PRODUCT GUIDE.

LIGHT EQUIPMENT, ASPHALT, SOIL AND LANDFILL CONSTRUCTION.
Technical data may have country specific deviations.
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- BMP 8500
- BMP 85000
**4-STROKE TAMPER**

**BT 60, BT 65**

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### Standard Equipment
- Engine Protection System
- Protective engine covering
- Paper air filter system with two stages
- Automatic oil level control
- Dual fuel filter system
- Vibration insulated steering bow
- Self-cleaning air filter housing
- Protective covering
- Single point lifting device
- Recoil starter
- Plastic castor as loading aid
- Infinitely variable frequency
- Combination of engine stop/fuel switch
- h-/ rpm meter
- 3-2-1 Warranty

### Optional Equipment
- Transport device with puncture proof wheels
- Tamper foot widths (160-330mm)
- Tamper foot extensions
- Special painting
- Tool kit
- Service Kit
- Operator protection contact breaker switch
- TOUGH WARRANTY

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**Fields of application:**
Earthwork and asphalt construction.
Pipeline, trench and sewer line construction, backfills, foundations and repair work on asphalt.

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**Technical Data BOMAG**

<table>
<thead>
<tr>
<th>Capacities</th>
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<tbody>
<tr>
<td>Fuel</td>
<td>l/h</td>
</tr>
<tr>
<td>Performance SAE J 1349</td>
<td>kW</td>
</tr>
<tr>
<td>Cooling</td>
<td>Hz</td>
</tr>
<tr>
<td>Engine manufacturer</td>
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<tr>
<td>Working speed max.</td>
<td>m/min</td>
</tr>
<tr>
<td>Drive system</td>
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<td>Fuel comsump. aver. during operation</td>
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<td>Drive</td>
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<td>Area coverage max.</td>
<td>m2/h</td>
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<tr>
<td>Working width (tamper plate)</td>
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**Dimensions in mm**

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<thead>
<tr>
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<th>B</th>
<th>H</th>
<th>L</th>
<th>L1</th>
<th>W</th>
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<tr>
<td>BT 60</td>
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<td>BT 65</td>
<td>350</td>
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<td>280</td>
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</tbody>
</table>

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**Technical modifications reserved. Machines may be shown with options.**
## TECHNICAL DATA

### Weights
- Operating weight CECE: **58 kg**
- Basic weight: **57 kg**

### Dimensions
- Working width (tamper plate): **230 mm**
- Area coverage max.: **20 - 276 m²/h**

### Driving Characteristics
- Working speed max.: **20 m/min**
- Area coverage max.: **20 - 336 m²/h**

### Drive
- Engine manufacturer: Honda
- Type: GXR 120
- Emission stage: StageV/CARB P.3 air
- Number of cylinders: 1
- Performance SAE J 1349: 2.8 kW
- Fuel: Gasoline
- Drive system: mech.
- Fuel consumption aver. during operation: 0.9 l/h

### Exciter system
- Frequency: 10 - 11.8 Hz
- Impact force: 15.0 kN

### Capacities
- Fuel: **3.0 l**

### Capacity Comparison

<table>
<thead>
<tr>
<th></th>
<th>BOMAG BT 60</th>
<th>BOMAG BT 65</th>
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<tbody>
<tr>
<td>Weights</td>
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<tr>
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<td>Working width (tamper plate)</td>
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<td>280 mm</td>
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<tr>
<td>Driving Characteristics</td>
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<td>Working speed max.</td>
<td>20 m/min</td>
<td>20 m/min</td>
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<td>Area coverage max.</td>
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<td>20 - 336 m²/h</td>
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<tr>
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<td>Honda</td>
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<tr>
<td>Type</td>
<td>GXR 120</td>
<td>GXR 120</td>
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<td>StageV/CARB P.3 air</td>
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<td>2.8 kW</td>
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<td>Gasoline</td>
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<td>Drive system</td>
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<td>mech.</td>
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<tr>
<td>Fuel consumption aver. during operation</td>
<td>0.9 l/h</td>
<td>0.9 l/h</td>
</tr>
</tbody>
</table>

### Capacities
- Fuel: **3.0 l**

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Technical modifications reserved. Machines may be shown with options.
4-STROKE TAMPER
BVT 65

Standard Equipment
- Engine Protection System
- Protective engine covering
- Automatic oil level control
- Dual fuel filter system
- Vibration insulated steering bow
- Self-cleaning air filter housing
- Protective covering
- Single point lifting device
- Recoil starter
- Plastic castor as loading aid
- Infinitely variable frequency
- Combination of engine stop/fuel switch
- 3-2-1 Warranty

Optional Equipment
- Transport device with puncture proof wheels
- Tamper foot widths (160-330mm)
- Tamper foot extensions
- h-/ rpm meter
- Special painting
- Tool kit
- Service Kit
- TOUGH WARRANTY

Fields of application:
Earthwork and asphalt construction.
Pipeline, trench and sewer line construction, backfills, foundations and repair work on asphalt.

Dimensions in mm

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<td>1030</td>
<td>728</td>
<td>335</td>
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</table>
### TECHNICAL DATA

#### Weights
- Operating weight CECE ........................................ kg 67
- Basic weight ....................................................... kg 66

#### Dimensions
- Working width (tamper plate) ................................ mm 280

#### Driving Characteristics
- Working speed max. .......................................... m/min 20
- Area coverage max. .............................................. m²/h 336

#### Drive
- Engine manufacturer .............................................
- Type .................................................................
- Emission stage ....................................................
- Cooling .............................................................
- Number of cylinders .......................................... kW 1
- Performance SAE J 1349 ..................................... kW 2,3
- Fuel .................................................................
- Drive system .....................................................
- Fuel comsump. aver. during operation .................. l/h 0,9

#### Exciter system
- Frequency ......................................................... Hz 10-11,8
- Impact force ....................................................... kN 16,0

#### Capacities
- Fuel ................................................................. l 3,0

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Technical modifications reserved. Machines may be shown with options.
**Fields of application:**
Earthwork and asphalt construction.
Pipeline, trench and sewer line construction, back-fills, foundations and repair work on asphalt.

<table>
<thead>
<tr>
<th>Dimensions in mm</th>
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<tr>
<td>B</td>
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<tr>
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<tr>
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<tr>
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### TECHNICAL DATA

| Weights                        | BOMAG  
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<th></th>
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<td>Basic weight</td>
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<tr>
<td>Dimensions</td>
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<td>Working width (tamper plate)</td>
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<tr>
<td>Driving Characteristics</td>
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<td>Working speed max.</td>
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<td>Emission stage</td>
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<tr>
<td>Performance ISO 3046</td>
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<tr>
<td>Speed</td>
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<td>Diesel</td>
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<tr>
<td>Drive system</td>
<td></td>
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<tr>
<td>Fuel comsump. aver. during operation</td>
<td></td>
<td>0,7</td>
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<tr>
<td>Capacities</td>
<td></td>
<td></td>
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<tr>
<td>Fuel</td>
<td></td>
<td>3,0</td>
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</table>

Technical modifications reserved. Machines may be shown with options.
SINGLE DIRECTION VIBRATORY PLATES
BVP 10/30, BVP 12/50 A

Fields of application:
Earthwork, asphalt and paving applications.
Repair work on roads and agricultural roads, pipeline and trench construction, landscape gardening.

Standard Equipment
- Vibration insulated steering bow (BVP10/30)
- Detachable steering handle
- Highly wear resistant base plate (BVP10/30)
- Highly wear resistant cast iron base plate (BVP12/50A)
- Automatic shutdown at low oil level
- Recoil starter
- Single point lifting device
- Fully protected V-belt
- Carrying handles
- 3-2-1 Warranty
- Sprinkler system (BVP12/50A)

Optional Equipment
- Special painting
- Plastic mat (BVP10/30)
- Service Kit
- TOUGH WARRANTY (BVP12/50A)
- Comfort guide handle (BVP10/30)

Dimensions in mm

<table>
<thead>
<tr>
<th></th>
<th>H</th>
<th>H1</th>
<th>L</th>
<th>L1</th>
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<td>970</td>
<td>530</td>
<td>500</td>
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</tbody>
</table>

PRE 834 19 010
## Technical Data

### Weights
- Operating weight CECE kg: BVP 10/30 = 47 kg, BVP 12/50 A = 72 kg
- Basic weight kg: BVP 10/30 = 46 kg, BVP 12/50 A = 67 kg

### Dimensions
- Working width mm: BVP 10/30 = 300 mm, BVP 12/50 A = 500 mm

### Driving Characteristics
- Working speed, max. m/min: BVP 10/30 = 25 m/min, BVP 12/50 A = 25 m/min
- Max. gradeability (dep. on soil con.) %: BVP 10/30 = 30 %, BVP 12/50 A = 30 %

### Drive
- Engine manufacturer: Honda
- Type: GXR 120
- Emission stage: StageV/CARB P.3
- Cooling: air
- Number of cylinders: 1
- Performance SAE J 1349 kW: BVP 10/30 = 2.1 kW, BVP 12/50 A = 2.6 kW
- Speed min⁻¹: BVP 10/30 = 3600 min⁻¹, BVP 12/50 A = 3600 min⁻¹
- Drive system: mech.
- Fuel: Gasoline
- Fuel consumption aver. during operation l/h: BVP 10/30 = 0.6 l/h, BVP 12/50 A = 0.9 l/h

### Exciter System
- Frequency Hz: BVP 10/30 = 100 Hz, BVP 12/50 A = 94 Hz
- Centrifugal force kN: BVP 10/30 = 10 kN, BVP 12/50 A = 12 kN
- Amplitude mm: BVP 10/30 = 134 mm, BVP 12/50 A = 110 mm

### Capacities
- Fuel l: BVP 10/30 = 0.8 l, BVP 12/50 A = 2.0 l
- Water l: BVP 10/30 = 0.8 l, BVP 12/50 A = 7.0 l

Technical modifications reserved. Machines may be shown with options.
**SINGLE DIRECTION VIBRATORY PLATE**

**BVP 10/36**

**Fields of application:**
Earthwork, asphalt and paving applications.
Repair work on roads and agricultural roads, pipeline and trench construction, landscape gardening.

**Dimensions in mm**

<table>
<thead>
<tr>
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<th>L1</th>
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<td>915</td>
<td>1115</td>
<td>558</td>
<td>360</td>
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</table>

**Standard Equipment**
- Vibration insulated steering bow, foldable
- Detachable steering handle
- Highly wear resistant base plate
- Automatic shutdown at low oil level
- Recoil starter
- Single point lifting device
- Fully protected V-belt
- Carrying handles
- 3-2-1 Warranty

**Optional Equipment**
- Sprinkler system (+7kg)
- Transport wheels (+4kg)
- Plastic mat
- Tool kit
- Service Kit
- TOUGH WARRANTY
- Comfort guide handle
- Special painting
- Engine protection frame

**Exciter system**

<table>
<thead>
<tr>
<th>Parameters</th>
<th>Value</th>
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<tr>
<td>Amplitude</td>
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<td>Centrifugal force</td>
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<tr>
<td>Drive</td>
<td>Honda GX 120</td>
</tr>
</tbody>
</table>
## TECHNICAL DATA

### Weights
- Operating weight CECE: **83 kg**
- Basic weight: **82 kg**

### Dimensions
- Working width: **360 mm**

### Driving Characteristics
- Working speed, max.: **25 m/min**
- Max. gradeability (dep. on soil con.): **30 %**

### Drive
- Engine manufacturer: **Honda**
- Type: **GX 120**
- Emission stage: **StageV/CARB P.3**
- Number of cylinders: **1**
- Performance SAE J 1349: **2,6 kW**
- Speed: **3.600 min-1**
- Drive system: **air**
- Fuel: **Gasoline**
- Fuel consumption avg. during operation: **0,9 l/h**

### Exciter system
- Frequency: **90 Hz**
- Centrifugal force: **10 kN**
- Amplitude: **1,00 mm**

### Capacities
- Fuel: **2,0 l**
- Water: **7,0 l**

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Technical modifications reserved. Machines may be shown with options.
SINGLE DIRECTION VIBRATORY PLATES
BVP 18/45, BVP 18/45 D

Fields of application:
Earthwork, asphalt and paving applications. Repair work on roads and agricultural roads, pipeline and trench construction, landscape gardening.

Dimensions in mm

<table>
<thead>
<tr>
<th></th>
<th>H</th>
<th>H1</th>
<th>L</th>
<th>L1</th>
<th>W</th>
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<td>BVP 18/45 D</td>
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<td>915</td>
<td>1115</td>
<td>558</td>
<td>450</td>
</tr>
</tbody>
</table>

Standard Equipment
- Vibration insulated steering bow, foldable
- Detachable steering handle
- Highly wear resistant base plate
- Automatic shutdown at low oil level (BVP18/45)
- Recoil starter
- Single point lifting device
- Fully protected V-belt
- Carrying handles
- 3-2-1 Warranty
- Engine protection frame (BVP18/45D)
- Automatic decompression (BVP18/45D)

Optional Equipment
- Sprinkler system (+7kg)
- Transport wheels (+4kg)
- Plastic mat
- Tool kit
- Service Kit
- TOUGH WARRANTY
- Comfort guide handle
- Special painting
- Engine protection frame (BVP18/45)
## TECHNICAL DATA

### Weights
- Operating weight CECE
- Basic weight

### Dimensions
- Working width

### Driving Characteristics
- Working speed, max.
- Max. gradeability (dep. on soil con.)

### Drive
- Engine manufacturer
- Type
- Emission stage
- Cooling
- Number of cylinders
- Performance SAE J 1349
- Speed
- Drive system
- Fuel
- Fuel consumption aver. during operation

### Exciter system
- Frequency
- Centrifugal force
- Amplitude

### Capacities
- Fuel
- Water

### BOMAG

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<td>3,000</td>
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<tr>
<td>mech.</td>
<td>mech.</td>
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<tr>
<td>Gasoline</td>
<td>Diesel</td>
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<tr>
<td>1,1</td>
<td>0,7</td>
</tr>
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### Capacities
- **BVP 18/45**
  - Fuel: 3,1 l
  - Water: 7,0 l

### Capacities
- **BVP 18/45 D**
  - Fuel: 3,0 l
  - Water: 7,0 l

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Technical modifications reserved. Machines may be shown with options.
**SINGLE DIRECTION VIBRATORY PLATE**

**BPS 18/45**

- **Fields of application:**
  Earthwork, asphalt and paving applications. Repair work on roads and agricultural roads, pipeline and trench construction, landscape gardening.

- **Dimensions in mm**
  BPS 18/45
<table>
<thead>
<tr>
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<th>L1</th>
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<td>550</td>
<td>886</td>
<td>970</td>
<td>550</td>
<td>450</td>
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</table>
## Technical Data

### Weights
- Basic weight .................................................. kg
- Operating weight CECE (W) ................................. kg

### Dimensions
- Working width (W) ............................................. mm

### Driving Characteristics
- Working speed, max. ......................................... m/min
- Max. gradeability (dep. on soil con.) .................... %

### Drive
- Type .................................................................
- Emission stage ..................................................
- Cooling .............................................................
- Number of cylinders ...........................................
- Performance SAE J 1349 .................................... kW
- Speed .............................................................. min⁻¹
- Drive system .....................................................
- Fuel .................................................................
- Fuel consumption aver. during operation ............. l/h

### Exciter System
- Frequency ....................................................... Hz
- Centrifugal force ............................................... kN
- Amplitude ......................................................... mm

### Capacities
- Fuel ............................................................... l
- Water .............................................................. l

---

**BOMAG**

**BPS 18/45**

<table>
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<tr>
<td>Working speed, max.</td>
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<tr>
<td>Max. gradeability</td>
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Technical modifications reserved. Machines may be shown with options.
SINGLE DIRECTION VIBRATORY PLATES
BP 10/35, BP 12/40

Fields of application:
Earthwork, asphalt and paving applications.
Repair work on roads and agricultural roads, pipeline and trench construction, landscape gardening.

Standard Equipment
- Vibration insulated steering bow, foldable
- Detachable steering handle
- Highly wear resistant base plate
- Automatic shutdown at low oil level
- Recoil starter
- Fully protected V-belt
- Carrying handles
- Single point lifting device
- Protective covering
- 3-2-1 Warranty
- Engine protection frame

Optional Equipment
- Sprinkler system (+10kg)
- Sprinkler system 6l (+4kg/BP10/35)
- Transport wheels (+4kg)
- Plastic mat
- Tool kit
- Special painting
- Service Kit
- TOUGH WARRANTY
- Comfort guide handle

Dimensions in mm

<table>
<thead>
<tr>
<th></th>
<th>H</th>
<th>H1</th>
<th>H2</th>
<th>L</th>
<th>L1</th>
<th>W</th>
</tr>
</thead>
<tbody>
<tr>
<td>BP 10/35</td>
<td>658</td>
<td>962</td>
<td>700</td>
<td>1084</td>
<td>532</td>
<td>350</td>
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<tr>
<td>BP 12/40</td>
<td>658</td>
<td>962</td>
<td>700</td>
<td>1084</td>
<td>542</td>
<td>400</td>
</tr>
</tbody>
</table>
## TECHNICAL DATA

**Weights**
- Operating weight CECE: 65 kg
- Basic weight: 64 kg

**Dimensions**
- Working width: 350 mm

**Driving Characteristics**
- Working speed, max.: 25 m/min
- Max. gradeability (dep. on soil con.): 30%

**Drive**
- Engine manufacturer: Honda
- Type: GX 120
- Emission stage: StageV/CARB P.3
- Cooling: air
- Number of cylinders: 1
- Performance SAE J 1349: 2,6 kW
- Speed: 3,600 min⁻¹
- Drive system: mech.
- Fuel: Gasoline
- Fuel consumption aver. during operation: 0,9 l/h

**Exciter system**
- Frequency: 90 Hz
- Centrifugal force: 10 kN
- Amplitude: 1,33 mm

**Capacities**
- Fuel: 2,0 l
- Water: 13,5 l

<table>
<thead>
<tr>
<th>BOMAG BP 10/35</th>
<th>BOMAG BP 12/40</th>
</tr>
</thead>
<tbody>
<tr>
<td>65 kg</td>
<td>72 kg</td>
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<td>64 kg</td>
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<td>350 mm</td>
<td>400 mm</td>
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<tr>
<td>Honda GX 120</td>
<td>Honda GX 120</td>
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<tr>
<td>StageV/CARB P.3</td>
<td>StageV/CARB P.3</td>
</tr>
<tr>
<td>air</td>
<td>air</td>
</tr>
<tr>
<td>1</td>
<td>1</td>
</tr>
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<td>2,6 kW</td>
<td>2,6 kW</td>
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<tr>
<td>3,600 min⁻¹</td>
<td>3,600 min⁻¹</td>
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<tr>
<td>mech.</td>
<td>mech.</td>
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<tr>
<td>Gasoline</td>
<td>Gasoline</td>
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<tr>
<td>0,9 l/h</td>
<td>0,9 l/h</td>
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<tr>
<td>10 kN</td>
<td>12 kN</td>
</tr>
<tr>
<td>1,33 mm</td>
<td>1,42 mm</td>
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<tr>
<td>2,0 l</td>
<td>2,0 l</td>
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<tr>
<td>13,5 l</td>
<td>13,5 l</td>
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</table>

Technical modifications reserved. Machines may be shown with options.
**SINGLE DIRECTION VIBRATORY PLATE**

**BP 12/50 A**

**Standard Equipment**
- Highly wear resistant special base plate
- Sprinkler system
- Vibration insulated steering bow, foldable
- Detachable steering handle
- Automatic shutdown at low oil level
- Recoil starter
- Reinforced centrifugal clutch
- Single point lifting device
- Fully protected V-belt
- Carrying handles
- 3-2-1 Warranty

**Optional Equipment**
- Transport wheels (+5kg)
- Tool kit
- Special painting
- Service Kit
- Steering handle centre-position (H2=900mm)
- TOUGH WARRANTY
- Comfort guide handle
- Central comfort guide handle

**Fields of application:**
Asphalt applications
Repair work on roads and agricultural roads.

**Dimensions in mm**

<table>
<thead>
<tr>
<th></th>
<th>H</th>
<th>H1</th>
<th>H2</th>
<th>L</th>
<th>L1</th>
<th>W</th>
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<tbody>
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<td>962</td>
<td>700</td>
<td>1084</td>
<td>545</td>
<td>500</td>
</tr>
</tbody>
</table>

**Technical Data BOMAG**

- Working speed, max.: 30 m/min
- Fuel consumption aver. during operation: 0.9 l/h
- Fuel: Gasoline
- Drive system: GX 120, Honda
- Performance SAE J 1349: 12 kW (16 hp)
- Number of cylinders: 1
- Emission stage: Stage V/CARB P.3
- Type: Air
- Coolant: Water
- Amplitude: 1,10 mm
- Frequency: 12 Hz
- Centrifugal force: 13,5 kN

**Repair work on roads and agricultural roads.**
<table>
<thead>
<tr>
<th><strong>Weights</strong></th>
<th><strong>Dimensions</strong></th>
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</thead>
<tbody>
<tr>
<td>Operating weight CECE</td>
<td>Working width</td>
</tr>
<tr>
<td>Basic weight</td>
<td>mm</td>
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</table>

<table>
<thead>
<tr>
<th><strong>Driving Characteristics</strong></th>
<th><strong>Drive</strong></th>
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</thead>
<tbody>
<tr>
<td>Working speed, max.</td>
<td>Engine manufacturer</td>
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<tr>
<td>Max. gradeability (dep. on soil con.)</td>
<td>Type</td>
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<table>
<thead>
<tr>
<th><strong>Exciter system</strong></th>
<th><strong>Capacities</strong></th>
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<tbody>
<tr>
<td>Frequency</td>
<td>Fuel</td>
</tr>
<tr>
<td>Centrifugal force</td>
<td>Water</td>
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<tr>
<td>Amplitude</td>
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<table>
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<th><strong>Drive</strong></th>
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</tr>
<tr>
<td>Water</td>
<td>Type</td>
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<tr>
<td>Honda</td>
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<tr>
<td>GX 120</td>
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</tr>
<tr>
<td>StageV/CARB P.3</td>
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</tr>
<tr>
<td>air</td>
<td></td>
</tr>
<tr>
<td>1</td>
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</tr>
<tr>
<td>2,6</td>
<td></td>
</tr>
<tr>
<td>3,600</td>
<td></td>
</tr>
<tr>
<td>mech.</td>
<td></td>
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<tr>
<td>Gasoline</td>
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<tr>
<td>0,9</td>
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<td>1,10</td>
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<td>2,0</td>
<td></td>
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<tr>
<td>13,5</td>
<td></td>
</tr>
</tbody>
</table>

Technical modifications reserved. Machines may be shown with options.
SINGLE DIRECTION VIBRATORY PLATES
BP 20/50, BP 20/50 D

Fields of application:
Earthwork, asphalt and paving applications.
Repair work on roads and agricultural roads, pipeline and trench construction, landscape gardening.

Standard Equipment
- Vibration insulated steering bow, foldable
- Detachable steering handle
- Highly wear resistant base plate
- Automatic shutdown at low oil level (BP20/50)
- Recoil starter
- Engine protection frame
- Single point lifting device
- Fully protected V-belt
- Carrying handles
- Protective covering
- 3-2-1 Warranty
- Fully automatic decompression (BP20/50D)

Optional Equipment
- Sprinkler system (+10kg)
- Transport wheels (+4kg)
- Plastic mat
- Tool kit
- Special painting
- Service Kit
- Steering handle centre-position (BP20/50)
- TOUGH WARRANTY
- Comfort guide handle
- Central comfort guide handle (BP20/50)

Dimensions in mm

<table>
<thead>
<tr>
<th></th>
<th>H</th>
<th>H1</th>
<th>H2</th>
<th>L</th>
<th>L1</th>
<th>W</th>
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</thead>
<tbody>
<tr>
<td>BP 20/50</td>
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<td>962</td>
<td>700</td>
<td>1084</td>
<td>542</td>
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<tr>
<td>BP 20/50 D</td>
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<td>962</td>
<td>700</td>
<td>1084</td>
<td>542</td>
<td>500</td>
</tr>
</tbody>
</table>
### TECHNICAL DATA

#### Weights
- Operating weight CECE: 95 kg
- Basic weight: 94 kg

#### Dimensions
- Working width: 500 mm

#### Driving Characteristics
- Working speed, max.: 30 m/min
- Max. gradeability (dep. on soil con.): 30%

#### Drive
- Engine manufacturer: Honda
- Type: GX 160
- Emission stage: Stage V/CARB P.3
- Cooling: air
- Number of cylinders: 1
- Performance SAE J 1349: 3.6 kW
- Speed: 3,600 min⁻¹
- Drive system: Gasoline
- Fuel: 1.1 l/h
- Fuel consumption aver. during operation: 1.1 l/h

#### Exciter system
- Frequency: 90 Hz
- Centrifugal force: 20 kN
- Amplitude: 1.70 mm

#### Capacities
- Fuel: 3.1 l
- Water: 13.5 l

### BOMAG

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<thead>
<tr>
<th>Equipment Type</th>
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<tr>
<td><strong>Light Equipment</strong></td>
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Technical modifications reserved. Machines may be shown with options.
SINGLE DIRECTION VIBRATORY PLATES
BP 25/50, BP 25/50 D

Fields of application:
Earthwork, asphalt and paving applications.
Repair work on roads and agricultural roads, pipeline and trench construction, landscape gardening.

Dimensions in mm

<table>
<thead>
<tr>
<th></th>
<th>H</th>
<th>H1</th>
<th>H2</th>
<th>L</th>
<th>L1</th>
<th>W</th>
</tr>
</thead>
<tbody>
<tr>
<td>BP 25/50</td>
<td>658</td>
<td>962</td>
<td>700</td>
<td>1084</td>
<td>542</td>
<td>500</td>
</tr>
<tr>
<td>BP 25/50 D</td>
<td>708</td>
<td>962</td>
<td>700</td>
<td>1084</td>
<td>542</td>
<td>500</td>
</tr>
</tbody>
</table>

Standard Equipment
- Vibration insulated steering bow, foldable
- Detachable steering handle
- Highly wear resistant base plate
- Fully automatic decompression (BP25/50D)
- Recoil starter
- Engine protection frame
- Single point lifting device
- Fully protected V-belt
- Carrying handles
- Protective covering
- 3-2-1 Warranty
- Automatic shutdown at low oil level (BP25/50)

Optional Equipment
- Sprinkler system (+10kg)
- Transport wheels (+4kg)
- Plastic mat
- Special painting
- Service Kit (BP25/50)
- TOUGH WARRANTY
- Comfort guide handle
- Central comfort guide handle (BP25/50)

Technical Data BOMAG

- Dimensions in mm:
  - H: 658
  - H1: 962
  - H2: 700
  - L: 1084
  - L1: 542
  - W: 500

- Fuel ISO 3046:
  - Diesel: 3.600
  - Gasoline: 3.000

- Emission stage:
  - Stage V

- Drive:
  - Hatz: 1B20
  - Honda: GX 160

- Speed: 3.600
- Water:
  - Diesel: 3.000
  - Gasoline: 3.100

- Max. gradeability (dep. on soil con.): 1
- Working width (mm): 500
- Working speed, max.: 122
- Driving Characteristics:
  - mm: 542
  - kg: 13.5
- Amplitude:
  - Gasoline: 1.75
  - Diesel: 2.5
- Frequency:
  - Gasoline: 92
  - Diesel: 79
- Fuel consumption:
  - Gasoline: 0.7
  - Diesel: 0.7
- Performance ISO 3046:
  - Gasoline: 108
  - Diesel: 123

BOMAG
Tel. (0)6742 -1000
Fax (0)6742 - 3090
P.O. Box 5162
D-56154 Boppard
Hellerwald

PRE 230 17 010
### TECHNICAL DATA

| WEIGHS | BOMAG  
<table>
<thead>
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<tbody>
<tr>
<td>Operating weight CECE</td>
<td>108</td>
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<tr>
<td>Basic weight</td>
<td>107</td>
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| DIMENSIONS | BOMAG  
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<th></th>
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<tbody>
<tr>
<td>Working width</td>
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| DRIVING CHARACTERISTICS | BOMAG  
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<tbody>
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<td>Max. gradeability (dep. on soil con.)</td>
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| DRIVE | BOMAG  
<table>
<thead>
<tr>
<th></th>
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<tbody>
<tr>
<td>Engine manufacturer</td>
<td>Honda</td>
</tr>
<tr>
<td>Type</td>
<td>GX 160</td>
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<tr>
<td>Emission stage</td>
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<tr>
<td>Cooling</td>
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<tr>
<td>Number of cylinders</td>
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<tr>
<td>Speed</td>
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<tr>
<td>Drive system</td>
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<tr>
<td>Fuel</td>
<td>Gasoline</td>
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<tr>
<td>Fuel consumption during operation</td>
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| EXCITER SYSTEM | BOMAG  
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<th></th>
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<tr>
<td>Frequency</td>
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<tr>
<td>Centrifugal force</td>
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<td>Amplitude</td>
<td>1,75</td>
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</table>

| CAPACITIES | BOMAG  
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<tbody>
<tr>
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</tr>
<tr>
<td>Water</td>
<td>13,5</td>
</tr>
</tbody>
</table>

Technical modifications reserved. Machines may be shown with options.
REVERSIBLE VIBRATORY PLATES
BPR 25/40, BPR 25/40 D

Standard Equipment
- Protective engine covering
- Comfortable control lever
- Low vibration steering rod
- Height adjustable steering rod
- Steering rod lockable in transport and working position
- Vibration and throttle regulation on the steering rod
- Highly wear-resistant, powder-coated base plate
- Fully protected V-belt
- Recoil starter
- Back-up drive protection
- Automatic shutdown at low oil level (BPR25/40)
- Automatic decompression (BPR25/40D)
- 3-2-1 Warranty

Optional Equipment
- Sprinkler system (+13kg)
- Tool kit
- Special painting
- Plastic mat
- Transport wheels, puncture-proof (+4kg)
- Service Kit
- US Version EPA 4 NRTC (BPR25/40D)
- TOUGH WARRANTY

Fields of application:
Earthwork, asphalt and paving applications.
Construction of roads, forestry roads and railtracks, backfills, trench and sewer line construction, landscape gardening, interlocking paving stones, foundations.

Dimensions in mm

<table>
<thead>
<tr>
<th></th>
<th>H</th>
<th>H1</th>
<th>H2</th>
<th>L</th>
<th>L1</th>
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<tbody>
<tr>
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<td>1080</td>
<td>1460</td>
<td>650</td>
<td>400</td>
</tr>
</tbody>
</table>
## TECHNICAL DATA

### Weights
- Operating weight CECE (W) ............... kg
- Basic weight ........................................... kg

### Dimensions
- Basic working width ................................ mm
- Lowest passing height ............................ mm
- Min. height w. steering in top position ...... mm
- Max. height w. steering in top position ...... mm

### Driving Characteristics
- Working speed, max. ............................. m/min
- Max. gradeability (dep. on soil con.) ........ %

### Drive
- Engine manufacturer ............................
- Type ....................................................
- Emission stage .......................................
- Cooling ............................................... Number of cylinders ............................... kW
- Performance SAE J 1349 ...................... min-1
- Speed ............................................... Frequency ........................................ Hz
- Centrifugal force ................................. kN
- Amplitude ......................................... mm
- Fuel ................................................... l
- Fuel comsump. aver. during operation ...... l/h

<table>
<thead>
<tr>
<th></th>
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<th>BOMAG BPR 25/40 D</th>
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<tr>
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<td>Amplitude</td>
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<tr>
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</table>

Technical modifications reserved. Machines may be shown with options.
**REVERSIBLE VIBRATORY PLATES**

**BPR 25/50, BPR 25/50 D**

**Fields of application:**
Earthwork, asphalt and paving applications. Construction of roads, forestry roads and railtracks, backfills, trench and sewer line construction, landscape gardening, interlocking paving stones, foundations.

**Standard Equipment**
- Protective engine covering
- Comfortable control lever
- Low vibration steering rod
- Height adjustable steering rod
- Steering rod lockable in transport and working position
- Vibration and throttle regulation on the steering rod
- Highly wear-resistant, powder-coated base plate
- Fully protected V-belt
- Automatic decompression (BPR25/50D)
- Automatic shutdown at low oil level (BPR25/50)
- Recoil starter
- Back-up drive protection
- 3-2-1 Warranty

**Optional Equipment**
- Sprinkler system (+13kg)
- Transport wheels, puncture-proof (+4kg)
- Tool kit
- Special painting
- Plastic mat
- Service Kit
- TOUGH WARRANTY

**Dimensions in mm**

<table>
<thead>
<tr>
<th></th>
<th>H</th>
<th>H1</th>
<th>H2</th>
<th>L</th>
<th>L1</th>
<th>W</th>
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<td>1274</td>
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<td>930</td>
<td>1030</td>
<td>1274</td>
<td>650</td>
<td>500</td>
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</tbody>
</table>
## TECHNICAL DATA

### Weights
- Operating weight CECE (W) ...................................... kg
- Basic weight ......................................................... kg

### Dimensions
- Basic working width ............................................. mm
- Lowest passing height ......................................... mm
- Min. height w. steering in top position ................. mm
- Max. height w. steering in top position ................. mm

### Driving Characteristics
- Working speed, max. ........................................... m/min
- Max. gradeability (dep. on soil con.) ................. %

### Drive
- Engine manufacturer ............................................
- Type .................................................................
- Emission stage ...................................................
- Cooling ...............................................................
- Number of cylinders ..........................................
- Performance ISO 3046 ......................................... kW
- Speed ............................................................... min-1
- Drive system .......................................................
- Fuel .................................................................
- Fuel comsump. aver. during operation .............. l/h

### Exciter system
- Frequency ........................................................ Hz
- Centrifugal force ................................................. kN
- Amplitude ........................................................ mm

### Capacities
- Fuel ................................................................. l
- Water ............................................................... l

<table>
<thead>
<tr>
<th>BOMAG BPR 25/50</th>
<th>BOMAG BPR 25/50 D</th>
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</thead>
<tbody>
<tr>
<td>140</td>
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<td>930</td>
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<td>1,250</td>
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<tr>
<td>Honda GX 160</td>
<td>Hatz 1B20</td>
</tr>
<tr>
<td>StageV/CARB P.3</td>
<td>Stage V</td>
</tr>
<tr>
<td>air</td>
<td>air</td>
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<td>12,0</td>
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</table>

Technical modifications reserved. Machines may be shown with options.
**REVERSIBLE VIBRATORY PLATES**
BPR 35/42 D, BPR 35/60, BPR 35/60 D

Fields of application:
Earthwork, asphalt and paving applications.
Construction of roads, forestry roads and railtracks, backfills, trench and sewer line construction, landscape gardening, interlocking paving stones, foundations.

**Dimensions in mm**

<table>
<thead>
<tr>
<th></th>
<th>H</th>
<th>H1</th>
<th>H2</th>
<th>L</th>
<th>L1</th>
<th>W</th>
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<tr>
<td>BPR 35/42 D</td>
<td>720</td>
<td>1020</td>
<td>1150</td>
<td>1405</td>
<td>762</td>
<td>420</td>
</tr>
<tr>
<td>BPR 35/60</td>
<td>660</td>
<td>1020</td>
<td>1150</td>
<td>1405</td>
<td>762</td>
<td>600</td>
</tr>
<tr>
<td>BPR 35/60 D</td>
<td>720</td>
<td>1020</td>
<td>1150</td>
<td>1405</td>
<td>762</td>
<td>600</td>
</tr>
</tbody>
</table>

**Standard Equipment**
- Protective engine covering
- Comfortable control lever
- Height adjustable steering rod
- Low vibration steering rod
- Steering rod lockable in transport and working position
- Vibration and throttle regulation on the steering rod
- High wear-resistant, powder-coated base plate
- Fully protected V-belt
- Automatic decompression (BPR35/42D, BPR35/60D)
- Recoil starter
- Back-up drive protection
- Automatic shutdown at low oil level (BPR35/60)
- 3-2-1 Warranty
- Hour meter (Engine protection hood BPR35/60)

**Optional Equipment**
- Fully closed engine protection hood made of high-strength steel (+10kg)
- Transport wheels (+5kg)
- Electric starter+
  - Hour meter (+20kg)
  - (BPR35/42D, BPR35/60D)
- Tool kit
- Special painting
- Plastic mat
- Service Kit
- Hour meter (BPR35/60)
- US-Version EPA 4 NRTC (BPR35/60D)
- TOUGH WARRANTY
### Technical Data

**Weights**
- Operating weight CECE (W) kg
- Basic weight kg

**Dimensions**
- Basic working width mm
- Lowest passing height mm
- Min. height w. steering in top position mm
- Max. height w. steering in top position mm

**Driving Characteristics**
- Working speed, max. m/min
- Max. gradeability (dep. on soil con.) %

**Drive**
- Engine manufacturer
- Type
- Emission stage
- Cooling
- Number of cylinders
- Performance SAE J 1349 kW
- Performance ISO 3046 kW
- Speed min-1
- Drive system
- Fuel
- Fuel consumption aver. during operation l/h

**Exciter System**
- Frequency Hz
- Centrifugal force kN
- Amplitude mm

**Capacities**
- Fuel l

<table>
<thead>
<tr>
<th>BOMAG BPR 35/42 D</th>
<th>BOMAG BPR 35/60</th>
<th>BOMAG BPR 35/60 D</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight (kg)</td>
<td>Weight (kg)</td>
<td>Weight (kg)</td>
</tr>
<tr>
<td>210</td>
<td>205</td>
<td>225</td>
</tr>
<tr>
<td>207</td>
<td>202</td>
<td>222</td>
</tr>
<tr>
<td>Width (mm)</td>
<td>Width (mm)</td>
<td>Width (mm)</td>
</tr>
<tr>
<td>420</td>
<td>600</td>
<td>600</td>
</tr>
<tr>
<td>720</td>
<td>660</td>
<td>720</td>
</tr>
<tr>
<td>1,020</td>
<td>1,020</td>
<td>1,020</td>
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<tr>
<td>1,120</td>
<td>1,120</td>
<td>1,120</td>
</tr>
<tr>
<td>Speed (m/min)</td>
<td>Speed (m/min)</td>
<td>Speed (m/min)</td>
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<tr>
<td>27</td>
<td>27</td>
<td>27</td>
</tr>
<tr>
<td>32</td>
<td>32</td>
<td>32</td>
</tr>
</tbody>
</table>
| Engine manufacturer
- Hatz 1B20
- Honda GX 160
- Hatz 1B20
- Cooling
- Air
- Air
- Air
- Number of cylinders
- 1
- 1
- 1
- 1
- Performance SAE J 1349 kW
- 3,1
- 3,6
- 3,1
- 3,1
- Performance ISO 3046 kW
- 3,000
- 3,600
- 3,000
- 3,000
- Speed min-1
- 1
- 1
- 1
- 1
- Drive system
- Mechanical
- Mechanical
- Mechanical
- Mechanical
- Fuel
- Diesel
- Gasoline
- Diesel
- Fuel consumption aver. during operation l/h
- 0,7
- 1,1
- 0,7

Technical modifications reserved. Machines may be shown with options.
STONEGUARD – THE PAVING PLATE
BPR 25/50 D, BPR 35/60, BPR 35/60 D

Fields of application:
Paving.
Concrete blocks, natural stones (cut/diamond cut), non-bevelled stones, sensitive surfaces and stone formats, and sensitive surrounding objects.

STANDARD EQUIPMENT
- STONEGUARD Special base plate
- Protective engine covering
- Comfortable control lever
- Height adjustable steering rod
- Low vibration steering rod
- Steering rod lockable in transport and working position
- Vibration and throttle regulation on the steering rod
- Highly wear-resistant, powder-coated base plate
- Fully protected V-belt
- Automatic decompression (BPR25/50D, BPR35/60D)
- Recoil starter
- Back-up drive protection
- Automatic shutdown at low oil level (BPR35/60)
- 3-2-1 Warranty
- Hour meter (Engine protection hood BPR35/60)

OPTIONAL EQUIPMENT
- Fully closed engine protection hood made of high-strength steel (+10kg)
- Transport wheels (+5kg)
- Tool kit
- Special painting
- Service Kit
- Electric starter + Hour meter (+20kg/BPR35/60D)
- TOUGH WARRANTY

Dimensions in mm

<table>
<thead>
<tr>
<th></th>
<th>H</th>
<th>H1</th>
<th>H2</th>
<th>L</th>
<th>L1</th>
<th>W</th>
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<tr>
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<td>BPR 35/60 D</td>
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<td>1030</td>
<td>1160</td>
<td>1545</td>
<td>832</td>
<td>630</td>
</tr>
</tbody>
</table>
## TECHNICAL DATA

### Weights
- Operating weight CECE (W).............  kg
- Basic weight ..............................  kg

### Dimensions
- Basic working width ......................  mm
- Lowest passing height ...................  mm
- Min. height w. steering in top position  mm
- Max. height w. steering in top position  mm

### Driving Characteristics
- Working speed, max. ..................... m/min
- Max. gradeability (dep. on soil con.) ... %

### Drive
- Engine manufacturer .....................
- Type ........................................
- Emission stage ............................
- Cooling ....................................
- Number of cylinders .....................
- Performance ISO 3046 .................... kW
- Performance SAE J 1349 .................. kW
- Speed ...................................... min⁻¹
- Drive system .............................
- Fuel ........................................
- Fuel consmp. aver. during operation ... l/h

### Exciter system
- Frequency ............................... Hz
- Centrifugal force ......................... kN

### Capacities
- Fuel ....................................... l

### Capacities

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<tr>
<th></th>
<th>BOMAG BPR 25/50 D</th>
<th>BOMAG BPR 35/60 D</th>
<th>BOMAG BPR 35/60 D</th>
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<td>166</td>
<td>228</td>
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<td>Basic</td>
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<td></td>
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<tr>
<td>20</td>
<td>20</td>
<td>20</td>
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</tr>
<tr>
<td>Height</td>
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<td>35</td>
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<td>3.1</td>
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</tr>
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</table>

Technical modifications reserved. Machines may be shown with options.
**REVERSIBLE VIBRATORY PLATE**

**BPR 40/60 D**

***Standard Equipment***
- Fully closed engine protection
- Hood made of high-strength steel
- Comfortable control lever
- Height adjustable steering rod
- Low vibration steering rod
- Steering rod lockable in transport and working position
- Vibration and throttle regulation on the steering rod
- Highly wear-resistant, powder-coated base plate
- Fully protected V-belt
- Automatic decompression
- Recoil starter
- 3-2-1 Warranty
- Hour meter (Electric starter)

***Optional Equipment***
- Transport wheels (+5kg)
- Electric starter (+20kg)
- Tool kit
- Special painting
- Plastic mat
- Service Kit
- TOUGH WARRANTY

**Fields of application:**
Earthwork and paving applications.
Construction of roads, forestry roads and railtracks, backfills, trench and sewer line construction, landscape gardening, foundations.

![Image of REVERSIBLE VIBRATORY PLATE BPR 40/60 D]

**Dimensions in mm**

<table>
<thead>
<tr>
<th></th>
<th>H</th>
<th>H1</th>
<th>H2</th>
<th>L</th>
<th>L1</th>
<th>W</th>
</tr>
</thead>
<tbody>
<tr>
<td>BPR 40/60 D</td>
<td>700</td>
<td>1030</td>
<td>1150</td>
<td>1405</td>
<td>762</td>
<td>600</td>
</tr>
</tbody>
</table>
### TECHNICAL DATA

**Weights**
- Operating weight CECE (W) ........................................... kg
- Basic weight ............................................................. kg

**Dimensions**
- Basic working width ................................................ mm
- Lowest passing height ................................................ mm
- Min. height w. steering in top position ......................... mm
- Max. height w. steering in top position ......................... mm

**Driving Characteristics**
- Working speed, max. ................................................ m/min
- Max. gradeability (dep. on soil con.) ......................... %

**Drive**
- Engine manufacturer ............................................... 
- Type .................................................................
- Emission stage ....................................................
- Cooling ..............................................................
- Number of cylinders ............................................... 
- Performance ISO 3046 .............................................. kW
- Speed ............................................................... min-1
- Drive system ....................................................... 
- Fuel .................................................................
- Fuel consump. aver. during operation ....................... l/h

**Exciter system**
- Frequency ........................................................... Hz
- Centrifugal force .................................................. kN
- Amplitude .......................................................... mm

**Capacities**
- Fuel ................................................................. l

---

**BOMAG**

**BPR 40/60 D**

**Weights**
- 260 kg
- 257 kg

**Dimensions**
- 600 mm
- 700 mm
- 1,030 mm
- 1,120 mm

**Drive**
- Hatz
- Type: 1B20
- Emission stage: Stage V
- Cooling: air
- Number of cylinders: 1
- Performance ISO 3046: 3,1 kW
- Speed: 3,000 min-1
- Drive system: mech.
- Fuel: Diesel
- Fuel consump. aver. during operation: 0,7 l/h

**Exciter system**
- Frequency: 80 Hz
- Centrifugal force: 40 kN
- Amplitude: 1,40 mm

**Capacities**
- Fuel: 3,0 l

---

Technical modifications reserved. Machines may be shown with options.
REVERSIBLE VIBRATORY PLATES
BPR 45/55 D, BPR 50/55 D

Standard Equipment
- Engine protection hood
- Comfortable control lever
- Low vibration steering rod
- Height adjustable steering rod
- Steering rod lockable in transport and working position
- Vibration and throttle regulation on the steering rod
- Highly wear-resistant, powder-coated base plate
- Automatic decompression
- Multi-functional, foldable single-point lifting facility
- Extension plates (550mm)
- Electric starter
- Recoil starter
- Back-up drive protection
- Warning signal at low oil level (BPR45/55D)
- 3-2-1 Warranty
- Hour meter

Optional Equipment
- ECONOMIZER (+5kg)
- Tool kit
- Special painting
- Plastic mat
- Extension plates (650/750mm)
- Service Kit
- US Version EPA 4 NRTC (BPR45 6.2kW - BPR50 6.8kW)
- TOUGH WARRANTY

Fields of application:
Earthwork and paving applications.
Construction of roads, forestry roads and railtracks, backfills, trench and sewer line construction, landscape gardening, foundations.

Dimensions in mm

<table>
<thead>
<tr>
<th></th>
<th>BPR 45/55 D</th>
<th>BPR 50/55 D</th>
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</thead>
<tbody>
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<td>H</td>
<td>790</td>
<td>790</td>
</tr>
<tr>
<td>H1</td>
<td>980</td>
<td>980</td>
</tr>
<tr>
<td>H2</td>
<td>1350</td>
<td>1350</td>
</tr>
<tr>
<td>L</td>
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<td>1700</td>
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<tr>
<td>L1</td>
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<tr>
<td>W1</td>
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<td>550</td>
</tr>
<tr>
<td>W2</td>
<td>750</td>
<td>750</td>
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## TECHNICAL DATA

### Weights
<table>
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<th>BOMAG BPR 45/55 D</th>
<th>BOMAG BPR 50/55 D</th>
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</thead>
<tbody>
<tr>
<td>Operating weight CECE (W)</td>
<td>385</td>
<td>390</td>
</tr>
<tr>
<td>Operating weight CECE (W1)</td>
<td>400</td>
<td>405</td>
</tr>
<tr>
<td>Operating weight CECE (W2)</td>
<td>415</td>
<td>420</td>
</tr>
<tr>
<td>Basic weight</td>
<td>395</td>
<td>400</td>
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### Dimensions
<table>
<thead>
<tr>
<th></th>
<th>mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basic working width</td>
<td>550</td>
</tr>
<tr>
<td>Working width without extension bars (W)</td>
<td>450</td>
</tr>
<tr>
<td>Lowest passing height</td>
<td>790</td>
</tr>
<tr>
<td>Min. height w. steering in top position</td>
<td>980</td>
</tr>
<tr>
<td>Max. height w. steering in top position</td>
<td>1.220</td>
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### Driving Characteristics
<table>
<thead>
<tr>
<th></th>
<th>m/min</th>
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</thead>
<tbody>
<tr>
<td>Working speed, max.</td>
<td>28</td>
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<tr>
<td>Max. gradeability (dep. on soil con.)</td>
<td>35</td>
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</tbody>
</table>

### Drive
<p>| | |</p>
<table>
<thead>
<tr>
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<tr>
<td>Engine manufacturer</td>
<td>Kohler Hatz</td>
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<tr>
<td>Type</td>
<td>RD 15 440 1B 40</td>
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<tr>
<td>Emission stage</td>
<td>Stage V Stage V</td>
</tr>
<tr>
<td>Cooling</td>
<td>air</td>
</tr>
<tr>
<td>Number of cylinders</td>
<td>1 1</td>
</tr>
<tr>
<td>Performance ISO 3046</td>
<td>6,8 6,7</td>
</tr>
<tr>
<td>Speed</td>
<td>3.000 3.000</td>
</tr>
<tr>
<td>Drive system</td>
<td>mech. mech.</td>
</tr>
<tr>
<td>Fuel</td>
<td>Diesel Diesel</td>
</tr>
<tr>
<td>Fuel comsump. aver. during operation</td>
<td>1,4 1,5</td>
</tr>
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</table>

### Exciter system
<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Frequency</td>
<td>70 66</td>
</tr>
<tr>
<td>Centrifugal force</td>
<td>45 50</td>
</tr>
<tr>
<td>Amplitude</td>
<td>1,55 1,85</td>
</tr>
</tbody>
</table>

### Capacities
<p>| | |</p>
<table>
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<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Fuel</td>
<td>5,0</td>
</tr>
</tbody>
</table>

Technical modifications reserved. Machines may be shown with options.
**REVERSIBLE VIBRATORY PLATES**
BPR 55/65 D, BPR 60/65, BPR 60/65 D

**Fields of application:**
Earthwork and paving applications. Construction of roads, forestry roads and rail-tracks, backfills, trench and sewer line construction, landscape gardening, foundations.

---

**Standard Equipment**
- Engine protection hood
- Comfortable control lever
- Low vibration steering rod
- Height adjustable steering rod
- Steering rod lockable in transport and working position
- Vibration and throttle regulation on the steering rod
- Highly wear-resistant, powder-coated base plate
- Automatic decompression
- Multi-functional, foldable single-point lifting facility
- Extension plates (650mm)
- Electric starter
- Recoil starter
- Back-up drive protection
- Warning signal at low oil level (BPR55/65D)
- 3-2-1 Warranty
- Hour meter

**Optional Equipment**
- ECONOMIZER (+5kg)
- Tool kit
- Special painting
- Plastic mat
- Extension plates (550/750mm)
- Service Kit
- US Version EPA 4 NRTC (BPR60/65D)
- TOUGH WARRANTY

---

**Dimensions in mm**

<table>
<thead>
<tr>
<th></th>
<th>H</th>
<th>H1</th>
<th>H2</th>
<th>L</th>
<th>L1</th>
<th>W</th>
<th>W1</th>
<th>W2</th>
</tr>
</thead>
<tbody>
<tr>
<td>BPR 55/65 D</td>
<td>790</td>
<td>980</td>
<td>1350</td>
<td>1700</td>
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<td>750</td>
</tr>
<tr>
<td>BPR 60/65</td>
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<td>990</td>
<td>1350</td>
<td>1735</td>
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<td>450</td>
<td>650</td>
<td>750</td>
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<tr>
<td>BPR 60/65 D</td>
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## TECHNICAL DATA

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<tr>
<td>Lowest passing height ................ mm</td>
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<td><strong>Drive</strong></td>
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<td>Hatz</td>
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<td>Stage V</td>
<td>StageV/CARB P.3</td>
<td>Stage V</td>
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<td>Cooling ......................</td>
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<td>air</td>
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<tr>
<td>Number of cylinders ..............</td>
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<td>1</td>
<td>1</td>
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<tr>
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<td>8,7</td>
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<td>Diesel</td>
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</table>

Technical modifications reserved. Machines may be shown with options.
STONEGUARD – THE PAVING PLATE
BPR 50/55 D, BPR 55/65 D

Fields of application:
Paving.
Concrete blocks, natural stones (cut; diamond cut), non-bevelled stones, large formats, sensitive surfaces and stone formats, large surfaces and sensitive surrounding objects.

Standard Equipment
- STONEGUARD Special base plate
- Engine protection hood
- Comfortable control lever
- Low vibration steering rod
- Height adjustable steering rod
- Steering rod lockable in transport and working position
- Vibration and throttle regulation on the steering rod
- Highly wear-resistant, powder-coated base plate
- Automatic decompression
- Multi-functional, foldable single-point lifting facility
- Extension plates (650mm)
- Electric starter
- Recoil starter
- Back-up drive protection
- Warning signal at low oil level (BPR55/65D)
- 3-2-1 Warranty
- Hour meter

Optional Equipment
- Tool kit
- Special painting
- Service Kit
- TOUGH WARRANTY

Dimensions in mm

<table>
<thead>
<tr>
<th>Model</th>
<th>H</th>
<th>H1</th>
<th>H2</th>
<th>L</th>
<th>L1</th>
<th>W</th>
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<td>990</td>
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<td>1735</td>
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<td>482 kg</td>
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<td>Basic weight</td>
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<td>477 kg</td>
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<td><strong>Dimensions</strong></td>
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<tr>
<td>Basic working width</td>
<td>680 mm</td>
<td>680 mm</td>
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<tr>
<td>Lowest passing height</td>
<td>800 mm</td>
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<tr>
<td>Min. height w. steering in top position</td>
<td>990 mm</td>
<td>990 mm</td>
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<tr>
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<tr>
<td>Number of cylinders</td>
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<td>1</td>
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<tr>
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<tr>
<td>Speed</td>
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<td>3.000 min⁻¹</td>
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<td>mech.</td>
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<tr>
<td>Fuel</td>
<td>Diesel</td>
<td>Diesel</td>
</tr>
<tr>
<td>Fuel comb. aver. during operation</td>
<td>1.5 l/h</td>
<td>1.4 l/h</td>
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<td><strong>Exciter system</strong></td>
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<td>55 kN</td>
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<tr>
<td>Fuel</td>
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Technical modifications reserved. Machines may be shown with options.
STONEGUARD – THE PAVING PLATE
BPR 60/65, BPR 60/65 D

Fields of application:
Paving.
Concrete blocks, natural stones (cut; diamond cut), non-bevelled stones, large formats, sensitive surfaces and stone formats, large surfaces and sensitive surrounding objects.

Technical Data BOMAG

Dimensions in mm

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<th>H1</th>
<th>H2</th>
<th>L</th>
<th>L1</th>
<th>W</th>
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<td>BPR 60/65 D</td>
<td>800</td>
<td>990</td>
<td>1360</td>
<td>1735</td>
<td>970</td>
<td>680</td>
</tr>
</tbody>
</table>

Standard Equipment
- STONEGUARD Special base plate
- Engine protection hood
- Comfortable control lever
- Low vibration steering rod
- Height adjustable steering rod
- Steering rod lockable in transport and working position
- Vibration and throttle regulation on the steering rod
- Highly wear-resistant, powder-coated base plate
- Automatic decompression
- Multi-functional, foldable single-point lifting facility
- Extension plates (650mm)
- Electric starter
- Recoil starter
- Back-up drive protection
- Warning signal at low oil level (BPR55/65D)
- 3-2-1 Warranty
- Hour meter

Optional Equipment
- Tool kit
- Special painting
- Service Kit
- TOUGH WARRANTY
## TECHNICAL DATA

### Weights
- Operating weight CECE (W) ........................................... kg
- Basic weight ................................................................. kg

### Dimensions
- Basic working width ................................................. mm
- Lowest passing height ............................................... mm
- Min. height w. steering in top position ......................... mm
- Max. height w. steering in top position ......................... mm

### Driving Characteristics
- Working speed, max. ................................................ m/min
- Max. gradeability (dep. on soil con.) ......................... %

### Drive
- Engine manufacturer ..................................................
- Type ..........................................................
- Emission stage ..................................................
- Cooling ..........................................................
- Number of cylinders ...........................................
- Performance ISO 3046 ...........................................
- Speed ...........................................................
- Drive system .....................................................
- Fuel .............................................................
- Fuel comsump. aver. during operation ..................... l/h

### Exciter system
- Frequency ...........................................................
- Centrifugal force ...................................................
- Amplitude ........................................................

### Capacities
- Fuel .............................................................. l

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<td>Lowest passing height</td>
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<td>1.230</td>
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<td>Hatz</td>
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<td>Type</td>
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<td>Stage V</td>
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<td>Cooling</td>
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<td>Diesel</td>
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Technical modifications reserved. Machines may be shown with options.
**REVERSIBLE VIBRATORY PLATES**

**BPR 70/70 D, BPR 100/80 D**

---

### Standard Equipment

- Engine protection hood
- Electric starter
- Tip-Control
- Back-up drive protection
- Low vibration steering rod
- Height adjustable steering rod
- Steering rod lockable in transport and working position
- Vibration and throttle regulation on the steering rod
- Highly wear-resistant, powder-coated base plate
- Automatic shutdown at low oil level
- Multi-functional, foldable single-point lifting facility
- Extension plates (700mm) (BPR70/70D)
- Extension plates (800mm) (BPR100/80D)
- 3-2-1 Warranty
- City mode gas adjustment

### Optional Equipment

- ECONOMIZER (+5kg)
- Tool kit
- Special painting
- Plastic mat
- Extension plates (850mm) (BPR70/70D)
- Extension plates (950mm) (BPR100/80D)
- Service Kit
- Environmentally compliant hydraulic oil
- Safety crank-handle for emergency starting (+3kg)
- US Version EPA 4 NRTC (BPR70/70D:9.2kW)
- TOUGH WARRANTY

---

**Fields of application:**

Earthwork and paving applications.

Construction of roads, forestry roads and railtracks, backfills, trench and sewer line construction, landscape gardening, foundations.

---

**Dimensions in mm**

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<th>H</th>
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<th>H2</th>
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<td>Working width without extension bars (W)</td>
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</tr>
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<td>Lowest passing height</td>
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<td>Max. height w. steering in top position</td>
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<td>Type</td>
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<td>air</td>
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<td>l/h</td>
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Technical modifications reserved. Machines may be shown with options.
**REVERSIBLE VIBRATORY PLATES**
BPR 70/70 D, BPR 100/80 D
(Comfortable control lever)

**Fields of application:**
Earthwork and paving applications.
Construction of roads, forestry roads and railtracks,
backfills, trench and sewer line construction, landscape gardening, foundations.

---

**Standard Equipment**
- Engine protection hood
- Electric starter
- Low vibration steering rod
- Height adjustable steering rod
- Steering rod lockable in transport and working position
- Vibration and throttle regulation on the steering rod
- Highly wear-resistant, powder-coated base plate
- Automatic shutdown at low oil level
- Multi-functional, foldable single-point lifting facility
- Extension plates (700mm) (BPR70/70D)
- Extension plates (800mm) (BPR100/80D)
- Back-up drive protection
- 3-2-1 Warranty
- Hour meter
- City mode gas adjustment

**Optional Equipment**
- ECONOMIZER (+5kg)
- Tool kit
- Special painting
- Plastic mat (BPR70/70D)
- Extension plates (850mm) (BPR70/70D)
- Extension plates (950mm) (BPR100/80D)
- Service Kit
- Safety crank-handle for emergency starting (+3kg)
- US Version EPA 4 NRTC (BPR70/70D: 9.2 kW)
- TOUGH WARRANTY

---

**Technical Data BOMAG**

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<th></th>
<th>H</th>
<th>H1</th>
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## TECHNICAL DATA

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<tr>
<td><strong>Weights</strong></td>
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<tr>
<td>Operating weight CECE (W)</td>
<td>547</td>
<td>677</td>
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<tr>
<td>Operating weight CECE (W1)</td>
<td>570</td>
<td>700</td>
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<td>Operating weight CECE (W2)</td>
<td>585</td>
<td>716</td>
</tr>
<tr>
<td>Basic weight</td>
<td>560</td>
<td>695</td>
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<tr>
<td><strong>Dimensions</strong></td>
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<tr>
<td>Basic working width</td>
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<tr>
<td>Working width without extension bars (W)</td>
<td>550</td>
<td>650</td>
</tr>
<tr>
<td>Lowest passing height</td>
<td>910</td>
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<tr>
<td>Min. height w. steering in top position</td>
<td>1.180</td>
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<td>Max. height w. steering in top position</td>
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<td><strong>Driving Characteristics</strong></td>
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<tr>
<td>Working speed, max.</td>
<td>28</td>
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<tr>
<td>Max. gradeability (dep. on soil con.)</td>
<td>35</td>
<td>35</td>
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<tr>
<td><strong>Drive</strong></td>
<td></td>
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<tr>
<td>Engine manufacturer</td>
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<td>Type</td>
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<tr>
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<tr>
<td>Performance ISO 3046</td>
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<td>Speed</td>
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<td>Drive system</td>
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<td>Fuel</td>
<td>Diesel</td>
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<tr>
<td>Fuel comsump. aver. during operation</td>
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<tr>
<td><strong>Exciter system</strong></td>
<td></td>
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<tr>
<td>Frequency</td>
<td>66</td>
<td>54</td>
</tr>
<tr>
<td>Centrifugal force</td>
<td>70</td>
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<td>Amplitude</td>
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</table>

Technical modifications reserved. Machines may be shown with options.
REVERSIBLE HYDRAULIC PLATE
BPH 80/65 S

Fields of application:
Earthwork.
Construction of roads, forestry roads and railtracks, backfills, trench and sewer line construction, landscape gardening, foundations.

Standard Equipment
- Hydrostatic drive
- Cable remote control
- Electric starter
- Engine protection hood
- Highly wear resistant base plate
- Automatic shutdown at low oil level
- Lockable engine cover and dash board
- Single point lifting device , foldable
- Battery disconnect switch
- Easy Service Concept
- Diagnostic module with fault code display
- Hour meter
- Foldable full protection hood
- 3-2-1 Warranty

Optional Equipment
- Special painting
- Combination remote control cable/radio
- Mobile quick charger
- Service Kit
- Tool kit
- TOUGH WARRANTY

Technical Data BOMAG

<table>
<thead>
<tr>
<th>Dimensions in mm</th>
<th>H</th>
<th>L</th>
<th>L1</th>
<th>W</th>
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Technical modifications reserved. Machines may be shown with options.
### TECHNICAL DATA

#### Weights
- Operating weight CECE (W) kg
- Operating weight CECE (W1) kg
- Basic weight kg

#### Dimensions
- Basic working width mm
- Lowest passing height mm

#### Driving Characteristics
- Working speed, max. m/min
- Max. gradeability (dep. on soil con.) %

#### Drive
- Engine manufacturer
- Type
- Emission stage
- Cooling
- Number of cylinders
- Performance ISO 3046 kW
- Speed min⁻¹
- Drive system
- Fuel
- Fuel comsump. aver. during operation l/h

#### Exciter system
- Frequency Hz
- Amplitude mm
- Centrifugal force kN

#### Capacities
- Fuel l
- Hydraulic l

---

**BOMAG**

**BPH 80/65 S**

- 707
- 750
- 745
- 800
- 785
- 28
- 30
- Hatz
- 1D 90 W
- Stage V
- air
- 1
- 10.9
- 3.000
- hydraulic
- Diesel
- 2.5
- 55
- 1.80
- 80
- 10.0
- 25.0
**HAND-GUIDED SINGLE DRUM VIBRATORY ROLLER**

**BW 55 E**

**Fields of application:**
Earthwork and asphalt applications.
New construction and repairs of sidewalks, hard shoulders, cycle paths, yards and drive ways, children playgrounds, tennis and sports grounds as well as agricultural and forestry road construction.

**Optional Equipment**
- Tool kit
- Special painting
- Service Kit
- TOUGH WARRANTY

**Standard Equipment**
- Sprinkler system
- Vibration dampened steering rod
- Height adjustable steering rod
- Vibration and throttle regulation on the steering rod
- Scrapers front and rear
- Automatic shutdown at low oil level
- Single point lifting device
- Safety control
- Back-up drive protection
- Support bars front and rear
- 3-2-1 Warranty

**Dimensions in mm**

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<thead>
<tr>
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<th>C1</th>
<th>C2</th>
<th>D</th>
<th>H</th>
<th>L</th>
<th>O1</th>
<th>O2</th>
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<td>5</td>
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## TECHNICAL DATA

### Weights
- Operating weight CECE: 150 kg
- Basic weight: 141 kg
- Static linear load CECE: 2,7 kg/cm

### Dimensions
- Working width: 560 mm

### Driving Characteristics
- Speed (1), forward: 0-1,1 km/h
- Speed (1), reverse: 0-1,1 km/h
- Speed (2), forward: 0-1,6 km/h
- Speed (2), reverse: 0-1,6 km/h
- Max. gradeability without/with vibr.: 25/20%

### Drive
- Engine manufacturer: Honda
- Type: GX 120
- Emission stage: StageV/CARB P.3
- Cooling: air
- Number of cylinders: 1
- Performance SAE J 1349: 2,5 kW
- Speed: 2,750 min-1
- Fuel: Gasoline
- Starting device: Recoil starter
- Drive system: mech.
- Fuel consumption, aver. during operation: 0,7 l/h

### Exciter System
- Drive system: mech.
- Frequency: 77 Hz
- Centrifugal force: 0,50 kN

### Sprinkler System
- Type of sprinkling: gravity

### Capacities
- Fuel: 2,5 l
- Water: 16,0 l
HAND-GUIDED SINGLE DRUM VIBRATORY ROLLER
BW 71 E-2

Fields of application:
Earthwork and asphalt applications.
New construction and repairs of sidewalks, hard shoulders, cycle paths, yards and drive ways, children playgrounds, tennis and sports grounds as well as agricultural and forestry road construction.

Standard Equipment
- Hydrostatic drive
- Sprinkler system
- Electric starter
- Engine protection
- Vibration dampered steering rod
- Height adjustable steering rod
- Vibration and throttle regulation on the steering rod
- Scrapers front and rear
- Protective engine covering
- Single point lifting device
- Safety control
- Back-up drive protection
- Support bars front and rear
- 3-2-1 Warranty

Optional Equipment
- Support wheel+Parking brake
- Tool kit
- Special painting
- Service Kit
- Environmentally compliant hydraulic oil
- TOUGH WARRANTY

Dimensions in mm

<table>
<thead>
<tr>
<th></th>
<th>B</th>
<th>C1</th>
<th>C2</th>
<th>D</th>
<th>H</th>
<th>L</th>
<th>O1</th>
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### Technical Data

**Weights**
- Operating weight CECE: 488 kg
- Basic weight: 471 kg
- Static linear load CECE: 7.0 kg/cm

**Dimensions**
- Working width: 710 mm

**Driving Characteristics**
- Speed (1), forward: 0 - 1.6 km/h
- Speed (1), reverse: 0 - 1.6 km/h
- Speed (2), forward: 0 - 2.5 km/h
- Speed (2), reverse: 0 - 2.5 km/h
- Max. gradeability without/with vibr.: 25/20%

**Drive**
- Engine manufacturer: Hatz
- Type: 1B 20
- Emission stage: Stage V
- Cooling: air
- Number of cylinders: 1
- Performance ISO 3046: 3.4 kW
- Speed: 3,200 min-1
- Fuel: Diesel
- Starting device: El.-starter
- Drive system: Hydost.
- Fuel consumption, aver. during operation: 0.8 l/h

**Exciter System**
- Drive system: mech.
- Frequency: 75 Hz
- Amplitude: 0.43 mm
- Centrifugal force: 16 kN

**Sprinkler System**
- Type of sprinkling: Gravity

**Capacities**
- Fuel: 5.1 l
- Water: 25.0 l

---

Technical modifications reserved. Machines may be shown with options.
HAND-GUIDED DOUBLE DRUM VIBRATORY ROLLERS  
— HYDROSTATIC DRIVE —  
BW 65 H, BW 75 H

Fields of application:
Earthwork and asphalt applications.  
New construction and repairs of sidewalks, hard shoulders, cycle paths, yards and drive ways, children playgrounds, tennis and sports grounds as well as agricultural and forestry road construction.

Standard Equipment
- Hydrostatic drive  
- Double vibration  
- Mechanical vibration drive  
- Electric starter  
- Infinitely variable speed control  
- Sprinkler system  
- Vibration dampened steering rod  
- Height adjustable steering rod  
- Vibration and throttle regulation on the steering rod  
- 2 scrapers per drum  
- Automatic shutdown at low oil level (BW65H)  
- Single point lifting device  
- Safety crank handle (BW65H)  
- * Safety control  
- * Back-up drive protection  
- * Parking brake  
- 3-2-1 Warranty

Optional Equipment
- Parking brake  
- Tool kit  
- Special painting  
- Service Kit  
- US Version EPA 4 NRTC (BW65H)  
- TOUGH WARRANTY

* Standard delivery with CE conformity (valid within European Union) (+5kg)
**TECHNICAL DATA**

**Weights**
- Operating weight CECE ....................... kg
- Basic weight ................................................. kg
- Average axle load CECE ............................... kg
- Average static linear load CECE .............. kg/cm

**Dimensions**
- Overall length, min. ................................. mm

**Driving Characteristics**
- Speed (1), forward ............................... km/h
- Speed (1), reverse ................................. km/h
- Max. gradeability without/with vibr. ........ %

**Drive**
- Engine manufacturer .................................
- Type .........................................................
- Emission stage ...........................................
- Cooling ......................................................
- Number of cylinders .................................
- Performance ISO 3046 ................................. kW
- Speed ....................................................... min-1
- Fuel ...............................................................
- Drive system ..............................................
- Driven drum ..............................................
- Fuel consump. aver. during operation ........ l/h

**Brakes**
- Service brake .............................................
- Parking brake .............................................

**Exciter system**
- Vibrating drum ...........................................
- Drive system ..............................................
- Frequency .................................................. Hz
- Amplitude .................................................. mm
- Centrifugal force ......................................... kN

**Sprinkler System**
- Type of sprinkling ....................................

**Capacities**
- Fuel .............................................................. l
- Water .............................................................. l

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<td>6,9</td>
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<td>1,230</td>
<td>1,360</td>
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<td>Yanmar</td>
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<td>Stage V</td>
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<tr>
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<tr>
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<td>22</td>
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<tr>
<td>gravity</td>
<td>gravity</td>
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</table>

Technical modifications reserved. Machines may be shown with options.
MULTI PURPOSE COMPACTOR
BMP 8500

Fields of application:
Earthwork.
Trench and sewer line construction, backfills and foundation work – wherever high demands are placed on mobility, manoeuvrability and simple operation under severe soil conditions.

Standard Equipment
- ECOMODE
- Drum extensions (610/850mm)
- Hydrostatic articulated steering, maintenance free
- Combination remote control cable/radio
- Dual directed-vibration system
- Two travel speed ranges
- 2 amplitudes
- Intelligent Vibration Control (IVC)
- Electric starter
- BOMAG Operator Safety System
- 2 scrapers per drum
- Battery disconnect switch
- Automatic shutdown at low oil level
- Automatic engine shut down at a lateral tipping angle of 45°
- Full prot. hoods made of impact resistant compound material
- Single point lifting device
- Lockable engine cover and dash board
- Easy Service Concept
  - Diagnostic module with fault code display
  - Hour meter
  - Foldable full protection hood
- 3-2-1 Warranty

Optional Equipment
- Environmentally compliant hydraulic oil
- Smooth drum (-45kg Amplitude 1.59/0.86mm)
- Special painting
- Mobile quick charger
- Scrapers 610/850mm
- Service Kit
- ECONOMIZER
- TOUGH WARRANTY

Technical Data BOMAG

<table>
<thead>
<tr>
<th>Dimensions in mm</th>
<th>A</th>
<th>D</th>
<th>H</th>
<th>K</th>
<th>L</th>
<th>S</th>
<th>W</th>
<th>W1</th>
</tr>
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<tbody>
<tr>
<td>BMP 8500</td>
<td>1000</td>
<td>520</td>
<td>1275</td>
<td>197</td>
<td>1897</td>
<td>16</td>
<td>850</td>
<td>610</td>
</tr>
</tbody>
</table>
### TECHNICAL DATA

#### Weights
- Operating weight CECE: 1,595 kg
- Basic weight: 1,585 kg
- Average axle load CECE: 798 kg

**Driving Characteristics**
- Speed (1), forward: 1.2 km/h
- Speed (1), reverse: 1.2 km/h
- Speed (2), forward: 2.8 km/h
- Speed (2), reverse: 2.8 km/h
- Max. gradeability without/with vibr.: 55/45%

#### Drive
- Engine manufacturer: Kubota
- Type: D 1005
- Emission stage: Stage V / TIER4f
- Cooling: water
- Number of cylinders: 3
- Performance ISO 3046: 14.5 kW
- Speed: 2,600 min⁻¹
- Fuel: Diesel
- Drive system: hydromec.
- Driven drum: front + rear
- Fuel consumption, aver. during operation: 3.1 l/h

#### Brakes
- Service brake: hydraulic
- Parking brake: hydraulic

#### Exciter system
- Vibrating drum: 42/42 Hz
- Drive system: hydraulic
- Frequency: 42/42 Hz
- Amplitude: 1,12/0.56 mm
- Centrifugal force: 72/36 kN

#### Capacities
- Fuel: 24.0 l

---

Technical modifications reserved. Machines may be shown with options.


**MULTI PURPOSE COMPACTOR**

**BMP 8500**

---

**Fields of application:**

Earthwork.

Trench and sewer line construction, backfills and foundation work – wherever high demands are placed on mobility, manoeuvrability and simple operation under severe soil conditions.

---

**Dimensions in mm**

<table>
<thead>
<tr>
<th>A</th>
<th>D</th>
<th>H</th>
<th>K</th>
<th>L</th>
<th>S</th>
<th>W</th>
<th>W1</th>
</tr>
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<tbody>
<tr>
<td>BMP 8500</td>
<td>1000</td>
<td>520</td>
<td>1275</td>
<td>197</td>
<td>1897</td>
<td>16</td>
<td>850</td>
</tr>
</tbody>
</table>

---

**Standard Equipment**

- ECOMODE
- Drum extensions (610/850mm)
- Hydrostatic articulated steering, maintenance free
- Combination remote control cable/radio
- Dual directed-vibration system
- Two travel speed ranges
- 2 amplitudes
- Intelligent Vibration Control (IVC)
- Electric starter
- BOMAG Operator Safety System
- 2 scrapers per drum
- Battery disconnect switch
- Automatic shutdown at low oil level
- Automatic engine shut down at a lateral tipping angle of 45°
- Full prot. hoods made of impact resistant compound material
- Single point lifting device
- Lockable engine cover and dash board
- Easy Service Concept
  - Diagnostic module with fault code display
  - Hour meter
  - Foldable full protection hood
- 3-2-1 Warranty

**Optional Equipment**

- Environmentally compliant hydraulic oil
- Smooth drum (-45kg Amplitude 1,59/0,86mm)
- Special painting
- Mobile quick charger
- Scrapers 610/850mm
- Service Kit
- ECONOMIZER
- TOUGH WARRANTY
### TECHNICAL DATA

#### Weights
- Operating weight CECE .......................... kg
- Basic weight ......................................... kg
- Average axle load CECE ......................... kg

#### Driving Characteristics
- Speed (1), forward .............................. km/h
- Speed (1), reverse ............................... km/h
- Speed (2), forward .............................. km/h
- Speed (2), reverse ............................... km/h
- Max. gradeability without/with vibr. ...... %

#### Drive
- Engine manufacturer .............................
- Type ...................................................
- Emission stage .....................................
- Cooling .............................................
- Number of cylinders ............................
- Performance ISO 3046 .......................... kW
- Speed .............................................. min-1
- Fuel ...................................................
- Drive system ......................................
- Driven drum ......................................
- Fuel consumption, aver. during operation l/h

#### Brakes
- Service brake ......................................
- Parking brake .....................................

#### Exciter system
- Vibrating drum ....................................
- Drive system ......................................
- Frequency ........................................ Hz
- Amplitude ........................................ mm
- Centrifugal force ................................. kN

#### Capacities
- Fuel ..................................................... l

#### BOMAG

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<thead>
<tr>
<th>BMP 8500</th>
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<td>KDW 1003</td>
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Technical modifications reserved. Machines may be shown with options.
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- BW 100 AD-5, BW 120 AD-5
- BW 100 SL-5, BW 120 SL-5
- BW 100 SL-5, BW 120 SL-5
- BW 131 AD-5
- BW 135 AD-5, BW 138 AD-5
- BW 141 AD-5, BW 151 AD-5, BW 154 AD-5
- BW 151 AD-5 H, BW 151 AD-5 SH, BW 154 AD-5 SH
- BW 161 AD-5, BW 190 AD-5, BW 202 AD-5
- BW 191 AD-5, BW 206 AD-5
- BW 151 AD-5 AM, BW 161 AD-5 AM
- BW 191 AD-5 AM, BW 206 AD-5 AM
- BW 161 ADO-5, BW 190 ADO-5, BW 202 ADO-5
- BW 191 ADO-5, BW 206 ADO-5
- BW 141 AD-50, BW 151 AD-50
- BW 151 AD-50 H, BW 151 AD-50 SH
- BW 161 AD-50, BW 202 AD-50, BW 206 AD-50
- BW 161 AD-50 AM, BW 191 AD-50 AM, BW 206 AD-50 AM
- BW 161 ADO-50, BW 202 ADO-50
- BW 154 AP-4V, BW 174 AP-4F
- BW 174 HYBRID
- BW 154 APO-4V, BW 174 APO-4F
- BW 154 AP-4V AM, BW 174 AP-4F AM
- BW 161 AD-4
- BW 202 AD-4, BW 203 AD-4
- BW 203 ADO-4
- BW 203 AD-4 AM
- BW 205 AD-4

## Combination Rollers
- BW 90 AC-5 64
- BW 100 ACM-5, BW 100 SCC-5
- BW 100 AC-5, BW 120 AC-5
- BW 100 AC-5, BW 120 AC-5
- BW 115 AC-5, BW 131 ACW-5
- BW 138 AC-5
- BW 138 AC-5
- BW 151 AC-5, BW 161 AC-5
- BW 154 ACP-4V, BW 174 ACP-4F
- BW 154 ACP-4V AM, BW 174 ACP-4F AM
- BW 151 AC-50, BW 161 AC-50

## Pneumatic Tyred Rollers
- BW 11 RH-5 - Tier 3 148
- BW 11 RH-5 - Tier 4 final
- BW 24 RH, BW 27 RH
- BW 28 RH
- BW 28 RH

## Paver
- BF 223 C 158
- BF 300 C 160
- BF 300 P 162
- BF 300 C-2 164
- BF 300 P-2 166
- BF 600 C-2 - Tier 3 168
- BF 600 C-2 - Tier 4f 170
- BF 600 P-2 - Tier 3 172
- BF 600 P-2 - Tier 4f 174
- BF 700 C-2 - Tier 3 176
- BF 700 C-2 - Tier 4f 178
- BF 800 C - Tier 3 180
- BF 800 C-2 - Tier 4 182
- BF 800 P - Tier 3 184
- BF 900 C - Tier 3 186
- BMF 2500 - Tier 3 188
- BMF 2500 - Tier 4 190
**TANDEM ROLLERS**
BW 80 AD-5, BW 90 AD-5, BW 100 ADM-5

**Fields of application:**
Earthwork and asphalt applications.
New construction and repair work for medium and small scale construction projects, on parking lots, sidewalks, cycle paths, playing fields and sports grounds as well as rolling of joints in road construction.

**Standard Equipment**
- Hydrostatic travel and vibration drive
- Travel drive in series
- 2 scrapers per drum, spring loaded and tiltable
- Pressure sprinkler system with interval switch
- Multi function travel lever
- Multi-function display incl. operating hour meter
- Water level
- Emergency STOP
- Individual control, vibration
- Intelligent Vibration Control (IVC)
- Integrated stowage compartment
- Adjustable operator's seat
- Seat contact switch
- Vandalism protection
- 12V socket
- Working lights front and rear
- Back-up alarm
- Lashing eyes, galvanized
- Single point lifting device
- Lockable engine hood made of composite material

**Optional Equipment**
- * Foldable ROPS incl. seat belt
- Double travel lever
- Seat heating
- ECONOMIZER with asphalt temperature display
- Temperature display
- BOMAG TELEMATIC
- Theft protection
- Indicator and hazard lights
- Rotary beacon
- Optional lighting on ROPS
- Battery disconnect switch
- Environmentally compliant hydraulic oil
- Special painting
- Edge cutter
- Port for hydraulik breaker
- Backup warning buzzer with broadband technology

* Standard delivery with CE conformity (valid within European Union)

**Dimensions in mm**

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<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>H</th>
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## TECHNICAL DATA

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<td>Stage V / TIER4f</td>
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<tr>
<td>Number of cylinders</td>
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<tr>
<td>Driven drum</td>
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<td>front + rear</td>
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<table>
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</thead>
<tbody>
<tr>
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<thead>
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<th>BOMAG BW 90 AD-5</th>
<th>BOMAG BW 100 ADM-5</th>
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<tr>
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<td>oscil.artic.</td>
<td>oscil.artic.</td>
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<td>Steering / oscillating angle +/-</td>
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<td>33/8</td>
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<th>BOMAG BW 90 AD-5</th>
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</thead>
<tbody>
<tr>
<td>Vibrating drum</td>
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<td>front + rear</td>
<td>front + rear</td>
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<td>42/63</td>
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<td>Amplitude</td>
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<table>
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<td>Type of sprinkling</td>
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<td>Water</td>
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Technical modifications reserved. Machines may be shown with options.
**TANDEM ROLLERS**

**BW 90 SC-5, BW 100 SC-5**

*Fields of application:*

Earthwork and asphalt applications. New construction and repair work for medium and small scale construction projects, on parking lots, sidewalks, cycle paths, playing fields and sports grounds as well as rolling of joints in road construction.

**Dimensions in mm**

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<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>H</th>
<th>H2</th>
<th>K</th>
<th>L</th>
<th>O</th>
<th>S</th>
<th>W</th>
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</thead>
<tbody>
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<td>2304</td>
<td>255</td>
<td>2194</td>
<td>52</td>
<td>12</td>
<td>960</td>
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<tr>
<td>BW 100 SC-5</td>
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<td>580</td>
<td>1627</td>
<td>2304</td>
<td>255</td>
<td>2194</td>
<td>52</td>
<td>12</td>
<td>1060</td>
</tr>
</tbody>
</table>

**Standard Equipment**

- Side-clearance roller (drum offset 60-100 mm)
- Hydrostatic travel and vibration drive
- Travel drive in series
- 2 scrapers per drum, spring loaded and tiltable
- Pressure sprinkler system with interval switch
- Multi function travel lever
- Multi-function display incl. operating hour meter
- Water level
- Emergency STOP
- Individual control, vibration
- Intelligent Vibration Control (IVC)
- Integrated stowage compartment
- Adjustable operator's seat
- Seat contact switch
- Vandalism protection
- 12V socket
- Working lights front and rear
- Back-up alarm
- Lockable engine hood made of composite material
- Lashing eyes, galvanized
- Single point lifting device

**Optional Equipment**

- ROPS with safety belt
- * Foldable ROPS incl. seat belt Double
- travel lever
- Seat heating
- BOMAG TELEMATIC
- Theft protection
- Indicator and hazard lights
- Rotary beacon
- Optional lighting on ROPS
- Battery disconnect switch
- Environmentally compliant hydraulic oil
- Special painting
- Edge cutter
- Port for hydraulik breaker
- Backup warning buzzer with broadband technology
- Temperature display

* Standard delivery with CE conformity (valid within European Union)
<table>
<thead>
<tr>
<th><strong>Weights</strong></th>
<th><strong>BOMAG BW 90 SC-5</strong></th>
<th><strong>BOMAG BW 100 SC-5</strong></th>
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<tbody>
<tr>
<td>Operating weight CECE</td>
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<td>Average static linear load CECE</td>
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<td>Grossweight</td>
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<td>Working width</td>
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<td>Track radius, inner</td>
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<th><strong>Driving Characteristics</strong></th>
<th><strong>BOMAG BW 90 SC-5</strong></th>
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<tbody>
<tr>
<td>Speed</td>
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<tr>
<td>Working speed with vibration</td>
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<td>Max. gradeability without/with vibr.</td>
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<tr>
<th><strong>Drive</strong></th>
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<td>Stage V / TIER4f</td>
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<td>Number of cylinders</td>
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<td>Performance ISO 14396</td>
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<td>Speed</td>
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<td>Speed adjustment 2</td>
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<tr>
<td>Electric equipment</td>
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</tr>
<tr>
<td>Driven drum</td>
<td>front + rear</td>
<td>front + rear</td>
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<tr>
<td>Steering method</td>
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<tr>
<td>Steering / oscillating angle +/-</td>
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<td>Crab walk</td>
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<thead>
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<tr>
<td>Water</td>
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<td>100,0</td>
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Technical modifications reserved. Machines may be shown with options.
Fields of application:
Earthwork and asphalt applications. New construction and repair work for medium and small scale construction projects, on parking lots, sidewalks, cycle paths, playing fields and sports grounds as well as rolling of joints in road construction.

Dimensions in mm

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<td>900</td>
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Standard Equipment
- Hydrostatic travel and vibration drive
- Travel drive in series
- Front drum vibration
- Vibration control in travel lever
- Oscillating artic. center joint
- Hydrostatic articulated steering
- Mechanical parking brake
- 2 scrapers per drum
- Plastic water tank
- Pressure sprinkler system
- Hour meter
- Low fuel level indicator
- Control and warning indicator lights
- Automatic shutdown at low oil level
- Lockable anti vandal dashboard protection
- Seat belt
- Single point lifting device
- Transport lashing and lifting points front/rear
- Lockable engine cover
- Emergency engine shut down
- Corrosion and weather protected ignition switch
- Back-up alarm

Optional Equipment
- ROPS
- Foldable ROPS
- Working lights front and rear
## TECHNICAL DATA

### Weights
- Operating weight CECE .............................. kg
- Average axle load CECE ............................ kg
- Average static linear load CECE .................... kg/cm

### Dimensions
- Working width ........................................ mm
- Track radius, inner .................................. mm

### Driving Characteristics
- Working speed with vibration ..................... km/h
- Max. travel speed .................................... km/h
- Max. gradeability without/with vibr. .......... %

### Drive
- Engine manufacturer ..............................
- Type ..................................................
- Cooling ............................................
- Number of cylinders .............................
- Performance SAE J 1349 ......................... kW
- Speed ............................................. min⁻¹
- Electric equipment ..............................
- Drive system .....................................
- Driven drum .....................................

### Brakes
- Service brake ......................................
- Parking brake ....................................

### Steering
- Steering system ...................................
- Steering method .................................
- Steering angle +/- ............................... grad
- Oscillating angle +/- ......................... grad

### Exciter system
- Vibrating drum .................................
- Drive system ....................................
- Frequency ...................................... Hz
- Amplitude ....................................... mm
- Centrifugal force ............................... kN

### Sprinkler System
- Type of sprinkling ..............................

### Capacities
- Fuel ............................................... l
- Water ............................................. l

---

**BOMAG**

**BW 900-50**

<table>
<thead>
<tr>
<th>Dimension/Characteristic</th>
<th>Value</th>
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<tbody>
<tr>
<td>Average static linear load CECE</td>
<td>6,7 kg/cm</td>
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<tr>
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<td>Average axle load CECE</td>
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<tr>
<td>Working width</td>
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<tr>
<td>Track radius, inner</td>
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<tr>
<td>Working speed with vibration</td>
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<td>SAE J 1349 Performance</td>
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<td>Drive system</td>
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<td>Driven drum</td>
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<td>Parking brake</td>
<td>mech.</td>
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<tr>
<td>Service brake</td>
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<td>Track radius, inner</td>
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<td>Centrifugal force</td>
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Technical modifications reserved. Machines may be shown with options.
**TANDEM ROLLERS**
BW 100 AD-5, BW 120 AD-5

**Fields of application:**
Earthwork and asphalt applications.
New construction and repair work for medium and small scale construction projects, on parking lots, sidewalks, cycle paths, playing fields and sports grounds as well as rolling of joints in road construction.

**Dimensions in mm**

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<tr>
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<th>W</th>
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</thead>
<tbody>
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<td>BW 100 AD-5</td>
<td>1752</td>
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<td>523</td>
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<td>1808</td>
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<td>13</td>
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</tr>
<tr>
<td>BW 120 AD-5</td>
<td>1752</td>
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<td>254</td>
<td>2529</td>
<td>36</td>
<td>13</td>
<td>1200</td>
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</tbody>
</table>

**Standard Equipment**
- Hydrostatic travel and vibration drive
- Travel drive in series
- 2 scrapers per drum, spring loaded and tiltable
- Pressure sprinkler system with interval switch
- Multi function travel lever
- Multi-function display incl. operating hour meter
- Water level
- Emergency STOP
- Individual control, vibration
- Intelligent Vibration Control (IVC)
- Integrated stowage compartment
- Adjustable operator's seat
- Seat contact switch
- Vandalism protection
- 12V socket
- Working lights front and rear
- Back-up alarm
- Lashing eyes, galvanized
- Single point lifting device
- Lockable engine hood made of composite material

**Optional Equipment**
- * Foldable ROPS incl. seat belt
- Sun roof, foldable with ROPS
- Weather protection for sun roof
- Seat heating
- Sliding seat incl. double travel lever
- ECONOMIZER with asphalt temperature display
- Temperature display
- BOMAG TELEMATIC
- Indicator and hazard lights
- Rotary beacon
- Optional lighting on ROPS
- Lighting for drum edge
- Battery disconnect switch
- Environmentally compliant hydraulic oil
- Theft protection
- Edge cutter-right/left
- Gravel scratter
- Hydraulically adjustable crabwalk (50mm)
- Pointer
- Special painting
- Backup warning buzzer with broadband technology
- Flow divider

* Standard delivery with CE conformity (valid within European Union)
## TECHNICAL DATA

### Weights
- Operating weight w. ROPS CECE: 2.500 kg
- Average static linear load CECE: 12.5 kg/cm
- Grossweight: 3.300 kg

### Dimensions
- Working width: 1.000 mm
- Track radius, inner: 2.550 mm

### Driving Characteristics
- Speed: 0-10,0 km/h
- Working speed with vibration: 0-10,0 km/h
- Max. gradeability without vib.: 40/30%

### Drive
- Engine manufacturer: Kubota
- Type: D 1703
- Emission stage: Stage IIIa / TIER4i water
- Number of cylinders: 3
- Performance ISO 14396: 24.3 kW
- Performance SAE J 1995: 32.6 hp
- Speed: 2.600 min⁻¹
- Speed adjustment 1: 2.500 min⁻¹
- Speed adjustment 2: 2.600 min⁻¹
- Electric equipment: 12 V
- Driven drum: front + rear hydromec.

### Brakes
- Service brake: hydromec.
- Parking brake: hydromec.

### Steering
- Steering system: oscil.artic.
- Steering method: hydrost.
- Steering / oscillating angle +/⁻: 32/10 grad
- Crab walk: 0-50

### Exciter system
- Vibrating drum: front + rear
- Drive system: hydromec.
- Frequency: 63/67 Hz
- Amplitude: 0.50 mm
- Centrifugal force: 30/34 kN

### Sprinkler System
- Type of sprinkling: pressure
- Water: 205,0 l

### Capacities
- Fuel: 35,0 l
- Water: 205,0 l

Technical modifications reserved. Machines may be shown with options.
TANDEM ROLLERS
BW 100 AD-5, BW 120 AD-5

Fields of application:
Earthwork and asphalt applications.
New construction and repair work for medium and small scale construction projects, on parking lots, sidewalks, cycle paths, playing fields and sports grounds as well as rolling of joints in road construction.

Dimensions in mm

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Standard Equipment
- Hydrostatic travel and vibration drive
- Travel drive in series
- 2 scrapers per drum, spring loaded and tiltable
- Pressure sprinkler system with interval switch
- Multi function travel lever
- Multi-function display incl. operating hour meter
- Water level
- Emergency STOP
- Individual control, vibration
- Intelligent Vibration Control (IVC)
- Integrated stowage compartment
- Adjustable operator's seat
- Seat contact switch
- Vandalism protection
- 12V socket
- Working lights front and rear
- Back-up alarm
- Lashing eyes, galvanized
- Single point lifting device
- Lockable engine hood made of composite material

Optional Equipment
- * Foldable ROPS incl. seat belt
- Sun roof, foldable with ROPS
- Weather protection for sun roof
- Seat heating
- Sliding seat incl. double travel lever
- ECONOMIZER with asphalt temperature display
- Temperature display
- BOMAG TELEMATIC
- Indicator and hazard lights
- Rotary beacon
- Optional lighting on ROPS
- Lighting for drum edge
- Battery disconnect switch
- Environmentally compliant hydraulic oil
- Theft protection
- Edge cutter-right/left
- Gravel scatter
- Hydraulically adjustable crabwalk (50mm)
- Pointer
- Special painting
- Backup warning buzzer with broadband technology
- Flow divider

* Standard delivery with CE conformity (valid within European Union)
## TECHNICAL DATA

### Weights
- Operating weight w. ROPS CECE: 2.600 kg/BW 100 AD-5, 2.750 kg/BW 120 AD-5
- Average static linear load CECE: 13.0 kg/cm
- Grossweight: 3.400 kg/BW 100 AD-5, 3.500 kg/BW 120 AD-5

### Dimensions
- Working width: 1.000 mm/BW 100 AD-5, 1.200 mm/BW 120 AD-5
- Track radius, inner: 2.550 mm/BW 100 AD-5, 2.450 mm/BW 120 AD-5

### Driving Characteristics
- Speed: 0-10.0 km/h/BW 100 AD-5, 0-10.0 km/h/BW 120 AD-5
- Working speed with vibration: 0-10.0 km/h/BW 100 AD-5, 0-10.0 km/h/BW 120 AD-5
- Max. gradeability without/with vib.: 40/30%

### Drive
- Engine manufacturer: Kubota D1803/BW 100 AD-5, Kubota D1803/BW 120 AD-5
- Type: Stage V / TIER4f
- Emission stage: Diesel Particulate Filter (DPF)
- Exhaust gas aftertreatment: Kubota D1803/BW 100 AD-5, Kubota D1803/BW 120 AD-5
- Performance ISO 14396 kW: 24.6 kW/BW 100 AD-5, 24.6 kW/BW 120 AD-5
- Performance SAE J 1995 hp: 33.0 hp/BW 100 AD-5, 33.0 hp/BW 120 AD-5
- Cooling: Water
- Number of cylinders: 3
- Fuel: Gasoline

### Brakes
- Service brake: Mechanical (mech.)
- Parking brake: Hydrostatic (hydrost.)

### Steering
- Steering system: Osc. artic.
- Steering method: Hydrostatic (hydromec.)
- Steering / oscillating angle +/-: 32/10 grad
- Crab walk: 0-50 grad

### Exciter system
- Vibrating drum: 63/67 Hz
- Drive system: Hydrostatic (hydromec.)
- Frequency: 63/67 Hz/BW 100 AD-5, 63/67 Hz/BW 120 AD-5
- Amplitude: 0.50 mm/BW 100 AD-5, 0.50 mm/BW 120 AD-5
- Centrifugal force: 36/41 kN/BW 100 AD-5, 36/41 kN/BW 120 AD-5

### Sprinkler System
- Type of sprinkling: Pressure
- Water: 205,0 l/BW 100 AD-5, 205,0 l/BW 120 AD-5

### Capabilities
- Fuel: 35,0 l/BW 100 AD-5, 35,0 l/BW 120 AD-5
- Water: 205,0 l/BW 100 AD-5, 205,0 l/BW 120 AD-5

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Technical modifications reserved. Machines may be shown with options.
TANDEM ROLLERS
BW 100 SL-5, BW 120 SL-5

Fields of application:
Earthwork and asphalt applications.
New construction and repair work for medium and small scale construction projects, on parking lots, sidewalks, cycle paths, playing fields and sports grounds as well as rolling of joints in road construction.

Dimensions in mm

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Standard Equipment
- Hydrostatic travel and vibration drive
- Travel drive in series
- 2 scrapers per drum, spring loaded and tiltable
- Pressure sprinkler system with interval switch
- Multi function travel lever
- Multi-function display incl. operating hour meter
- Water level
- Emergency STOP
- Individual control, vibration
- Intelligent Vibration Control (IVC)
- Integrated stowage compartment
- Adjustable operator's seat
- Seat contact switch
- Vandalism protection
- 12V socket
- Working lights front and rear
- Back-up alarm
- Lashing eyes, galvanized
- Single point lifting device
- Lockable engine hood made of composite material

Optional Equipment
- Foldable ROPS incl. seat belt
- Sun roof, foldable with ROPS
- Sliding seat incl. double travel lever
- ECONOMIZER with asphalt temperature display
- BOMAG TELEMATIC
- Indicator and hazard lights
- Rotary beacon
- Battery disconnect switch
- Theft protection
- Pointer
- Special painting

Fields of application:
Earthwork and asphalt applications.
New construction and repair work for medium and small scale construction projects, on parking lots, sidewalks, cycle paths, playing fields and sports grounds as well as rolling of joints in road construction.

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### TECHNICAL DATA

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<tr>
<td><strong>Weights</strong></td>
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<tr>
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</tr>
<tr>
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<td>Grossweight</td>
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<tr>
<td>Track radius, inner</td>
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<td><strong>Driving Characteristics</strong></td>
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<td>km/h</td>
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<td>kW</td>
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<td>Parking brake</td>
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<tr>
<td><strong>Steering</strong></td>
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<tr>
<td>Steering system</td>
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<tr>
<td>Steering method</td>
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<tr>
<td>Steering / oscillating angle +/−</td>
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<td>Type of sprinkling</td>
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<tr>
<td><strong>Capacities</strong></td>
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<tr>
<td>Water</td>
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</table>

Technical modifications reserved. Machines may be shown with options.
TANDEM ROLLERS
BW 100 SL-5, BW 120 SL-5

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Fields of application:
Earthwork and asphalt applications.
New construction and repair work for medium and small scale construction projects, on parking lots, sidewalks, cycle paths, playing fields and sports grounds as well as rolling of joints in road construction.

Standard Equipment
- Hydrostatic travel and vibration drive
- Travel drive in series
- 2 scrapers per drum, spring loaded and tiltable
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- Multi-function display incl. operating hour meter
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- Adjustable operator's seat
- Seat contact switch
- Vandalism protection
- 12V socket
- Working lights front and rear
- Back-up alarm
- Lashing eyes, galvanized
- Single point lifting device
- Lockable engine hood made of composite material

Optional Equipment
- Foldable ROPS incl. seat belt
- Sun roof, foldable with ROPS
- Sliding seat incl. double travel lever
- ECONOMIZER with asphalt temperature display
- BOMAG TELEMATIC
- Indicator and hazard lights
- Rotary beacon
- Battery disconnect switch
- Theft protection
- Pointer
- Special painting
- Weather protection for sun roof
- Double travel lever
- Optional lighting on ROPS
- Rotary beacon
- Seat heating
- Biodegradable hydraulic oil
- Broadband buzzer
- Edge cutter
- Lighting for drum edge
### TECHNICAL DATA

#### Weights
- Operating weight w. ROPS CECE: 2,350 kg
- Average static linear load CECE: 11,8 kg/cm
- Grossweight: 2,800 kg

#### Dimensions
- Working width: 1,000 mm
- Track radius, inner: 2,550 mm

#### Driving Characteristics
- Speed: 0-9,0 km/h
- Working speed with vibration: 0-5,0 km/h
- Max. gradeability without/w. vibr.: 40/30 %

#### Drive
- Engine manufacturer: Kubota D 1703
- Type: Stage V / TIER4f
- Emission stage: water
- Number of cylinders: 3
- Performance ISO 14396: 18,5 kW
- Performance SAE J 1995: 25,0 hp
- Speed: 2,200 min-1
- Electric equipment: 12 V
- Driven drum: front + rear

#### Brakes
- Service brake: hydromec.
- Parking brake: hydromec.

#### Steering
- Steering system: oscill.artic.
- Steering method: hydromec.
- Steering / oscillating angle +/-: 0-50 grad
- Crab walk: 32/10

#### Exciter system
- Vibrating drum: front + rear
- Drive system: hydromec.
- Frequency: 72/65 Hz
- Amplitude: 0,50 mm
- Centrifugal force: 34/26 kN

#### Sprinkler System
- Type of sprinkling: pressure

#### Capacities
- Fuel: 35,0 l
- Water: 165,0 l
Fields of application:
Compaction of asphalt layers, wear courses and frost blanket wlayers in new constructions and repair work on confined, small and medium scale construction projects, e.g. walkways and cycle paths, parking lots, play and sports grounds. Support for large tandem rollers in road construction, e.g. rolling of joints, pre-compaction.

Dimensions in mm

<table>
<thead>
<tr>
<th></th>
<th>A</th>
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<tbody>
<tr>
<td>BW 131 AD-5</td>
<td>2300</td>
<td>1380</td>
<td>625</td>
<td>800</td>
<td>1700</td>
<td>250</td>
<td>3100</td>
<td>40</td>
<td>15</td>
<td>1300</td>
</tr>
</tbody>
</table>

Standard Equipment
- Hydrostatic drive
- 2 scrapers per drum
- Multi-function display incl. operating hour meter
- Fuel level indicator
- Engine temperature
- Speedometer
- 2 travel levers with integrated switches for vibration
- Emergency stop button
- Emergency brake
- Intelligent vibration control (IVC)
- Comfort driver's seat
- Back-up alarm
- Working lights front and rear
- Outside mirrors

Optional Equipment
- ECONOMIZER
- Rotary beacon
- Sun roof
- Ultrasonic sensor for backup alarm system
### TECHNICAL DATA

#### Weights
- Operating weight CECE: \( \text{kg} \)
- Static linear load, front CECE: \( \text{kg/cm} \)
- Max. weight: \( \text{kg} \)

#### Dimensions
- Track radius, inner: \( \text{mm} \)

#### Driving Characteristics
- Speed (2): \( \text{km/h} \)
- Speed (1): \( \text{km/h} \)
- Max. gradeability without with vibr.: \( \% \)

#### Drive
- Engine manufacturer: \( \)
- Type: \( \)
- Emission stage: \( \)
- Cooling: \( \)
- Number of cylinders: \( \)
- Performance ISO 9249: \( \text{kW} \)
- Performance SAE J 1995: \( \text{hp} \)
- Speed: \( \text{min}^{-1} \)
- Electric equipment: \( \text{V} \)
- Driven drum: \( \)

#### Brakes
- Service brake: \( \)
- Parking brake: \( \)

#### Steering
- Steering system: \( \)
- Steering method: \( \)
- Steering angle +/-: \( \text{grad} \)
- Oscillating angle +/-: \( \text{grad} \)

#### Exciter system
- Drive system: \( \)
- Frequency (1): \( \text{Hz} \)
- Amplitude (1): \( \text{mm} \)
- Centrifugal force 1: \( \text{kN} \)

#### Sprinkler System
- Type of sprinkling: \( \)

#### Capacities
- Fuel: \( \text{l} \)
- Water: \( \text{l} \)

---

**BOMAG**  
**BW 131 AD-5**

- 4.000  
- 15.4  
- 4.200  
- 3.000  
- 12.0  
- 6.0  
- 30/20  
- Kubota  
- D 1703  
- Stage IIIa/TIER4f/CN3  
- water  
- 3  
- 24.3  
- 32.6  
- 2.600  
- 12  
- 2  
- hydromec.  
- hydromec.  
- oscil. artic.  
- 35  
- 8  
- hydrost.  
- hydrost.  
- hydrost.  
- 60  
- 0.30  
- 28  
- pressure  
- 40.0  
- 310.0

---

Technical modifications reserved. Machines may be shown with options.
TANDEM ROLLERS
BW 135 AD-5, BW 138 AD-5

Fields of application:
Compaction of asphalt layers, wear courses and frost blanket layers in new constructions and repair work on confined, small and medium scale construction projects, e.g. walkways and cycle paths, parking lots, play and sports grounds. Support for large tandem rollers in road construction, e.g. rolling of joints, pre-compaction.

Dimensions in mm

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<td>700</td>
<td>900</td>
<td>1895</td>
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<td>2703</td>
<td>340</td>
<td>2840</td>
<td>44</td>
<td>18</td>
<td>1380</td>
</tr>
</tbody>
</table>

Standard Equipment
- Hydrostatic travel and vibration drive
- 2 scrapers per drum, spring loaded and tiltable
- Pressure sprinkler system with interval switch
- Multi function travel lever
- Multi-function display incl. operating hour meter
- Water level
- Electronic fuel gauge
- Emergency STOP
- Individual control, vibration
- Intelligent Vibration Control (IVC)
- Integrated stowage compartment
- Sliding seat incl. double travel lever
- Seat contact switch
- 12V socket
- Working lights front and rear
- Vandalism protection
- Lockable engine hood made of composite material
- Lashing eyes, galvanized
- Single point lifting device
- Back-up alarm

Optional Equipment
- *Foldable ROPS incl. seat belt
- Sun roof, rigid
- Sun roof, foldable with ROPS
- Weather protection for sun roof
- Weather protection cabin
- Seat heating
- ECONOMIZER with asphalt temperature display
- Temperature display
- BOMAG TELEMATIC
- Indicator and hazard lights
- Rotary beacon
- Optional lighting on ROPS
- Lighting for drum edge
- Battery disconnect switch
- Environmentally compliant hydraulic oil
- Theft protection
- Edge cutter-right/left
- Gravel scrapper
- Hydraulically adjustable crabwalk (50mm)
- Pointer
- Special painting
- Backup warning buzzer with broadband technology
- Flow divider
- 2. Amplitude:0,2mm

* Standard delivery with CE conformity (valid within European Union)
## TECHNICAL DATA

### Weights
- Operating weight w. ROPS CECE: kg
- Average static linear load CECE: kg/cm
- Grossweight: kg

### Dimensions
- Working width: mm
- Track radius, inner: mm

### Driving Characteristics
- Speed: km/h
- Working speed with vibration: km/h
- Max. gradeability without/with vibr.: %

### Drive
- Engine manufacturer
- Type
- Emission stage
- Number of cylinders:
- Performance ISO 14396:
- Performance SAE J 1995:
- Speed:
- Speed adjustment 1:
- Speed adjustment 2:
- Electric equipment:
- Driven drum

### Brakes
- Service brake
- Parking brake

### Steering
- Steering system
- Steering method
- Steering / oscillating angle +/-: grad
- Crab walk

### Exciter system
- Vibrating drum
- Drive system
- Frequency:
- Amplitude:
- Centrifugal force:

### Sprinkler System
- Type of sprinkling

### Capacities
- Fuel
- Water

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<thead>
<tr>
<th>BOMAG BW 135 AD-5</th>
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<td>12</td>
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<tr>
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<tr>
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Technical modifications reserved. Machines may be shown with options.
TANDEM ROLLERS
BW 135 AD-5, BW 138 AD-5

Fields of application:
Compaction of asphalt layers, wear courses and frost blanket layers in new constructions and repair work on confined, small and medium scale construction projects, e.g. walkways and cycle paths, parking lots, play and sports grounds. Support for large tandem rollers in road construction, e.g. rolling of joints, pre-compaction.

Dimensions in mm

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<td>900</td>
<td>1900</td>
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<td>340</td>
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<td>44</td>
<td>16</td>
<td>1300</td>
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<tr>
<td>BW 138 AD-5</td>
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<td>1468</td>
<td>700</td>
<td>900</td>
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<td>2700</td>
<td>340</td>
<td>2840</td>
<td>44</td>
<td>18</td>
<td>1380</td>
</tr>
</tbody>
</table>

Standard Equipment
- Hydrostatic travel and vibration drive
- 2 scrapers per drum, spring loaded and tiltable
- Pressure sprinkler system with interval switch
- Multi function travel lever
- Multi-function display incl. operating hour meter
- Water level
- Electronic fuel gauge
- Emergency STOP
- Individual control, vibration
- Intelligent Vibration Control (IVC)
- Integrated stowage compartment
- Sliding seat incl. double travel lever
- Seat contact switch
- 12V socket
- Working lights front and rear
- Vandalism protection
- Lockable engine hood made of composite material
- Lashing eyes, galvanized
- Single point lifting device
- Back-up alarm

Optional Equipment
- *Foldable ROPS incl. seat belt
- Sun roof, rigid
- Sun roof, foldable with ROPS
- Weather protection for sun roof
- Weather protection cabin
- Seat heating
- ECONOMIZER with asphalt temperature display
- Temperature display
- BOMAG TELEMATIC
- Indicator and hazard lights
- Rotary beacon
- Optional lighting on ROPS
- Lighting for drum edge
- Battery disconnect switch
- Environmentally compliant hydraulic oil
- Theft protection
- Edge cutter-right/left
- Gravel scraper
- Hydraulically adjustable crabwalk (50mm)
- Pointer
- Special painting
- Backup warning buzzer with broadband technology
- Flow divider
- 2. Amplitude:0.2mm
- ECOSTOP

* Standard delivery with CE conformity (valid within European Union)
## TECHNICAL DATA

### Weights
- Operating weight w. ROPS CECE: 4,000 kg
- Average static linear load CECE: 15,4 kg/cm
- Grossweight: 4,200 kg

### Dimensions
- Working width: 1.300 mm
- Track radius, inner: 2.665 mm

### Driving Characteristics
- Speed: 0-10.0 km/h
- Working speed with vibration: 0-10.0 km/h
- Max. gradeability without/with vibr.: 40/30%

### Drive
- Engine manufacturer: Kubota
- Type: V2403
- Emission stage: Stage V / TIER4f
- Exhaust gas aftertreatment: DPF
- Cooling: water
- Performance ISO 14396: 34,1 kW
- Performance SAE J 1995: 45,7 hp
- Speed: 2.400 min-1
- Speed adjustment 1: 2.300 min-1
- Speed adjustment 2: 2.530 min-1
- Electric equipment: 12 V
- Driven drum: front + rear

### Brakes
- Service brake: hydromec.
- Parking brake: hydromec.

### Steering
- Steering system: oscil.artic.
- Steering method: hydromec.
- Steering / oscillating angle +/-: 32/10 grad
- Crab walk: 0-50

### Exciter system
- Vibrating drum: front + rear
- Drive system: hydromec.
- Frequency: 50/56 Hz
- Amplitude: 0,50 mm
- Centrifugal force: 45/57 kN

### Sprinkler System
- Type of sprinkling: pressure

### Capacities
- Fuel: 55,0 l
- Water: 310,0 l

Technical modifications reserved. Machines may be shown with options.
**TANDEM ROLLERS**
BW 141 AD-5, BW 151 AD-5, BW 154 AD-5

- **Fields of application:**
  Compaction of asphalt layers, wear courses and frost blanket layers in new constructions and maintenance work on medium to large scale construction projects, e.g. roads, agricultural roads and parking lots. The BW 154 AD-5 has split drums, this eases work in curves.

**Dimensions in mm**

<table>
<thead>
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<td>1100</td>
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<td>3000</td>
<td>250</td>
<td>4400</td>
<td>82</td>
<td>16</td>
<td>1680</td>
</tr>
</tbody>
</table>

**Standard Equipment**
- 2 amplitudes / 2 frequencies
- ECOMODE
- Autom. vibration operation
- Individual vibration control
- Driver’s seat, slewable
- laterally slidable with steering wheel
- Emergency stop button
- On-board computer
- engine speed
- Speedometer
- Fuel consumption
- Engine temperature
- V-belt protection
- Pressure sprinkling system with 2 pumps
- Indicator and hazard lights
- Back-up alarm
- Battery disconnect switch
- Compartments for documents and tools

**Optional Equipment**
- ROPS cabin with seat belts
  + heating, Ventilation
  + 4 Working head lights
- ROPS cabin with air conditioning
- Rotary beacon
- Crab-walk to both sides (170mm)
- 2 LED-lights for cabin roof (flatbeam)
- Edge cutter
- Special painting
- Environmentally compliant hydraulic oil
- Radio/Radio preparation
- ROPS/FOPS with safety belt
- Precision spreader BS150 laterally slidable
- Asphalt temperature display
- Lighting for drum edge front and rear
- Seat heating
- Frequency 70Hz
- Approval by the German TÜV
- BOMAG TELEMATIC POWER
- Outside mirrors
- ECONOMIZER
- BCM-Documentation system

Fax (0)6742 - 3090
Tel. (0)6742 - 1000
P.O. Box 5162
D-56154 Boppard
Hellerwald
BOMAG

PRE 921 00 010
## TECHNICAL DATA

### Weights
- Operating weight CECE w. cab.: 6.900 kg
- Axle load, front CECE: 3.560 kg
- Axle load, rear CECE: 3.340 kg
- Static linear load, front CECE: 23.7 kg/cm
- Static linear load, rear CECE: 22.3 kg/cm
- Grossweight: 8.700 kg

### Dimensions
- Track radius, inner: 4.480 mm

### Drums
- Split drum: no

### Driving Characteristics
- Max. travel speed: 0-12.0 km/h
- Max. gradeability without/vibr.: 12%

### Drive
- Engine manufacturer: Kubota
- Emission stage: StageV / TIER4f
- Exhaust gas aftertreatment: DOC+DPF
- Cooling: Liquid
- Type: V3307 CR-T
- Number of cylinders: 4
- Performance ISO 14396: 55.4 kW
- Performance SAE J 1995: 74.3 hp
- Speed: 2.400 min⁻¹
- Electric equipment: V

### Brakes
- Service brake: hydrost.
- Parking brake: multi disc

### Steering
- Steering system: oscil.artic.

### Exciter system
- Vibrating drum: front + rear
- Frequency: 45/55 Hz
- Amplitude: 0,710/0,28 mm
- Centrifugal force: 75/45 kN
- Centrifugal force: 7,6/4,6 t

### Capacities
- Fuel: 125,0 l
- Water: 600,0 l

---

Technical modifications reserved. Machines may be shown with options.
TANDEM ROLLERS
BW 151 AD-5 H, BW 151 AD-5 SH, BW 154 AD-5 SH

Machine type Compaction output (t/h) at different asphalt layer thicknesses

Machine type Compaction output (m³/h) at recommended soil layer thicknesses

TANDEM ROLLERS
BW 154 AD-5 SH
BW 151 AD-5 SH
BW 151 AD-5 H

Shipping dimensions in m³ without ROPS with ROPS

Dimensions in mm

Fields of application:
Compaction of asphalt layers, wear courses and frost blanket layers in new constructions and maintenance work on medium to large scale construction projects, e.g. roads, agricultural roads and parking lots. The BW 154 AD-5 has split drums, this eases work in curves.

Standard Equipment
- 2 amplitudes / 2 frequencies
- ECOMODE
- Autom. vibration operation
- Individual vibration control
- Driver’s seat, slewable
  - laterally slidable with steering wheel
- Emergency stop button
- On-board computer
  - engine speed
  - Speedometer
  - Fuel consumption
  - Engine temperature
- V-belt protection
- Pressure sprinkling system with 2 pumps
- Indicator and hazard lights
- Back-up alarm
- Battery disconnect switch
- Compartments for documents and tools

Optional Equipment
- ROPS cabin with seat belts
  + heating, Ventilation
  + 4 Working head lights
- ROPS cabin with air conditioning
- Rotary beacon
- Crab-walk to both sides (170mm)
- 2 LED-lights for cabin roof (flatbeam)
- Edge cutter
- Special painting
- Environmentally compliant hydraulic oil
- Radio/Radio preparation
- ROPS/FOPS with safety belt
- Asphalt temperature display
- Lighting for drum edge front and rear
- Seat heating
- Frequency 70Hz
- Approval by the German TÜV
- BOMAG TELEMATIC POWER
- Outside mirrors
- ECONOMIZER
- BCM-Documentation system

Dimensions in mm

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## Technical Data

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<th>BOMAG BW 154 AD-5 SH</th>
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<tr>
<td>Axle load, front CECE</td>
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<td>Axle load, rear CECE</td>
<td>4.110 kg</td>
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<tr>
<td>Static linear load, front CECE</td>
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<td>36/30 %</td>
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Technical modifications reserved. Machines may be shown with options.
TANDEM ROLLERS
BW 161 AD-5, BW 190 AD-5, BW 202 AD-5

Fields of application:
Compaction of asphalt layers, wear courses and frost blanket layers in new constructions and maintenance work on medium to large scale construction projects, e.g. roads, airports, parking lots.

Dimensions in mm

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<tr>
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<th>D</th>
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<td>78</td>
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</table>

Standard Equipment
- 2 amplitudes / 2 frequencies
- ECOMODE
- Autom. vibration operation
- Individual vibration control
- Driver’s seat, slewable
  - laterally slideable with steering wheel
- Emergency stop button
- On-board computer
  - engine speed
  - Speedometer
  - Fuel consumption
  - Engine temperature
- V-belt protection
- Pressure sprinkling system with 2 pumps
- Indicator and hazard lights
- Back-up alarm
- Battery disconnect switch
- Compartments for documents and tools

Optional Equipment
- ROPS cabin with seat belts
  - + heating, Ventilation
  - + 4 Working head lights
- ECONOMIZER
- BCM-Documentation system
- ROPS cabin with air conditioning
- Rotary beacon
- Crab-walk to both sides (170mm)
- 2 LED-lights for cabin roof (flatbeam)
- Edge cutter
- Special painting
- Environmentally compliant hydraulic oil
- Radio/Radio preparation
- ROPS/FOPS with safety belt
- Precision spreader BS180 laterally slidable
- Precision spreader BS180
- Asphalt temperature display
- Lighting for drum edge front and rear
- Seat heating
- Frequency
  - 67Hz(BW161),70Hz(BW190/202)
- Approval by the German TÜV
- BOMAG TELEMATIC POWER
- Outside mirrors

PRE 921 10 010
## Technical Data

**Weights**
- Operating weight CECE w. cab. kg: 10,000
- Axle load, front CECE kg: 5,100
- Axle load, rear CECE kg: 4,900
- Static linear load, front CECE kg/cm: 30,4
- Static linear load, rear CECE kg/cm: 29,2
- Grossweight kg: 11,000

**Dimensions**
- Track radius, inner mm: 4,900
- Length (without towing hitch) mm: 4,840

**Driving Characteristics**
- Max. travel speed km/h: 0-12,0
- Max. gradeability without/with vibr. %: 95,0/95,0

**Drive**
- Engine manufacturer: Deutz
- Type: TCD 3.6 L4
- Emission stage: Stage IV / TIER4f
- Exhaust gas aftertreatment: DOC+SCR
- Cooling: Liquid
- Number of cylinders: 4
- Performance ISO 14396 kW: 95,0
- Performance SAE J 1995 hp: 127,0
- Speed min-1: 3,200
- Electric equipment: V

**Brakes**
- Service brake: hydrost.
- Parking brake: multi disc

**Steering**
- Steering system: oscil.artic.

**Exciter System**
- Vibrating drum: front + rear
- Autom. vibr. shut off: standard
- Frequency Hz: 40/53
- Amplitude mm: 0,87/0,44
- Centrifugal force kN: 19/9,2

**Capacities**
- Fuel l: 145,0
- Water l: 750,0

---

Technical modifications reserved. Machines may be shown with options.
TANDEM ROLLERS
BW 191 AD-5, BW 206 AD-5

Fields of application:
Compaction of asphalt layers, wear courses and frost blanket layers in new constructions and maintenance work on medium to large scale construction projects, e.g. roads, airports, parking lots.

Dimensions in mm

<table>
<thead>
<tr>
<th></th>
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<th>L</th>
<th>O</th>
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<td>250</td>
<td>5300</td>
<td>89</td>
<td>19</td>
<td>2135</td>
</tr>
</tbody>
</table>

Standard Equipment
- 2 amplitudes / 2 frequencies
- ECOMODE
- Autom. vibration operation
- Individual vibration control
- Driver’s seat, slewable
  - laterally slidable with steering wheel
- Emergency stop button
- On-board computer
  - engine speed
  - Speedometer
  - Fuel consumption
  - Engine temperature
- V-belt protection
- Pressure sprinkling system with 2 pumps
- Indicator and hazard lights
- Back-up alarm
- Battery disconnect switch
- Compartments for documents and tools

Optional Equipment
- ROPS cabin with seat belts
  + heating, Ventilation
  + 4 Working head lights
- ECONOMIZER
- BCM-Documentation system
- ROPS cabin with air conditioning
- Rotary beacon
- Crab-walk to both sides (170mm)
- 2 LED-lights for cabin roof (flatbeam)
- Edge cutter
- Special painting
- Environmentally compliant hydraulic oil
- Radio/Radio preparation
- ROPS/FOPS with safety belt
- Asphalt temperature display
- Lighting for drum edge front and rear
- Seat heating
- Frequency 70Hz
- Approval by the German TÜV
- BOMAG TELEMATIC POWER
- Outside mirrors
## TECHNICAL DATA

### Weights
- Operating weight CECE w. cab. kg
- Axle load, front CECE kg
- Axle load, rear CECE kg
- Static linear load, front CECE kg/cm
- Static linear load, rear CECE kg/cm
- Grossweight kg

### Dimensions
- Track radius, inner mm

### Driving Characteristics
- Max. travel speed km/h

### Drive
- Engine manufacturer
- Type
- Emission stage
- Exhaust gas aftertreatment
- Cooling
- Number of cylinders
- Performance ISO 14396 kW
- Performance SAE J 1995 hp
- Speed min⁻¹
- Electric equipment V

### Brakes
- Service brake
- Parking brake

### Steering
- Steering system
- Vibrating drum
- Autom. vibr. shut off
- Frequency Hz
- Amplitude mm
- Centrifugal force kN
- Centrifugal force t

### Capacities
- Fuel l
- Water l

### Specifications

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Technical modifications reserved. Machines may be shown with options.
**TANDEM ROLLERS**
**BW 151 AD-5 AM, BW 161 AD-5 AM**

**Fields of application:**
ASPHALT MANAGER (AM 2) is an intelligent compaction system which automatically regulates amplitude. The AM 2 system is the enhanced successor to ASPHALT MANAGER with EVIB display (MN/m²). Real-time compaction progress is displayed visually. The EVIB value is the measuring and control base-line.

**Standard Equipment**
- ASPHALT MANAGER 2
  - Highly wear resistant AM drum
  - Oscillation mode
  - 2 amplitudes / 2 frequencies rear
  - ECOMODE
  - Automatic vibration operation
  - Individual vibration control
  - Swivel seat with integrated electronic steering wheel
  - Emergency stop button
  - V-belt protection
  - Pressure sprinkling system with 2 pumps
  - Indicator and hazard lights
  - Back-up alarm
  - Battery disconnect switch
  - Compartments for documents and tools
  - BOMAG OPERATION PANEL (BOP)
  - EVIB-Control panel
  - Asphalt temperature display

**Optional Equipment**
- ROPS cabin with seat belts
  - + heating, Ventilation
  - + 4 Working head lights
- ROPS cabin with air conditioning
- Rotary beacon
- Crab-walk to both sides (170mm)
- 2 LED-lights for cabin roof (flatbeam)
- Edge cutter
- Special painting
- Environmentally compliant hydraulic oil
- Radio/Radio preparation
- Precision spreader laterally slidable
- Precision spreader
- Printer for ASPHALT MANAGER 2
- Lighting for drum edge front and rear
- Seat heating
- Approval by the German TÜV
- BOMAG TELEMATIC POWER
- Outside mirrors
- BCM-Documentation system

**Dimensions in mm**

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<tr>
<th></th>
<th>A</th>
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<th>D</th>
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<th>H2</th>
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<td>19</td>
<td>17</td>
<td>1680</td>
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</table>
## TECHNICAL DATA

### Weights
- Operating weight CECE w. ROPS-cabin: kg
- Grossweight: kg
- Axle load, front CECE: kg
- Axle load, rear CECE: kg
- Static linear load, front CECE: kg/cm
- Static linear load, rear CECE: kg/cm

### Dimensions
- Track radius, inner: mm
- Length (without towing hitch): mm

### Driving Characteristics
- Max. travel speed: km/h
- Max. gradeability without/vibr: %

### Drive
- Engine manufacturer
- Type
- Emission stage
- Exhaust gas aftertreatment
- Cooling
- Number of cylinders
- Performance ISO 14396: kW
- Performance SAE J 1995: hp
- Speed: min⁻¹
- Electric equipment: V

### Brakes
- Service brake
- Parking brake

### Steering
- Steering system

### Exciter system
- Vibrating drum
- Autom. vib. shut off
- Frequency: Hz
- Amplitude: mm
- Centrifugal force: kN
- Centrifugal force: t

### Vario system
- ASPHALT MANAGER
- Frequency: Hz
- Amplitude directed
- Amplitude: mm
- Centrifugal force: kN
- Centrifugal force: t

### Capacities
- Fuel: l
- Water: l

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### Technical Data BOMAG

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<td>750,0</td>
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Technical modifications reserved. Machines may be shown with options.
TANDEM ROLLERS
BW 191 AD-5 AM, BW 206 AD-5 AM

**Fields of application:**
ASPHALT MANAGER (AM 2) is an intelligent compaction system which automatically regulates amplitude. The AM 2 system is the enhanced successor to ASPHALT MANAGER with EVIB display (MN/m²). Real-time compaction progress is displayed visually. The EVIB value is the measuring and control base-line.

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<th>Standard Equipment</th>
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<tbody>
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<td>ASPHALT MANAGER 2</td>
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<td>2 amplitudes / 2 frequencies rear</td>
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<tr>
<td>ECOMODE</td>
</tr>
<tr>
<td>Autom. vibration operation</td>
</tr>
<tr>
<td>Individual vibration control</td>
</tr>
<tr>
<td>Swivel seat with integrated electronic steering wheel</td>
</tr>
<tr>
<td>Emergency stop button</td>
</tr>
<tr>
<td>V-belt protection</td>
</tr>
<tr>
<td>Pressure sprinkling system with 2 pumps</td>
</tr>
<tr>
<td>Indicator and hazard lights</td>
</tr>
<tr>
<td>Back-up alarm</td>
</tr>
<tr>
<td>Battery disconnect switch</td>
</tr>
<tr>
<td>Compartments for documents and tools</td>
</tr>
<tr>
<td>BOMAG OPERATION PANEL (BOP)</td>
</tr>
<tr>
<td>EVIB-Control panel</td>
</tr>
<tr>
<td>Asphalt temperature display</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Optional Equipment</th>
</tr>
</thead>
<tbody>
<tr>
<td>ROPS cabin with seat belts + heating, Ventilation</td>
</tr>
<tr>
<td>+ 4 Working head lights</td>
</tr>
<tr>
<td>ROPS cabin with air conditioning</td>
</tr>
<tr>
<td>Rotary beacon</td>
</tr>
<tr>
<td>Crab-walk to both sides (170mm)</td>
</tr>
<tr>
<td>2 LED-lights for cabin roof (flatbeam)</td>
</tr>
<tr>
<td>Edge cutter</td>
</tr>
<tr>
<td>Special painting</td>
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<tr>
<td>Environmentally compliant hydraulic oil</td>
</tr>
<tr>
<td>Radio/Radio preparation</td>
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<tr>
<td>Printer for ASPHALT MANAGER 2</td>
</tr>
<tr>
<td>Lighting for drum edge front and rear</td>
</tr>
<tr>
<td>Seat heating</td>
</tr>
<tr>
<td>Approval by the German TÜV</td>
</tr>
<tr>
<td>BOMAG TELEMATIC POWER</td>
</tr>
<tr>
<td>Outside mirrors</td>
</tr>
<tr>
<td>BCM-Documentation system</td>
</tr>
</tbody>
</table>

**Dimensions in mm**

<table>
<thead>
<tr>
<th>Dimensions in mm</th>
<th>A</th>
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<th>K</th>
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<tbody>
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## TECHNICAL DATA

### Weights
- Operating weight CECE w. ROPS-cabin: kg
- Grossweight: kg
- Axle load, front CECE: kg
- Axle load, rear CECE: kg
- Static lineal load, front CECE: kg/cm
- Static lineal load, rear CECE: kg/cm

### Dimensions
- Track radius, inner: mm
- Length (without towing hitch): mm

### Driving Characteristics
- Max. travel speed: km/h
- Max. gradeability without/with vibr.: %

### Drive
- Engine manufacturer
- Type
- Emission stage
- Exhaust gas aftertreatment
- Cooling
- Number of cylinders
- Performance ISO 14396: kW
- Performance SAE J 1995: hp
- Speed: min⁻¹

### Brakes
- Service brake
- Parking brake

### Steering
- Steering system

### Exciter system
- Vibrating drum
- Autom. vibr. shut off
- Frequency
- Amplitude
- Centrifugal force
- Centrifugal force

### Vario system
- ASPHALT MANAGER
- Frequency
- Amplitude directed
- Amplitude
- Centrifugal force
- Centrifugal force

### Capacities
- Fuel
- Water
- Water

### BOMAG

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Technical modifications reserved. Machines may be shown with options.
**TANDEM ROLLERS**

BW 161 ADO-5, BW 190 ADO-5, BW 202 ADO-5

---

**Fields of application:**

Tangential oscillation TanGO is an exciter system developed by BOMAG using oscillating vibration technology and is suitable for low vibration compaction work on bridges, close to buildings and on thin layers. Depending on the compaction specification, vibratory compaction can be combined with oscillation, or used separately. This makes the BW 161 ADO-5 an exceptionally effective and versatile roller in the 10 t class, easy to operate and requiring very little maintenance.

---

**Standard Equipment**

- Front drum vibration: 2 amplitudes / 2 frequencies
- TanGO Rear drum Oscillation: 1 Amplitude / 1 Frequency
- Highly wear resistant oscillation drum
- ECOMODE
- Autom. vibration operation
- Vibration and oscillation individually switchable
- Driver's seat, swivelable
- laterally swiveling with steering wheel
- Emergency stop button
- On-board computer
- - engine speed
- - Speedometer
- - Fuel consumption
- - Engine temperature
- V-belt protection
- Pressure sprinkling system with 2 pumps
- Indicator and hazard lights
- Back-up alarm
- Battery disconnect switch
- Compartments for documents and tools

---

**Optional Equipment**

- ROPS cabin with seat belts
  + heating, Ventilation
  + 4 Working head lights
- ROPS cabin with air conditioning
- Rotary beacon
- Crab-walk to both sides (170mm)
- 2 LED-lights for cabin roof (flatbeam)
- Edge cutter
- Special painting
- Environmentally compliant hydraulic oil
- Radio/Radio preparation
- ROPS/FOPS with safety belt
- Precision spreader BS180 laterally swiveling
- Precision spreader BS180
- Asphalt temperature display
- Lighting for drum edge front and rear
- Seat heating
- Frequency
  67Hz(BW161), 70Hz(BW190/202)
- Approval by the German TÜV
- BOMAG TELEMATIC POWER
- Outside mirrors
- ECONOMIZER
- BCM-Documentation system

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**Dimensions in mm**

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
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<th>D</th>
<th>H</th>
<th>H2</th>
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### TECHNICAL DATA

#### Weights
- Operating weight CECE w. cab.: 9.900 kg
- Axle load, front CECE: 5.100 kg
- Axle load, rear CECE: 4.800 kg
- Static load, front CECE: 30.4 kg/cm
- Static linear load, rear CECE: 28.6 kg/cm
- Grossweight: 10.900 kg

#### Dimensions
- Track radius, inner: 4.900 mm

#### Driving Characteristics
- Max. travel speed: 40/53 km/h
- Max. gradeability without with vibr.: 35/30 %

#### Drive
- Engine manufacturer: Deutz
- Type: TCD 3.6 L4
- Emission stage: Stage IV / TIER4f
- Exhaust gas aftertreatment: DOC+SCR
- Number of cylinders: 4
- Performance ISO 14396: 95.0 kW
- Speed: 2.300 min⁻¹
- Electric equipment: hydrost.

#### Brakes
- Service brake: multi disc
- Parking brake: standard

#### Steering
- Steering system: oscil.artic.

#### Exciter system
- Vibrating drum: front
- Frequency: 40/53 Hz
- Amplitude: 0.87/0.44 mm
- Centrifugal force: 95/90 kN
- Centrifugal force front: 9.7/9.2 t
- Oscillating drum: rear
- O. Frequency: 40 Hz
- O. Amplitude: 1.03 mm

#### Capacities
- Fuel: 145.0 l
- Water: 750.0 l

---

Technical modifications reserved. Machines may be shown with options.
**TANDEM ROLLERS**

BW 191 ADO-5, BW 206 ADO-5

**Fields of application:**
Tangential oscillation TanGO is an exciter system developed by BOMAG using oscillating vibration technology and is suitable for low vibration compaction work on bridges, close to buildings and on thin layers. Depending on the compaction specification, vibratory compaction can be combined with oscillation, or used separately. Easy to operate and requiring very little maintenance.

**Dimensions in mm**

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<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
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</table>
## TECHNICAL DATA

### Weights
- Operating weight CECE w. cab. kg
- Axle load, front CECE kg
- Axle load, rear CECE kg
- Static linear load, front CECE kg/cm
- Static linear load, rear CECE kg/cm
- Grossweight kg

### Dimensions
- Track radius, inner mm

### Driving Characteristics
- Max. travel speed km/h

### Drive
- Engine manufacturer
- Type
- Emission stage
- Exhaust gas aftertreatment
- Cooling
- Number of cylinders
- Performance ISO 14396 kW
- Performance SAE J 1995 hp
- Speed min⁻¹
- Electric equipment V

### Brakes
- Service brake
- Parking brake

### Steering
- Steering system
- Exciter system
- Vibrating drum
- Autom. vibr. shut off
- Frequency Hz
- Amplitude mm
- Centrifugal force kN
- Centrifugal force t
- Oscillating drum rear
- O. Frequency Hz
- O. Amplitude mm

### Capacities
- Fuel l
- Water l

### Technical Data BOMAG

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Technical modifications reserved. Machines may be shown with options.
TANDEM ROLLERS
BW 141 AD-50, BW 151 AD-50

Fields of application:
Compaction of asphalt layers, wear courses and frost blanket layers in new constructions and maintenance work on medium to large scale construction projects, e.g. roads, ways, parking lots.

Dimensions in mm

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<tr>
<th></th>
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Standard Equipment
- 2 amplitudes / 2 frequencies
- Autom. vibration operation
- Individual vibration control
- Driver’s seat, slewable (-15/+75°)
  - laterally slidable with steering wheel
- V-belt protection
- Pressure sprinkling system with 2 pumps
- Back-up alarm
- Battery disconnect switch
- Folding scrapers

Optional Equipment
- ROPS cabin with seat belts
  + heating, Ventilation
  + 4 Working head lights
- ROPS cabin with air conditioning
- Rotary beacon
- 2 LED-lights for cabin roof (flatbeam)
- ROPS/FOPS
- Asphalt temperature display
- Crab-walk to both sides (170mm)
- BOMAG TELEMATIC START
- Compartments for documents and tools
- Outside mirrors
- Working lights
- Lights with german regulations
- Frequency 70Hz
- Additional weight 600kg (BW151AD-50)
- BCM-Documentation system
- ECONOMIZER
- Edge cutter
### TECHNICAL DATA

#### Weights
- Operating weight CECE w. cab. kg
- Axle load, front CECE kg
- Axle load, rear CECE kg
- Static linear load, front CECE kg/cm
- Static linear load, rear CECE kg/cm
- Grossweight kg

#### Dimensions
- Track radius, inner mm

#### Driving Characteristics
- Max. travel speed km/h
- Max. gradeability without/with vibr. %

#### Drive
- Engine manufacturer
- Type
- Emission stage
- Cooling
- Number of cylinders
- Performance ISO 14396 kW
- Performance SAE J 1995 hp
- Speed min-1
- Electric equipment V

#### Brakes
- Service brake
- Parking brake

#### Steering
- Steering system

#### Exciter system
- Vibrating drum
- Autom. vibr. shut off
- Frequency Hz
- Amplitude mm
- Centrifugal force kN
- Centrifugal force t

#### Capacities
- Fuel l
- Water l

### TECHNICAL DATA (continued)

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Technical modifications reserved. Machines may be shown with options.
TANDEM ROLLERS
BW 151 AD-50 H, BW 151 AD-50 SH

Fields of application:
Compaction of asphalt layers, wear courses and frost blanket layers in new constructions and maintenance work on medium to large scale construction projects, e.g. roads, ways, parking lots.

Dimensions in mm

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<th></th>
<th>A</th>
<th>B</th>
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<th>H2</th>
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</tr>
</tbody>
</table>

Standard Equipment

- 2 amplitudes / 2 frequencies
- Autom. vibration operation
- Individual vibration control
- Driver's seat, slewable
  - laterally slidable with steering wheel
- Emergency stop button
- On-board computer
  - engine speed
  - Speedometer
  - Fuel consumption
  - Engine temperature
- V-belt protection
- Pressure sprinkling system with 2 pumps
- Back-up alarm
- Battery disconnect switch
- Compartments for documents and tools

Optional Equipment

- ROPS cabin with seat belts
  + heating, Ventilation
  + 4 Working head lights
- ROPS cabin with air conditioning
- Rotary beacon
- Crab-walk to both sides (170mm)
- 2 LED-lights for cabin roof (flatbeam)
- Edge cutter
- Special painting
- Radio/Radio preparation
- ROPS/FOPS with safety belt
- Indicator and hazard lights
- Asphalt temperature display
- Lighting for drum edge front and rear
- Seat heating
- Frequency 70Hz
- BOMAG TELEMATIC POWER
- Outside mirrors
- ECONOMIZER
- BCM-Documentation system
## TECHNICAL DATA

### Weights
- Operating weight CECE w. cab. kg
- Axle load, front CECE kg
- Axle load, rear CECE kg
- Static linear load, front CECE kg/cm
- Static linear load, rear CECE kg/cm
- Grossweight kg

### Dimensions
- Track radius, inner mm

### Drums
- Split drum

### Driving Characteristics
- Max. travel speed km/h
- Max. gradeability without with vibr. %

### Drive
- Engine manufacturer
- Type
- Emission stage
- Exhaust gas aftertreatment
- Cooling
- Number of cylinders
- Performance SAE J 1996 hp
- Performance ISO 14396 t
- Speed min⁻¹
- Electric equipment V

### Brakes
- Service brake
- Parking brake

### Steering
- Steering system

### Exciter system
- Vibrating drum
- Autom. vibr. shut off
- Frequency Hz
- Amplitude mm
- Centrifugal force t

### Capacities
- Fuel l
- Water l

### Capacities

<table>
<thead>
<tr>
<th>BOMAG BW 151 AD-50 H</th>
<th>BOMAG BW 151 AD-50 SH</th>
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<tbody>
<tr>
<td>8.420</td>
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<td>V3307 CR-T</td>
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<tr>
<td>StageV / TiER4f</td>
<td>StageV / TiER4f</td>
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<tr>
<td>DOC+DPF</td>
<td>DOC+DPF</td>
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<tr>
<td>multi disc</td>
<td>multi disc</td>
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<tr>
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<td>oscil.artic.</td>
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<tr>
<td>front + rear standard</td>
<td>front + rear standard</td>
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<td>45/55</td>
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Technical modifications reserved. Machines may be shown with options.
TANDEM ROLLERS
BW 161 AD-50, BW 202 AD-50, BW 206 AD-50

Fields of application:
Compaction of asphalt layers, wear courses and frost blanket layers in new constructions and maintenance work on medium to large scale construction projects, e.g. roads, airports and parking lots.

Dimensions in mm

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>H</th>
<th>H2</th>
<th>K</th>
<th>L</th>
<th>O</th>
<th>S</th>
<th>W</th>
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<tbody>
<tr>
<td>BW 161 AD - 50</td>
<td>3620</td>
<td>1836</td>
<td>670</td>
<td>1220</td>
<td>2315</td>
<td>3050</td>
<td>250</td>
<td>4840</td>
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<td>1680</td>
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<tr>
<td>BW 202 AD - 50</td>
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<td>19</td>
<td>2135</td>
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<tr>
<td>BW 206 AD-50</td>
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<td>760</td>
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<td>250</td>
<td>5300</td>
<td>89</td>
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<td>2135</td>
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</tbody>
</table>

Standard Equipment
- 2 amplitudes / 2 frequencies
- Autom. vibration operation
- Individual vibration control
- Driver's seat, slewable (-20/+70°)
  - laterally slidable with steering wheel
- V-belt protection
- Pressure sprinkling system with 2 pumps
- Back-up alarm
- Battery disconnect switch
- Folding scrapers

Optional Equipment
- ROPS cabin with seat belts
  + heating, Ventilation
  + 4 Working head lights
- ROPS cabin with air conditioning
- Rotary beacon
- 2 LED-lights for cabin roof (flatbeam)
- ROPS/FOPS
- Asphalt temperature display
- Crab walk
- BOMAG TELEMATIC START
- Compartments for documents and tools
- Outside mirrors
- Working lights
- Lights with german regulations
- Frequency
  67Hz(BW161),70Hz(BW202/206)
- BCM-START
- ECONOMIZER
- Edge cutter
## TECHNICAL DATA

### Weights

<table>
<thead>
<tr>
<th>Metric</th>
<th>BOMAG BW 161 AD - 50</th>
<th>BOMAG BW 202 AD - 50</th>
<th>BOMAG BW 206 AD-50</th>
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<tbody>
<tr>
<td>Operating weight CECE w. cab.</td>
<td>10.000</td>
<td>12.300</td>
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<tr>
<td>Axle load, front CECE</td>
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<tr>
<td>Axle load, rear CECE</td>
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<td>5.950</td>
<td>7.150</td>
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<td>Static linear load, front CECE</td>
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<td>Grossweight</td>
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<td>13.000</td>
<td>16.000</td>
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### Dimensions

<table>
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<th>BOMAG BW 202 AD - 50</th>
<th>BOMAG BW 206 AD-50</th>
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</thead>
<tbody>
<tr>
<td>Track radius, inner</td>
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<td>5.117</td>
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### Driving Characteristics

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<th>BOMAG BW 206 AD-50</th>
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<tbody>
<tr>
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<td>Max. gradeability without/with vibr.</td>
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<td>35/30</td>
<td>35/30</td>
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### Drive

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<td>BF4M 2012 C</td>
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<td>Stage II / TIER2</td>
<td>Stage II / TIER2</td>
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<td>Liquid</td>
<td>Liquid</td>
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<tr>
<td>Number of cylinders</td>
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<tr>
<td>Performance ISO 14396</td>
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<td>103.0</td>
<td>103.0</td>
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<tr>
<td>Performance SAE J 1995</td>
<td>138.0</td>
<td>138.0</td>
<td>138.0</td>
</tr>
<tr>
<td>Speed</td>
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<td>Electric equipment</td>
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### Brakes

<table>
<thead>
<tr>
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<th>BOMAG BW 161 AD - 50</th>
<th>BOMAG BW 202 AD - 50</th>
<th>BOMAG BW 206 AD-50</th>
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</thead>
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<tr>
<td>Service brake</td>
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<tr>
<td>Parking brake</td>
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<td>multi disc</td>
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### Steering

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<th>BOMAG BW 202 AD - 50</th>
<th>BOMAG BW 206 AD-50</th>
</tr>
</thead>
<tbody>
<tr>
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<td>oscill.artic.</td>
<td>oscill.artic.</td>
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### Exciter system

<table>
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<th>BOMAG BW 202 AD - 50</th>
<th>BOMAG BW 206 AD-50</th>
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</thead>
<tbody>
<tr>
<td>Autom. vibr. shut off</td>
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<td>front + rear</td>
<td>front + rear</td>
</tr>
<tr>
<td>Frequency</td>
<td>40/55</td>
<td>40/55</td>
<td>40/55</td>
</tr>
<tr>
<td>Amplitude</td>
<td>0.87/0.44</td>
<td>0.84/0.31</td>
<td>0.92/0.42</td>
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<td>Centrifugal force</td>
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<td>129/113</td>
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### Capacities

<table>
<thead>
<tr>
<th>Metric</th>
<th>BOMAG BW 161 AD - 50</th>
<th>BOMAG BW 202 AD - 50</th>
<th>BOMAG BW 206 AD-50</th>
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<tbody>
<tr>
<td>Fuel</td>
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<td>145.0</td>
<td>165.0</td>
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<tr>
<td>Water</td>
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<td>750.0</td>
<td>970.0</td>
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Technical modifications reserved. Machines may be shown with options.
TANDEM ROLLERS
BW 161 AD-50 AM, BW 191 AD-50 AM, BW 206 AD-50 AM

Fields of application:
ASPHALT MANAGER (AM 2) is an intelligent compaction system which automatically regulates amplitude. The AM 2 system is the enhanced successor to ASPHALT MANAGER with EVIB display (MN/m²). Real-time compaction progress is displayed visually. The EVIB value is the measuring and control base-line.

Dimensions in mm

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>H</th>
<th>H2</th>
<th>K</th>
<th>L</th>
<th>O</th>
<th>S1</th>
<th>S2</th>
<th>W</th>
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</thead>
<tbody>
<tr>
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<td>250</td>
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<td>78</td>
<td>19</td>
<td>17</td>
<td>1680</td>
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<tr>
<td>BW 191 AD-50 AM</td>
<td>2178</td>
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<td>1400</td>
<td>2364</td>
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<td>89</td>
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<td>2000</td>
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<td>250</td>
<td>5300</td>
<td>89</td>
<td>22</td>
<td>19</td>
<td>2135</td>
</tr>
</tbody>
</table>

Standard Equipment
- ASPHALT MANAGER 2
- Highly wear resistant AM drum
- Oscillation mode
- 2 amplitudes / 2 frequencies rear
- Autom. vibration operation
- Individual vibration control
- Emergency stop button
- V-belt protection
- Pressure sprinkling system with 2 pumps
- Back-up alarm
- Battery disconnect switch
- Compartments for documents and tools
- BOMAG OPERATION PANEL (BOP)
- EVIB-Control panel
- Asphalt temperature display

Optional Equipment
- ROPS cabin with seat belts
  + heating, Ventilation
  + 4 Working head lights
- ROPS cabin with air conditioning
- ROPS/FOPS
- Rotary beacon
- Crab-walk to both sides (170mm)
- 2 LED-lights for cabin roof (flatbeam)
- Edge cutter
- Radio/Radio preparation
- Printer for ASPHALT MANAGER 2
- Lighting for drum edge front and rear
- BOMAG TELEMATIC
- Outside mirrors
- BCM-Documentation system
**TECHNICAL DATA**

### Weights
- Operating weight CECE w. ROPS-cabin: 10.200 kg
- Grossweight: 11.500 kg
- Axle load, front CECE: 5.300 kg
- Axle load, rear CECE: 4.900 kg
- Static linear load, front CECE: 31.6 kg/cm
- Static linear load, rear CECE: 29.2 kg/cm

### Dimensions
- Track radius, inner: 4.900 mm
- Length (without towing hitch): 4.840 mm

### Driving Characteristics
- Max. travel speed: 0-12.0 km/h
- Max. gradeability without/wth vibr.: 0-%

### Drive
- Engine manufacturer: Deutz BF4M 2012 C
- Type: Stage II / TIER2
- Emission stage: Stage II / TIER2
- Number of cylinders: 4
- Performance ISO 14396: 103.0 kW
- Speed: 2.500 min-1

### Brakes
- Service brake: hydrom.
- Parking brake: multi disc

### Steering
- Steering system: oscil.artic.

### Exciter system
- Vibrating drum: front
- Autom. vibr. shut off: rear
- Frequency: 46 Hz
- Amplitude: 0.87/0.44 mm
- Centrifugal force: 97/51 kN
- Centrifugal force: 9,9/5,2 t

### Vario system
- ASPHALT MANAGER: front
- Frequency: 46 Hz
- Amplitude directed: 0-0.92 mm
- Centrifugal force: 152 kN
- Centrifugal force: 15.5 t

### Capacities
- Fuel: 145,0 l
- Water: 750,0 l

Technical modifications reserved. Machines may be shown with options.
**Fields of application:**

Tangential oscillation TanGO is an exciter system developed by BOMAG using oscillating vibration technology and is suitable for low vibration compaction work on bridges, close to buildings and on thin layers. Depending on the compaction specification, vibratory compaction can be combined with oscillation, or used separately. Easy to operate and requiring very little maintenance.

**Dimensions in mm**

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>H</th>
<th>H2</th>
<th>K</th>
<th>L</th>
<th>O</th>
<th>S1</th>
<th>S2</th>
<th>W</th>
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<tbody>
<tr>
<td>BW 161 ADO-50</td>
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<td>BW 202 ADO-50</td>
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### TECHNICAL DATA

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<th>Weights</th>
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<td>9.800 kg</td>
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<td>Axle load, front CECE</td>
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<td>Axle load, rear CECE</td>
<td>4.600 kg</td>
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<tr>
<td>Static linear load, front CECE</td>
<td>30,4 kg/cm</td>
<td>29,7 kg/cm</td>
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<td>Static linear load, rear CECE</td>
<td>27,4 kg/cm</td>
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<td>Grossweight</td>
<td>10.800 kg</td>
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<table>
<thead>
<tr>
<th>Dimensions</th>
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<tbody>
<tr>
<td>Track radius, inner</td>
<td>4.900 mm</td>
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<tr>
<td>Track radius, inner</td>
<td>4.673 mm</td>
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<table>
<thead>
<tr>
<th>Driving Characteristics</th>
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<tbody>
<tr>
<td>Max. travel speed</td>
<td>0-12,0 km/h</td>
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<tr>
<td>Max. gradeability without with vibr.</td>
<td>35/30 %</td>
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<table>
<thead>
<tr>
<th>Drive</th>
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<tbody>
<tr>
<td>Engine manufacturer</td>
<td>Deutz</td>
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<td>Type</td>
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<td>Emission stage</td>
<td>Stage II / TIER2</td>
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<tr>
<td>Cooling</td>
<td>Liquid</td>
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<tr>
<td>Number of cylinders</td>
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<td>Performance ISO 14396</td>
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<td>Performance SAE J 1995</td>
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<td>Speed</td>
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<td>Vibrating drum</td>
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<tr>
<td>Autom. vibr. shut off</td>
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<tr>
<td>Frequency</td>
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<td>Water</td>
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</table>

Technical modifications reserved. Machines may be shown with options.
TANDEM ROLLERS
BW 154 AP-4V, BW 174 AP-4F

Fields of application:
Compaction of asphalt layers, wear courses and frost blanket layers in new constructions and maintenance work on medium to large scale construction projects, e.g. roads, airports, parking lots. BOMAG rollers with double pivot steering are particularly manoeuvrable, clearly arranged machines with highest operating comfort.

Dimensions in mm

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>H1</th>
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<tr>
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<td>1826</td>
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<td>288</td>
<td>4420</td>
<td>73</td>
<td>17</td>
<td>1680</td>
</tr>
</tbody>
</table>

Standard Equipment
- ECOMODE
- Plastic water tank under the operator's platform
- Water-saving pressure sprinklers
- Individual vibration control
- 2 amplitudes / 2 frequencies
- Autom. vibration operation
- 4 spring-loaded hinged scrapers
- Indicator and hazard lights
- ROPS cabin with seat belts
  - heating
- 2 Outside mirrors
- Steering method/Operator's seat sliding / rotatable
- Steering with comfort control
  - 5 Steering modes
- Back-up alarm
- Emergency STOP
- Brake release device
- Split drums

Optional Equipment
- ECONOMIZER
- Edge cutter
- Rotary beacon
- Special paint
- Environmentally compliant hydraulic oil
- Tool kit
- Precision spreader
- Precision spreader laterally slidable
- Air condition
- Radio/Radio preparation
- Lighting for drum edge
- Backup warning buzzer with broadband technology
- Additional outside mirrors
- Asphalt temperature display
- By-pass filter
- BCM-Documentation system
- BOMAG TELEMATIC POWER
- Rearview camera
- BOMAG ECOSTOP
- Super comfort seat with air suspension
## TECHNICAL DATA

<table>
<thead>
<tr>
<th>Weight/Dimension</th>
<th>BW 154 AP-4V</th>
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<td>Stage IV / TIER4f</td>
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<td>DPF+SCR</td>
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<tr>
<td>Number of cylinders</td>
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<tr>
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<td>Performance SAE J 1995</td>
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<tr>
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<td>front + rear</td>
<td>front + rear</td>
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<td></td>
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<tr>
<td>Service brake</td>
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<tr>
<td>Parking brake</td>
<td>mech.</td>
<td>mech.</td>
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<td></td>
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<tr>
<td>Steering system</td>
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<td>2-p. pivoted</td>
</tr>
<tr>
<td>Lateral displacement right/left</td>
<td>1.130</td>
<td>1.350</td>
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<tr>
<td>Exciter system</td>
<td></td>
<td></td>
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<tr>
<td>Frequency</td>
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<td>45/60</td>
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<tr>
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<td>80/61</td>
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<tr>
<td>Sprinkler System</td>
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</tr>
<tr>
<td>Type of sprinkling</td>
<td>pressure</td>
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</tr>
<tr>
<td>Capacities</td>
<td></td>
<td></td>
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<tr>
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</tr>
<tr>
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</tr>
</tbody>
</table>

Technical modifications reserved. Machines may be shown with options.
HYBRID - ASPHALT MANAGER 2
BW 174 HYBRID

Fields of application:
ASPHALT MANAGER (AM 2) is an intelligent compaction system which automatically regulates amplitude. The AM 2 system is the enhanced successor to ASPHALT MANAGER with EVIB display (MN/m²). Real-time compaction progress is displayed visually. The EVIB value is the measuring and control base-line.

Dimensions in mm

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>H1</th>
<th>K</th>
<th>L</th>
<th>O</th>
<th>S1</th>
<th>S2</th>
<th>W</th>
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<td>1826</td>
<td>660</td>
<td>1220</td>
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<td>4420</td>
<td>73</td>
<td>19</td>
<td>17</td>
<td>1680</td>
</tr>
</tbody>
</table>

Standard Equipment
- ECOMODE
- ASPHALT MANAGER
- Oscillation mode
- Highly wear resistant AM drum
- Plastic water tank under the operator’s platform
- Water-saving pressure sprinklers
- 1 Directed exciter, front
- 1 Rotary exciter, rear
- Individual vibration control
- 4 spring-loaded hinged scrapers
- Autom. vibration operation
- Indicator and hazard lights
- ROPS cabin with seat belts + heating
- 2 Outside mirrors
- Steering method/Operator’s seat sliding / rotatable
- Steering with comfort control - 5 Steering modes
- Back-up alarm
- Brake release device
- Split drums
- Integrated display (BOP)
- Emergency STOP

Optional Equipment
- Edge cutter
- Rotary beacon
- Special paint
- Environmentally compliant hydraulic oil
- Tool kit
- Precision spreader
- Precision spreader laterally slidable
- Air condition
- Printer for ASPHALT MANAGER
- Radio/Radio preparation
- Lighting for drum edge
- By-pass filter
- Backup warning buzzer with broadband technology
- Additional outside mirrors
- BCM 05 + GPS Documentation system
- BOMAG TELEMATIC POWER
- Rearview camera
- BOMAG ECOSTOP
- Super comfort seat with air suspension
## TECHNICAL DATA

### Weights
- Operating weight CECE w. ROPS-cabin: 9,500 kg
- Axle load, front / rear CECE: 5,000/4,500 kg/cm
- Static linear load, front / rear CECE: 29,8/26,8 kg/cm
- Grossweight: 11,100 kg

### Driving Characteristics
- Speed (1): 0-10,2 km/h

### Drive
- Engine manufacturer: Kubota
- Type: V3307 CR-T
- Emission stage: StageV / TIER4f
- Exhaust gas aftertreatment: DPF
- Cooling: Liquid
- Number of cylinders: 4
- Performance ISO 14396: 54,4 hp
- Performance SAE J 1995: 74,3 hp
- Performance HYBRID: 20,0 kW
- System performance: 75,4 kW
- Speed: 2,400 min-1
- Split drum: mech.

### Brakes
- Service brake: 2-p. pivoted
- Parking brake: 1,350 mm

### Steering
- Steering system: 2-p. pivoted
- Lateral displacement right/left: 0,46/-0,20 mm

### Exciter system
- Amplitude: 111 mm
- Frequency: 45/46 Hz
- Centrifugal force: 80/36 kN

### Vario system
- ASPHALT MANAGER: front
- Frequency: 46 Hz
- Amplitude directed (hor./vert.): 0,73 mm
- Centrifugal force: 146 kN

### Capacities
- Fuel: 180,0 l
- Water: 750,0 l
**TANDEM ROLLERS**
**BW 154 APO-4V, BW 174 APO-4F**

**Fields of application:**
Tangential oscillation TanGO is an exciter system developed by BOMAG using oscillating vibration technology and is suitable for low vibration compaction work on bridges, close to buildings and on thin layers. Depending on the compaction specification, vibratory compaction can be combined with oscillation, or used separately. Easy to operate and requiring very little maintenance.

**Dimensions in mm**

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>H1</th>
<th>K</th>
<th>L</th>
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<td>1665</td>
<td>735</td>
<td>1100</td>
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<td>4420</td>
<td>73</td>
<td>17</td>
<td>19</td>
<td>1680</td>
</tr>
</tbody>
</table>

**Standard Equipment**
- Front drum vibration: 2 amplitudes / 2 frequencies
- TanGO Rear drum Oscillation: 1 Amplitude/ 1 Frequency
- Highly wear resistant oscillation drum
- ECOMODE
- Autom. vibration operation
- Vibration and oscillation individually switchable
- Plastic water tank under the operator's platform
- Water-saving pressure sprinklers
- 4 spring-loaded hinged scrapers
- Indicator and hazard lights
- ROPS cabin with seat belts + heating
- 2 Outside mirrors
- Steering method/Operator's seat sliding / rotatable
- Steering with comfort control - 5 Steering modes
- Back-up alarm
- Emergency STOP
- Brake release device
- Split drums

**Optional Equipment**
- ECONOMIZER
- Edge cutter
- Rotary beacon
- Special paint
- Environmentally compliant hydraulic oil
- Tool kit
- Precision spreader
- Precision spreader laterally slidable
- Air condition
- Radio/Radio preparation
- Lighting for drum edge
- Backup warning buzzer with broadband technology
- Additional outside mirrors
- Asphalt temperature display
- By-pass filter
- BCM-Documentation system
- BOMAG TELEMATIC POWER
- Rearview camera
- BOMAG ECOSTOP
- Super comfort seat with air suspension
TECHNICAL DATA

Weights
Operating weight CECE w. ROPS-cabin kg
Axle load, front / rear CECE kg
Static linear load, front / rear CECE kg/cm
Grossweight kg

Dimensions
Track radius, inner mm

Driving Characteristics
Speed (1) km/h

Drive
Engine manufacturer
Type
Emission stage
Exhaust gas aftertreatment
Cooling
Number of cylinders
Fuel
Performance ISO 14396 kW
Performance SAE J 1995 hp
Speed min-1
Split drum

Brakes
Service brake
Parking brake

Steering
Steering system
Lateral displacement right/left mm

Exciter system
Vibrating drum
Autom. vibr. shut off
Frequency Hz
Amplitude mm
Centrifugal force kN
Centrifugal force t
Oscillating drum
O. Frequency Hz
O. Amplitude mm

Sprinkler System
Type of sprinkling

Capacities
Fuel l
Water l

BOMAG
BW 154 APO-4V

<table>
<thead>
<tr>
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<tbody>
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BOMAG
BW 174 APO-4F

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<td>Water</td>
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Technical modifications reserved. Machines may be shown with options.
ASPHALT MANAGER – TANDEM ROLLERS
BW 154 AP-4V AM, BW 174 AP-4F AM

Fields of application:
ASPHALT MANAGER (AM 2) is an intelligent compaction system which automatically regulates amplitude. The AM 2 system is the enhanced successor to ASPHALT MANAGER with EVIB display (MN/m2). Real-time compaction progress is displayed visually. The EVIB value is the measuring and control base-line.

Standard Equipment
- ECOMODE
- ASPHALT MANAGER
- Oscillation mode
- Highly wear resistant AM drum
- Plastic water tank under the operator's platform
- Water-saving pressure sprinklers
- 1 Directed exciter, front
- 1 Rotary exciter, rear
- Individual vibration control
- 4 spring-loaded hinged scrapers
- Autom. vibration operation
- Indicator and hazard lights
- ROPS cabin with seat belts + heating
- 2 Outside mirrors
- Steering method/Operator's seat sliding / rotatable
- Steering with comfort control - 5 Steering modes
- Back-up alarm
- Brake release device
- Split drums
- Integrated display(BOP)
- Emergency STOP

Optional Equipment
- Edge cutter
- Rotary beacon
- Special paint
- Environmentally compliant hydraulic oil
- Tool kit
- Precision spreader
- Precision spreader laterally slidable
- Air condition
- Printer for ASPHALT MANAGER
- Radio/Radio preparation
- Lighting for drum edge
- By-pass filter
- Backup warning buzzer with broadband technology
- Additional outside mirrors
- BCM 05 + GPS Documentation system
- Increased amplitude (BW174AP-AM)
- BOMAG TELEMATIC POWER
- Rearview camera
- BOMAG ECOSTOP
- Super comfort seat with air suspension

Dimensions in mm

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>H1</th>
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<th>S2</th>
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<td>4420</td>
<td>73</td>
<td>19</td>
<td>17</td>
<td>1680</td>
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</tbody>
</table>
### TECHNICAL DATA

#### Weights
- Operating weight CECE w. ROPS-cabin: 7.300 kg
- Axle load, front / rear CECE: 3.750/3.550 kg
- Static linear load, front / rear CECE: 25.0/23.7 kg/cm
- Grossweight: 8.800 kg
- Service brake: 0 - 10.0
- Parking brake: 0 - 10,5
- Hydrostatic, front + rear
- Mechanical, front + rear

#### Drive
- Engine manufacturer: Kubota
- Type: V3307 CR-T
- Emission stage: Stage V / Tier 4f
- Exhaust gas aftertreatment: DOC+DPF
- Cooling: Liquid
- Number of cylinders: 4
- Performance ISO 14396: 55.4 kW
- Performance SAE J 1995: 74.2 hp
- Speed: 2.400 min⁻¹
- Drive: 2-p. pivoted
- Front + rear

#### Brakes
- Service brake: Hydrostatic
- Parking brake: Mechanical
- Steering brake: Mechanical
- Steering system: 2-p. pivoted
- Lateral displacement right/left: 1.130 mm
- Front + rear: 1.350 mm

#### Exciter system
- Amplitude: 0.66/0.32 mm
- Frequency: 45/46 Hz
- Centrifugal force: 88/44 kN

#### Vario system
- Frequency: 45 Hz
- Amplitude directed (hor./vert.): 0 - 0.80 mm
- Centrifugal force: 119 kN

#### Capabilities
- Fuel: 155.0 l
- Water: 550.0 l

Technical modifications reserved. Machines may be shown with options.
**TANDEM ROLLER**
**BW 161 AD-4**

**Fields of application:**
Compaction of asphalt layers, wear courses and frost blanket layers in new constructions and maintenance work on medium to large scale construction projects, e.g. roads, airports, parking lots.

**Dimensions in mm**

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
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<th>H2</th>
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<td>350</td>
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<td>80</td>
<td>17</td>
<td>1680</td>
</tr>
</tbody>
</table>

**Standard Equipment**
- 2 amplitudes / 2 frequencies
- Crab steer right/left 170 mm
- Autom. vibration operation
- Individual vibration control
- Operator’s platform with:
  - two steering wheels
  - Rotable and laterally sliding seat
- 2 travel levers with integrated switches for vibration
  + Edge pressing roller
  + Crab steer right/left
- Pressure sprinkling system with 2 pumps
- Back-up alarm
- Battery disconnect switch

**Optional Equipment**
- * ROPS cabin with seat belts
  + 4 integrated lights
- Cabin without ROPS
- Indicator and hazard lights
- ROPS/FOPS with safety belt
- Sun roof
- Rotary beacon
- Speedometer
- Asphalt temperature display
- Edge cutter
- Folding scrapers
- Additional weight (600kg)
- Air condition
- ECONOMIZER
- Radio
- Additional outside mirrors
- Fire extinguisher
- Pointer
## TECHNICAL DATA

### Weights
- Operating weight CECE w. cab. .................................... kg
- Axle load, front CECE ............................................. kg
- Axle load, rear CECE ............................................... kg
- Static linear load, front CECE ...................................... kg/cm
- Static linear load, rear CECE ...................................... kg/cm
- Grossweight ............................................................. kg

### Dimensions
- Track radius, inner ................................................ mm

### Driving Characteristics
- Speed (1) ............................................................... km/h
- Speed (2) ............................................................... km/h

### Drive
- Engine manufacturer ..............................................
- Type .................................................................
- Emission stage .....................................................
- Cooling ...............................................................
- Number of cylinders .............................................
- Performance ISO 14396 ......................................... kW
- Speed ............................................................... min⁻¹
- Electric equipment ............................................... V

### Brakes
- Service brake ......................................................
- Parking brake .....................................................

### Steering
- Steering system ...................................................
- Lateral displacement right/left ............................... mm

### Exciter system
- Vibrating drum ....................................................
- Autom. vibr. shut off ...........................................
- Frequency ........................................................ Hz
- Amplitude ........................................................ mm
- Centrifugal force ................................................ kN
- Centrifugal force ................................................ t

### Capacities
- Fuel ................................................................. l
- Water ............................................................... l

### BOMAG

**BW 161 AD-4**

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<td>Speed (1)</td>
<td>0-5.7</td>
</tr>
<tr>
<td>Speed (2)</td>
<td>0-11.0</td>
</tr>
</tbody>
</table>

- **Engine**
  - Deutz
  - TCD 2011 L04 w
  - Stage IIIa / TIER3
  - Liquid
  - 4
  - 74.9
  - 2.300
  - 12

- **Brakes**
  - hydrost.
  - mech.
  - oscil.artic.
  - 170

- **Steering**
  - front + rear
  - standard

- **Exciter system**
  - 40/50
  - 0,94/0,42
  - 107/74
  - 10,97,5

Technical modifications reserved. Machines may be shown with options.
TANDEM ROLLERS
BW 202 AD-4, BW 203 AD-4

Fields of application:
Compaction of asphalt layers, wear courses and frost blanket layers in new constructions and maintenance work on medium to large scale construction projects, e.g. roads, airports, parking lots.

Standard Equipment
- 2 amplitudes / 2 frequencies
- Crab steer right/left 170 mm
- Autom. vibration operation
- Individual vibration control
- Operator's platform with:
  - two steering wheels
  - Rotable and laterally sliding seat
- 2 travel levers with integrated switches for vibration
  + Edge pressing roller
  + Crab steer right/left
- Pressure sprinkling system with 2 pumps
- Back-up alarm
- Battery disconnect switch

Optional Equipment
- * ROPS cabin with seat belts
  + 4 integrated lights
- Cabin without ROPS
- Indicator and hazard lights
- ROPS/FOPS with safety belt
- Sun roof
- Rotary beacon
- Speedometer
- Asphalt temperature display
- Edge cutter
- Folding scrapers
- Additional weight 600kg (BW202AD-4)
- Air condition
- ECONOMIZER
- Radio
- Additional outside mirrors
- Fire extinguisher
- Pointer
- Frequency 60Hz (BW203AD-4)

Dimensions in mm

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>H</th>
<th>H2</th>
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<td>2320</td>
<td>350</td>
<td>4610</td>
<td>80</td>
<td>27</td>
<td>2135</td>
</tr>
</tbody>
</table>
## TECHNICAL DATA

### Weights
- Operating weight CECE w. ROPS-cabin: 11,800 kg
- Axle load, front CECE: 5,900 kg
- Axle load, rear CECE: 5,900 kg
- Static linear load, front CECE: 27,6 kg/cm
- Static linear load, rear CECE: 27,6 kg/cm
- Grossweight: 14,000 kg

### Dimensions
- Track radius, inner: 4,170 mm

### Driving Characteristics
- Speed (1): 0-6,0 km/h
- Speed (2): 0-11,0 km/h
- Max. gradeability without with vibr.: 40/35%

### Drive
- Engine manufacturer: Deutz
- Type: TCD 2012 L04 2V
- Emission stage: Stage IIIa / TIER3
- Cooling: Liquid
- Number of cylinders: 4
- Performance ISO 14396: 100,0 kW
- Speed: 2,300 min-1
- Electric equipment: V

### Brakes
- Service brake: hydrost.
- Parking brake: mech.

### Steering
- Steering system: oscil.artic.
- Lateral displacement right/left: 170 mm
- Steering / oscillating angle +/-: 30/6 grad

### Exciter system
- Vibrating drum: front + rear
- Autom. vibr. shut off: standard
- Frequency: 40/50 Hz
- Amplitude: 0,81/0,35 mm
- Centrifugal force: 126/84 kN
- Centrifugal force: 12,8/8,6 t

### Capacities
- Fuel: 200,0 l
- Water: 1,000,0 l

---

Technical modifications reserved. Machines may be shown with options.
TANDEM ROLLER
BW 203 ADO-4

Fields of application:
Compaction of asphalt layers, wear courses and frost blanket layers in new constructions and maintenance work on medium to large scale construction projects, e.g. roads, airports, parking lots.

Dimensions in mm

<table>
<thead>
<tr>
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<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>H</th>
<th>H2</th>
<th>K</th>
<th>L</th>
<th>O</th>
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<th>S2</th>
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<tbody>
<tr>
<td></td>
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<td>2295</td>
<td>715</td>
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<td>4610</td>
<td>80</td>
<td>27</td>
<td>20</td>
<td>2135</td>
</tr>
</tbody>
</table>

Standard Equipment
- Front drum vibration: 2 amplitudes / 2 frequencies
- TanGO Rear drum Oscillation: 1 Amplitude/ 1 Frequency
- Highly wear resistant oscillation drum
- Autom. vibration operation
- Individual vibration control
- Driver's seat, slewable
  - laterally slidable with steering wheel
- Pressure sprinkling system with 2 pumps
- Back-up alarm
- Battery disconnect switch

Optional Equipment
- * ROPS cabin with seat belts
  + 4 integrated lights
- Cabin without ROPS
- Indicator and hazard lights
- ROPS/FOPS with safety belt
- Sun roof
- Rotary beacon
- Speedometer
- Asphalt temperature display
- Edge cutter
- Folding scrapers
- Air condition
- ECONOMIZER
- Radio
- Additional outside mirrors
- Fire extinguisher
- Pointer
## Technical Data

### Weights
- Operating weight CECE w. cab.: kg
- Axle load, front CECE: kg
- Axle load, rear CECE: kg
- Static linear load, front CECE: kg/cm
- Static linear load, rear CECE: kg/cm
- Grossweight: kg

### Dimensions
- Track radius, inner: mm

### Driving Characteristics
- Max. gradeability without with vibr.: %

### Drive
- Engine manufacturer:
- Type:
- Emission stage:
- Cooling:
- Number of cylinders:
- Performance ISO 14396: kW
- Speed: min⁻¹
- Electric equipment: V

### Brakes
- Service brake:
- Parking brake:

### Steering
- Steering system:
- Steering system:

### Exciter system
- Vibrating drum:
- Autom. vibr. shut off:
- Frequency: Hz
- Amplitude: mm
- Centrifugal force: kN
- Oscillating drum:
- O. Frequency: Hz
- O. Amplitude: mm

### Capacities
- Fuel: l
- Water: l

---

**Technical modifications reserved. Machines may be shown with options.**

---

### BOMAG
**BW 203 ADO-4**

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<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td></td>
<td>40/35</td>
</tr>
</tbody>
</table>

- Deutz
- TCD 2012 L04 2V
- Stage IIIa / TIER3
- Liquid
  - 4
  - 100,0
  - 2,300
  - 12

- hydrot.
- multi disc

- oscil.artic.

- front
- standard
- 40/50
- 0,69/0,29
- 126/84
- rear

- 35/43
- 1,02/1,02

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</thead>
<tbody>
<tr>
<td></td>
<td>1,000,0</td>
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</tbody>
</table>
**TANDEM ROLLER**  
BW 203 AD-4 AM

**Fields of application:**  
ASPHALT MANAGER (AM 2) is an intelligent compaction system which automatically regulates amplitude. The AM 2 system is the enhanced successor to ASPHALT MANAGER with EVIB display (MN/m²). Real-time compaction progress is displayed visually. The EVIB value is the measuring and control base-line.

**Standard Equipment**
- ASPHALT MANAGER 2
- Highly wear resistant AM drum
- Asphalt temperature display
- EVIB-Control panel
- Crab steer right/left 170 mm
- Autom. vibration operation
- Individual vibration control
- Operator's platform with:
  - two steering wheels
  - Rotable and laterally sliding seat
- 2 travel levers with integrated switches for vibration
  - Edge pressing roller
  - Crab steer right/left
- Pressure sprinkling system with 2 pumps
- Back-up alarm
- Battery disconnect switch
- Folding scrapers

**Optional Equipment**
- * ROPS cabin with seat belts
  - 4 integrated lights
- Cabin without ROPS
- Indicator and hazard lights
- ROPS/FOPS with safety belt
- Rotary beacon
- Speedometer
- Edge cutter
- Air condition
- Radio
- Additional outside mirrors
- Fire extinguisher
- Pointer

**Dimensions in mm**

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>H</th>
<th>H2</th>
<th>K</th>
<th>L</th>
<th>O</th>
<th>W</th>
</tr>
</thead>
<tbody>
<tr>
<td>3300</td>
<td>2295</td>
<td>715</td>
<td>1236</td>
<td>2320</td>
<td>3000</td>
<td>350</td>
<td>4610</td>
<td>80</td>
<td>2135</td>
</tr>
</tbody>
</table>
Technical Data

Weights
Operating weight CECE w. ROPS-cabin kg
Axle load, front / rear CECE kg
Static linear load, front / rear CECE kg/cm
Grossweight kg

Dimensions
Track radius, inner mm
Shell thickness, front / rear mm

Driving Characteristics
Speed (1) km/h
Speed (2) km/h
Max. gradeability without/with vibr. %

Drive
Engine manufacturer
Emission stage
Cooling
Number of cylinders
Performance ISO 14396 kW
Performance SAE J 1995 hp
Speed min-1

Brakes
Service brake
Parking brake

Steering
Steering system
Lateral displacement right/left mm

Exciter system
Vibrating drum
Autom. vibr. shut off
Frequency Hz
Amplitude mm
Centrifugal force kN
Centrifugal force t

Vario system
ASPHALT MANAGER
Frequency Hz
Amplitude mm
Centrifugal force kN
Centrifugal force t

Capacities
Fuel l
Water l

Technical modifications reserved. Machines may be shown with options.
TANDEM ROLLER
BW 205 AD-4

Fields of application:
Compaction of asphalt layers, wear courses and frost blanket layers in new constructions and maintenance work on medium to large scale construction projects, e.g. roads, airports, parking lots.

Standard Equipment
- 2 amplitudes / 2 frequencies
- Crab steer right/left 170 mm
- Autom. vibration operation
- Individual vibration control
- Operator's platform with:
  - two steering wheels
  - Rotable and laterally sliding seat
- 2 travel levers with integrated switches for vibration
  + Edge pressing roller
  + Crab steer right/left
- Pressure sprinkling system with 2 pumps
- Back-up alarm
- Battery disconnect switch

Optional Equipment
- * ROPS cabin with seat belts
  + 4 integrated lights
- Cabin without ROPS
- Indicator and hazard lights
- ROPS/FOPS with safety belt
- Sun roof
- Rotary beacon
- Speedometer
- Asphalt temperature display
- Edge cutter
- Folding scrapers
- Air condition
- ECONOMIZER
- Radio
- Additional outside mirrors
- Fire extinguisher
- Pointer

Dimensions in mm

<table>
<thead>
<tr>
<th>Dimensions in mm</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>H</th>
<th>H2</th>
<th>K</th>
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<td>4610</td>
<td>80</td>
<td>32</td>
<td>2135</td>
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</tbody>
</table>
## TECHNICAL DATA

### Weights
- Operating weight CECE w. ROPS-cabin: **kg**
- Axle load, front CECE: **kg**
- Axle load, rear CECE: **kg**
- Static linear load, front CECE: **kg/cm**
- Static linear load, rear CECE: **kg/cm**
- Grossweight: **kg**

### Dimensions
- Track radius, inner: **mm**

### Driving Characteristics
- Speed (1): **km/h**
- Speed (2): **km/h**
- Max. gradeability without/with vibr.: **%**

### Drive
- Engine manufacturer: 
- Type: 
- Emission stage: 
- Cooling: 
- Number of cylinders: 
- Performance ISO 14396: **kW**
- Speed: **min⁻¹**
- Electric equipment: **V**

### Brakes
- Service brake: 
- Parking brake: 

### Steering
- Steering system: 
- Lateral displacement right/left: **mm**
- Steering / oscillating angle +/-: **grad**

### Exciter system
- Vibrating drum: 
- Autom. vbr. shut off: 
- Frequency: **Hz**
- Amplitude: **mm**
- Centrifugal force: **kN**
- Centrifugal force: **t**

### Capacities
- Fuel: **l**
- Water: **l**

### BOMAG

#### BW 205 AD-4

- 14.800
- 7.400
- 7.400
- 34.7
- 34.7
- 15.600
- 4.170
- 0-5.7
- 0-11.0
- 30/25

- Deutz
- TCD 2012 L04 2V
- Stage IIla / TIER3
- Liquid
- 4
- 100.0
- 2.300
- 12
- hydrost.
- multi disc
- oscil.artic.
- 170
- 30/6
- front + rear
- standard
- 40/50
- 0.60/0.25
- 126/84
- 12.8/8.6
- 200.0
- 1.000.0

Technical modifications reserved. Machines may be shown with options.
**COMBINATION ROLLER**

**BW 90 AC-5**

**Fields of application:**
Compaction of asphalt layers and wear courses on small and confined construction projects. Due to the excellent sealing of the surface and the good adapting abilities of the rubber tires to marginal areas and joints the machine is particularly suitable for walkways and cycle paths, parking lots and all types of repair works.

**Dimensions in mm**

<table>
<thead>
<tr>
<th>BW 90 AC-5</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>H</th>
<th>H2</th>
<th>K</th>
<th>L</th>
<th>O</th>
<th>S</th>
<th>W</th>
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<tbody>
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<td>956</td>
<td>433</td>
<td>580</td>
<td>1627</td>
<td>2304</td>
<td>255</td>
<td>2194</td>
<td>28</td>
<td>12</td>
<td>900</td>
</tr>
</tbody>
</table>

**Standard Equipment**
- Four smooth rear rubber wheels
- Hydrostatic travel and vibration drive
- 2 scrapers per drum, spring loaded and tiltable
- Pressure sprinkler system with interval switch
- Multi function travel lever
- Multi-function display incl. operating hour meter
- Water level
- Emergency STOP
- Intelligent Vibration Control (IVC)
- Integrated stowage compartment
- Adjustable operator’s seat
- Seat contact switch
- Vandalism protection
- 12V socket
- Working lights front and rear
- Back-up alarm
- Lockable engine hood made of composite material
- Lashing eyes, galvanized
- Single point lifting device

**Optional Equipment**
- ROPS with safety belt
- * Foldable ROPS incl. seat belt
- Double travel lever
- Seat heating
- ECONOMIZER with asphalt temperature display
- Temperature display
- BOMAG TELEMATIC
- Electronic fuel gauge
- Theft protection
- Indicator and hazard lights
- Rotary beacon
- Optional lighting on ROPS
- Battery disconnect switch
- Environmentally compliant hydraulic oil
- Special painting
- Edge cutter
- Port for hydraulik breaker
- Backup warning buzzer with broadband technology
- Brake release device

* Standard delivery with CE conformity (valid within European Union)
### TECHNICAL DATA

#### Weights

<table>
<thead>
<tr>
<th>Description</th>
<th>Unit</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating weight CECE</td>
<td>kg</td>
<td>1.570</td>
</tr>
<tr>
<td>Axle load, drum / wheels CECE</td>
<td>kg</td>
<td>740/830</td>
</tr>
<tr>
<td>Wheel load CECE</td>
<td>kg</td>
<td>208</td>
</tr>
<tr>
<td>Static linear load, front CECE</td>
<td>kg/cm</td>
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</tr>
<tr>
<td>Grossweight</td>
<td>kg</td>
<td>1.900</td>
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#### Dimensions

<table>
<thead>
<tr>
<th>Description</th>
<th>Unit</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Working width</td>
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<tr>
<td>Track radius, inner</td>
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#### Driving Characteristics

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<tr>
<td>Speed</td>
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<tr>
<td>Working speed with vibration</td>
<td>km/h</td>
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<tr>
<td>Max. gradeability without vibration</td>
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#### Drive

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<td>Type</td>
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<tr>
<td>Emission stage</td>
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<td>Stage V / TIER4f</td>
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<tr>
<td>Cooling</td>
<td></td>
<td>water</td>
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<tr>
<td>Number of cylinders</td>
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<tr>
<td>Performance ISO 14396</td>
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<tr>
<td>Speed adjustment 2</td>
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<td>Electric equipment</td>
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<td>12</td>
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<tr>
<td>Driven drum</td>
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<td>front</td>
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<tr>
<td>Driven wheels</td>
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#### Drums and Tyres

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<tr>
<td>Parking brake</td>
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<tr>
<td>Oscillation</td>
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<td></td>
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<tr>
<td>Steering system</td>
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<td></td>
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<tr>
<td>Steering method</td>
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<td>oscil.artic.</td>
</tr>
<tr>
<td>Steering / oscillating angle +/-</td>
<td>grad</td>
<td>33/8</td>
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<tr>
<td>Crab walk</td>
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#### Brakes

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<td>Parking</td>
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#### Exciter system

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<tr>
<td>Vibrating drum</td>
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<tr>
<td>Drive system</td>
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<tr>
<td>Frequency</td>
<td>Hz</td>
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<td>Centrifugal force</td>
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#### Sprinkler System

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<td>Type of sprinkling</td>
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#### Capacities

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<thead>
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<th>Unit</th>
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<tr>
<td>Water</td>
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</tr>
<tr>
<td>Emulsion</td>
<td>l</td>
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Technical modifications reserved. Machines may be shown with options.
COMBINATION ROLLERS
BW 100 ACM-5, BW 100 SCC-5

Fields of application:
Compaction of asphalt layers and wear courses on small and confined construction projects. Due to the excellent sealing of the surface and the good adapting abilities of the rubber tires to marginal areas and joints the machine is particularly suitable for walkways and cycle paths, parking lots and all types of repair works.

Standard Equipment
- Four smooth rear rubber wheels
- Hydrostatic travel and vibration drive
- 2 scrapers per drum, spring loaded and tiltable
- Pressure sprinkler system with interval switch
- Multi function travel lever
- Multi-function display incl. operating hour meter
- Water level
- Emergency STOP
- Intelligent Vibration Control (IVC)
- Integrated stowage compartment
- Adjustable operator’s seat
- Seat contact switch
- Vandalism protection
- 12V socket
- Working lights front and rear
- Back-up alarm
- Lockable engine hood made of composite material
- Lashing eyes, galvanized
- Single point lifting device

Optional Equipment
- ROPS with safety belt
- * Foldable ROPS incl. seat belt
- Double travel lever
- Seat heating
- ECONOMIZER with asphalt temperature display (BW100ACM)
- Temperature display
- BOMAG TELEMATIC
- Electronic fuel gauge
- Theft protection
- Indicator and hazard lights
- Rotary beacon
- Optional lighting on ROPS
- Battery disconnect switch
- Environmentally compliant hydraulic oil
- Special painting
- Edge cutter
- Port for hydraulik breaker
- Backup warning buzzer with broadband technology
- Brake release device

* Standard delivery with CE conformity (valid within European Union)

Dimensions in mm

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>H</th>
<th>H2</th>
<th>K</th>
<th>L</th>
<th>O</th>
<th>S</th>
<th>W</th>
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<tr>
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<td>580</td>
<td>1663</td>
<td>2340</td>
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<td>2194</td>
<td>28</td>
<td>12</td>
<td>1000</td>
</tr>
<tr>
<td>BW 100 SCC-5</td>
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<td>1056</td>
<td>435</td>
<td>580</td>
<td>1663</td>
<td>2340</td>
<td>240</td>
<td>2194</td>
<td>28</td>
<td>12</td>
<td>1000</td>
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</tbody>
</table>
### TECHNICAL DATA

<table>
<thead>
<tr>
<th><strong>Weights</strong></th>
<th><strong>BOMAG BW 100 ACM-5</strong></th>
<th><strong>BOMAG BW 100 SCC-5</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating weight CECE</td>
<td>1.600</td>
<td>1.650</td>
</tr>
<tr>
<td>Axle load, drum / wheels CECE</td>
<td>770/830</td>
<td>775/875</td>
</tr>
<tr>
<td>Wheel load CECE</td>
<td>208</td>
<td>219</td>
</tr>
<tr>
<td>Static linear load, front CECE</td>
<td>7.7</td>
<td>7.8</td>
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<tr>
<td>Grossweight</td>
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<table>
<thead>
<tr>
<th><strong>Dimensions</strong></th>
<th><strong>BOMAG BW 100 ACM-5</strong></th>
<th><strong>BOMAG BW 100 SCC-5</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Working width</td>
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<tr>
<td>Track radius, inner</td>
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<table>
<thead>
<tr>
<th><strong>Driving Characteristics</strong></th>
<th><strong>BOMAG BW 100 ACM-5</strong></th>
<th><strong>BOMAG BW 100 SCC-5</strong></th>
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<tr>
<td>Speed</td>
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<td>Working speed with vibration</td>
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<td>Max. gradeability without vibr.</td>
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<td>Performance SAE J 1995</td>
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<td>Driven drum</td>
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<tr>
<td>Driven wheels</td>
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<table>
<thead>
<tr>
<th><strong>Drums and Tyres</strong></th>
<th><strong>BOMAG BW 100 ACM-5</strong></th>
<th><strong>BOMAG BW 100 SCC-5</strong></th>
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<tr>
<td>Tyre size</td>
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</tr>
<tr>
<td>Parking brake</td>
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</tbody>
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<table>
<thead>
<tr>
<th><strong>Steering</strong></th>
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<th><strong>BOMAG BW 100 SCC-5</strong></th>
</tr>
</thead>
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<tr>
<td>Steering system</td>
<td>oscil.artic.</td>
<td>oscil.artic.</td>
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<tr>
<td>Steering method</td>
<td>hydromec.</td>
<td>hydromec.</td>
</tr>
<tr>
<td>Steering / oscillating angle +/-</td>
<td>33/8</td>
<td>33/8</td>
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<tr>
<td>Crab walk</td>
<td>0-50</td>
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<table>
<thead>
<tr>
<th><strong>Exciter system</strong></th>
<th><strong>BOMAG BW 100 ACM-5</strong></th>
<th><strong>BOMAG BW 100 SCC-5</strong></th>
</tr>
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<tr>
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<td>Drive system</td>
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<tr>
<td>Frequency</td>
<td>42/63</td>
<td>42/63</td>
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<td>Amplitude</td>
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<tr>
<td>Centrifugal force</td>
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<table>
<thead>
<tr>
<th><strong>Sprinkler System</strong></th>
<th><strong>BOMAG BW 100 ACM-5</strong></th>
<th><strong>BOMAG BW 100 SCC-5</strong></th>
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</thead>
<tbody>
<tr>
<td>Type of sprinkling</td>
<td>pressure</td>
<td>pressure</td>
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<table>
<thead>
<tr>
<th><strong>Capacities</strong></th>
<th><strong>BOMAG BW 100 ACM-5</strong></th>
<th><strong>BOMAG BW 100 SCC-5</strong></th>
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</thead>
<tbody>
<tr>
<td>Fuel</td>
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<td>30,0</td>
</tr>
<tr>
<td>Water</td>
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<td>100,0</td>
</tr>
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<td>Emulsion</td>
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</table>

Technical modifications reserved. Machines may be shown with options.
COMBINATION ROLLERS
BW 100 AC-5, BW 120 AC-5

Fields of application:
Compaction of asphalt layers and wear courses on small and confined construction projects. Due to the excellent sealing of the surface and the good adapting abilities of the rubber tires to marginal areas and joints the machine is particularly suitable for walkways and cycle paths, parking lots and all types of repair works.

Dimensions in mm

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>H</th>
<th>H2</th>
<th>K</th>
<th>L</th>
<th>O</th>
<th>S</th>
<th>W</th>
</tr>
</thead>
<tbody>
<tr>
<td>BW 100 AC-5</td>
<td>1752</td>
<td>1072</td>
<td>523</td>
<td>700</td>
<td>1808</td>
<td>2568</td>
<td>254</td>
<td>2529</td>
<td>36</td>
<td>13</td>
<td>1000</td>
</tr>
<tr>
<td>BW 120 AC-5</td>
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<td>1272</td>
<td>523</td>
<td>700</td>
<td>1808</td>
<td>2568</td>
<td>254</td>
<td>2529</td>
<td>36</td>
<td>13</td>
<td>1200</td>
</tr>
</tbody>
</table>

Standard Equipment
- Four smooth rear rubber wheels
- Hydrostatic travel and vibration drive
- 2 scrapers per drum, spring loaded and tiltable
- Pressure sprinkler system with interval switch
- Multi function travel lever
- Multi-function display incl. operating hour meter
- Water level
- Emergency STOP
- Intelligent Vibration Control (IVC)
- Integrated stowage compartment
- Adjustable operator’s seat
- Seat contact switch
- Vandalism protection
- 12V socket
- Working lights front and rear
- Back-up alarm
- Lockable engine hood made of composite material
- Lashing eyes, galvanized
- Single point lifting device

Optional Equipment
- * Foldable ROPS incl. seat belt
- Sun roof, rigid
- Sun roof, foldable with ROPS
- Weather protection for sun roof
- Seat heating
- Sliding seat incl. double travel lever
- ECONOMIZER with asphalt temperature display
- Temperature display
- BOMAG TELEMATIC
- Indicator and hazard lights
- Rotary beacon
- Optional lighting on ROPS
- Lighting for drum edge
- Battery disconnect switch
- Environmentally compliant hydraulic oil
- Theft protection
- Edge cutter
- Gravel scrapper
- Hydraulically adjustable crabwalk (50mm)
- Pointer
- Special painting
- Backup warning buzzer with broadband technology

* Standard delivery with CE conformity (valid within European Union)
## Weights
- Operating weight w. ROPS CECE: 2.350 kg
- Axle load, drum CECE: 1.150 kg
- Axle load, wheels CECE: 1.200 kg
- Wheel load CECE: 300 kg
- Static linear load, front CECE: 11.5 kg/cm
- Gross weight: 3.150 kg

## Dimensions
- Working width: 1.000 mm
- Track radius, inner: 2.550 mm

## Driving Characteristics
- Speed: 0-10.0 km/h
- Working speed with vibration: 0-10.0 km/h
- Max. gradeability without/with vibr.: 40/30 %

## Drive
- Engine manufacturer: Kubota
- Type: D 1703
- Emission stage: Stage IIIa / TIER4i
- Cooling: water
- Number of cylinders: 3
- Performance ISO 14396: 24.3 kW
- Performance SAE J 1995: 32.6 hp
- Speed: 2.600 min⁻¹
- Speed adjustment 1: 2.500 min⁻¹
- Speed adjustment 2: 2.600 min⁻¹
- Electric equipment: 12 V
- Driven drum: standard
- Driven wheels: 4

## Drums and Tyres
- Tyre size: 205/60-15
- Brakes: hydrost.
- Parking brake: hydromec.
- Steering system: oscil.artic.
- Steering method: hydrost.
- Steering / oscillating angle: 32/10 grad
- Crab walk: 50

## Exciter system
- Vibrating drum: front
- Drive system: hydrost.
- Frequency: 63/67 Hz
- Amplitude: 0.50 mm
- Centrifugal force: 30/34 kN

## Sprinkler System
- Type of sprinkling: pressure

## Capacities
- Fuel: 35.0 l
- Water: 160.0 l
- Emulsion: 45.0 l

Technical modifications reserved. Machines may be shown with options.
COMBINATION ROLLERS
BW 100 AC-5, BW 120 AC-5

Fields of application:
Compaction of asphalt layers and wear courses on small and confined construction projects. Due to the excellent sealing of the surface and the good adapting abilities of the rubber tires to marginal areas and joints the machine is particularly suitable for walkways and cycle paths, parking lots and all types of repair works.

Dimensions in mm

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<th>S</th>
<th>W</th>
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</thead>
<tbody>
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<td>523</td>
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<td>1808</td>
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<td>36</td>
<td>13</td>
<td>1000</td>
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<tr>
<td>BW 120 AC-5</td>
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<td>2568</td>
<td>254</td>
<td>2529</td>
<td>36</td>
<td>13</td>
<td>1200</td>
</tr>
</tbody>
</table>

Standard Equipment
- Four smooth rear rubber wheels
- Hydrostatic travel and vibration drive
- 2 scrapers per drum, spring loaded and tiltable
- Pressure sprinkler system with interval switch
- Multi function travel lever
- Multi-function display incl. operating hour meter
- Water level
- Emergency STOP
- Intelligent Vibration Control (IVC)
- Integrated stowage compartment
- Adjustable operator’s seat
- Seat contact switch
- Vandalism protection
- 12V socket
- Working lights front and rear
- Back-up alarm
- Lockable engine hood made of composite material
- Lashing eyes, galvanized
- Single point lifting device

Optional Equipment
- * Foldable ROPS incl. seat belt
- Sun roof, rigid
- Sun roof, foldable with ROPS
- Weather protection for sun roof
- Seat heating
- Sliding seat incl. double travel lever
- ECONOMIZER with asphalt temperature display
- Temperature display
- BOMAG TELEMATIC
- Indicator and hazard lights
- Rotary beacon
- Optional lighting on ROPS
- Lighting for drum edge
- Battery disconnect switch
- Environmentally compliant hydraulic oil
- Theft protection
- Edge cutter
- Gravel scratter
- Hydraulically adjustable crabwalk (50mm)
- Pointer
- Special painting
- Backup warning buzzer with broadband technology

* Standard delivery with CE conformity (valid within European Union)
## TECHNICAL DATA

### Weights
- Operating weight w. ROPS CECE: 45.0 kg
- Axle load, drum / wheels CECE: 160.0 kg
- Wheel load CECE: 35.0 kg
- Static linear load, front CECE: 12.2 kg/cm
- Grossweight: 2.800 kg

### Dimensions
- Working width: 1.000 mm
- Track radius, inner: 2.550 mm

### Driving Characteristics
- Speed: 0-10.0 km/h
- Working speed with vibration: 0-10.0 km/h
- Max. gradeability without vibr.: 40/30%

### Drive
- Engine manufacturer: Kubota
- Type: D1803
- Emission stage: Stage V / TIER4f
- Exhaust gas aftertreatment: DPF
- Cooling: water
- Number of cylinders: 3
- Performance ISO 14396: 24.6 kW
- Performance SAE J 1995: 33.0 hp
- Speed adjustment 1: 2.600 min⁻¹
- Speed adjustment 2: 2.600 min⁻¹
- Electric equipment: 12 V
- Driven drum: standard
- Driven wheels: 4

### Drums and Tyres
- Tyre size: 205/60-15

### Brakes
- Service brake: hydromec.
- Parking brake: hydromec.

### Steering
- Steering system: oscil.artic.
- Steering method: hydrost.
- Steering / oscillating angle: 32/10 grad
- Crab walk: 0-50

### Exciter system
- Vibrating drum: front
- Drive system: hydrost.
- Frequency: 63/87 Hz
- Amplitude: 0.50 mm
- Centrifugal force: 30/34 kN

### Sprinkler System
- Type of sprinkling: pressure

### Capacities
- Fuel: 35.0 l
- Water: 160.0 l
- Emulsion: 45.0 l

---

Technical modifications reserved. Machines may be shown with options.
COMBINATION ROLLERS
BW 115 AC-5, BW 131 ACW-5

Fields of application:
Compaction of asphalt layers and wear courses on small and confined construction projects. Due to the excellent sealing of the surface and the good adapting abilities of the rubber tires to marginal areas and joints the machine is particularly suitable for walkways and cycle paths, parking lots and all types of repair works.

Dimensions in mm

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>C</th>
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<th>L</th>
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<td>3100</td>
<td>40</td>
<td>15</td>
<td>1300</td>
</tr>
</tbody>
</table>

Standard Equipment
- Hydrostatic drive
- 2 scrapers per drum
- Sprinkler system on drum and wheels
- Multi-function display incl. operating hour meter
- Fuel level indicator
- Engine temperature
- Speedometer
- 2 travel levers with integrated switches for vibration
- Emergency stop button
- Emergency brake
- Intelligent vibration control (IVC)
- Comfort driver’s seat
- Back-up alarm
- Working lights front and rear
- Outside mirrors

Optional Equipment
- ECONOMIZER
- Rotary beacon
- Sun roof
- Ultrasonic sensor for backup alarm system
### Technical Data

#### Weights
- Operating weight CECE: 2,600 kg
- Static linear load, front CECE: 11,7 kg/cm
- Max. weight: 2,800 kg

#### Dimensions
- Track radius, inner: 2,500 mm

#### Driving Characteristics
- Max. travel speed: 0 - 12,0 km/h
- Max. gradeability without/with vibr.: 35/25 %

#### Drive
- Type: Kubota D 1703
- Emission stage: Stage 3a/TIER4f/CN3
- Engine manufacturer: Kubota
- Speed: 12 V
- Driven drum: 1
- Driven wheels: 4
- Drives: hydrost.
- Drums and Tyres: 9.5/65-15
- Tyre size: 4
- Number of tyres: 4
- Steer: hydromec.
- Steering angle +/-: 35 grad
- Oscillating angle +/-: 8 grad

#### Exciter System
- Frequency (1): 60 Hz
- Amplitude (1): 0,30 mm
- Centrifugal force 1: 23 kN
- Frequency: hydrost.
- Oscillating angle: hydrost.

#### Sprinkler System
- Type of sprinkling: water
- Centrifugal force: pressure

#### Capacities
- Fuel: 40,0 l
- Water: 200,0 l
- Emulsion: 10,0 l
- Water: 310,0 l
- Fuel: 40,0 l
COMBINATION ROLLER
BW 138 AC-5

Fields of application:
Compaction of asphalt layers and wear courses on small and confined construction projects. Due to the excellent sealing of the surface and the good adapting abilities of the rubber tires to marginal areas and joints the machine is particularly suitable for walkways and cycle paths, parking lots and all types of repair works.

Standard Equipment
- Hydrostatic travel and vibration drive
- 2 scrapers per drum, spring loaded and tiltable
- Pressure sprinkler system with interval switch
- Multi function travel lever
- Multi-function display incl. operating hour meter
- Water level
- Electronic fuel gauge
- Emergency STOP
- Individual control, vibration
- Intelligent Vibration Control (IVC)
- Integrated stowage compartment
- Sliding seat incl. double travel lever
- Seat contact switch
- 12V socket
- Working lights front and rear
- Vandalism protection
- Lockable engine hood made of composite material
- Lashing eyes, galvanized
- Single point lifting device
- Back-up alarm

Optional Equipment
- *Foldable ROPS incl. seat belt
- Sun roof, rigid
- Sun roof, foldable with ROPS
- Weather protection for sun roof
- Weather protection cabin
- Seat heating
- ECONOMIZER with asphalt temperature display
- Temperature display
- BOMAG TELEMATIC
- Indicator and hazard lights
- Rotary beacon
- Optional lighting on ROPS
- Lighting for drum edge
- Battery disconnect switch
- Environmentally compliant hydraulic oil
- Theft protection
- Edge cutter
- Gravel scatter
- Thermal aprons
- Hydraulically adjustable crabwalk (50mm)
- Pointer
- 2. Amplitude:0.2mm
- Backup warning buzzer with broadband technology
- Special painting
- Tool kit

* Standard delivery with CE conformity (valid within European Union)

Dimensions in mm

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>H</th>
<th>H2</th>
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<th>O</th>
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**Weights**

<table>
<thead>
<tr>
<th>Description</th>
<th>Unit</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating weight w. ROPS CECE</td>
<td>kg</td>
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</tr>
<tr>
<td>Axle load, drum / wheels CECE</td>
<td>kg</td>
<td>2.150/2.000</td>
</tr>
<tr>
<td>Wheel load CECE</td>
<td>kg</td>
<td>500</td>
</tr>
<tr>
<td>Static linear load, front CECE</td>
<td>kg/cm</td>
<td>15.6</td>
</tr>
<tr>
<td>Grossweight</td>
<td>kg</td>
<td>4.300</td>
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**Dimensions**

<table>
<thead>
<tr>
<th>Description</th>
<th>Unit</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Working width</td>
<td>mm</td>
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</tr>
<tr>
<td>Track radius, inner</td>
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**Driving Characteristics**

<table>
<thead>
<tr>
<th>Description</th>
<th>Unit</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max. travel speed</td>
<td>km/h</td>
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<tr>
<td>Working speed with vibration</td>
<td>km/h</td>
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</tr>
<tr>
<td>Max. gradeability without/with vibr.</td>
<td>%</td>
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</tbody>
</table>

**Drive**

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
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</thead>
<tbody>
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<tr>
<td>Type</td>
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<tr>
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<tr>
<td>Cooling</td>
<td>water</td>
</tr>
<tr>
<td>Performance ISO 14396</td>
<td>kW</td>
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<td>Performance SAE J 1995</td>
<td>hp</td>
</tr>
<tr>
<td>Speed</td>
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<tr>
<td>Speed adjustment 1</td>
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<td>Speed adjustment 2</td>
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**Drums and Tyres**

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
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<tbody>
<tr>
<td>Tyre size</td>
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</tr>
<tr>
<td>Number of tyres</td>
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**Brakes**

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
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<tbody>
<tr>
<td>Service brake</td>
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<tr>
<td>Parking brake</td>
<td>hydromec.</td>
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</table>

**Steering**

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
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</tr>
<tr>
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</tr>
<tr>
<td>Steering / oscillating angle +/-</td>
<td>grad 32/10</td>
</tr>
<tr>
<td>Crab walk</td>
<td>front 0-50</td>
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</table>

**Exciter system**

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vibrating drum</td>
<td>hydrost.</td>
</tr>
<tr>
<td>Drive system</td>
<td>hydrost.</td>
</tr>
<tr>
<td>Frequency</td>
<td>Hz</td>
</tr>
<tr>
<td>Amplitude</td>
<td>mm</td>
</tr>
<tr>
<td>Centrifugal force</td>
<td>kN</td>
</tr>
</tbody>
</table>

**Capacities**

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fuel</td>
<td>l</td>
</tr>
<tr>
<td>Water</td>
<td>l</td>
</tr>
<tr>
<td>Emulsion</td>
<td>l</td>
</tr>
</tbody>
</table>

Technical modifications reserved. Machines may be shown with options.
COMBINATION ROLLER
BW 138 AC-5

Fields of application:
Compaction of asphalt layers and wear courses on small and confined construction projects. Due to the excellent sealing of the surface and the good adapting abilities of the rubber tires to marginal areas and joints the machine is particularly suitable for walkways and cycle paths, parking lots and all types of repair works.

Dimensions in mm

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>H</th>
<th>H2</th>
<th>K</th>
<th>L</th>
<th>O</th>
<th>S</th>
<th>W</th>
</tr>
</thead>
<tbody>
<tr>
<td>BW 138 AC-5</td>
<td>1900</td>
<td>1468</td>
<td>700</td>
<td>900</td>
<td>1900</td>
<td>2700</td>
<td>340</td>
<td>2840</td>
<td>44</td>
<td>18</td>
<td>1380</td>
</tr>
</tbody>
</table>

Standard Equipment
- Hydrostatic travel and vibration drive
- 2 scrapers per drum, spring loaded and tiltable
- Pressure sprinkler system with interval switch
- Multi function travel lever
- Multi-function display incl. operating hour meter
- Water level
- Electronic fuel gauge
- Emergency STOP
- Individual control, vibration
- Intelligent Vibration Control (IVC)
- Integrated stowage compartment
- Sliding seat incl. double travel lever
- Seat contact switch
- 12V socket
- Working lights front and rear
- Vandalism protection
- Lockable engine hood made of composite material
- Lashing eyes, galvanized
- Single point lifting device
- Back-up alarm

Optional Equipment
- *Foldable ROPS incl. seat belt
- Sun roof, rigid
- Sun roof, foldable with ROPS
- Weather protection for sun roof
- Weather protection cabin
- Seat heating
- ECONOMIZER with asphalt temperature display
- Temperature display
- BOMAG TELEMATIC
- Indicator and hazard lights
- Rotary beacon
- Optional lighting on ROPS
- Lighting for drum edge
- Battery disconnect switch
- Environmentally compliant hydraulic oil
- Theft protection
- Edge cutter
- Gravel scrapper
- Thermal aprons
- Hydraulically adjustable crabwalk (50mm)
- Pointer
- 2. Amplitude:0,2mm
- Backup warning buzzer with broadband technology
- Special painting
- Tool kit
- ECOSTOP

* Standard delivery with CE conformity (valid within European Union)
**TECHNICAL DATA**

**Weights**
- Operating weight w. ROPS CECE: kg
- Axle load, drum / wheels CECE: kg
- Wheel load CECE: kg
- Static linear load, front CECE: kg/cm
- Grossweight: kg

**Dimensions**
- Working width: mm
- Track radius, inner: mm

**Driving Characteristics**
- Speed (1): km/h
- Speed (2): km/h
- Max. gradeability without/with vibr.: %

**Drive**
- Engine manufacturer:
- Type:
- Emission stage:
- Exhaust gas aftertreatment:
- Cooling:
- Number of cylinders:
- Performance ISO 14396: kW
- Performance SAE J 1995: hp
- Speed:
- Speed adjustment 1:
- Speed adjustment 2:
- Electric equipment:

**Drums and Tyres**
- Tyre size:
- Number of tyres:
- Tyre size:

**Brakes**
- Service brake:
- Parking brake:

**Steering**
- Steering system:
- Steering method:
- Steering / oscillating angle +/−: grad
- Crab walk:

**Exciter system**
- Vibrating drum:
- Drive system:
- Frequency:
- Amplitude:
- Centrifugal force:

**Capacities**
- Fuel:
- Water:
- Emulsion:

**Specifications**
- BOMAG BW 138 AC-5
- Kubota V2403 Stage V / TIER4f DPF water
- 139
COMBINATION ROLLERS
BW 151 AC-5, BW 161 AC-5

Fields of application:
Compaction of asphalt layers, wear courses and frost blanket layers in new constructions and maintenance work on medium to large scale construction projects. Due to the excellent sealing of the surface and the kneading effect of the rubber tires particularly suitable for parking lots, roads and asphalt materials sensitive to scuffing.

Dimensions in mm

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>H</th>
<th>H2</th>
<th>K</th>
<th>L</th>
<th>O</th>
<th>S</th>
<th>W</th>
</tr>
</thead>
<tbody>
<tr>
<td>BW 151 AC-5</td>
<td>3300</td>
<td>1844</td>
<td>730</td>
<td>1100</td>
<td>2240</td>
<td>3000</td>
<td>250</td>
<td>4400</td>
<td>82</td>
<td>16</td>
<td>1680</td>
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<tr>
<td>BW 161 AC-5</td>
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<td>1836</td>
<td>670</td>
<td>1220</td>
<td>2315</td>
<td>3050</td>
<td>250</td>
<td>4840</td>
<td>78</td>
<td>17</td>
<td>1680</td>
</tr>
</tbody>
</table>

Standard Equipment
- 2 amplitudes / 2 frequencies
- ECOMODE
- Autom. vibration operation
- Driver’s seat, slewable (-15/+75°)
  - laterally slidable with steering wheel
- 2 travel levers with integrated switches for vibration
  + Edge pressing roller
  + Crab steer right/left
  + Warning horn
- On-board computer
  - engine oil temperature
  - Speedometer
  - Fuel consumption
  - Engine temperature
- V-belt protection
- Compartments for documents and tools
- Pressure sprinkling system with 3 pumps
  (Water/Emulsion)
- Back-up alarm
- Battery disconnect switch
- Emergency stop button

Optional Equipment
- ROPS cabin with seat belts
  + heating, Ventilation
  + 4 Working head lights
- ROPS cabin with air conditioning
- Rotary beacon
- Crab-walk to both sides (170mm)
- 2 LED-lights for cabin roof (flatbeam)
- Edge cutter
- Special painting
- Environmentally compliant hydraulic oil
- Radio/Radio preparation
- ROPS/FOPS with safety belt
- Precision spreader BS180
- Precision spreader BS180 laterally slidable
- Asphalt temperature display
- Lighting for drum edge front and rear
- Seat heating
- Frequency 70Hz
- Approval by the German TÜV
- Thermal aprons
- BOMAG TELEMATIC POWER
- Outside mirrors
- ECONOMIZER
- BCM-Documentation system
### TECHNICAL DATA

#### Weights
- Operating weight CECE w. ROPS-cabin: 7.500 kg (BW 151 AC-5), 9.700 kg (BW 161 AC-5)
- Static linear load CECE: 23.2 kg/cm (BW 151 AC-5), 30.4 kg/cm (BW 161 AC-5)
- Axle load, drum CECE: 3.900 kg (BW 151 AC-5), 5.100 kg (BW 161 AC-5)
- Axle load, wheels CECE: 3.600 kg (BW 151 AC-5), 4.600 kg (BW 161 AC-5)
- Wheel load CECE: 900 kg (BW 151 AC-5), 1.150 kg (BW 161 AC-5)
- Gross weight: 8.500 kg (BW 151 AC-5), 11.200 kg (BW 161 AC-5)

#### Dimensions
- Track radius, inner: 4.390 mm (BW 151 AC-5), 4.900 mm (BW 161 AC-5)
- Length (without towing hitch): 4.400 mm (BW 151 AC-5), 4.840 mm (BW 161 AC-5)

#### Driving Characteristics
- Max. travel speed: 0-12.0 km/h (BW 151 AC-5), 0-12.0 km/h (BW 161 AC-5)
- Max. gradeability without/with vibr.: 40/30 %, 35/30 %

#### Drive
- Engine manufacturer: Kubota (BW 151 AC-5), Deutz (BW 161 AC-5)
- Type: V3307 CR-T (BW 151 AC-5), TCD 3.6 L4 (BW 161 AC-5)
- Emission stage: StageV / TIER4f (BW 151 AC-5), Stage IV / TIER4f (BW 161 AC-5)
- Exhaust gas aftertreatment: DOC+DPF (BW 151 AC-5), DOC+SCR (BW 161 AC-5)
- Cooling: Liquid (BW 151 AC-5), Liquid (BW 161 AC-5)
- Number of cylinders: 4 (BW 151 AC-5), 4 (BW 161 AC-5)
- Performance ISO 14396: 55,4 kW (BW 151 AC-5), 95,0 kW (BW 161 AC-5)
- Performance SAE J 1995: 74,3 hp (BW 151 AC-5), 127,0 hp (BW 161 AC-5)
- Speed: 2.400 min⁻¹ (BW 151 AC-5), 2.300 min⁻¹ (BW 161 AC-5)

#### Brakes
- Service brake: hydrost. (BW 151 AC-5), multi disc (BW 161 AC-5)
- Parking brake: multi disc (BW 151 AC-5), multi disc (BW 161 AC-5)

#### Steering
- Steering system: oscil.artic. (BW 151 AC-5), oscil.artic. (BW 161 AC-5)

#### Exciter system
- Autom. vibr. shut off: standard (BW 151 AC-5), standard (BW 161 AC-5)
- Frequency: 45/55 Hz (BW 151 AC-5), 40/53 Hz (BW 161 AC-5)
- Amplitude: 0,68/0,27 mm (BW 151 AC-5), 0,87/0,44 mm (BW 161 AC-5)
- Centrifugal force: 69/41 kN (BW 151 AC-5), 95/90 kN (BW 161 AC-5)
- Centrifugal force: 7,0/4,2 t (BW 151 AC-5), 9,7/9,2 t (BW 161 AC-5)

#### Capacities
- Fuel: 125,0 l (BW 151 AC-5), 145,0 l (BW 161 AC-5)
- Water: 600,0 l (BW 151 AC-5), 750,0 l (BW 161 AC-5)

---

Technical modifications reserved. Machines may be shown with options.
COMBINATION ROLLERS
BW 154 ACP-4V, BW 174 ACP-4F

Fields of application:
Compaction of asphalt layers, wear courses and frost blanket layers in new constructions and maintenance work on medium to large scale construction projects. Due to the excellent sealing of the surface and the kneading effect of the rubber tires particularly suitable for parking lots, roads and asphalt materials sensitive to scuffing.

Dimensions in mm

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>H1</th>
<th>K</th>
<th>L</th>
<th>O</th>
<th>S</th>
<th>W</th>
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</thead>
<tbody>
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<td>1665</td>
<td>735</td>
<td>1100</td>
<td>2955</td>
<td>240</td>
<td>3990</td>
<td>83</td>
<td>16</td>
<td>1500</td>
</tr>
<tr>
<td>BW 174 ACP-4F</td>
<td>3200</td>
<td>1826</td>
<td>660</td>
<td>1220</td>
<td>3000</td>
<td>288</td>
<td>4420</td>
<td>73</td>
<td>19</td>
<td>1680</td>
</tr>
</tbody>
</table>

Standard Equipment
- ECOMODE
- Plastic water tank under the operator's platform
- Water-saving pressure sprinklers
- Pressure sprinkler system Emulsion
- 2 amplitudes / 2 frequencies
- Autom. vibration operation
- 2 spring-loaded hinged scrapers
- Indicator and hazard lights
- ROPS cabin with seat belts + heating
- 2 Outside mirrors
- Steering method/Operator's seat sliding / rotatable (270grad)
- Steering with comfort control - 5 Steering modes
- Emergency STOP
- Back-up alarm
- Split drum
- Brake release device

Optional Equipment
- ECONOMIZER
- Edge cutter
- Pointer
- Rotary beacon
- Special paint
- Environmentally compliant hydraulic oil
- Tool kit
- Thermal aprons
- Radio/Radio preparation
- Lighting for drum edge
- Asphalt temperature display
- Precision spreader
- Precision spreader laterally slidable
- Air condition
- Backup warning buzzer with broadband technology
- BCM 05 + GPS Documentation system
- Additional outside mirrors
- By-pass filter
- BOMAG TELEMATIC
- Rearview camera
- BOMAG ECOSTOP
- Super comfort seat with air suspension
### TECHNICAL DATA

**Weights**
- Operating weight CECE w. ROPS-cabin ........... kg
- Static linear load CECE ............................... kg/cm
- Axle load, drum CECE ................................. kg
- Axle load, wheels CECE ............................... kg
- Wheel load CECE ......................................... kg
- Grossweight ................................................ kg

**Dimensions**
- Track radius, inner ...................................... mm

**Driving Characteristics**
- Speed (1) ..................................................... km/h

**Drive**
- Engine manufacturer .................................
- Type ...........................................................
- Emission stage ...............................................
- Exhaust gas aftertreatment ............................
- Cooling .......................................................  
- Number of cylinders ........................................ kW
- Performance ISO 14396 ................................. hp
- Speed ......................................................... min⁻¹

**Drums and Tyres**
- Drum width ................................................ mm
- Number of tyres ..........................................  
- Split drum ...................................................

**Brakes**
- Service brake ..............................................  
- Parking brake .............................................

**Steering**
- Steering system .........................................  
- Lateral displacement right/left ..................... mm

**Exciter system**
- Construction ..............................................  
- Autom. vibr. shut off ....................................
- Frequency .................................................. Hz
- Amplitude .................................................. mm
- Centrifugal force ........................................ kN

**Capacities**
- Fuel .......................................................... l
- Water .......................................................... l
- Emulsion ..................................................... l

---

**BOMAG BW 154 ACP-4V**

- 7.200
- 23.7
- 3.650
- 913
- 8.900
- 2.950
- 0-10.0
- Kubota
- V3307 CR-T
- Stage V / Tier 4f
- DOC+DPF
- Liquid
- 4
- 55.4
- 74.2
- 2.400
- 2-p. pivoted
- 1.500
- 4
- front
- hydrost.

**BOMAG BW 174 ACP-4F**

- 8.800
- 28.0
- 4.700
- 1.025
- 10.400
- 2.946
- 0-10.5
- Deutz
- TCD 3.6 L4
- Stage IV / Tier 4f
- DPF+SCR
- Liquid
- 4
- 74.4
- 99.6
- 2.000
- 2-p. pivoted
- 1.680
- 4
- front
- hydrost.

---

Technical modifications reserved. Machines may be shown with options.
ASPHALT MANAGER – COMBINATION ROLLERS
BW 154 ACP-4V AM, BW 174 ACP-4F AM

Fields of application:
ASPHALT MANAGER (AM 2) is an intelligent compaction system which automatically regulates amplitude. The AM 2 system is the enhanced successor to ASPHALT MANAGER with EVIB display (MN/m²). Real-time compaction progress is displayed visually. The EVIB value is the measuring and control base-line.

<table>
<thead>
<tr>
<th>Dimension in mm</th>
<th>BW 154 ACP-4V AM</th>
<th>BW 174 ACP-4F AM</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>2890</td>
<td>3200</td>
</tr>
<tr>
<td>B</td>
<td>1665</td>
<td>1826</td>
</tr>
<tr>
<td>C</td>
<td>735</td>
<td>660</td>
</tr>
<tr>
<td>D</td>
<td>1100</td>
<td>1220</td>
</tr>
<tr>
<td>H1</td>
<td>2955</td>
<td>3000</td>
</tr>
<tr>
<td>K</td>
<td>240</td>
<td>288</td>
</tr>
<tr>
<td>L</td>
<td>3990</td>
<td>4420</td>
</tr>
<tr>
<td>O</td>
<td>83</td>
<td>73</td>
</tr>
<tr>
<td>S</td>
<td>16</td>
<td>19</td>
</tr>
<tr>
<td>W</td>
<td>1500</td>
<td>1680</td>
</tr>
</tbody>
</table>

Standard Equipment
- ECOMODE
- ASPHALT MANAGER 2
- Oscillation mode
- Highly wear resistant AM drum
- Plastic water tank
  under the operator’s platform
- Water-saving pressure sprinklers
- Pressure sprinkler system Emulsion
- Autom. vibration operation
- 2 spring-loaded hinged scrapers
- Indicator and hazard lights
- ROPS cabin with seat belts
  + heating
- 2 Outside mirrors
- Steering method/Operator’s seat sliding / rotatable
  (270grad)
- Steering with comfort control
  - 5 Steering modes
- Emergency STOP
- Back-up alarm
- Integrated display (BOP)
- Split drum
- Brake release device

Optional Equipment
- Edge cutter
- Pointer
- Rotary beacon
- Special paint
- Environmentally compliant hydraulic oil
- Tool kit
- Thermal aprons
- Printer for ASPHALT MANAGER
- Radio/Radio preparation
- MICHELIN-Tyres
- Lighting for drum edge
- Precision spreader
- Precision spreader laterally slidable
- Air condition
- Backup warning buzzer with broadband technology
- Working and maintenance light
- Additional outside mirrors
- By-pass filter
- BCM 05 + GPS Documentation system
- BOMAG TELEMATIC
- BOMAG ECOSTOP
- AM operating control, rear
- Rearview camera
- Super comfort seat with air suspension
## TECHNICAL DATA

### Weights
- Operating weight CECE w. ROPS-cabin: 7.200 kg
- Static linear load CECE: 23.7 kg/cm
- Axle load, drum CECE: 3.550 kg
- Axle load, wheels CECE: 3.650 kg
- Wheel load CECE: 913 kg
- Grossweight: 8.900 kg

### Dimensions
- Track radius, inner: 2.950 mm

### Driving Characteristics
- Speed (1): 0- 10.0 km/h

### Drive
- Engine manufacturer: Kubota
- Type: V3307 CR-T
- Emission stage: StageV / TIER4f
- Exhaust gas aftertreatment: DOC+DPF
- Cooling: Liquid
- Number of cylinders: 4
- Performance ISO 14396: 55.4 kW
- Performance SAE J 1995: 74.2 hp
- Speed: 2.400 min⁻¹

### Drums and Tyres
- Drum width: 1.500 mm
- Number of tyres: 4
- Split drum: front

### Brakes
- Service brake: hydrost.
- Parking brake: mech.

### Steering
- Steering system: 2-p. pivoted
- Lateral displacement right/left: 1.130 mm

### Exciter system
- Construction: Directed exciter
- Autom. vibr. shut off: standard
- Frequency: 45 Hz
- Amplitude: 0.80 mm
- Centrifugal force: 119 kN

### Capacities
- Fuel: 155.0 l
- Water: 550.0 l
- Emulsion: 32.0 l

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Technical modifications reserved. Machines may be shown with options.
COMBINATION ROLLERS
BW 151 AC-50, BW 161 AC-50

Fields of application:
Compaction of asphalt layers, wear courses and frost blanket layers in new constructions and maintenance work on medium to large scale construction projects. Due to the excellent sealing of the surface and the kneading effect of the rubber tires particularly suitable for parking lots, roads and asphalt materials sensitive to scuffing.

Dimensions in mm

<table>
<thead>
<tr>
<th></th>
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<th>K</th>
<th>L</th>
<th>O</th>
<th>S</th>
<th>W</th>
</tr>
</thead>
<tbody>
<tr>
<td>BW 151 AC - 50</td>
<td>3300</td>
<td>1844</td>
<td>730</td>
<td>1100</td>
<td>2200</td>
<td>3000</td>
<td>250</td>
<td>4400</td>
<td>82</td>
<td>16</td>
<td>1680</td>
</tr>
<tr>
<td>BW 161 AC - 50</td>
<td>3620</td>
<td>1836</td>
<td>670</td>
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<td>2315</td>
<td>3050</td>
<td>250</td>
<td>4840</td>
<td>78</td>
<td>17</td>
<td>1680</td>
</tr>
</tbody>
</table>

Standard Equipment
- 2 amplitudes / 2 frequencies
- Autom. vibration operation
- Driver’s seat, slewable (-15/+75°) laterally slideable with steering wheel
- V-belt protection
- Pressure sprinkling system with 3 pumps (Water/Emulsion)
- Back-up alarm
- Battery disconnect switch
- Emergency stop button
- Folding scrapers

Optional Equipment
- ROPS cabin with seat belts
  + heating, Ventilation
  + 4 Working head lights
- ROPS cabin with air conditioning
- BCM-Documentation system
- Rotary beacon
- 2 LED-lights for cabin roof (flatbeam)
- Edge cutter
- ROPS/FOPS with safety belt
- Asphalt temperature display
- Frequency 70Hz
- Thermal aprons
- BOMAG TELEMATIC START
- Crab-walk to both sides (170mm)
- ECONOMIZER
- Edge cutter
### TECHNICAL DATA

<table>
<thead>
<tr>
<th></th>
<th>BOMAG BW 151 AC - 50</th>
<th>BOMAG BW 161 AC - 50</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Weights</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Operating weight CECE w. ROPS-cabin</td>
<td>7.500 kg</td>
<td>9.700 kg</td>
</tr>
<tr>
<td>Static linear load CECE</td>
<td>23.2 kg/cm</td>
<td>30.4 kg/cm</td>
</tr>
<tr>
<td>Axle load, drum CECE</td>
<td>3.900 kg</td>
<td>5.100 kg</td>
</tr>
<tr>
<td>Axle load, wheels CECE</td>
<td>3.800 kg</td>
<td>4.600 kg</td>
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<td>Wheel load CECE</td>
<td>900 kg</td>
<td>1.150 kg</td>
</tr>
<tr>
<td>Grossweight</td>
<td>8.500 kg</td>
<td>11.200 kg</td>
</tr>
<tr>
<td><strong>Dimensions</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Track radius, inner</td>
<td>4.390 mm</td>
<td>4.900 mm</td>
</tr>
<tr>
<td>Length (without towing hitch)</td>
<td>4.400 mm</td>
<td>4.840 mm</td>
</tr>
<tr>
<td><strong>Driving Characteristics</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Max. travel speed</td>
<td>0-11,0 km/h</td>
<td>0-12,0 km/h</td>
</tr>
<tr>
<td>Max. gradeability without with vibrations</td>
<td>40/30 %</td>
<td>35/30 %</td>
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<tr>
<td><strong>Drive</strong></td>
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<tr>
<td>Engine manufacturer</td>
<td>Kubota V 3307 DI-T</td>
<td>Deutz BF4M 2012 C</td>
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<tr>
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<tr>
<td>Number of cylinders</td>
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<tr>
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<td>103.0 kW</td>
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<tr>
<td>Performance SAE J 1995</td>
<td>74.3 hp</td>
<td>138.0 hp</td>
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<tr>
<td>Speed</td>
<td>2.200 min-1</td>
<td>2.500 min-1</td>
</tr>
<tr>
<td><strong>Drums and Tyres</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Drum width</td>
<td>1.680 mm</td>
<td>1.680 mm</td>
</tr>
<tr>
<td>Number of tyres</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Tyre size</td>
<td>11,00-20 18PR</td>
<td>11,00-20 18PR</td>
</tr>
<tr>
<td><strong>Brakes</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Service brake</td>
<td>hydrost.</td>
<td>hydrost.</td>
</tr>
<tr>
<td>Parking brake</td>
<td>multi disc</td>
<td>multi disc</td>
</tr>
<tr>
<td><strong>Steering</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Steering system</td>
<td>oscil.artic.</td>
<td>oscil.artic.</td>
</tr>
<tr>
<td><strong>Exciter system</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vibrating drum</td>
<td>front</td>
<td>front</td>
</tr>
<tr>
<td>Autom. vibr. shut off</td>
<td>standard</td>
<td>standard</td>
</tr>
<tr>
<td>Frequency</td>
<td>45/55 Hz</td>
<td>40/55 Hz</td>
</tr>
<tr>
<td>Amplitude</td>
<td>0.68/0.27 mm</td>
<td>0.87/0.44 mm</td>
</tr>
<tr>
<td>Centrifugal force</td>
<td>75/45 kN</td>
<td>95/90 kN</td>
</tr>
<tr>
<td><strong>Capacities</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fuel</td>
<td>125.0 l</td>
<td>145.0 l</td>
</tr>
<tr>
<td>Water</td>
<td>600.0 l</td>
<td>750.0 l</td>
</tr>
</tbody>
</table>

Technical modifications reserved. Machines may be shown with options.
Fields of application:
Compaction of asphalt wear courses, asphalt binder courses and asphalt surface layers as well as compaction of natural soils and materials stabilized with lime or cement. Due to their excellent kneading effect pneumatic tired rollers achieve an excellent sealing of the surface. The modern hydrostatic drive concept allows for an especially sensitive drive control of the roller in three speed levels.
## TECHNICAL DATA

<table>
<thead>
<tr>
<th>Weight</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating weight w. ROPS CECE</td>
<td>kg</td>
</tr>
<tr>
<td>Operating weight CECE w. ROPS-cabin</td>
<td>kg</td>
</tr>
<tr>
<td>Grossweight</td>
<td>kg</td>
</tr>
<tr>
<td>Max. middle wheel load CECE</td>
<td>kg</td>
</tr>
</tbody>
</table>

## Dimensions

<table>
<thead>
<tr>
<th>Measurement</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Track radius, inner</td>
<td>mm</td>
</tr>
</tbody>
</table>

## Driving Characteristics

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Speed (1)</td>
<td>km/h</td>
</tr>
<tr>
<td>Speed (2)</td>
<td>km/h</td>
</tr>
<tr>
<td>Speed (3)</td>
<td>km/h</td>
</tr>
<tr>
<td>Max. gradeability (dep. on soil con.)</td>
<td>%</td>
</tr>
</tbody>
</table>

## Drive

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engine manufacturer</td>
<td></td>
</tr>
<tr>
<td>Type</td>
<td></td>
</tr>
<tr>
<td>Emission stage</td>
<td></td>
</tr>
<tr>
<td>Cooling</td>
<td></td>
</tr>
<tr>
<td>Number of cylinders</td>
<td></td>
</tr>
<tr>
<td>Performance ISO 14396</td>
<td>kW</td>
</tr>
<tr>
<td>Performance SAE J 1995</td>
<td>hp</td>
</tr>
<tr>
<td>Electric equipment</td>
<td>V</td>
</tr>
<tr>
<td>Drive system</td>
<td></td>
</tr>
<tr>
<td>Driven axles</td>
<td></td>
</tr>
</tbody>
</table>

## Tyres

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tyre size</td>
<td></td>
</tr>
<tr>
<td>Wheel track overlap</td>
<td>mm</td>
</tr>
<tr>
<td>Number of tyres, front / rear</td>
<td></td>
</tr>
</tbody>
</table>

## Steering

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Steering system</td>
<td></td>
</tr>
<tr>
<td>Steering method</td>
<td></td>
</tr>
<tr>
<td>Steering angle +/-</td>
<td>grad</td>
</tr>
<tr>
<td>Oscillating angle +/-</td>
<td>grad</td>
</tr>
<tr>
<td>Oscillation of tyres, front</td>
<td>grad</td>
</tr>
</tbody>
</table>

## Capacities

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fuel</td>
<td>l</td>
</tr>
<tr>
<td>Water</td>
<td>l</td>
</tr>
</tbody>
</table>

## BOMAG

<table>
<thead>
<tr>
<th>BW 11 RH-5</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fuel</td>
<td>5.200</td>
</tr>
<tr>
<td>Water</td>
<td>5.400</td>
</tr>
<tr>
<td>Operating weight CECE</td>
<td>11,000</td>
</tr>
<tr>
<td>Grossweight</td>
<td>1.222</td>
</tr>
<tr>
<td>Water</td>
<td>3.100</td>
</tr>
<tr>
<td>Operating weight w. ROPS CECE</td>
<td>12.0</td>
</tr>
<tr>
<td>Grossweight</td>
<td>16.0</td>
</tr>
<tr>
<td>Water</td>
<td>20.0</td>
</tr>
<tr>
<td>Water</td>
<td>20</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Engine manufacturer</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Kubota V 3307 Di-T</td>
<td></td>
</tr>
<tr>
<td>Stage IIIa / TIER3</td>
<td>Liquid</td>
</tr>
<tr>
<td></td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>55.4</td>
</tr>
<tr>
<td></td>
<td>74.0</td>
</tr>
<tr>
<td></td>
<td>12</td>
</tr>
<tr>
<td></td>
<td>hydrost.</td>
</tr>
<tr>
<td></td>
<td>rear</td>
</tr>
<tr>
<td>Tyre size</td>
<td>7.50x15 14PL</td>
</tr>
<tr>
<td>Wheel track overlap</td>
<td>&gt; 20.0</td>
</tr>
<tr>
<td>Number of tyres, front / rear</td>
<td>5/4</td>
</tr>
<tr>
<td>Steering method</td>
<td>oscil.artic.</td>
</tr>
<tr>
<td>Oscillation of tyres, front</td>
<td>35</td>
</tr>
<tr>
<td>Oscillation of tyres, front</td>
<td>10</td>
</tr>
<tr>
<td>Oscillation of tyres, front</td>
<td>5</td>
</tr>
</tbody>
</table>

Technical modifications reserved. Machines may be shown with options.
PNEUMATIC TYRED ROLLER
BW 11 RH-5 - Tier 4 final

Fields of application:
Compaction of asphalt wear courses, asphalt binder courses and asphalt surface layers as well as compaction of natural soils and kneading effect pneumatic tired rollers achieve an excellent sealing of the surface. The modern hydrostatic drive concept allows for an especially sensitive drive control of the roller in three speed levels.

Standard Equipment
- Operator’s platform with:
  + Steering wheel
  + Travel lever
  + Operator seat
- Control panel for
  - Engine oil pressure
  - Engine temperature
  - Air filter vacuum
  - Hydraulic oil filter
  - Coolant level
  - Fuel tank capacity
- Hour meter
- Warning horn
- Lockable anti vandal dashboard protection
- Back-up alarm

Optional Equipment
- * ROPS/FOPS with safety belt
- * ROPS-cabin with heating
- * ROPS cabin with air conditioning
- Radio
- Swivel seat (+40°/-10°)
- Indicator and hazard lights
- Rotary beacon
- Additional lighting for cabin
- Pointer
- Pressure sprinkler system/Scrapers
- Spraying system for scraper, coco fibre
- Spraying system for scraper, brush
- Central tyre inflating system
- Thermal aprons
- Brake release device
- Backup warning buzzer with broadband technology
- Special painting
- Additional weight
  - 7t Grossweight
  - 9t Grossweight
  - 11t Grossweight

TELEMATIC
* Standard delivery with CE conformity (valid within European Union)

Dimensions in mm

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>H</th>
<th>H2</th>
<th>K</th>
<th>L</th>
<th>W</th>
</tr>
</thead>
<tbody>
<tr>
<td>2500</td>
<td>1920</td>
<td>2085</td>
<td>2870</td>
<td>380</td>
<td>4430</td>
<td>1727</td>
</tr>
</tbody>
</table>
### TECHNICAL DATA

#### Weights
- Operating weight w. ROPS CECE: 5.200 kg
- Operating weight CECE w. ROPS-cabin: 5.400 kg
- Grossweight: 11.000 kg
- Max. middle wheel load CECE: 1.222 kg

#### Dimensions
- Track radius, inner: 3.100 mm

#### Driving Characteristics
- Speed (1): 12.0 km/h
- Speed (2): 16.0 km/h
- Speed (3): 20.0 km/h
- Max. gradeability (dep. on soil con.): 20%

#### Drive
- Engine manufacturer: Kubota
- Type: V3307 CR-T
- Exhaust gas aftertreatment: StageV / TiER4f
- Emission stage: DPF
- Fuel capacity: Liquid
- Rear

#### Tyres
- Tyre size: 7.50x15 14PL
- Wheel track overlap: > 20,0 mm
- Number of tyres, front / rear: 5/4

#### Steering
- Steering system: oscill.artic.
- Steering method: hydrost.
- Steering angle +/-: 35 grad
- Oscillating angle +/-: 10 grad
- Oscillation of tyres, front: 5 grad

#### Capacities
- Fuel: 200,0 l
- Water: 530,0 l

---

*Technical modifications reserved. Machines may be shown with options.*
PNEUMATIC TYRED ROLLERS
BW 24 RH, BW 27 RH

Fields of application:
Compaction of asphalt wear courses, asphalt binder courses and asphalt surface layers as well as compaction of natural soils and materials stabilized with lime or cement. Due to their excellent kneading effect pneumatic tired rollers achieve an excellent sealing of the surface. The modern hydrostatic drive concept allows for an especially sensitive drive control of the roller in three speed levels.

Dimensions in mm

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>H</th>
<th>H2</th>
<th>K</th>
<th>L</th>
<th>W</th>
</tr>
</thead>
<tbody>
<tr>
<td>BW 24 RH</td>
<td>3700</td>
<td>2098</td>
<td>2840</td>
<td>3090</td>
<td>300</td>
<td>4940</td>
<td>2042</td>
</tr>
<tr>
<td>BW 27 RH</td>
<td>3700</td>
<td>2098</td>
<td>2840</td>
<td>3090</td>
<td>300</td>
<td>4940</td>
<td>2042</td>
</tr>
</tbody>
</table>

Standard Equipment
- Operator’s platform with:
  - two steering wheels
  - Laterally sliding seat
- Control panel for:
  - Hour meter
  - Engine oil pressure
  - Engine temperature
  - Air filter vacuum
  - Charge control
  - Hydraulic oil filter
  - Coolant Level
- Lockable anti vandal dashboard protection
- Central tyre inflating system
- 2 Outside mirrors
- Indicator and hazard lights
- Back-up alarm
- Scraper per wheel
- Pressure sprinkler system
- Warning horn

Optional Equipment
- * ROPS/FOPS with safety belt
- * ROPS-cabin with heating
- * ROPS cabin with air conditioning
- Railing
- Sun roof
- Special painting
- Working lights
- Rotary beacon
- Lamp guard
- Rearview camera
- Speedometer
- Radio Bluetooth
- BOMAG TELEOMATIC
- Fire extinguisher
- Thermal aprons
- Cold start device
- Edge cutter
- Scraper coco mat, spring loaded and tiltable
- Scraper brush, spring loaded and tiltable
- Environmentally compliant hydraulic oil
- Additional weight
  - Steel 4.800kg (BW24RH)
  - Granulate 5.000kg (BW24RH)
  - Granulate 13.100kg (BW27RH)
  - Granulate 13.100kg (BW27RH)
- Waterproof frame
- Wheels DUNLOP 11.00-R20
- Wheels MICHELIN 13/80R20
- Profiled tyres
- Tool kit
- * Standard delivery with CE conformity (valid within European Union)
## TECHNICAL DATA

### Weights
- Operating weight CECE w. ROPS-cabin: \( \text{kg} \)
- Grossweight: \( \text{kg} \)
- Max. middle wheel load CECE: \( \text{kg} \)

### Dimensions
- Track radius, inner: \( \text{mm} \)

### Driving Characteristics
- Speed (1): \( \text{km/h} \)
- Speed (2): \( \text{km/h} \)
- Speed (3): \( \text{km/h} \)
- Max. gradeability (dep. on soil con.): \( \% \)

### Drive
- Engine manufacturer
- Type
- Emission stage
- Cooling
- Number of cylinders
- Performance ISO 14396: \( \text{kW} \)
- Speed: \( \text{min}^{-1} \)
- Electric equipment
- Drive system
- Driven axles

### Tyres
- Tyre size
- Wheel track overlap: \( \text{mm} \)

### Brakes
- Service brake
- Parking brake

### Steering
- Steering system
- Steering method
- Steering angle +/-: \( \text{grad} \)
- Oscillation of tyres, front: \( \text{grad} \)
- Level adjustment: \( \text{mm} \)

### Sprinkler System
- Type of sprinkling
- Pressure

### Capacities
- Fuel: \( \text{l} \)
- Water: \( \text{l} \)
- Volume of ballast compartment: \( \text{m}^3 \)

### Technical Data BOMAG

<table>
<thead>
<tr>
<th>BOMAG BW 24 RH</th>
<th>BOMAG BW 27 RH</th>
</tr>
</thead>
<tbody>
<tr>
<td>8.800</td>
<td>13.600</td>
</tr>
<tr>
<td>24.000</td>
<td>27.000</td>
</tr>
<tr>
<td>3.000</td>
<td>8.800</td>
</tr>
<tr>
<td>5.320</td>
<td>5.320</td>
</tr>
<tr>
<td>3.520</td>
<td>3.520</td>
</tr>
<tr>
<td>0-7.0</td>
<td>0- 7.0</td>
</tr>
<tr>
<td>0- 10.5</td>
<td>0- 10.5</td>
</tr>
<tr>
<td>0- 20.0</td>
<td>0- 20.0</td>
</tr>
<tr>
<td>12</td>
<td>12</td>
</tr>
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<td>4</td>
<td>4</td>
</tr>
<tr>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>11,00-20 18PR</td>
<td>11,00-20 18PR</td>
</tr>
<tr>
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<td>42.0</td>
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<tr>
<td>pneum./hydr.</td>
<td>pneum./hydr.</td>
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<tr>
<td>multi disc</td>
<td>multi disc</td>
</tr>
<tr>
<td>2-p. pivoted</td>
<td>2-p. pivoted</td>
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<tr>
<td>hydrost.</td>
<td>hydrost.</td>
</tr>
<tr>
<td>12</td>
<td>12</td>
</tr>
<tr>
<td>30</td>
<td>30</td>
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<td>4</td>
<td>4</td>
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<td>100</td>
<td>100</td>
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<tr>
<td>pressure</td>
<td>pressure</td>
</tr>
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<td>250.0</td>
<td>250.0</td>
</tr>
<tr>
<td>400.0</td>
<td>400.0</td>
</tr>
<tr>
<td>3.5</td>
<td>3.5</td>
</tr>
</tbody>
</table>

Technical modifications reserved. Machines may be shown with options.
**PNEUMATIC TYRED ROLLER**

**BW 28 RH**

**Fields of application:**
Compaction of asphalt wear courses, asphalt binder courses and asphalt surface layers as well as compaction of natural soils and materials stabilized with lime or cement. Due to their excellent kneading effect pneumatic tired rollers achieve an excellent sealing of the surface. The modern hydrostatic drive concept allows for an especially sensitive drive control of the roller in three speed levels.

**Dimensions in mm**

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>H</th>
<th>H2</th>
<th>K</th>
<th>L</th>
<th>W</th>
</tr>
</thead>
<tbody>
<tr>
<td>BW 28 RH</td>
<td>3875</td>
<td>2070</td>
<td>2287</td>
<td>2995</td>
<td>280</td>
<td>4945</td>
<td>2042</td>
</tr>
</tbody>
</table>

**Standard Equipment**
- Operator’s platform with:
  - Steering wheel
  - Travel lever with multi-functional arm rest
  - Rotable and laterally sliding seat (-70°/+15°)
- Control panel for:
  - Speedometer
  - Engine oil pressure
  - Engine temperature
  - Air filter vacuum
  - Charge control
  - Hydraulic oil filter
  - Coolant Level
  - Fuel tank capacity
  - Sprinkler system - tank capacity
  - Hour meter
- Warning horn
- 2 Outside mirrors
- Indicator and hazard lights
- Working lights
- BOMAG ECOMODE
- Spraying system and scraper
- Back-up alarm
- Cold start device
- Service diagnostics tool

**Optional Equipment**
- * ROPS/FOPS with safety belt
- * ROPS-cabin with heating
- * ROPS cabin with air conditioning
- Temperature display
- Fire extinguisher
- Rearview camera
- Rotary beacon
- Additional lighting for cabin
- Radio Bluetooth
- Additive spraying system
- Central tyre inflating system
- Scraper coco mat, spring loaded and tiltable
- Scraper brush, spring loaded and tiltable
- Thermal aprons
- Profiled tyres
- Wheels MICHELIN 13/80R20
- Wheels DUNLOP 11,00-R20
- Waterproof frame
- Additional weight
  - Max. ballast 10t
  - Max. ballast 10t Flex
  - Max. ballast 12t
  - Max. ballast 12t Flex
  - Max. ballast 16t
  - Max. ballast 16t Flex
  - Max. ballast 18t
  - Max. ballast 20t
  - Max. ballast 24t
  - Max. ballast 28t
- Special painting
- Broadband buzzer
- BOMAG TELEMATIC
- Tool kit

* Standard delivery with CE conformity (valid within European Union)
## TECHNICAL DATA

### Weights
- Operating weight CECE w. ROPS-cabin: \( 8,600 \) kg
- Grossweight: \( 28,000 \) kg
- Max. middle wheel load CECE: \( 3,500 \) kg

### Dimensions
<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Track radius, inner</td>
<td>( 5,700 ) mm</td>
</tr>
</tbody>
</table>

### Driving Characteristics
- Speed (1): \( 0-19,0 \) km/h
- Max. gradeability (dep. on soil con.): \( 27 \) %

### Drive
- Engine manufacturer: Deutz
- Type: TCD 3.6 L4
- Emission stage: Stage IV / TIER4f
- Exhaust gas aftertreatment: DPF+SCR
- Cooling: Liquid
- Number of cylinders: 4
- Performance ISO 14396: \( 100,0 \) kW
- Performance SAE J 1995: \( 134,0 \) hp
- Speed: \( 2,000 \) min-1
- Electric equipment: 12
- Drive system: hydrost.
- Driven axles: rear

### Tyres
- Tyre size: \( 11,00-20 \) 18PR
- Wheel track overlap: \( 32,0 \) mm

### Brakes
- Service brake: hydrost.
- Parking brake: multi disc

### Steering
- Steering system: 2-p. pivoted
- Steering method: hydrost.
- Steering angle +/-: \( 30 \) grad
- Oscillation of tyres, front: \( 4 \) grad
- Level adjustment: \( 100 \) mm

### sprinkler System
- Type of sprinkling: pressure

### Capacities
<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fuel</td>
<td>( 200,0 ) l</td>
</tr>
<tr>
<td>Water</td>
<td>( 340,0 ) l</td>
</tr>
<tr>
<td>Volume of ballast compartment</td>
<td>( 3,0 ) m³</td>
</tr>
</tbody>
</table>
**PNEUMATIC TYRED ROLLER**

**BW 28 RH**

**Fields of application:**
Compaction of asphalt wear courses, asphalt binder courses and asphalt surface layers as well as compaction of natural soils and materials stabilized with lime or cement. Due to their excellent kneading effect pneumatic tired rollers achieve an excellent sealing of the surface. The modern hydrostatic drive concept allows for an especially sensitive drive control of the roller in three speed levels.

<table>
<thead>
<tr>
<th>Dimensions in mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>BW 28 RH</td>
</tr>
<tr>
<td>A</td>
</tr>
<tr>
<td>B</td>
</tr>
<tr>
<td>H</td>
</tr>
<tr>
<td>H2</td>
</tr>
<tr>
<td>K</td>
</tr>
<tr>
<td>L</td>
</tr>
<tr>
<td>W</td>
</tr>
</tbody>
</table>

**Standard Equipment**
- Operator’s platform with:
  - Steering wheel
  - Travel lever with multi-functional arm rest
  - Rotable and laterally sliding seat (~70°/+15°)
- Control panel for
  - Speedometer
  - Engine oil pressure
  - Engine temperature
  - Air filter vacuum
  - Charge control
  - Hydraulic oil filter
  - Coolant Level
  - fuel tank capacity
  - Sprinkler system - tank capacity
  - Hour meter
- Warning horn
- Back-up alarm
- BOMAG ECOMODE
- Cold start device
- Service diagnostics tool

**Optional Equipment**
- * ROPS/FOPS with safety belt
- * ROPS-cabin with heating
- * ROPS cabin with air conditioning
- Temperature display
- Fire extinguisher
- Rearview camera
- Working lights
- 2 Outside mirrors
- Indicator and hazard lights
- Rotary beacon
- Additional lighting for cabin
- Radio Bluetooth
- Additive spraying system
- Central tyre inflating system
- Scraper brush, spring loaded and tiltable
- Scraper coco mat, spring loaded and tiltable
- Spraying system and scraper
- Thermal aprons
- Profiled tyres
- Wheels MICHELIN 13/80R20
- Wheels DUNLOP 11,00-R20 Waterproof frame
- Additional weight
  - Max. ballast 10t
  - Max. ballast 10t Flex
  - Max. ballast 12t
  - Max. ballast 12t Flex
  - Max. ballast 16t
  - Max. ballast 16t Flex
  - Max. ballast 18t
  - Max. ballast 20t
  - Max. ballast 24t
  - Max. ballast 28t
- Special painting
- Broadband buzzer
- BOMAG TELEMATIC

* Standard delivery with CE conformity (valid within European Union)
**TECHNICAL DATA**

### Weights
- Operating weight CECE w. ROPS-cabin: kg
- Grossweight: kg
- Max. middle wheel load CECE: kg

### Dimensions
- Track radius, inner: mm

### Driving Characteristics
- Speed (1): km/h
- Max. gradeability (dep. on soil con.): %

### Drive
- Engine manufacturer
- Type
- Emission stage
- Number of cylinders
- Performance ISO 14396: kW
- Performance SAE J 1995: hp
- Speed: min⁻¹
- Electric equipment: V
- Drive system
- Driven axles

### Tyres
- Tyre size
- Wheel track overlap: mm

### Brakes
- Service brake
- Parking brake

### Steering
- Steering system
- Steering method
- Steering angle +/-: grad
- Oscillation of tyres, front: grad
- Level adjustment: mm

### Sprinkler System
- Type of sprinkling

### Capacities
- Fuel: l
- Water: l
- Volume of ballast compartment: m³

---

Technical modifications reserved. Machines may be shown with options.

---

**BOMAG BW 28 RH**

- 8.600
- 28.000
- 3.500
- 5.700
- 0-19,0
- 27
- Deutz
- TCD 2012 L04 2V
- Stage IIIa / TIER3
- Liquid
- 4
- 92,0
- 123,0
- 2.100
- 12
- hydrost.
- rear

- 11,00-20 18PR
- 32,0
- hydrost.
- multi disc

- 2-p. pivoted
- hydrost.

- 30
- 4
- 100
- pressure

- 200,0
- 340,0
- 3,0
**Fields of application:**
The BF 223 C is a mini finisher with an operating weight of about 5 t and an exceptionally compact design. This model is effective and economical when used in the construction and maintenance of bicycle lanes, footpaths, and landscaping projects plus a wide range of small-scale construction and repair on general road construction works.

**Standard equipment**
- Individual control of hopper wings
- Adjustable truck bumper rollers
- Reversible scraper belt, electromechanically controlled
- 2 reversible augers, electromechanically controlled
- Mechanical auger height adjustment
- Mechanical walk board adjustment
- Vibration setting infinite (960-3600 rpm)
- Crawler track with PLC travel, control and braking system
- 1 working speed range, 1 fast travel speed range
- 200 mm floor plates with rubber pads, individually screwed
- Diesel engine, 4 cylinder, 36.3 kW
- Electrically heated HF hydraulic screed with 1.4 - 2.6 m placing width
- Fully automated screed heating (electric heating)
- Hinged and telescopic food walk
- Reduction pads 500 mm

**Optional equipment**
- Screed extensions BF 223 C electric screed: 3300 mm, 4000 mm
- Hydraulic auger height adjustment.
- Cleaning system with hose reel, pump and tank
- Levelling systems: Height and lateral sensing with ultrasonic or mechanical sensors

**Measurements in mm**

<table>
<thead>
<tr>
<th>Letter</th>
<th>BF 223 C</th>
</tr>
</thead>
<tbody>
<tr>
<td>B</td>
<td>1020-1100</td>
</tr>
<tr>
<td>C</td>
<td>1471</td>
</tr>
<tr>
<td>E</td>
<td>4365-4445</td>
</tr>
<tr>
<td>F</td>
<td>435</td>
</tr>
<tr>
<td>G</td>
<td>2905</td>
</tr>
<tr>
<td>H</td>
<td>1895</td>
</tr>
<tr>
<td>I</td>
<td>1320</td>
</tr>
<tr>
<td>Q</td>
<td>1080</td>
</tr>
<tr>
<td>R</td>
<td>2755</td>
</tr>
<tr>
<td>S</td>
<td>200</td>
</tr>
<tr>
<td>T</td>
<td>405</td>
</tr>
<tr>
<td>V</td>
<td>1429</td>
</tr>
<tr>
<td>Z</td>
<td>5100</td>
</tr>
<tr>
<td>Max. Production</td>
<td>t/hr</td>
</tr>
<tr>
<td>-----------------</td>
<td>------</td>
</tr>
<tr>
<td>Diesel engine</td>
<td>Type</td>
</tr>
<tr>
<td>Emission stage</td>
<td>Type</td>
</tr>
<tr>
<td>Output (ISO 3046/1)</td>
<td>kW (hp)</td>
</tr>
<tr>
<td>Number of cylinders</td>
<td></td>
</tr>
<tr>
<td>Motor cooling</td>
<td>mm</td>
</tr>
<tr>
<td>Crawler track</td>
<td>mm</td>
</tr>
<tr>
<td>Working speed</td>
<td>m/min</td>
</tr>
<tr>
<td>Drive speed</td>
<td>km/h</td>
</tr>
<tr>
<td>Hopper volume</td>
<td>m³</td>
</tr>
<tr>
<td>Scraper belt width</td>
<td>mm</td>
</tr>
<tr>
<td>Auger diameter</td>
<td>mm</td>
</tr>
<tr>
<td>Diesel tank capacity</td>
<td>l</td>
</tr>
<tr>
<td>Hydraulic tank volume</td>
<td>l</td>
</tr>
<tr>
<td>Screed type</td>
<td></td>
</tr>
<tr>
<td>Screed compaction</td>
<td></td>
</tr>
<tr>
<td>Screed heating</td>
<td></td>
</tr>
<tr>
<td>Width of the basic screed</td>
<td>m</td>
</tr>
<tr>
<td>Max. placing width</td>
<td>m</td>
</tr>
<tr>
<td>Weight of the basic screed</td>
<td>kg</td>
</tr>
<tr>
<td>Smoothing plate width/thickness</td>
<td>mm</td>
</tr>
<tr>
<td>Operating weight</td>
<td>kg</td>
</tr>
<tr>
<td>Straight crossfall</td>
<td>%</td>
</tr>
<tr>
<td>Max. effective amplitude</td>
<td>mm</td>
</tr>
</tbody>
</table>

Technical modifications reserved. Machines may be shown with options.
**Fields of application:**
The road paver BF 300, a machine which is suited for the inner-city reconstruction measures as well as for the rural road construction. Based on its compact design, also construction works in restricted areas are optimally possible. The unexampled versatility of the BF 300 offers best application possibilities in the construction of cycle paths as well as in landscaping projects.

**Standard equipment**
- ECOMODE
- Lateral seat ad platform adjustment, Side View System (pat.)
- GRP-roof, hydr. tiltable, 4-fold roof lighting
- L.C.S. Screed relief system
- Individually controlled hopper wings
- Reversible and individually controlled scraper belts
- Reversible and individually controlled augers
- Continuous tamper and vibration adjustment
- Fully automatic screed heating
- Cast heating elements
- BOMAG central electrics, service and fault code display
- Hydr. pre-tensioning of crawler tracks with overload protection
- Remote control of material flow sensors from the lateral screed control panels
- Mechanical crown adjustment
- Electro-mechanical sensors for scraper belts
- Ultrasound sensors for augers
- Central lubrication for screed and auger

**Optional equipment**
- Screed extension 30 cm, 50 cm (3.4 m to 5.0 m)
- Cleaning kit
- Hydraulic auger lift
- Ultrasound sensors for scraper belts
- Hydraulic crown adjustment
- Optional paint finish
- Ultrasound or electro-mechanical levelling systems
- Cross-slope levelling system
- Electric side plate heating for screed S340E
- Automatic central lubrication system for screed and auger
- Spring-mounted pushing roller yoke

**Dimensions in mm**

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>H</th>
<th>H₂</th>
<th>K</th>
<th>L</th>
<th>W</th>
</tr>
</thead>
<tbody>
<tr>
<td>BF 300 C</td>
<td>2200</td>
<td>1740</td>
<td>3350</td>
<td>2600</td>
<td>170</td>
<td>4950</td>
<td>1700</td>
</tr>
</tbody>
</table>
## TECHNICAL DATA

### Weights

<table>
<thead>
<tr>
<th></th>
<th>BOMAG BF 300 C, S 340-2 EV</th>
<th>BOMAG BF 300 C, S 340-2 ETV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating weight CECE</td>
<td>8280</td>
<td>8500</td>
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### Dimensions

<table>
<thead>
<tr>
<th></th>
<th>BOMAG BF 300 C, S 340-2 EV</th>
<th>BOMAG BF 300 C, S 340-2 ETV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transport length</td>
<td>4950</td>
<td>4950</td>
</tr>
<tr>
<td>Transport width</td>
<td>1740</td>
<td>1740</td>
</tr>
<tr>
<td>Transport height</td>
<td>2600</td>
<td>2600</td>
</tr>
</tbody>
</table>

### Travel characteristics

<table>
<thead>
<tr>
<th></th>
<th>BOMAG BF 300 C, S 340-2 EV</th>
<th>BOMAG BF 300 C, S 340-2 ETV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Travel speed (1)</td>
<td>0-4.9</td>
<td>0-4.9</td>
</tr>
<tr>
<td>Working speed (1)</td>
<td>0-26</td>
<td>0-26</td>
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</tbody>
</table>

### Drive

<table>
<thead>
<tr>
<th></th>
<th>BOMAG BF 300 C, S 340-2 EV</th>
<th>BOMAG BF 300 C, S 340-2 ETV</th>
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</thead>
<tbody>
<tr>
<td>Engine manufacturer</td>
<td>Kubota</td>
<td>Kubota</td>
</tr>
<tr>
<td>Type</td>
<td>V3307 T</td>
<td>V3307 T</td>
</tr>
<tr>
<td>Emission stage</td>
<td>Stage III a / TIER 3</td>
<td>Stage III a / TIER 3</td>
</tr>
<tr>
<td>Cooling</td>
<td>Water</td>
<td>Water</td>
</tr>
<tr>
<td>Number of cylinders</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Rated power ISO 3046</td>
<td>55.4</td>
<td>55.4</td>
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<tr>
<td>Rated speed</td>
<td>2200</td>
<td>2200</td>
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</table>

### Crawler assembly

<table>
<thead>
<tr>
<th></th>
<th>BOMAG BF 300 C, S 340-2 EV</th>
<th>BOMAG BF 300 C, S 340-2 ETV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Crawler track</td>
<td>2200</td>
<td>2200</td>
</tr>
<tr>
<td>- Axle base</td>
<td>2600</td>
<td>2600</td>
</tr>
<tr>
<td>- Width</td>
<td>2200</td>
<td>2200</td>
</tr>
</tbody>
</table>

### Hopper

<table>
<thead>
<tr>
<th></th>
<th>BOMAG BF 300 C, S 340-2 EV</th>
<th>BOMAG BF 300 C, S 340-2 ETV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity</td>
<td>4.8</td>
<td>4.8</td>
</tr>
<tr>
<td>Width (wings open)</td>
<td>3075</td>
<td>3075</td>
</tr>
<tr>
<td>Width (wings closed)</td>
<td>1740</td>
<td>1740</td>
</tr>
<tr>
<td>Length</td>
<td>1660</td>
<td>1660</td>
</tr>
<tr>
<td>Filling height (middle)</td>
<td>540</td>
<td>540</td>
</tr>
</tbody>
</table>

### Scraper belt / auger

<table>
<thead>
<tr>
<th></th>
<th>BOMAG BF 300 C, S 340-2 EV</th>
<th>BOMAG BF 300 C, S 340-2 ETV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Width</td>
<td>220</td>
<td>220</td>
</tr>
<tr>
<td>Speed</td>
<td>30</td>
<td>30</td>
</tr>
<tr>
<td>Individual control</td>
<td>Standard</td>
<td>Standard</td>
</tr>
<tr>
<td>Reversing operation</td>
<td>Standard</td>
<td>Standard</td>
</tr>
</tbody>
</table>

### Conveyor auger

<table>
<thead>
<tr>
<th></th>
<th>BOMAG BF 300 C, S 340-2 EV</th>
<th>BOMAG BF 300 C, S 340-2 ETV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>- Auger diameter</td>
<td>280</td>
<td>280</td>
</tr>
<tr>
<td>- Rated speed</td>
<td>100</td>
<td>100</td>
</tr>
<tr>
<td>- Reversing operation</td>
<td>Standard</td>
<td>Standard</td>
</tr>
</tbody>
</table>

### Screed

<table>
<thead>
<tr>
<th></th>
<th>BOMAG BF 300 C, S 340-2 EV</th>
<th>BOMAG BF 300 C, S 340-2 ETV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Screed type</td>
<td>S 340-2 EV</td>
<td>S 340-2 ETV</td>
</tr>
<tr>
<td>Basic width retracted</td>
<td>1700</td>
<td>1700</td>
</tr>
<tr>
<td>Basic width extended</td>
<td>3400</td>
<td>3400</td>
</tr>
<tr>
<td>Max. working width</td>
<td>5000</td>
<td>5000</td>
</tr>
<tr>
<td>Min. width with reduction skids</td>
<td>750</td>
<td>750</td>
</tr>
<tr>
<td>Mat. thickness</td>
<td>250</td>
<td>250</td>
</tr>
<tr>
<td>Smoothing plate depth</td>
<td>330</td>
<td>330</td>
</tr>
<tr>
<td>Smoothing plate thickness</td>
<td>12</td>
<td>12</td>
</tr>
<tr>
<td>Heating</td>
<td>Electric</td>
<td>Electric</td>
</tr>
<tr>
<td>Crown</td>
<td>-3 ... +4.5</td>
<td>-3 ... +4.5</td>
</tr>
<tr>
<td>Tamper frequency</td>
<td>0-30</td>
<td>0-30</td>
</tr>
<tr>
<td>Vibration frequency</td>
<td>20-50</td>
<td>20-50</td>
</tr>
<tr>
<td>Basic weight</td>
<td>1500</td>
<td>1720</td>
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</table>

### Filling capacities

<table>
<thead>
<tr>
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<th>BOMAG BF 300 C, S 340-2 EV</th>
<th>BOMAG BF 300 C, S 340-2 ETV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fuel</td>
<td>100</td>
<td>100</td>
</tr>
<tr>
<td>Hydraulic oil</td>
<td>80</td>
<td>80</td>
</tr>
</tbody>
</table>

### Operating/control elements

<table>
<thead>
<tr>
<th></th>
<th>BOMAG BF 300 C, S 340-2 EV</th>
<th>BOMAG BF 300 C, S 340-2 ETV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of drier’s seats</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Side view</td>
<td>Standard</td>
<td>Standard</td>
</tr>
<tr>
<td>LCS System</td>
<td>Standard</td>
<td>Standard</td>
</tr>
</tbody>
</table>

Technical modifications reserved. Machines may be shown with options.
PAVER
BF 300 P

Fields of application:
The road paver BF 300, a machine which is suited for the inner-city reconstruction measures as well as for the rural road construction. Based on its compact design, also construction works in restricted areas are optimally possible. The unexampled versatility of the BF 300 offers best application possibilities in the construction of cycle paths as well as in landscaping projects.

Standard equipment
- ECOMODE
- Lateral sea and platform adjustment, Side View System (pat.)
- GRP-roof, hydr. tiltable, 4-fold roof lighting
- L.C.S. Screed relief system
- Enhanced traction on soft ground
- Rear wheels 2 x 13R 22.5
- Individually controlled hopper wings
- Reversible and individually controlled scraper belts
- Reversible and individually controlled augers
- Continuous tamper and vibration adjustment
- Fully automatic screed heating
- Cast heating elements
- BOMAG central electrics, service and fault code display
- Remote control of material flow sensors from the lateral screed control panels
- Mechanical crown adjustment
- Electro-mechanical sensors for scraper belts
- Ultrasound sensors for augers
- Central lubrication for screed and auger

Optional equipment
- All-wheel drive
- Screed extension 30 cm, 50 cm (3.4 m to 5.0 m)
- Cleaning kit
- Hydr. auger lifting
- Ultrasound sensors for scraper belts
- Hydr. crown adjustment
- Optional paint finish
- Ultrasound or electro-mechanical levelling systems
- Cross-slope levelling system
- Electric side plate heating for screed S340E
- Automatic central lubrication system for screed and auger
- Spring-mounted pushing roller yoke

Dimensions in mm

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>H</th>
<th>H₂</th>
<th>K</th>
<th>L</th>
<th>W</th>
</tr>
</thead>
<tbody>
<tr>
<td>BF 300 P</td>
<td>2230</td>
<td>1740</td>
<td>3350</td>
<td>2600</td>
<td>170</td>
<td>4950</td>
<td>1700</td>
</tr>
</tbody>
</table>
### TECHNICAL DATA

#### Weights
- Operating weight CECE: 7780 kg

#### Dimensions
- Transport length: 1740 mm
- Transport width: 2600 mm
- Transport height: 2385 mm
- Inner track radius: 4750 mm
- Outer track radius: 0-129 mm

#### Travel characteristics
- Travel speed (1): 0-6.3 km/h
- Travel speed (2): 0-15 km/h
- Working speed (1): 0-41 m/min
- Working speed (2): 0-129 m/min

#### Drive
- Engine manufacturer: Kubota
- Type: V3307 T
- Emission stage: Stage III a / TIER 3
- Rated power (ISO 3046): 55.4 kW
- Rated speed: 2200 min⁻¹

#### Crawler assembly
- Rear tyres:
  - Number: 2
  - Type: 13R22.5
- Front tyres:
  - Number: 4
  - Diameter: 470 mm
  - Width: 280 mm

#### Hopper
- Capacity: 4.8 m³
- Width (wings open): 3075 mm
- Width (wings closed): 1740 mm
- Length: 1660 mm
- Filling height (middle): 540 mm

#### Scraper belt / auger
- Quantity: 2
- Width: 220 mm
- Rated speed: 30 m/min
- Individual control: Standard
- Reversing operation: Standard

#### Conveyor auger
- Number auger:
  - Number: 2
  - Auger diameter: 280 mm
- Rotary speed: 100 t/min
- Reversing operation: Standard

#### Screed
- Screed type: S 340-2 EV
- Basic width retracted: 1700 mm
- Basic width extended: 3400 mm
- Max. working width: 4400 mm
- Min. width with reducing skids: 250 mm
- Mat. height: 330 mm
- Smoothing plate thickness: 12 mm
- Heating: Electric
- Crown: -3 ... +4,5 %
- Tamper frequency: 20-50 Hz
- Vibration frequency: 1500 Hz
- Basic weight: 1720 kg

#### Filling capacities
- Fuel: 100 l
- Hydraulic oil: 80 l

#### Operating/control elements
- Number of driver’s seats: 1
- Side View: Standard
- LCS System: Standard

Technical modifications reserved. Machines may be shown with options.
Fields of application:
The road paver BF 300, a machine which is suited for the inner-city reconstruction measures as well as for the rural road construction. Based on its compact design, also construction works in restricted areas are optimally possible. The unexampled versatility of the BF 300 offers best application possibilities in the construction of cycle paths as well as in landscaping projects.

Standard Equipment
Operator compartment
- SIDEvIEw
- Driver’s seat: with swivel and side-shift
- Dashboard protection
- Hydraulic hinged roof
- Digital display for machine Management

Tractor
- ECOMODE
- Separate control of hopper wings
- Hydraulic, height adjustable auger
- Track scraper
- 2 proportionally controlled and reversible wear-resistant cast augers; screw blades separately replaceable
- 2 independent and reversible scraper belts; high-wear resistant plates
- Rubber track pads

Screed
- L.C.S. Screed relief and traction increase system
- Screed temperature control
- MAGMALIFE Aluminium heating plates
- MAGMALIFE Automatic screed heating
- Mechanical screed lock
- Crown adjustment
- Side control of auger/scaper belts

Other
- Tools
- 8 work lights
- Three phase Generator
- Socket 2 x 240 volt

Optional Equipment
Operator compartment
- Weather protection for platform
- Seat warmer
- Asphalt steam extraction

Tractor
- Central lubrication system
- Optional paint finish
- Biologically degradable hydraulic oil
- Hydraulic hopper front flap
- Spring dampened push rollers

Screed
- Hydraulic crown adjustment
- Hinged side plates
- Heated side plates
- L.C.S. half-sided
- S 340-2 extensions:
  - 350 mm
  - 500 mm
- Reduction shoes

Levelling systems
- Height and cross-slope sensing by means of ultrasonic or mechanical sensors

Other
- Fleetmanagement BOMAG TELEMATIC
- Moon-light balloon
- LED working lights

Dimensions in mm

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>F</th>
<th>I</th>
<th>J</th>
<th>K</th>
<th>L</th>
<th>W</th>
</tr>
</thead>
<tbody>
<tr>
<td>BF 300 C-2 S 340-2</td>
<td>2275</td>
<td>1880</td>
<td>3500</td>
<td>3050</td>
<td>1975</td>
<td>12,7&quot;</td>
<td>18,5&quot;</td>
<td>195</td>
<td>5050</td>
<td>1452</td>
</tr>
</tbody>
</table>
TECHNICAL DATA

Weight CECE
With S340-2 V screed / S340-2 TV screed .......... kg

Dimensions
Transport length ........................................... mm
Transport width ........................................... mm
Transport height ......................................... mm

Travel characteristics
Travel speed .............................................. km/h
Working speed ....................................... m/min⁻¹

Drive
Engine manufacturer ........................................
Type ............................................................... Type
Emission stage ................................................
Cooling .............................................................
Number of cylinders / Displacement .............. cm³
Rated power ................................................. kW / HP

Crawler assembly
Total length .............................................. mm
Width ............................................................. mm

Hopper
Capacity ...................................................... m³
Width (wings open) ........................................ mm
Width (wings closed) ..................................... mm
Length ........................................................... mm
Filling height (middle) ................................. mm

Conveyor
Number ........................................................
Rotary speed ............................................... U/min
Individual control .........................................
Reversing operation ......................................

Auger
Number ........................................................ mm
Auger diameter ............................................ mm
Rotary speed ............................................... U/min
Reversing operation ......................................

Screw
Basic width retracted ..................................... mm
Basic width extended ..................................... mm
Min. width with reduction skids ...................... mm
Mat thickness ................................................. mm
Screw plate depth ......................................... mm
Screw plate thickness .................................... mm
Heating ...........................................................
Crown ........................................................... %
Temp frequency ........................................... Hz
Vibration frequency ...................................... Hz
Basic weight ................................................. kg
Max. working width ..................................... mm

Filling capacities
Fuel ............................................................. l
Hydraulic oil ................................................... l

BOMAG
BF 300 C-2

8780 / 9000
5050
1880
3270
0-5
0-20 variable

Kubota
V3307-CR-T-EU4
Stage III b / TIER 4f
liquid
4 / 3331
54,6 / 75

2273
260
4,8
3080
2270
1800
515

2
33
Standard
yes

2
280
117
2
S340-2
1700
3400
700
250
330
12

electric
-2,5 ... +4,5
0-29
20-58
1500 / 1700
5000

Technical modifications reserved. Machines may be shown with options.
Fields of application:
The road paver BF 300, a machine which is suited for the inner-city reconstruction measures as well as for the rural road construction. Based on its compact design, also construction works in restricted areas are optimally possible. The unexampled versatility of the BF 300 offers best application possibilities in the construction of cycle paths as well as in landscaping projects.

Dimensions in mm

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>F</th>
<th>I</th>
<th>J</th>
<th>K</th>
<th>L</th>
<th>W</th>
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<tr>
<td>BF 300 P-2 S 340-2</td>
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<td>1880</td>
<td>3500</td>
<td>3050</td>
<td>1915</td>
<td>16.5&quot;</td>
<td>195</td>
<td>5050</td>
<td>1710</td>
<td></td>
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### TECHNICAL DATA

**Weight CECE**  
With S340-2 V screed / S340-2 TV screed .......... kg

<table>
<thead>
<tr>
<th>Dimensions</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Transport length</td>
<td>mm</td>
</tr>
<tr>
<td>Transport width</td>
<td>mm</td>
</tr>
<tr>
<td>Transport height</td>
<td>mm</td>
</tr>
<tr>
<td>Inner turning radius</td>
<td>mm</td>
</tr>
<tr>
<td>Outer turning radius</td>
<td>mm</td>
</tr>
</tbody>
</table>

**Travel characteristics**  
Travel speed ........................................ km/h  
Working speed ........................................ m/min\(^1\)

**Drive**  
Engine manufacturer  
Type  
Emission stage  
Cooling  
Number of cylinders / Displacement ................ cm\(^3\)  
Rated power ........................................... kW / HP

**Undercarriage**  
Rear tyres / Number  
Type  
Front tyres / Number  
Diameter ............................................... mm  
Width ............................................... mm

**Hopper**  
Capacity .............................................. m\(^3\)  
Width (wings open) .................................... mm  
Width (wings closed) .................................. mm  
Length ............................................... mm  
Filling height (middle) ................................ mm

**Conveyor**  
Number ..............................................  
Rotary speed ........................................ U/min  
Individual control ...................................  
Reversing operation ................................ 

**Auger**  
Number .............................................. mm  
Auger diameter ....................................... mm  
Rotary speed ........................................ U/min  
Reversing operation ................................ 

**Screed**  
Basic width retracted ................................ mm  
Basic width extended ............................... mm  
Min. width with reduction skids .................... mm  
Mat thickness ........................................ mm  
Screed plate depth .................................. mm  
Screed plate thickness .............................. mm  
Heating ..............................................  
Crown ................................................ %  
Tempaper frequency ................................ Hz  
Vibration frequency ................................ Hz  
Basic weight ........................................ kg  
Max. working width ................................ mm

**Filling capacities**  
Fuel .................................................. l  
Hydraulic oil ........................................ l

---

**BOMAG**  
*BF 300 P-2*

<p>| | |</p>
<table>
<thead>
<tr>
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<tr>
<td>8780 / 9000</td>
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<tr>
<td>5050</td>
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<td>Kubota</td>
<td>V3307-CR-T-EU</td>
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<tr>
<td>Stage III b / Tier 4f</td>
<td>liquid</td>
</tr>
<tr>
<td>4 / 3331</td>
<td>54,8 / 75</td>
</tr>
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<td>2</td>
<td>13 R 22.5</td>
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<tr>
<td>2</td>
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<tr>
<td>280</td>
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<td>515</td>
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<td>2</td>
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<td>87</td>
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<td>S340-2</td>
<td>1700</td>
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<tr>
<td>3400</td>
<td>700</td>
</tr>
<tr>
<td>250</td>
<td>330</td>
</tr>
<tr>
<td>12</td>
<td></td>
</tr>
<tr>
<td>electric</td>
<td>-2,5 ... +4,5</td>
</tr>
<tr>
<td>0-29</td>
<td>20-58</td>
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<tr>
<td>1500 / 1700</td>
<td>4400</td>
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<tr>
<td>95</td>
<td></td>
</tr>
<tr>
<td>80</td>
<td></td>
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Technical modifications reserved. Machines may be shown with options.
**PAVER**
BF 600 C-2 - Tier 3

Fields of application:
The BF 600 is a true all-round talent by the symbiosis of performance strength and versatility. Thus, the machine is applicable for a variety of construction sites – reconstruction of medium size motorway sections up to new construction of residential streets. Within this scope, the BF 600 guarantees an optimal quality at highest possible economics.

Standard Equipment
Operator compartment
- SIDEVIEW
- Driver’s seat: with swivel and side-shift
- Dashboard protection
- Hydraulic hinged roof
- Digital display for machine Management

Tractor
- ECOMODE
- Separate control of hopper wings
- Cleaning kit
- Hydraulic, height adjustable auger
- Track scraper
- 2 proportionally controlled and reversible wear-resistant cast augers; screw blades separately replaceable
- 2 independent and reversible scraper belts; high-wear resistant plates
- Rubber track pads

Screed
- L.C.S. Screed relief and traction increase system
- Screed temperature control
- MAGMALIFE Aluminium heating plates
- MAGMALIFE Automatic screed heating
- Hydraulic screed lock
- Crown adjustment
- Side control of auger/scaper belts

Other
- Tools
- 8 work lights
- 20/30 kVA generator
- Socket 2 x 240 volt

Optional Equipment
Operator compartment
- Hydraulic/electric movable SIDEVIEW platform
- Side windscreensed platform
- Seat warmer
- Asphalt steam extraction

Tractor
- Central lubrication system
- Optional paint finish
- Biologically degradable hydraulic oil
- Hydraulic hopper front flap
- Hydraulic suspended and dampered push rollers

Screed
- Hydraulic crown adjustment
- Hinged side plates
- Heated side plates
- L.C.S. half-sided
- S 500 + S 600 extensions:
- 250 mm
- 500 mm
- 750 mm
- 1250 mm
- Reduction shoes
- Edge shaper 45/60°

Levelling systems
- Height and cross-slope sensing by means of ultrasonic or mechanical sensors

Other
- Fleet management BOMAG TELEMATIC
- Moon-light balloon

Dimensions in mm

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>H</th>
<th>H2</th>
<th>L</th>
<th>W</th>
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<td>2975</td>
<td>2550</td>
<td>3910</td>
<td>3061</td>
<td>6360</td>
<td>2255</td>
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<tr>
<td>BF 600 C-2 S600</td>
<td>2975</td>
<td>3000</td>
<td>3910</td>
<td>3061</td>
<td>6360</td>
<td>2255</td>
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### TECHNICAL DATA

**Weight CECE**
With S500 screed / with S600 screed ........................................... kg

**Dimensions**
- Transport length ................................................................. mm
- Transport width ................................................................. mm
- Transport height ............................................................... mm

**Travel characteristics**
- Travel speed ................................................................. km/h
- Working speed .............................................................. m/min⁻¹

**Drive**
- Engine manufacturer ......................................................
- Type ...........................................................................
- Emission stage .............................................................
- Cooling ......................................................................
- Number of cylinders /Displacement ................................ cm³
- Rated power ............................................................... kW / HF

**Crawler assembly**
- Total length ................................................................. mm
- Width .............................................................................. mm

**Hopper**
- Capacity ................................................................. m³
- Width (wings open) ...................................................... mm
- Width (wings closed) .................................................. mm
- Length .......................................................................... mm
- Filling height (middle) ................................................ mm

**Conveyor**
- Number ...........................................................................
- Rotary speed .............................................................. U/min
- Individual control ......................................................... Standard
- Reversing operation ..................................................... Standard

**Auger**
- Number ...........................................................................
- Auger diameter ........................................................... mm
- Rotary speed .............................................................. U/min
- Reversing operation ..................................................... Standard

**Screed**
- Basic width retracted ................................................. mm
- Basic width extended .................................................. mm
- Min. width with reduction skids ................................. mm
- Mat thickness ............................................................. mm
- Screed plate depth ....................................................... mm
- Screed plate thickness ............................................... mm
- Heating ................................................................. electric
- Crown ...........................................................................
- Tamper frequency ..................................................... Hz
- Vibration frequency .................................................... Hz
- Basic weight .......................................................... kg
- Max. working width ................................................ mm

**Filling capacities**
- Fuel ............................................................................. l
- Hydraulic oil .............................................................. l

---

BOMAG
BF 600 C-2

19500 / 19800
6360
2550 / 3000
3061
0-4
0-25 variable
DEUTZ
TCD 2012 L06
Stage III a / TIER 3
liquid
6 / 6067
116 / 158
2975
300
7.0
3330
2270
1800
590
2
64
Standard
Standard
2
350
117
S 500 / S 600
2500 / 3000
5000 / 6000
1800 / 2300
300
400
15
-2.5 ... +4.5
0-29
20-58
3900 / 4200
8000
285
160

---

Technical modifications reserved. Machines may be shown with options.
Fields of application:
The BF 600 is a true all-round talent by the symbiosis of performance strength and versatility. Thus, the machine is applicable for a variety of construction sites – reconstruction of medium size motorway sections up to new construction of residential streets. Within this scope, the BF 600 guarantees an optimal quality at highest possible economics.
## TECHNICAL DATA

### Weight CECE
With S 500 screed / with S 600 screed ........................................... kg

### Dimensions
<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transport length</td>
<td>mm</td>
</tr>
<tr>
<td>Transport width</td>
<td>mm</td>
</tr>
<tr>
<td>Transport height</td>
<td>mm</td>
</tr>
</tbody>
</table>

### Travel characteristics
<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Travel speed</td>
<td>km/h</td>
</tr>
<tr>
<td>Working speed</td>
<td>m/min¹</td>
</tr>
</tbody>
</table>

### Drive
<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engine manufacturer</td>
<td></td>
</tr>
<tr>
<td>Type</td>
<td></td>
</tr>
<tr>
<td>Emission stage</td>
<td></td>
</tr>
<tr>
<td>Cooling</td>
<td></td>
</tr>
<tr>
<td>Number of cylinders /Displacement</td>
<td>cm³</td>
</tr>
<tr>
<td>Rated power</td>
<td>kW / HP</td>
</tr>
</tbody>
</table>

### Crawler assembly
<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total length</td>
<td>mm</td>
</tr>
<tr>
<td>Width</td>
<td>mm</td>
</tr>
</tbody>
</table>

### Hopper
<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity</td>
<td>m³</td>
</tr>
<tr>
<td>Width (wings open)</td>
<td>mm</td>
</tr>
<tr>
<td>Width (wings closed)</td>
<td>mm</td>
</tr>
<tr>
<td>Length</td>
<td>mm</td>
</tr>
<tr>
<td>Filling height (middle)</td>
<td>mm</td>
</tr>
</tbody>
</table>

### Conveyor
<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rotary speed</td>
<td>U/min</td>
</tr>
<tr>
<td>Individual control</td>
<td></td>
</tr>
<tr>
<td>Reversing operation</td>
<td></td>
</tr>
</tbody>
</table>

### Auger
<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number</td>
<td>mm</td>
</tr>
<tr>
<td>Auger diameter</td>
<td>mm</td>
</tr>
<tr>
<td>Rotary speed</td>
<td>U/min</td>
</tr>
<tr>
<td>Reversing operation</td>
<td></td>
</tr>
</tbody>
</table>

### Screed
<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basic width retracted</td>
<td>mm</td>
</tr>
<tr>
<td>Basic width extended</td>
<td>mm</td>
</tr>
<tr>
<td>Min. width with reduction skids</td>
<td>mm</td>
</tr>
<tr>
<td>Mat thickness</td>
<td>mm</td>
</tr>
<tr>
<td>Screed plate depth</td>
<td>mm</td>
</tr>
<tr>
<td>Screed plate thickness</td>
<td>mm</td>
</tr>
<tr>
<td>Heating</td>
<td>electric</td>
</tr>
<tr>
<td>Crown</td>
<td>%</td>
</tr>
<tr>
<td>Speeder frequency</td>
<td>Hz</td>
</tr>
<tr>
<td>Vibration frequency</td>
<td>Hz</td>
</tr>
<tr>
<td>Basic weight</td>
<td>kg</td>
</tr>
<tr>
<td>Max. working width</td>
<td>mm</td>
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</table>

### Filling capacities
<table>
<thead>
<tr>
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<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fuel</td>
<td>l</td>
</tr>
<tr>
<td>Hydraulic oil</td>
<td>l</td>
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</tbody>
</table>

## TECHNICAL DATA

<table>
<thead>
<tr>
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<th>Value</th>
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<tbody>
<tr>
<td>BOMAG BF 600 C-2</td>
<td></td>
</tr>
<tr>
<td>Weight CECE</td>
<td>19500 / 19800 kg</td>
</tr>
<tr>
<td>Transport length</td>
<td>6360 mm</td>
</tr>
<tr>
<td>Transport width</td>
<td>2550 / 3000 mm</td>
</tr>
<tr>
<td>Transport height</td>
<td>3061 mm</td>
</tr>
<tr>
<td>Travel speed</td>
<td>0-4 km/h</td>
</tr>
<tr>
<td>Working speed</td>
<td>0-25 variable m/min¹</td>
</tr>
<tr>
<td>Engine manufacturer</td>
<td>DEUTZ</td>
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<tr>
<td>Type</td>
<td>4R1000</td>
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<tr>
<td>Emission stage</td>
<td>Stage IV / TIER 4f liquid</td>
</tr>
<tr>
<td>Cooling</td>
<td></td>
</tr>
<tr>
<td>Number of cylinders /Displacement</td>
<td>4 / 5100 cm³</td>
</tr>
<tr>
<td>Rated power</td>
<td>113 / 154 kW / HP</td>
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<tr>
<td>Total length</td>
<td>2975 mm</td>
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<td>Width</td>
<td>300 mm</td>
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<tr>
<td>Capacity</td>
<td>7.0 m³</td>
</tr>
<tr>
<td>Width (wings open)</td>
<td>3330 mm</td>
</tr>
<tr>
<td>Width (wings closed)</td>
<td>2270 mm</td>
</tr>
<tr>
<td>Length</td>
<td>1800 mm</td>
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<tr>
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<td>590 mm</td>
</tr>
<tr>
<td>Rotary speed</td>
<td>2 U/min</td>
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<tr>
<td>Individual control</td>
<td>64 Standard</td>
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<tr>
<td>Reversing operation</td>
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<tr>
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<tr>
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<td>117 U/min</td>
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<tr>
<td>Basic width extended</td>
<td>3000 / 3000 mm</td>
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<tr>
<td>Min. width with reduction skids</td>
<td>1800 / 2300 mm</td>
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<tr>
<td>Mat thickness</td>
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<tr>
<td>Screed plate depth</td>
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<tr>
<td>Heating</td>
<td>electric</td>
</tr>
<tr>
<td>Crown</td>
<td>-2.5 ... +4.5 %</td>
</tr>
<tr>
<td>Speeder frequency</td>
<td>0-29 Hz</td>
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<tr>
<td>Vibration frequency</td>
<td>20-58 Hz</td>
</tr>
<tr>
<td>Basic weight</td>
<td>3900 / 4200 kg</td>
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<tr>
<td>Max. working width</td>
<td>8000 mm</td>
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<tr>
<td>Fuel</td>
<td>285 l</td>
</tr>
<tr>
<td>Hydraulic oil</td>
<td>160 l</td>
</tr>
</tbody>
</table>

Technical modifications reserved. Machines may be shown with options.
PAVER
BF 600 P-2 - Tier 3

Fields of application:
The BF 600 is a true all-round talent by the symbiosis of performance strength and versatility. Thus, the machine is applicable for a variety of construction sites – reconstruction of medium size motorway sections up to new construction of residential streets. Within this scope, the BF 600 guarantees an optimal quality at highest possible economics.

Dimensions in mm

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>H</th>
<th>H₂</th>
<th>L</th>
<th>W</th>
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<tr>
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<td>3000</td>
<td>3950</td>
<td>3100</td>
<td>6360</td>
<td>2546</td>
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Standard Equipment
Operator compartment
- SIDEVIEW
- Driver’s seat: with swivel and side-shift
- Dashboard protection
- Hydraulic hinged roof
- Digital display for machine Management

Tractor
- ECOMODE
- Separate control of hopper wings
- Cleaning kit
- Hydraulic, height adjustable auger
- Track scraper
- 2 proportionally controlled and reversible wear-resistant cast augers; screw blades separately replaceable
- 2 independent and reversible scraper belts; high-wear resistant plates
- 4 x 6 wheel drive

Screed
- L.C.S. Screed relief and traction increase system
- Screed temperature control
- MAGMALIFE Aluminium heating plates
- MAGMALIFE Automatic screed heating
- Hydraulic screed lock
- Crown adjustment
- Side control of auger/scaper belts

Other
- Tools
- 8 work lights
- 20/30 kVA generator
- Socket 2 x 240 volt

Optional Equipment
Operator compartment
- Hydraulic/electric movable SIDEVIEW platform
- Side windscreened platform
- Seat warmer
- Asphalt steam extraction

Tractor
- Central lubrication system
- Optional paint finish
- Biologically degradable hydraulic oil
- 6 x 6 all-wheel drive
- Hydraulic hopper front flap
- Hydraulic suspended and dampened push rollers
- Road homologation kit

Screed
- Hydraulic crown adjustment
- Hinged side plates
- Heated side plates
- L.C.S. half-sided
- S 500 + S 600 extensions:
  - 250 mm
  - 500 mm
  - 750 mm
  - 1250 mm
- Reduction shoes
- Edge shaper 45°/60°

Levelling systems
- Height and cross-slope sensing by means of ultrasonic or mechanical sensors

Other
- Fleet management BOMAG TELEMATIC
- Moon-light balloon
## TECHNICAL DATA

### Weight CECE
With S 500 screed / with S 600 screed ........................................ kg

### Dimensions
Transport length ........................................................................ mm
Transport width ........................................................................ mm
Transport height ....................................................................... mm

### Travel characteristics
Travel speed ........................................................................... km/h
Working speed .......................................................................... m/min

### Drive
Engine manufacturer ..................................................................
Type .........................................................................................
Emission stage ...........................................................................
Cooling ....................................................................................... Number of cylinders /Displacement ........................................ cm³
Rated power ............................................................................... kW / HP

### Undercarriage
Rear tyres / Number ..................................................................
Type .........................................................................................
Front tyres / Number ..................................................................
Diameter ...................................................................................
Width ......................................................................................... mm

### Hopper
Capacity .................................................................................... m²
Width (wings open) .................................................................... mm
Width (wings closed) .................................................................. mm
Length ....................................................................................... mm
Filling height (middle) ................................................................. mm

### Conveyor
Number ....................................................................................
Rotary speed ............................................................................. U/min
Individual control .....................................................................
Reversing operation ..................................................................

### Auger
Number ....................................................................................
Auger diameter ......................................................................... mm
Rotary speed ............................................................................. U/min
Reversing operation ..................................................................

### Screed
Basic width retracted ................................................................. mm
Basic width extended ............................................................... mm
Min. width with reduction skids ................................................ mm
Mat thickness ............................................................................. mm
Screed plate depth ..................................................................... mm
Screed plate thickness .............................................................. mm
Heating ....................................................................................... %
Crown ....................................................................................... %
Temper frequency ..................................................................... Hz
Vibration frequency ................................................................... Hz
Basic weight ............................................................................. kg
Max. working width .................................................................... mm

### Filling capacities
Fuel ......................................................................................... l
Hydraulic oil ............................................................................. l

**BOMAG BF 600 P-2**

1850 / 18900 kg

6380

2550 / 3000

3100

0-15

0-45 variable

Deutz TCD 2012 L06

Stage III a / Tier 3 liquid

6 / 6067

128 / 174

2

445/80 R 25

4

500

280

7,0

3330

2270

1800

515

2

64

Standard

Standard

2

350

117

Standard

S 500 / S 600

2500 / 3000

5000 / 6000

1800 / 2300

300

400

15

-2.5 ... +4.5

0-29

20-58

3900 / 4200

7500

285

160
Fields of application:
The BF 600 is a true all-round talent by the symbiosis of performance strength and versatility. Thus, the machine is applicable for a variety of construction sites – reconstruction of medium size motorway sections up to new construction of residential streets. Within this scope, the BF 600 guarantees an optimal quality at highest possible economics.

Dimensions in mm

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>H</th>
<th>H₂</th>
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<td>3950</td>
<td>3100</td>
<td>6360</td>
<td>2546</td>
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</tbody>
</table>

Standard Equipment
Operator compartment
- SIDEVIEW
- Driver’s seat: with swivel and side-shift
- Dashboard protection
- Hydraulic hinged roof
- Digital display for machine Management

Tractor
- ECOMODE
- Separate control of hopper wings
- Cleaning kit
- Hydraulic, height adjustable auger
- Track scraper
- 2 proportionally controlled and reversible wear-resistant cast augers; screw blades separately replaceable
- 2 independent and reversible scraper belts; high-wear resistant plates
- 4 x 6 wheel drive

Screed
- L.C.S. Screed relief and traction increase system
- Screed temperature control
- MAGMALIFE Aluminium heating plates
- MAGMALIFE Automatic screed heating
- Hydraulic screed lock
- Crown adjustment
- Side control of auger/scaper belts

Other
- Tools
- 8 work lights
- 20/30 kVA generator
- Socket 2 x 240 volt

Optional Equipment
Operator compartment
- Hydraulic/electric movable SIDEVIEW platform
- Side windscreened platform
- Seat warmer
- Asphalt steam extraction

Tractor
- Central lubrication system
- Optional paint finish
- Biologically degradable hydraulic oil
- 6 x 6 all-wheel drive
- Hydraulic hopper front flap
- Hydraulic suspended and dampened push rollers
- Road homologation kit

Screed
- Hydraulic crown adjustment
- Hinged side plates
- Heated side plates
- L.C.S. half-sided
- S 500 + S 600 extensions:
  - 250 mm
  - 500 mm
  - 750 mm
  - 1250 mm
- Reduction shoes
- Edge shaper 45°/90°

Levelling systems
- Height and cross-slope sensing by means of ultrasonic or mechanical sensors

Other
- Fleet management BOMAG TELEMATIC
- Moon-light balloon
**TECHNICAL DATA**

<table>
<thead>
<tr>
<th>Weight CECE</th>
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<td>Cooling</td>
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<td>Number of cylinders /Displacement</td>
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<td>Rated power</td>
<td>kW / HP</td>
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<td>Capacity</td>
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<td>Width (wings closed)</td>
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<td>Length</td>
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<td>Filling height (middle)</td>
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<tr>
<td><strong>Auger</strong></td>
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<tr>
<td>Basic width retracted</td>
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<tr>
<td>Basic width extended</td>
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<tr>
<td>Min. width with reduction skids</td>
<td>mm</td>
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</tr>
<tr>
<td>Mat thickness</td>
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<tr>
<td>Heating</td>
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<tr>
<td>Crown</td>
<td>%</td>
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<td>Tamper frequency</td>
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**BOMAG**

**BF 600 P-2**

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<td>2500 / 3000</td>
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<td>1800 / 2300</td>
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Technical modifications reserved. Machines may be shown with options.
PAVER
BF 700 C-2 - Tier 3

Fields of application:
The BF 700 is a true all-round talent by the symbiosis of performance strength and versatility. Thus, the machine is applicable for a variety of construction sites – reconstruction of medium size motorway sections up to new construction of residential streets. Within this scope, the BF 700 guarantees an optimal quality at highest possible economics.

Dimensions in mm

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>H</th>
<th>H₂</th>
<th>L</th>
<th>W</th>
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<td>3910</td>
<td>3061</td>
<td>6460</td>
<td>2255</td>
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</table>
### TECHNICAL DATA

**Weight CECE**
- With S 500 screed / with S 600 screed .......................... kg

<table>
<thead>
<tr>
<th>Dimensions</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>Transport length</td>
<td>mm</td>
</tr>
<tr>
<td>Transport width</td>
<td>mm</td>
</tr>
<tr>
<td>Transport height</td>
<td>mm</td>
</tr>
</tbody>
</table>

**Travel characteristics**
- Travel speed ................................................. km/h
- Working speed ................................................ m/min⁻¹

**Drive**
- Engine manufacturer .............................................
- Type ...............................................................
- Emission stage ..................................................
- Cooling ..................................................................
- Number of cylinders /Displacement ......................... cm³
- Rated power ...................................................... kW / HP

**Crawler assembly**
- Total length ..................................................... mm
- Width ............................................................... mm

**Hopper**
- Capacity ........................................................... m³
- Width (wings open) ............................................... mm
- Width (wings closed) ............................................ mm
- Length ............................................................. mm
- Filling height (middle) ......................................... mm

**Conveyor**
- Number ..............................................................
- Rotary speed .................................................... U/min
- Individual control ..............................................
- Reversing operation ...........................................

**Auger**
- Number .............................................................. mm
- Auger diameter ................................................... mm
- Rotary speed .................................................... U/min
- Reversing operation ............................................

**Screed**
- Basic width retracted .......................................... mm
- Basic width extended ........................................... mm
- Min. width with reduction skids ............................. mm
- Mat thickness .................................................... mm
- Screed plate thickness ........................................ mm
- Screed plate depth ............................................. mm
- Heating .............................................................
- Crown .............................................................. %
- Taper frequency ................................................ Hz
- Vibration frequency .......................................... Hz
- Basic weight ..................................................... kg
- Max. working width .......................................... mm

**Filling capacities**
- Fuel ................................................................. l
- Hydraulic oil ..................................................... l

---

Technical modifications reserved. Machines may be shown with options.
Fields of application:
The BF 700 is a true all-round talent by the symbiosis of performance strength and versatility. Thus, the machine is applicable for a variety of construction sites – reconstruction of medium size motorway sections up to new construction of residential streets. Within this scope, the BF 700 guarantees an optimal quality at highest possible economics.
**TECHNICAL DATA**

| Weight CECE | **BOMAG**
| ------------ | BF 700 C-2 |
| With S 500 screed / S 600 screed | kg |

| Dimensions |
| Transport length | mm |
| Transport width | mm |
| Transport height | mm |

| Travel characteristics |
| Travel speed | km/h |
| Working speed | m/min⁻¹ |

| Drive |
| Engine manufacturer | |
| Type | |
| Emission stage | |
| Cooling | |
| Number of cylinders /Displacement | cm³ |
| Rated power | kW / HP |

| Crawler assembly |
| Total length | mm |
| Width | mm |

| Hopper |
| Capacity | m³ |
| Width (wings open) | mm |
| Width (wings closed) | mm |
| Length | mm |
| Filling height (middle) | mm |

| Conveyor |
| Number | |
| Rotary speed | U/min |
| Individual control | |
| Reversing operation | |

| Auger |
| Number | mm |
| Auger diameter | mm |
| Rotary speed | U/min |
| Reversing operation | |

| Screed |
| Basic width retracted | mm |
| Basic width extended | mm |
| Min. width with reduction skids | mm |
| Mat thickness | mm |
| Screed plate depth | mm |
| Screed plate thickness | mm |
| Heating | |
| Crown | % |
| Temper frequency | Hz |
| Vibration frequency | Hz |
| Basic weight | kg |
| Max. working weight | mm |

| Filling capacities |
| Fuel | l |
| Hydraulic oil | l |

Technical modifications reserved. Machines may be shown with options.
PAVER
BF 800 C - Tier 3

Fields of application:
With paving widths of 2.50 m to 10 m, the BF 800 C is ideal for medium to large-scale construction projects on motorways and major roads. This BOMAG finisher is designed for high paving outputs: for example, on larger output jobs on local roads and inner city areas.

Dimensions in mm

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>H</th>
<th>H₂</th>
<th>L</th>
<th>W</th>
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<td>3000</td>
<td>3655</td>
<td>3055</td>
<td>6800</td>
<td>3000</td>
</tr>
</tbody>
</table>

Standard equipment
- SIDEVIEW
- Driver’s seat: with swivel and side-shift
- Protection; dashboard
- Hydraulic hinged roof
- Digital display for machine management
- Separate control of hopper wings
- Cleaning kit
- Hydraulic, height adjustable auger
- Track scraper
- L.C.S. Screed relief and traction increase system
- Screed temperature control
- Cast heating elements
- Automatic screed heating
- Hydraulic screed control
- Crown adjustment
- 6 work lights
- Side control of auger/scaper belts
- Tools
- Rubber track plates
- 30 kVA generator
- Socket 2 x 240 volt
- 2 proportionally controlled and reversible wear-resistant cast augers; screw blades separately replaceable
- 2 independent and reversible scraper belts; high- wear resistant plates

Optional equipment
- Hydraulic hopper front flap
- Hydraulic/electric movable platform
- Hydraulic crown adjustment
- Hinged side plates
- Heated side plates
- Side windscreened platform
- Seat warmer
- Asphalt steam extraction
- Biologically degradable hydraulic oil
- Central lubrication system
- L.C.S. half-sided
- Optional paint finish
- S 500 + S 600 extensions:
  - 250 mm
  - 500 mm
  - 750 mm
  - 1250 mm
- Reduction shoe
- Edge shaper 45°/60°
- Light balloon
- Socket 2 x 240 volt
- Levelling systems: Height and cross-slope sensing by means of ultrasonic or mechanical sensors
## TECHNICAL DATA

### Weight CECE

With S 500 screed / with S 600 screed ........................................... kg

<table>
<thead>
<tr>
<th>Dimensions</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>Transport length</td>
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<tr>
<td>Transport width</td>
<td>mm</td>
<td></td>
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<tr>
<td>Transport height</td>
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### Travel characteristics

<table>
<thead>
<tr>
<th>Travel speed (1)</th>
<th>km/h</th>
<th>Working speed (1)</th>
<th>m/min</th>
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### Drive

<table>
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<tr>
<th>Engine manufacturer</th>
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### Crawler assembly

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</table>

<table>
<thead>
<tr>
<th>Hopper</th>
<th>m³</th>
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### Scraper belt / auger

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### Conveyor auger

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### Screed

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<tr>
<td>Min. width with reduction skids</td>
<td>mm</td>
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<td>Mat thickness</td>
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<td>Vibration frequency</td>
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### Filling capacities

| Fuel                | l             | Hydraulic oil   | l             |

BOMAG
BF 800 C S 500

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### Technical Data BOMAG

Hellerwald

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Technical modifications reserved. Machines may be shown with options.
PAVER
BF 800 C-2 - Tier 4

Fields of application:
With paving widths of 2.50 m to 10 m, the BF 800 C-2 is ideal for medium to large-scale construction projects on motorways and major roads. This BOMAG finisher is designed for high paving outputs: for example, on larger output jobs on local roads and inner city areas.

Dimensions in mm

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Standard Equipment
Operator compartment
- SIDEVIEW
- Driver’s seat: with swivel and side-shift
- Dashboard protection
- Hydraulic hinged roof
- Digital display for machine Management

Tractor
- ECOMODE
- Separate control of hopper wings
- Cleaning kit
- Hydraulic, height adjustable auger
- Track scraper
- 2 proportionally controlled and reversible wear-resistant cast augers, screw blades separately replaceable
- 2 independent and reversible scraper belts, high-wear resistant plates
- Rubber track pads

Screed
- L.C.S. Screed relief and traction increase system
- Screed temperature control
- MAGMALIFE Aluminium heating plates
- MAGMALIFE Automatic screed heating
- Hydraulic screed lock
- Crown adjustment
- Side control of auger/scaper belt

Other
- Tools
- 8 work lights
- 30 kVA generator
- Socket 2 x 240 volt

Optional Equipment
Operator compartment
- Hydraulic/electric movable SIDEVIEW platform
- Windscreened platform
- Lateral Weather protection
- Comfort seat
- Seat heating
- Asphalt steam extraction

Tractor
- LED roof working lights
- Central lubrication system
- Optional paint finish
- Biologically degradable hydraulic oil
- Hydraulic hopper front flap
- Dampered push rollers

Screed
- Hydraulic sideplates
- Hydraulic crown adjustment
- Hinged side plates
- Heated side plates
- 500 mm, 750 mm, 1250 mm
- S 500 + S 600 extensions: 250 mm
- Dosser plates
- Reduction shoes
- Edge shaper 45°/60°

Levelling systems
- Height and cross-slope sensing by means of ultrasonic or mechanical sensors

Other
- Fleet management BOMAG TELEMATIC
- Ballast light
# TECHNICAL DATA

**Weight CECE**

With S 500 screed / with S 600 screed ........................................... kg

**Dimensions**

- Transport length ......................................................................... mm
- Transport width ........................................................................... mm
- Transport height .......................................................................... mm

**Travel characteristics**

- Travel speed (1) .......................................................................... km/h
- Working speed (1) ........................................................................ m/min

**Drive**

- Engine manufacturer ..................................................................
- Type ............................................................................................
- Exhaust classification .................................................................
- Cooling .........................................................................................
- Number of cylinders .....................................................................
- Rated power ISO 3046 ................................................................. kW
- Speed ......................................................................................... min⁻¹

**Crawler assembly**

- Crawler track ...............................................................................
- Axle base ..................................................................................... mm
- Width ........................................................................................... mm

**Hopper**

- Capacity ....................................................................................... m³
- Width (wings open) ........................................................................ mm
- Width (wings closed) ..................................................................... mm
- Length ............................................................................................ mm
- Filling height (middle) .................................................................... mm

**Scraper belt**

- Number ........................................................................................
- Width ............................................................................................ mm
- Speed ............................................................................................ U/min
- Individual control ..........................................................................
- Reversing operation .....................................................................

**Conveyor auger**

- Number .........................................................................................
- Auger diameter ........................................................................... mm
- Rotary speed ................................................................................ U/min
- Reversing operation ......................................................................

**Screed**

- Screed type ...................................................................................
- Basic width retracted ................................................................... mm
- Basic width extended ................................................................. mm
- Max. working width ...................................................................... mm
- Min. width with reduction skids ................................................ mm
- Mat thickness ................................................................................ mm
- Smoothing plate depth ................................................................... mm
- Smoothing plate thickness ........................................................ mm
- Heating ..........................................................................................
- Crown ...........................................................................................
- Tamper frequency ........................................................................ Hz
- Vibration frequency ....................................................................... Hz
- Basic weight ................................................................................ kg

**Filling capacities**

- Fuel .............................................................................................. l
- Hydraulic oil ................................................................................ l

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<td>Vibration frequency</td>
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Technical modifications reserved. Machines may be shown with options.
### PAVED®
BF 800 P - Tier 3

**Fields of application:**
With paving widths of 2.50 m to 9 m, the BF 800 P is ideal for medium to large-scale construction projects on motorways and major roads. This BOMAG finisher is designed for high paving outputs: for example, on larger output jobs on local roads and inner city areas.

**Standard equipment**
- SIDEVIEW
- Driver’s seat: with swivel and side-shift
- Protection; dashboard
- Hydraulic hinged roof
- Digital display for machine management
- Separate control of hopper wings
- Cleaning kit
- Hydraulic, height adjustable auger
- Track scraper
- L.C.S. Screed relief and traction increase system
- Screed temperature control
- Cast heating elements
- Automatic screed heating
- Hydraulic screed control
- Crown adjustment
- 6 work lights
- Side control of auger/scaper belts
- Tools
- 6 x 6 all wheel drive
- 30 KVA generator
- Socket 2 x 240 volt
- 2 proportionally controlled and reversible wear-resistant cast augers; screw blades separately replaceable
- 2 independent and reversible scraper belts; high-wear resistant plates

**Optional equipment**
- Hydraulic hopper front flap
- Hydraulic/electric movable platform
- Hydraulic crown adjustment
- Hinged side plates
- Heated side plates
- Side windscreened platform
- Seat warmer
- Asphalt steam extraction
- Biologically degradable hydraulic oil
- Central lubrication system
- L.C.S. half-sided
- Optional paint finish
- S 500 + S 600 extensions:
  - 250 mm
  - 500 mm
  - 750 mm
  - 1250 mm
- Reduction shoe
- Edge shaper 45°/60°
- Light balloon
- Socket 2 x 240 volt
- Levelling systems: Height and cross-slope sensing by means of ultrasonic or mechanical sensors

### Dimensions in mm

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<th>B</th>
<th>H</th>
<th>H₂</th>
<th>L</th>
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PRE 837 65 010
## TECHNICAL DATA

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Technical modifications reserved. Machines may be shown with options.
**PAVER**
BF 900 C - Tier 3

**Fields of application:**
With paving widths of 2.50 m to 13 m, the BF 900 C is ideal for medium to large-scale construction projects on motorways and major roads. This BOMAG finisher is designed for high paving outputs: for example, on larger output jobs on local roads and inner city areas.

**Standard equipment**
- SIDEVIEW
- Driver’s seat: with swivel and side-shift
- Protection; dashboard
- Hydraulic hinged roof
- Digital display for machine management
- Separate control of hopper wings
- Cleaning kit
- Hydraulic, height adjustable auger
- Track scraper
- L.C.S. Screed relief and traction increase system
- Screed temperature control
- Cast heating elements
- Automatic screed heating
- Hydraulic screed control
- Crown adjustment
- 6 work lights
- Side control of auger/scaper belts
- Tools
- Rubber track plates
- 30 kVA generator
- Socket 2x240 volt
- 2 proportionally controlled and reversible wear-resistant cast augers; screw blades separately replaceable
- 2 independent and reversible scraper belts; high-wear resistant plates

**Optional equipment**
- Hydraulic hopper front flap
- Hydraulic/electric movable platform
- Hydraulic crown adjustment
- Hinged side plates
- Heated side plates
- Side windscreened platform
- Seat warmer
- Asphalt steam extraction
- Biologically degradable hydraulic oil
- Central lubrication system
- L.C.S. half-sided
- Optional paint finish
- S 500 + S 600 extensions:
  - 250 mm
  - 500 mm
  - 750 mm
  - 1250 mm
- Reduction shoe
- Edge shaper 45°/60°
- Light balloon
- Socket 2x240 volt
- Levelling systems:
  - Height and cross-slope sensing by means of ultrasonic or mechanical sensors

<table>
<thead>
<tr>
<th>Dimensions in mm</th>
<th>A</th>
<th>B</th>
<th>H</th>
<th>H₂</th>
<th>L</th>
<th>W</th>
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<tr>
<td>BF 900 C S 500</td>
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<td>3865</td>
<td>3055</td>
<td>6800</td>
<td>3000</td>
</tr>
</tbody>
</table>
## TECHNICAL DATA

### Weights
Operating weight CECE ................................................. kg

### Dimensions
Transport length .......................................................... mm
Transport width ........................................................... mm
Transport height .......................................................... mm

### Travel characteristics
Travel speed (1) ....................................................... km/h
Working speed (1) ..................................................... m/min

### Drive
Engine manufacturer ..................................................
Type .............................................................
Exhaust classification ................................................
Cooling .............................................................
Number of cylinders ................................................
Rated power ISO 3046 ................................................ kW
Speed .............................................................. min⁻¹

### Crawler assembly
Crawler track ............................................................
-Axle base .......................................................... mm
-Width ............................................................... mm

### Hopper
Capacity ............................................................... m³
Width (wings open) ................................................... mm
Width (wings closed) ................................................ mm
Length ................................................................. mm
Filling height (middle) ................................................ mm

### Scraper belt / auger
Number .................................................................
Width ................................................................. mm
Speed ............................................................... U/min
Individual control ....................................................
Reversing operation ................................................

### Conveyor auger
-Number .................................................................
-Auger diameter ..................................................... mm
-Rotary speed ....................................................... U/min
-Reversing operation .............................................

### Screed
Screed type ...........................................................
Basic width retracted ................................................ mm
Basic width extended ............................................... mm
Max. working width ................................................ mm
min. width with reduction skids ................................... mm
Mat thickness ......................................................... mm
Smoothing plate depth .............................................. mm
Smoothing plate thickness ......................................... mm
Heating ..........................................................
Crown ............................................................ %
Tamper frequency ................................................... Hz
Vibration frequency ................................................ Hz
Basic weight ........................................................ kg

### Filling capacities
Fuel ................................................................. l
Hydraulic oil ......................................................... l

<table>
<thead>
<tr>
<th>BOMAG BF 900 C S 500</th>
<th>BOMAG BF 900 C S 600</th>
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<tr>
<td>21150</td>
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<tr>
<td>6800</td>
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<td>2550</td>
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<td>0-25</td>
<td>0-25</td>
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<tr>
<td>DEUTZ TCD 6.1 L6</td>
<td>DEUTZ TCD 6.1 L6</td>
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</tr>
</tbody>
</table>

Technical modifications reserved. Machines may be shown with options.
FEEDER
BMF 2500 - Tier 3

Fields of application:
The BOMAG BMF 2500 feeder delivers uniform and constant material to the paver, reducing paving times and improving the quality of the finished job. The outstanding features of the BOMAG BMF 2500 feeder are its high output and compact design. Theoretical output is 4,000 t/h, which means the unit can handle a 27 tonne lorry load in only 35 seconds. At the same time the feeder width is just 2.55 m; narrow enough for transporting without special permit. This makes the BMF 2500 a versatile machine which can be used on site in confined areas.

Dimensions in m

<table>
<thead>
<tr>
<th></th>
<th>Length</th>
<th>Width</th>
<th>Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>BMF 2500 S</td>
<td>9,20</td>
<td>2,55</td>
<td>3,10</td>
</tr>
<tr>
<td>BMF 2500 M</td>
<td>10,26</td>
<td>2,55</td>
<td>3,10</td>
</tr>
<tr>
<td>BMF 2500 S Offset</td>
<td>13,50</td>
<td>2,55</td>
<td>3,10</td>
</tr>
</tbody>
</table>
### TECHNICAL DATA

**Weights**
- Operating weight CECE ........................................... kg
- BMF 2500 M ....................................................... kg
- BMF 2500 S Offset .............................................. kg

**Dimensions**
- Transport length BMF 2500 S .................................. mm
  - BMF 2500 M .................................................. mm
  - BMF 2500 S Offset ......................................... mm
- Transport width BMF 2500 S .................................. mm
  - BMF 2500 M .................................................. mm
  - BMF 2500 S Offset ......................................... mm
- Transport height ................................................. mm
- Loading angle ................................................... °

**Travel characteristics**
- Travel speed ..................................................... km/h
- Working speed ................................................... m/min

**Drive**
- Engine manufacturer ............................................
- Type .................................................................
- Exhaust classification ........................................... Stage III a / TIER 3
- Cooling ............................................................... Fluid
- Number of cylinders ............................................. 6
- Displacement ....................................................... cm³
- Rated power ....................................................... kW / hp
- Power ................................................................. rpm

**Track chains**
- Overall length ................................................... mm
- Width ................................................................. mm

**Hopper**
- Capacity ............................................................. m³ / t
- Width (wings open) ............................................. mm
- Width (wings closed) ......................................... mm
- Length ............................................................... mm
- Filling height (middle) ......................................... mm

**Conveyor belt**
- Type .................................................................

**Velocity** .............................................................
- Width ................................................................. mm
- Conveying height BM 2500 S / BMF 2500 M ........ mm

**Conveying height BM 2500 S Offset** ...........................................
- Capacity ............................................................ t/h

**Filling capacities**
- Fuel ................................................................. l
- Hydraulic system ............................................... l

**Electric system**
- Voltage .............................................................. V

---

Technical modifications reserved. Machines may be shown with options.
The BOMAG BMF 2500 feeder delivers uniform and constant material to the paver, reducing paving times and improving the quality of the finished job. The outstanding features of the BOMAG BMF 2500 feeder are its high output and compact design. Theoretical output is 4,000 t/h, which means the unit can handle a 27 tonne lorry load in only 35 seconds. At the same time the feeder width is just 2.55 m; narrow enough for transporting without special permit. This makes the BMF 2500 a versatile machine which can be used on site in confined areas.

### Dimensions in m

<table>
<thead>
<tr>
<th></th>
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<tr>
<td>BMF 2500 M</td>
<td>10.26</td>
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<tr>
<td>BMF 2500 S Offset</td>
<td>13.50</td>
<td>2.55</td>
<td>3.10</td>
</tr>
</tbody>
</table>
### Technical Data

#### Weights CECE
- BMF 2500 S: ...................... kg
- BMF 2500 SM: ...................... kg
- BMF 2500 SOFset: .................. kg

#### Dimensions
- Transport length BMF 2500 S: ........ mm
- Length BMF 2500 M: ................ mm
- Length BMF 2500 S Offset: ............ mm
- Transport width: ...................... mm
- Transport height: ...................... mm
- Loading angle: ........................ °

#### Travel characteristics
- Travel speed: ........................ km/h
- Working speed: ...................... m/min

#### Drive
- Engine manufacturer: ..................
- Type: .................................
- Emission stage: ......................
- Exhaust classification: ..............
- Cooling: ...............................
- Number of cylinders: .................
- Displacement: ........................ cm³
- Rated power: ........................... kW / hp
- Power: ................................. rpm

#### Track chains
- Overall length: ...................... mm
- Width: ................................. mm

#### Hopper
- Capacity: ............................. m³ / t
- Width (wings open): .................. mm
- Width (wings closed): ................. mm
- Length: ................................. mm
- Filling height (middle): ............... mm

#### Conveyor belt
- Type: .................................
- Velocity: ............................... m/min
- Width: ................................. mm
- Conveying height: .................... mm

#### Capacity
- Capacity: ............................ t/h

#### Filling capacities
- Fuel: ................................. l
- Hydraulic system: .................... l

#### Electric system
- Voltage: ............................. V

---

### BOMAG

**BMF 2500**

<table>
<thead>
<tr>
<th>Item</th>
<th>Specification</th>
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<tr>
<td>20500</td>
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<td>10</td>
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<tr>
<td>0-4</td>
<td>0-25 variable</td>
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</tbody>
</table>

- Cummins
- QSB6.7-C260 (Tier 4 final)
- Stage IV / TIER 4
- Tier 4 final
- Fluid: ..............................
- 6
- 6700
- 170 / 231
- 2200
- 3900
- 320
- 7 / 15
- 3345
- 2550
- 2200
- 523

- Rubber band, mounted on two roller chains, with metal cross ties
- Infinitely variable
- 1200
- 2180 mm (with hydraulic height adjustment 2560 mm)
- 4000
- 300
- 200
- 24

---

Technical modifications reserved. Machines may be shown with options.
# Single Drum Rollers

<table>
<thead>
<tr>
<th>Model Description</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>BW 124 DH-5, BW 124 PDH-5 (2 Amplitude)</td>
<td>194</td>
</tr>
<tr>
<td>BW 145 D-5, BW 145 DH-5, BW 145 PDH-5 - Tier 4</td>
<td>196</td>
</tr>
<tr>
<td>BW 177 D-5, BW 177 DH-5, BW 177 PDH-5 - Tier 4</td>
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<tr>
<td>BW 177 BVC-5 - Tier 4</td>
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<tr>
<td>BW 219 D-5, BW 219 PD-5</td>
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<tr>
<td>BW 219 DH-5, BW 219 PDH-5</td>
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<tr>
<td>BW 226 DH-5, BW 226 PDH-5</td>
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<tr>
<td>BW 219 BVC-5</td>
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<td>BW 226 BVC-5</td>
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<td>BW 226 DI-5</td>
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</tr>
<tr>
<td>BW 226 RC-5</td>
<td>214</td>
</tr>
<tr>
<td>BW 211 D-5, BW 211 PD-5 - Tier 4</td>
<td>216</td>
</tr>
<tr>
<td>BW 211 DH-5, BW 211 PDH-5 - Tier 4</td>
<td>218</td>
</tr>
<tr>
<td>BW 212 D-5, BW 212 DH-5, BW 212 PD-5 - Tier 4</td>
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</tr>
<tr>
<td>BW 214 D-5 - Tier 4</td>
<td>224</td>
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<tr>
<td>BW 216 D-5, BW 216 PD-5 - Tier 4</td>
<td>226</td>
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<tr>
<td>BW 216 DH-5, BW 216 PDH-5 - Tier 4</td>
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<tr>
<td>BW 213 DH-5/P, BW 213 BVC-5/P - Tier 4</td>
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<td>BW 213 BVC-5 - Tier 4</td>
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<td>BW 177 D-5, BW 177 DH-5, BW 177 PDH-5 - Tier 3</td>
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<td>BW 211 D-5, BW 211 PD-5 - Tier 3</td>
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<tr>
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<td>238</td>
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# Soil Compactors

<table>
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<tr>
<td>BC 772 EB-2</td>
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<td>BC 772 EB-4</td>
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<tr>
<td>BC 473 EB-5</td>
<td>278</td>
</tr>
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</table>
SINGLE DRUM ROLLERS
BW 124 DH-5, BW 124 PDH-5 (2 Amplitude)

**Fields of application:**
Minor works and medium-size compaction duties in road construction, car parks, trenches and backfill. D-series models are suitable for granular materials (sand, gravel, crushed rock), semi-cohesive soils and hydraulically bound materials. PD-series models are primarily used on cohesive soils with high water contents. All BW 124 models have high climbing performance with high-torque drive systems. With its high traction, the BW 124 is ideal for use with a dozer blade which transforms the BW 124 into an effective combined unit for spreading, shaping and compaction.

**Standard Equipment**
- Hydrostatic travel and vibration drive
- Double pump system for travel drive
- 2 Spring accumulator brakes
- Differential lock
- Hydrostatic articulated steering
- Contact scrapers
- Operating/Control Equipment
  - Hour meter
  - Charge control
  - Parking brake
  - Engine oil pressure
  - Engine temperature
  - Air cleaner pollution
  - Fuel level indicator
- Warning horn
- Transport lashing and lifting points front/rear
- Lockable anti vandal dashboard protection
- Back-up alarm
- Emergency stop button
- ROPS/FOPS with safety belt
- Working lights
- Seat contact switch
- Rear windscreen
- Battery disconnect switch

**Optional Equipment**
- Dozer blade (+350kg/772lb)
  B: 1.515mm/59.6in
  L: 3.900mm/153.5in
- Dozer blade (Pre-installation)
- Dozer blade with tilting mechanism (+440kg/970lb)
- Special painting
- Rotary beacon
- ECONOMIZER
- TELEMATIC
- Working lights
- Comfort package

**Dimensions in mm**

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>D</th>
<th>H</th>
<th>H2</th>
<th>K</th>
<th>L</th>
<th>O</th>
<th>S</th>
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<td>55</td>
<td>15</td>
<td>1200</td>
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<tr>
<td>BW 124 PDH-5</td>
<td>1815</td>
<td>1310</td>
<td>960</td>
<td>1850</td>
<td>2520</td>
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<td>15</td>
<td>1200</td>
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**TECHNICAL DATA**

<table>
<thead>
<tr>
<th><strong>Weights</strong></th>
<th><strong>BOMAG</strong> BW 124 DH-5</th>
<th><strong>BOMAG</strong> BW 124 PDH-5</th>
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<tbody>
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<td>Axle load, drum / wheels CECE</td>
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<td>1.600/1.790</td>
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<tr>
<td>Static linear load CECE</td>
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</tr>
</tbody>
</table>

| **Dimensions**                                    |                       |                        |
| Working width                                     | 1.200                 | 1.200                  |
| Track radius, inner                              | 2.260                 | 2.260                  |

| **Driving Characteristics**                       |                       |                        |
| Speed                                           | 0- 9,0                | 0- 9,0                 |
| Max. gradeability without With vibr.            | 55/55                 | 55/55                  |

| **Drive**                                        |                       |                        |
| Engine manufacturer                              | Kubota                | Kubota                 |
| Type                                            | V2403                 | V2403                  |
| Emission stage                                   | Stage V / TIER4f      | Stage V / TIER4f        |
| Exhaust gas aftertreatment                       | DPF                   | DPF                    |
| Cooling                                         | water                 | water                  |
| Number of cylinders                              | 4                     | 4                      |
| Performance ISO 3046                             | 34.0                  | 34.0                   |
| Performance SAE J 1995                           | 46.0                  | 46.0                   |
| Speed                                           | 2.400                 | 2.400                  |
| Fuel                                            | Diesel                | Diesel                 |
| Electric equipment                               | 12                    | 12                     |
| Drive system                                     | hydromec.             | hydromec.              |
| Drum driven                                      | standard              | standard               |

| **Drums and Tyres**                               |                       |                        |
| Tyre size                                        | 9.5-24 APR            | 9.5-24 4PR             |

| **Brakes**                                       |                       |                        |
| Service brake                                    | hydromec.             | hydromec.              |
| Parking brake                                    | standard              | standard               |

| **Steering**                                     |                       |                        |
| Steering system                                  | oscill.artic.         | oscill.artic.          |
| Steering method                                  | hydromec.             | hydromec.              |
| Steering / oscillating angle °                  | 35/12                 | 35/12                  |

| **Exciter system**                                |                       |                        |
| Drive system                                      | hydromec.             | hydromec.              |
| Frequency                                        | 41                    | 41                     |
| Amplitude                                        | 1.70/0.85             | 1.60                   |
| Centrifugal force                                | 85/43                 | 85                     |

| **Capacities**                                    |                       |                        |
| Fuel                                            | 60.0                  | 60.0                   |

Technical modifications reserved. Machines may be shown with options.
SINGLE DRUM ROLLERS
BW 145 D-5, BW 145 DH-5, BW 145 PDH-5 - Tier 4

Fields of application:
Minor works and medium-size compaction duties in road construction, car parks, trenches and backfill. D-series models are suitable for granular materials (sand, gravel, crushed rock), semi-cohesive soils and hydraulically bound materials. PD-series models are primarily used on cohesive soils with high water contents. H-series models have high climbing performance and high-torque drive systems.

Dimensions in mm

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>D</th>
<th>H</th>
<th>H2</th>
<th>K</th>
<th>L</th>
<th>O1</th>
<th>O1</th>
<th>S</th>
<th>W</th>
</tr>
</thead>
<tbody>
<tr>
<td>BW 145 D-5</td>
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<td>1060</td>
<td>1570</td>
<td>2720</td>
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<td>4370</td>
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<td>20</td>
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<td>2720</td>
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Standard Equipment
- BOMAG ECOMODE
- Double pump system for travel drive (DH/PDH)
- No-Spin differential lock
- Rear axle with twin spring accumulator brakes
- Hydrostatic travel and vibration drive
- Hydrostatic articulated steering
- Articulated joint lock
- Warning, information and operation displays
- Single lever control for travel and vibration
- Emergency STOP
- Warning horn
- Back-up warning system
- Noise insulation
- 1 Scrapers (D/DH)
- 2 Scrapers (PDH)
- Tractor tires (PDH)

Optional Equipment
- * ROPS cabin with seat belts
- ROPS/FOPS with safety belt
- * Working lights front/rear
- Indicator and hazard lights
- Rotary beacon
- Rearview camera
- Air condition
- Sliding window
- Radio (Bluetooth)
- BOMAG ECOSTOP
- ECONOMIZER
- TERRAMETER
- Printer for TERRAMETER
- BOMAG TELEOMATIC
- BCM 05 Documentation system
- Special painting
- Reversing alarm buzzer with broad band audio
- Padfoot segment kit (D/DH)
- 2 Contact scrapers (D/DH)
- Dozer blade (DH/PDH)
- Environmentally compliant hydraulic oil
- Tractor tires (D/DH)
- Hydr. drive for bitumen system
- LED Working lights (Cabin)
- Comfort package
  * Standard delivery with CE conformity (valid within European Union)
# TECHNICAL DATA

## Weights

<table>
<thead>
<tr>
<th></th>
<th>BOMAG BW 145 D-5</th>
<th>BOMAG BW 145 DH-5</th>
<th>BOMAG BW 145 PDH-5</th>
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## Dimensions

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## Driving Characteristics

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## Drive

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<td>Stage V / TIER4f</td>
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<td>DOC+DPF</td>
<td>DOC+DPF</td>
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<td>Diesel</td>
<td>Diesel</td>
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<td>2.400</td>
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<tr>
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<td>hydrost.</td>
<td>hydrost.</td>
</tr>
<tr>
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## Drums and Tyres

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<td>12.5-20 12PR</td>
<td>12.4-24/8PR</td>
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<td>oscill.artic.</td>
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<td>35/12</td>
<td>35/12</td>
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## Exciter system

<p>| | | | |</p>
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<thead>
<tr>
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<tr>
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## Capacities

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SINGLE DRUM ROLLERS
BW 177 D-5, BW 177 DH-5, BW 177 PDH-5 - Tier 4

Fields of application:
Minor works and medium-size compaction duties in road construction, car parks, trenches and backfill. D-series models are suitable for granular materials (sand, gravel, crushed rock), semi-cohesive soils and hydraulically bound materials. PD-series models are primarily used on cohesive soils with high water contents. H-series models have high climbing performance and high-torque drive systems.

Standard Equipment
- BOMAG ECOMODE
- Double pump system for travel drive (DH/PDH)
- No-Spin differential lock
- Rear axle with twin spring accumulator brakes
- Hydrostatic travel and vibration drive
- Hydrostatic articulated steering
- Articulated joint lock
- Warning, information and operation displays
- Single lever control for travel and vibration
- Emergency STOP
- Warning horn
- Back-up warning system
- Noise insulation
- 2 Contact scrapers Plastic (D/DH)
- 2 Scrapers (PDH)
- Tractor tires (PDH)

Optional Equipment
- * ROPS cabin with seat belts
- ROPS/FOPS with safety belt
- Tractor tires (D/DH)
- * Working lights front/rear
- Indicator and hazard lights
- Rotary beacon
- Rearview camera
- Air condition
- Adjustable steering column
- Sliding window
- Radio (Bluetooth)
- BOMAG ECOSTOP
- ECONOMIZER
- TERRAMETER
- Printer for TERRAMETER
- BOMAG TELEOMATIC
- BCM 05 Documentation system
- Special painting
- Reversing alarm buzzer with broad band audio
- Padfoot segment kit (D/DH)
- Dozer blade (DH/PDH)
- Environmentally compliant hydraulic oil
- Measuring- and machine data interface for third-party suppliers
- LED Working lights (Cabin)

* Standard delivery with CE conformity (valid within European Union)

Dimensions in mm

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>D</th>
<th>H</th>
<th>H2</th>
<th>K</th>
<th>L</th>
<th>O1</th>
<th>O2</th>
<th>S</th>
<th>W</th>
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<td>1230</td>
<td>1750</td>
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<td>65</td>
<td>20</td>
<td>1690</td>
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<tr>
<td>BW 177 DH-5</td>
<td>2350</td>
<td>1820</td>
<td>1230</td>
<td>1750</td>
<td>2800</td>
<td>380</td>
<td>4550</td>
<td>65</td>
<td>65</td>
<td>20</td>
<td>1690</td>
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<tr>
<td>BW 177 PDH-5</td>
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<td>1820</td>
<td>1210</td>
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<td>380</td>
<td>4550</td>
<td>65</td>
<td>65</td>
<td>15</td>
<td>1690</td>
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</table>
### TECHNICAL DATA

#### Weights
- **Grossweight** ................................................................. kg
- **Operating weight CECE w. ROPS-cabin** ............................ kg
- **Axle load, drum CECE** .................................................. kg
- **Axle load, wheels CECE** ................................................ kg
- **Static linear load CECE** .................................................. kg/cm

#### Dimensions
- **Working width** ............................................................... mm
- **Track radius, inner** ....................................................... mm

#### Driving Characteristics
- **Speed (1)** ................................................................. km/h
- **Speed (2)** ................................................................. km/h
- **Speed (3)** ................................................................. km/h
- **Speed (4)** ................................................................. km/h
- **Max. gradeability without/with vib.** ................................ %

#### Drive
- **Engine manufacturer** .....................................................
- **Type** ............................................................................
- **Emission stage** ............................................................
- **Exhaust gas aftertreatment** ...........................................
- **Cooling** .......................................................................
- **Number of cylinders** ....................................................
- **Performance ISO 3046** .................................................. kW
- **Performance SAE J 1995** ............................................... hp
- **Speed** .......................................................... min⁻¹
- **Fuel** ...........................................................
- **Electric equipment** ...................................................... V
- **Drive system** ...............................................................
- **Drum driven** ..............................................................

#### Drums and Tyres
- **Tyre size** .................................................................

#### Brakes
- **Service brake** .............................................................
- **Parking brake** ...............................................................

#### Steering
- **Steering system** ..........................................................
- **Steering method** ..........................................................
- **Steering / oscillating angle +/-** ................................ grad

#### Exciter system
- **Drive system** ...............................................................
- **Frequency (1)** ............................................................ Hz
- **Frequency (2)** ............................................................ Hz
- **Amplitude** ................................................................. mm
- **Centrifugal force** ........................................................ kN
- **Centrifugal force** ......................................................... t

#### Capacities
- **Fuel** ...........................................................

---

**Technical modifications reserved. Machines may be shown with options.**
Fields of application:
BOMAG VARIOCONTROL single drum rollers can be used on a wide range of earthworks and highway construction applications. Compared to conventional single drum rollers, these models provide higher compaction performance, transmit maximum energy on every application, and give optimum results every time on each site. Instant and infinite adjustment of amplitude and compaction energy reduces the tendency for loosening at the surface on gravel, sand and anti-frost layers.
**Weights**
- Grossweight .................................................. kg
- Operating weight CECE w. ROPS-cabin ............ kg
- Axle load, drum CECE ..................................... kg
- Axle load, wheels CECE ................................... kg
- Static linear load CECE .................................... kg/cm

**Dimensions**
- Working width ................................................ mm
- Track radius, inner ......................................... mm

**Driving Characteristics**
- Speed (1) ...................................................... km/h
- Max. gradeability without/with vibr. ............... %

**Drive**
- Engine manufacturer ......................................
- Type ............................................................
- Exhaust gas aftertreatment ..............................
- Cooling .........................................................
- Number of cylinders ......................................
- Performance ISO 3048 ..................................... kW
- Performance SAE J 1995 ............................... hp
- Speed ............................................................ min⁻¹
- Fuel ............................................................... V
- Drive system ...................................................
- Drum driven ..................................................

**Drums and Tyres**
- Tyre size ....................................................... mm

**Brakes**
- Service brake ............................................... hydromec.
- Parking brake ............................................... standard

**Steering**
- Steering system ............................................ oscl.artic.
- Steering method ............................................ hydrost.
- Steering / oscillating angle +/- ....................... grad

**Exciter system**
- Drive system ................................................ hydrost.
- Frequency (1) ............................................... Hz
- Amplitude (1) ............................................... mm
- Centrifugal force .......................................... kN
- Centrifugal force .......................................... t

**Capacities**
- Fuel .............................................................. l

---

**BOMAG**
**BW 177 BVC-5**

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<th>Dimension / Characteristic</th>
<th>Value</th>
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<td>Type</td>
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<td>Stage V / TIER4f</td>
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<tr>
<td>Exhaust gas aftertreatment</td>
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<tr>
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<td>Diesel</td>
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<td>Parking brake</td>
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<tr>
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<tr>
<td>Steering / oscillating angle +/-</td>
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<td>Steering method</td>
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<td>Steering / oscillating angle +/-</td>
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<tr>
<td>Fuel</td>
<td>2,6</td>
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</tbody>
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Technical modifications reserved. Machines may be shown with options.
**SINGLE DRUM ROLLERS**
BW 219 D-5, BW 219 PD-5

**Fields of application:**
Heavy duty compaction work on thick fill materials. D-series models are suitable for the compaction of hydraulically bound materials, sand, gravel, crushed rock, semi-cohesive soil and rock. PD models are ideally suited for use on heavy cohesive soils with high water contents.

**Dimensions in mm**

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>D</th>
<th>H</th>
<th>H2</th>
<th>K</th>
<th>L</th>
<th>O1</th>
<th>O2</th>
<th>S</th>
<th>W</th>
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<td>6500</td>
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<td>85</td>
<td>35</td>
<td>2130</td>
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**Standard Equipment**
- BOMAG ECOMODE
- No-Spin differential lock
- Rear axle with twin spring accumulator brakes
- Hydrostatic travel and vibration drive
- Hydrostatic articulated steering
- Articulated joint lock
- Seat with arm rest and adj. for position and height
- Sliding window
- Battery disconnect switch
- Single lever control for travel and vibration
- Warning, information and operation displays with LCD
- Loading mode
- Emergency STOP
- Working lights front / rear
- Back-up alarm
- Noise insulation
- 2 Scrapers
- Warning horn

**Optional Equipment**
- * ROPS/FOPS cabin with seat belts
  - Sliding window
- Rearview camera
- Air condition
- Radio (Bluetooth)
- Pre start cabin heating
- Comfort package: Adjustable seat and adjustable steering column
- Rotary beacon
- Indicator and hazard lights
- BOMAG ECOSTOP
- ECONOMIZER
- TERRAMETER
- BOMAG TELEMATIC POWER
- BCM 05 Documentation system
- Special painting
- Padfoot segment kit (D)
- Environmentally compliant hydraulic oil
- Measuring- and machine data interface for third-party suppliers
- Reversing alarm buzzer with broad band audio
- LED Working lights (Cabin)
- Highly wear resistant drum (D)

* Standard delivery with CE conformity (valid within European Union)
### TECHNICAL DATA

**Weights**
- Grossweight: kg
- Operating weight CECE w. ROPS-cabin: kg
- Axle load, drum CECE: kg
- Static linear load CECE: kg/cm

**Dimensions**
- Working width: mm
- Track radius, inner: mm

**Driving Characteristics**
- Speed (1): km/h
- Speed (2): km/h
- Speed (3): km/h
- Speed (4): km/h
- Max. gradeability without/with vibr.: %

**Drive**
- Engine manufacturer: Deutz
- Type: TCD 6.1 L6
- Emission stage: Stage V / TIER4f
- Exhaust gas aftertreatment: DOC+DPF+SCR
- Cooling: Liquid
- Number of cylinders: 6
- Maximum power: 150 kW
- Speed: 0-4,0 km/h
- Tyre size: 23.1-26 12PR
- Drive system: hydromec.
- Drum driven: standard

**Drums and Tyres**
- Number of pad feet: 150
- Height of pad feet: mm
- Tyre size: 23.1-26 12TL
- Area of one pad foot: cm²
- Pad foot: 137
- Tyre: 100

**Brakes**
- Service brake: hydromec.
- Parking brake: hydromec.

**Steering**
- Steering system: oscill.artic.
- Steering method: hydromec.
- Steering / oscillating angle: 35/12 grad

**Exciter system**
- Drive system: hydromec.
- Frequency: 26/31 Hz
- Amplitude: 2.10/1.20 mm
- Centrifugal force: 328/266 t

**Capacities**
- Fuel capacity: l
- Water capacity: l
- Fuel capacity: l

Technical modifications reserved. Machines may be shown with options.
**Fields of application:**

Heavy duty compaction work on thick fill materials. D-series models are suitable for the compaction of hydraulically bound materials, sand, gravel, crushed rock, semi-cohesive soil and rock. PD models are ideally suited for use on heavy cohesive soils with high water contents. H series models have high climbing capabilities and powerful torque-drives.

---

**Dimensions in mm**

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>D</th>
<th>H</th>
<th>H2</th>
<th>K</th>
<th>L</th>
<th>O1</th>
<th>O2</th>
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<tbody>
<tr>
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<td>35</td>
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**Standard Equipment**

- BOMAG ECOMODE
- Double pump system for travel drive
- No-Spin differential lock
- Rear axle with twin spring accumulator brakes
- Hydrostatic travel and vibration drive
- Hydrostatic articulated steering
- Articulated joint lock
- Seat with arm rest and adj. for position and height
- Sliding window
- Battery disconnect switch
- Single lever control for travel and vibration
- Loading mode
- Emergency STOP
- Working lights front / rear
- Back-up alarm
- Noise insulation
- 2 Scrapers
- Warning horn
- Tractor tires (PDH)

**Optional Equipment**

- Rock tyre
- Highly wear resistant drum (DH)
- LED Working lights (Cabin)
- third-party suppliers
- Measuring- and machine data interface for third-party suppliers
- Environmentally compliant hydraulic oil
- Padfoot segment kit (DH)
- Special painting
- BOMAG TELEMATIC POWER
- BCM 05 Documentation system
- Special painting
- ROPS/FOPS cabin with seat belts
- Sliding window
- Rearview camera
- Air condition
- Radio (Bluetooth)
- Pre start cabin heating
- Comfort package: Adjustable seat and adjustable steering column
- Rotary beacon
- Indicator and hazard lights
- BOMAG ECOSTOP
- ECONOMIZER
- TERRAMETER
- BOMAG TELEMATIC POWER
- TERRAMETER
- Indicator and hazard lights
- Rotary beacon
- Comfort package: Adjustable seat and adjustable steering column
- Pre start cabin heating
- Air condition
- Radio (Bluetooth)
- Rearview camera
- Sliding window

* Standard delivery with CE conformity (valid within European Union)
**TECHNICAL DATA**

### Weights
- Gross weight .................................................. kg
- Operating weight CECE w. ROPS-cabin .................. kg
- Axle load, drum CECE ....................................... kg
- Axle load, wheels CECE ..................................... kg
- Static linear load CECE ...................................... kg/cm

### Dimensions
- Working width ............................................... mm
- Track radius, inner .......................................... mm

### Driving Characteristics
- Speed ........................................................... km/h
- Max. gradeability without/with vib. ...................... %

### Drive
- Engine manufacturer ...........................................
- Type ..............................................................
- Emission stage ................................................
- Exhaust gas aftertreatment .................................
- Cooling ...........................................................
- Number of cylinders ........................................ k
- Performance ISO 3046 ....................................... kW
- Performance SAE J 1995 .................................... hp
- Speed ............................................................ min-1
- Fuel ..............................................................
- Electric equipment .......................................... V
- Drive system ...................................................
- Drum driven ..................................................

### Drums and Tyres
- Number of pad feet ........................................
- Area of one pad foot ........................................ cm
- Height of pad feet .......................................... mm
- Tyre size ......................................................

### Brakes
- Service brake ................................................
- Parking brake ................................................

### Steering
- Steering system ..............................................
- Steering method .............................................
- Steering / oscillating angle +/- ......................... grad

### Exciter system
- Drive system ................................................
- Frequency .................................................... Hz
- Amplitude .................................................... mm
- Centrifugal force .......................................... kN
- Centrifugal force .......................................... t

### Capacities
- Fuel ............................................................ l

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Technical modifications reserved. Machines may be shown with options.
**SINGLE DRUM ROLLERS**  
**BW 226 DH-5, BW 226 PDH-5**

**Fields of application:**
Heavy duty compaction work on thick fill materials. D-series models are suitable for the compaction of hydraulically bound materials, sand, gravel, crushed rock, semi-cohesive soil and rock. PD models are ideally suited for use on heavy cohesive soils with high water contents. H series models have high climbing capabilities and powerful torque-drives.

**Standard Equipment**
- BOMAG ECOMODE
- Double pump system for travel drive
- No-Spin differential lock
- Rear axle with twin spring accumulator brakes
- Hydrostatic travel and vibration drive
- Hydrostatic articulated steering
- Articulated joint lock
- Seat with arm rest and adj. for position and height
- Sliding window
- Battery disconnect switch
- Single lever control for travel and vibration
- Warning, information and operation displays with LCD
- Loading mode
- Emergency STOP
- Working lights front / rear
- Back-up alarm
- Noise insulation
- 2 Scrapers
- Warning horn
- Tractor tires (PDH)

**Optional Equipment**
- * ROPS/FOPS cabin with seat belts
- Sliding window
- Rearview camera
- Air condition
- Radio (Bluetooth)
- Pre start cabin heating
- Comfort package: Adjustable seat and adjustable steering column
- Rotary beacon
- Indicator and hazard lights
- BOMAG ECOSTOP
- ECONOMIZER
- TERRAMETER
- BOMAG TELEMATIC POWER
- BCM 05 Documentation system
- Special painting
- Padfoot segment kit (DH)
- Environmentally compliant hydraulic oil
- Measuring- and machine data interface for third-party suppliers
- Reversing alarm buzzer with broad band audio
- LED Working lights (Cabin)
- Highly wear resistant drum (DH)
- Rock tyre

* Standard delivery with CE conformity (valid within European Union)
## TECHNICAL DATA

### Weights
- Grossweight: kg
- Operating weight CECE w. ROPS-cabin: kg
- Axle load, drum CECE: kg
- Axle load, wheels CECE: kg
- Static linear load CECE: kg/cm

### Dimensions
- Working width: mm
- Track radius, inner: mm

### Driving Characteristics
- Speed: km/h
- Max. gradeability without/with vibr.: %

### Drive
- Engine manufacturer
- Type
- Emission stage
- Exhaust gas aftertreatment
- Number of cylinders
- Performance ISO 3046
- Performance SAE J 1995
- Speed: min-1
- Fuel
- Electric equipment: V
- Drive system
- Drum driven

### Drums and Tyres
- Number of pad feet
- Area of one pad foot: cm²
- Height of pad feet: mm
- Tyre size

### Brakes
- Service brake
- Parking brake

### Steering
- Steering system
- Steering method
- Steering / oscillating angle +/-: grad

### Exciter system
- Drive system
- Frequency: Hz
- Amplitude: mm
- Centrifugal force: N
- Centrifugal force: t

### Capacities
- Fuel: l

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<tr>
<th>BOMAG BW 226 DH-5</th>
<th>BOMAG BW 226 PDH-5</th>
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</tbody>
</table>

Technical modifications reserved. Machines may be shown with options.
SINGLE DRUM ROLLER
BW 219 BVC-5

Dimensions in mm

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>D</th>
<th>H</th>
<th>H2</th>
<th>K</th>
<th>L</th>
<th>O1</th>
<th>O2</th>
<th>S</th>
<th>W</th>
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<tbody>
<tr>
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<td>2300</td>
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<td>2300</td>
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<td>495</td>
<td>6500</td>
<td>85</td>
<td>85</td>
<td>40</td>
<td>2130</td>
</tr>
</tbody>
</table>

Shipping dimensions in m³ without ROPS with ROPS

BW 219 BVC-5
34,385 45,448

Machine type Compaction output (m³/h)

<table>
<thead>
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<th></th>
<th>Rock fill</th>
<th>Gravel, sand</th>
<th>Mixed soil</th>
<th>Silt, clay</th>
</tr>
</thead>
<tbody>
<tr>
<td>BW 219 BVC-5</td>
<td>940-1880</td>
<td>800-1520</td>
<td>580-980</td>
<td>310-590</td>
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</table>

Machine type Compacted layer thickness (m)

<table>
<thead>
<tr>
<th></th>
<th>Rock fill</th>
<th>Gravel, sand</th>
<th>Mixed soil</th>
<th>Silt, clay</th>
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<tr>
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<td>1.70</td>
<td>1.20</td>
<td>0.85</td>
<td>0.40</td>
</tr>
</tbody>
</table>

Fields of application:
BOMAG VARIOCONTROL single drum rollers can be used on a wide range of earthworks and highway construction applications. Compared to conventional single drum rollers, these models provide higher compaction performance, transmit maximum energy on every application, and give optimum results every time on each site. Instant and infinite adjustment of amplitude and compaction energy reduces the tendency for loosening at the surface on gravel, sand and anti-frost layers.

Standard Equipment
- BOMAG ECOMODE
- BOMAG VARIOCONTROL
- TERRAMETER
- Oscillation mode
- Warning, information and operation displays with LCD
- Noise insulation
- Hydrostatic travel and vibration drive
- Hydrostatic articulated steering
- Articulated joint lock
- Rear axle with twin spring accumulator brakes
- No-Spin differential lock
- Warning horn
- Single lever control for travel and vibration
- Seat with arm rest and adj. for position and height
- 2 Scrapers
- Emergency STOP
- Back-up alarm
- Working lights front / rear
- Double pump system for travel drive
- Loading mode
- Sliding window
- Battery disconnect switch
- BOMAG TELEMATIC POWER

Optional Equipment
- * ROPS/FOPS cabin with seat belts
  - Sliding window
- Air condition
- Rearview camera
- BOMAG ECOSTOP
- Padfoot segment kit
- Radio (Bluetooth)
- Indicator and hazard lights
- BCM 05 Documentation system
- Special painting
- Rotary beacon
- Pre start cabin heating
- Environmentally compliant hydraulic oil
- Comfort package: Adjustable seat and adjustable steering column
- Measuring- and machine data interface for third-party suppliers
- Reversing alarm buzzer with broad band audio
- LED Working lights (Cabin)
- Highly wear resistant drum
- Rock tyre

* Standard delivery with CE conformity (valid within European Union)
### Technical Data

#### Weights
- Grossweight: kg
- Operating weight CECE w. ROPS-cabin: kg
- Axle load, drum CECE: kg
- Axle load, wheels CECE: kg
- Static linear load CECE: kg/cm

#### Dimensions
- Working width: mm
- Track radius, inner: mm

#### Driving Characteristics
- Speed: km/h
- Max. gradeability without/with vibr.: %

#### Drive
- Engine manufacturer:
- Type:
- Emission stage:
- Coolant:
- Number of cylinders:
- Performance ISO 3046:
- Performance SAE J 1995:
- Speed:
- Fuel:
- Electric equipment:
- Drive system:
- Drum driven:

#### Drums and Tyres
- Tyre size:

#### Brakes
- Service brake:
- Parking brake:

#### Steering
- Steering system:
- Steering method:
- Steering / oscillating angle +/−:

#### Exciter system
- Drive system:
- Frequency:
- Amplitude (1):
- Centrifugal force:
- Centrifugal force:

#### Capacities
- Fuel:
- BOMAG
  - BW 219 BVC-5
    - 2090
    - 2090
    - 13500
    - 6800
    - 63,4
    - 2130
    - 4120
    - 0-10,0
    - 59/56
    - Deutz
      - TCD 6.1 L6
        - Stage V / TIER4f
        - DOC+DPF+SCR
        - Liquid
        - 6
        - 150,0
        - 202,0
        - 2300
        - Diesel
        - 12
        - hydrost.
          - standard
        - 23,1-26 12PR
    - Air
      - hydrost.
      - hydromec.
    - Air
      - hydrost.
      - 26
      - 0-2,70
      - 500
      - 51,0
      - 280,0

Technical modifications reserved. Machines may be shown with options.
**SINGLE DRUM ROLLER**  
**BW 226 BVC-5**

**Fields of application:**  
BOMAG VARIOCONTROL single drum rollers can be used on a wide range of earthworks and highway construction applications. Compared to conventional single drum rollers, these models provide higher compaction performance, transmit maximum energy on every application, and give optimum results every time on each site. Instant and infinite adjustment of amplitude and compaction energy reduces the tendency for loosening at the surface on gravel, sand and anti-frost layers.

**Dimensions in mm**

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>D</th>
<th>H</th>
<th>H2</th>
<th>K</th>
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<td>185</td>
<td>185</td>
<td>40</td>
<td>2130</td>
</tr>
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</table>

**Standard Equipment**
- BOMAG ECOMODE
- BOMAG VARIOCONTROL
- TERRAMETER
- Oscillation mode
- Warning, information and operation displays with LCD
- Noise insulation
- Hydrostatic travel and vibration drive
- Hydrostatic articulated steering
- Articulated joint lock
- Rear axle with twin spring accumulator brakes
- No-Spin differential lock
- Warning horn
- Single lever control for travel and vibration
- Seat with arm rest and adj. for position and height
- 2 Scrapers
- Emergency STOP
- Back-up alarm
- Working lights front / rear
- Double pump system for travel drive
- Loading mode
- Battery disconnect switch
- BOMAG TELEMATIC POWER

**Optional Equipment**
- * ROPS/FOPS cabin with seat belts
  - Sliding window
- Air condition
- Rearview camera
- BOMAG ECOSTOP
- Padfoot segment kit
- Radio (Bluetooth)
- Indicator and hazard lights
- BCM 05 Documentation system
- Special painting
- Rotary beacon
- Pre start cabin heating
- Environmentally compliant hydraulic oil
- Comfort package: Adjustable seat and adjustable steering column
- Measuring- and machine data interface for third-party suppliers
- Reversing alarm buzzer with broad band audio
- LED Working lights (Cabin)
- Highly wear resistant drum
- Rock tyre

* Standard delivery with CE conformity (valid within European Union)
## TECHNICAL DATA

### Weights
- Grossweight .............................................. kg
- Operating weight CECE w. ROPS-cabin .......... kg
- Axle load, drum CECE .................................. kg
- Axle load, wheels CECE ................................. kg
- Static linear load CECE .................................. kg/cm

### Dimensions
- Working width .............................................. mm
- Track radius, inner ........................................ mm

### Driving Characteristics
- Speed ......................................................... km/h
- Max. gradeability without/with vibr. .............. %

### Drive
- Engine manufacturer ......................................
- Type ............................................................
- Exhaust gas aftertreatment ..............................
- Cooling ........................................................
- Number of cylinders ...................................... kW
- Performance ISO 3046 ..................................... hp
- Speed ......................................................... min⁻¹
- Fuel .............................................................
- Electric equipment ....................................... V
- Drive system ................................................
- Drum driven ................................................

### Drums and Tyres
- Tyre size .....................................................

### Brakes
- Service brake ..............................................
- Parking brake .............................................

### Steering
- Steering system ...........................................
- Steering method .........................................
- Steering / oscillating angle +/− ....................... grad

### Exciter system
- Frequency ................................................... Hz
- Amplitude (1) .............................................. mm
- Centrifugal force ......................................... kN
- Centrifugal force ......................................... t

### Vario system
- Drive system ..............................................

### Capacities
- Fuel ........................................................... l

---

### BOMAG
**BW 226 BVC-5**

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Deutz
- TCD 6.1 L6
- Stage V / TIER4f
- DOC+DPF+SCR
- Liquid
- 6
- 150.0
- 202.0
- 2.300
- Diesel
- 12
- hydromec.

- Standard

23.5-25 16PR

- hydromec.

- hydromec.

35/12

26

0 - 2.70

500

51.0

0.136

Water ....................................................... l

Amplitude ....................................................

Centrifugal force ...........................................

Frequency .....................................................

Exciter system .............................................

Vario system .............................................

Capacities .................................................

280.0

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Technical modifications reserved. Machines may be shown with options.
**SINGLE DRUM ROLLER**

**BW 226 DI-5**

**Fields of application:**

Polygon drum

For in-depth compaction of mixed particle and cohesive soils, distributed in thick layers.

**Dimensions in mm**

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>D</th>
<th>H</th>
<th>H2</th>
<th>K</th>
<th>L</th>
<th>O1</th>
<th>O2</th>
<th>S</th>
<th>W</th>
</tr>
</thead>
<tbody>
<tr>
<td>BW 226 DI-5</td>
<td>3360</td>
<td>2500</td>
<td>1750</td>
<td>2340</td>
<td>3080</td>
<td>430</td>
<td>6750</td>
<td>185</td>
<td>185</td>
<td>35</td>
<td>2130</td>
</tr>
</tbody>
</table>

**Standard Equipment**

- BOMAG ECOMODE
- BOMAG VARIOCONTROL
- TERRAMETER
- Warning, information and operation displays with LCD
- Noise insulation
- Hydrostatic travel and vibration drive
- Hydrostatic articulated steering
- Articulated joint lock
- Rear axle with twin spring accumulator brakes
- No-Spin differential lock
- Warning horn
- Single lever control for travel and vibration
- Seat with arm rest and adj. for position and height
- Emergency STOP
- Back-up alarm
- Working lights front / rear
- Double pump system for travel drive
- Loading mode
- Battery disconnect switch
- BOMAG TELEMATIC POWER

**Optional Equipment**

- * ROPS/FOPS cabin with seat belts
  - Sliding window
- Air condition
- Rearview camera
- BOMAG ECOSTOP
- Padfoot segment kit
- Radio (Bluetooth)
- Indicator and hazard lights
- BCM 05 Documentation system
- Special painting
- Rotary beacon
- Pre start cabin heating
- Environmentally compliant hydraulic oil
- Comfort package: Adjustable seat and adjustable steering column
- Measuring- and machine data interface for third-party suppliers
- Reversing alarm buzzer with broad band audio
- LED Working lights (Cabin)

* Standard delivery with CE conformity (valid within European Union)
**TECHNICAL DATA**

**Weights**
- Grossweight .................................................. kg
- Operating weight CECE w. ROPS-cabin .............. kg
- Axle load, drum CECE ..................................... kg
- Axle load, wheels CECE ................................. kg

**Dimensions**
- Working width ............................................. mm
- Track radius, inner ....................................... mm

**Driving Characteristics**
- Speed ......................................................... km/h
- Max. gradeability without/with vibr. ................... %

**Drive**
- Engine manufacturer ........................................
- Type ..............................................................
- Emission stage ..............................................
- Exhaust gas aftertreatment ..............................
- Cooling ...........................................................
- Number of cylinders .......................................
- Performance ISO 3046 .................................... kW
- Performance SAE J 1995 ................................. hp
- Speed ......................................................... min-1
- Fuel ..............................................................
- Electric equipment ........................................ V
- Drive system ................................................
- Drum driven ................................................

**Drums and Tyres**
- Tyre size ......................................................

**Brakes**
- Service brake ............................................... 
- Parking brake ............................................... 

**Steering**
- Steering system .............................................
- Steering method ............................................
- Steering / oscillating angle +/- ......................... grad

**Exciter system**
- Frequency .................................................... Hz
- Amplitude (1) .............................................. mm
- Centrifugal force ........................................ kN
- Centrifugal force .......................................... t

**Vario system**
- Drive system ............................................... 

**Capacities**
- Fuel ............................................................ l

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Technical modifications reserved. Machines may be shown with options.
**SINGLE DRUM ROLLER**

**BW 226 RC-5**

**Fields of application:**
Rock crushing drum
For crushing and compacting soft to medium hard consolidated rocks.

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**Standard Equipment**
- BOMAG ECOMODE
- BOMAG VARIOCONTROL
- TERRAMETER
- Warning, information and operation displays with LCD
- Noise insulation
- Hydrostatic travel and vibration drive
- Hydrostatic articulated steering
- Articulated joint lock
- Rear axle with twin spring accumulator brakes
- No-Spin differential lock
- Warning horn
- Single lever control for travel and vibration
- Seat with arm rest and adj. for position and height
- 2 Scrapers
- Emergency STOP
- Back-up alarm
- Working lights front / rear
- Double pump system for travel drive
- Rock tyre
- Loading mode
- Battery disconnect switch
- BOMAG TELEMATIC POWER

**Optional Equipment**
- * ROPS/FOPS cabin with seat belts
  - Sliding window
- Air condition
- Rearview camera
- BOMAG ECOSTOP
- Padfoot segment kit
- Radio (Bluetooth)
- Indicator and hazard lights
- BCM 05 Documentation system
- Special painting
- Rotary beacon
- Pre start cabin heating
- Environmentally compliant hydraulic oil
- Comfort package: Adjustable seat and adjustable steering column
- Measuring- and machine data interface for third-party suppliers
- Reversing alarm buzzer with broad band audio
- LED Working lights (Cabin)

* Standard delivery with CE conformity (valid within European Union)

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**Dimensions in mm**

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>D</th>
<th>H</th>
<th>H2</th>
<th>K</th>
<th>L</th>
<th>O1</th>
<th>O2</th>
<th>S</th>
<th>W</th>
</tr>
</thead>
<tbody>
<tr>
<td>BW 226 RC-5</td>
<td>3320</td>
<td>2500</td>
<td>1480</td>
<td>2450</td>
<td>3200</td>
<td>530</td>
<td>6750</td>
<td>185</td>
<td>185</td>
<td>25</td>
<td>2130</td>
</tr>
</tbody>
</table>
### TECHNICAL DATA

**Weights**
- Grossweight .................................................. kg
- Operating weight CECE w. ROPS-cabin .................. kg
- Axle load, drum CECE ......................................... kg
- Axle load, wheels CECE ....................................... kg

**Dimensions**
- Working width .................................................. mm
- Track radius, inner ............................................. mm

**Driving Characteristics**
- Speed ....................................................... km/h
- Max. gradeability without/with vibr. ................... %

**Drive**
- Engine manufacturer ........................................
- Type ............................................................
- Emission stage .................................................
- Exhaust gas aftertreatment .................................
- Cooling ..........................................................
- Number of cylinders ........................................
- Performance ISO 3046 ..................................... kW
- Performance SAE J 1995 .................................... hp
- Speed .......................................................... min⁻¹
- Fuel ..............................................................
- Electric equipment .......................................... V
- Drive system ..................................................
- Drum driven ..................................................

**Drums and Tyres**
- Tyre size ......................................................

**Brakes**
- Service brake ................................................
- Parking brake ................................................

**Steering**
- Steering system .............................................
- Steering method .............................................
- Steering / oscillating angle +/- ......................... grad

**Exciter system**
- Frequency .................................................... Hz
- Amplitude (1) ............................................... mm
- Centrifugal force .......................................... kN
- Centrifugal force .......................................... t

**Vario system**
- Drive system ................................................

**Capacities**
- Fuel ........................................................... l

---

**BOMAG**
**BW 226 RC-5**

<table>
<thead>
<tr>
<th></th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grossweight</td>
<td>27,910 kg</td>
</tr>
<tr>
<td>Operating weight</td>
<td>26,300 kg</td>
</tr>
<tr>
<td>Axle load, drum</td>
<td>19,000 kg</td>
</tr>
<tr>
<td>Axle load, wheels</td>
<td>7,300 kg</td>
</tr>
<tr>
<td>Working width</td>
<td>2.130 mm</td>
</tr>
<tr>
<td>Track radius, inner</td>
<td>4.180 mm</td>
</tr>
<tr>
<td>Speed</td>
<td>0- 9.0 km/h</td>
</tr>
<tr>
<td>Max. gradeability</td>
<td>42/37 %</td>
</tr>
<tr>
<td>Drive system</td>
<td>Deutz</td>
</tr>
<tr>
<td>Type</td>
<td>TCD 6.1 L6</td>
</tr>
<tr>
<td>Emission stage</td>
<td>Stage V / TIER4f</td>
</tr>
<tr>
<td>Exhaust gas aftertreatment</td>
<td>DOC+DPF+SCR</td>
</tr>
<tr>
<td>Cooling</td>
<td>Liquid</td>
</tr>
<tr>
<td>Number of cylinders</td>
<td>6</td>
</tr>
<tr>
<td>Performance ISO 3046</td>
<td>150.0 kW</td>
</tr>
<tr>
<td>Performance SAE J 1995</td>
<td>202.0 hp</td>
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<tr>
<td>Speed</td>
<td>2.300 min⁻¹</td>
</tr>
<tr>
<td>Fuel</td>
<td>Diesel</td>
</tr>
<tr>
<td>Electric equipment</td>
<td>12 V</td>
</tr>
<tr>
<td>Drive system</td>
<td>hydromec.</td>
</tr>
<tr>
<td>Drum driven</td>
<td>26.5-25 28PR</td>
</tr>
<tr>
<td>Brakes</td>
<td>hydrost.</td>
</tr>
<tr>
<td>Service brake</td>
<td>hydromec.</td>
</tr>
<tr>
<td>Parking brake</td>
<td></td>
</tr>
<tr>
<td>Steering method</td>
<td>oscil.artic.</td>
</tr>
<tr>
<td>Steering / oscillating</td>
<td>35/12 grad</td>
</tr>
<tr>
<td>Amplitude (1)</td>
<td>26 mm</td>
</tr>
<tr>
<td>Centrifugal force</td>
<td>0 - 2,30 kN</td>
</tr>
<tr>
<td>Centrifugal force</td>
<td>500 t</td>
</tr>
<tr>
<td>Vario system</td>
<td>hydromec.</td>
</tr>
<tr>
<td>Drive system</td>
<td></td>
</tr>
<tr>
<td>Fuel</td>
<td>280,0 l</td>
</tr>
</tbody>
</table>

Technical modifications reserved. Machines may be shown with options.
**SINGLE DRUM ROLLERS**
BW 211 D-5, BW 211 PD-5 - Tier 4

**Fields of application:**
Heavy duty compaction work on thick fill materials. D-series models are suited to the compaction of hydraulically bound material, sand, gravel, crushed rock, semi-cohesive soil and rockfill. PD models are well suited to heavy cohesive soils with high water contents.

<table>
<thead>
<tr>
<th>Machine type</th>
<th>Compacted layer thickness (m)</th>
<th>Machine type</th>
<th>Compaction output (m³/h)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BW 211 PD-5</td>
<td></td>
<td>BW 211 D-5</td>
<td></td>
</tr>
<tr>
<td>BW 211 D-5</td>
<td></td>
<td>BW 211 PD-5</td>
<td></td>
</tr>
</tbody>
</table>

**Dimensions in mm**

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>D</th>
<th>H</th>
<th>H2</th>
<th>K</th>
<th>L</th>
<th>O1</th>
<th>O2</th>
<th>S</th>
<th>W</th>
</tr>
</thead>
<tbody>
<tr>
<td>BW 211 D-5</td>
<td>2975</td>
<td>2270</td>
<td>1500</td>
<td>2260</td>
<td>2990</td>
<td>490</td>
<td>5870</td>
<td>70</td>
<td>70</td>
<td>25</td>
<td>2130</td>
</tr>
<tr>
<td>BW 211 PD-5</td>
<td>2975</td>
<td>2270</td>
<td>1480</td>
<td>2260</td>
<td>2990</td>
<td>490</td>
<td>5870</td>
<td>70</td>
<td>70</td>
<td>25</td>
<td>2130</td>
</tr>
</tbody>
</table>

**Standard Equipment**
- BOMAG ECOMODE
- No-Spin differential lock
- Rear axle with twin spring accumulator brakes
- Hydrostatic travel and vibration drive
- Hydrostatic articulated steering
- Articulated joint lock
- Seat with arm rest and adj. for position and height
- Sliding window
- Battery disconnect switch
- Single lever control for travel and vibration
- Warning, information and operation displays with LCD
- Loading mode
- Emergency STOP
- Working lights front / rear
- Back-up alarm
- Noise insulation
- 2 Scrapers
- Warning horn

**Optional Equipment**
- * ROPS/FOPS cabin with seat belts
  - Sliding window
- ROPS/FOPS with safety belt
- Rearview camera
- Air condition
- Radio (Bluetooth)
- Pre start cabin heating
- Comfort package: Adjustable seat and adjustable steering column
- Rotary beacon
- Indicator and hazard lights
- BOMAG ECOSTOP
- ECONOMIZER
- TERRAMETER
- BOMAG TELEOMATIC POWER
- BCM 05 Documentation system
- Special painting
- Padfoot segment kit (D)
- Environmentally compliant hydraulic oil
- Measuring- and machine data interface for third-party suppliers
- LED Working lights (Cabin)
- Reversing alarm buzzer with broad band audio

* Standard delivery with CE conformity (valid within European Union)
## TECHNICAL DATA

### Weights

<table>
<thead>
<tr>
<th></th>
<th>BW 211 D-5</th>
<th>BW 211 PD-5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grossweight</td>
<td>12.890</td>
<td>12.750</td>
</tr>
<tr>
<td>Operating weight CECE w. ROPS-cabin</td>
<td>10.600</td>
<td>12.100</td>
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<tr>
<td>Axle load, drum CECE</td>
<td>5.670</td>
<td>7.170</td>
</tr>
<tr>
<td>Axle load, wheels CECE</td>
<td>4.930</td>
<td>4.930</td>
</tr>
<tr>
<td>Static linear load CECE</td>
<td>26.6</td>
<td></td>
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### Dimensions

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
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</thead>
<tbody>
<tr>
<td>Working width</td>
<td>2.130</td>
<td>2.130</td>
</tr>
<tr>
<td>Track radius, inner</td>
<td>3.680</td>
<td>3.680</td>
</tr>
</tbody>
</table>

### Driving Characteristics

<table>
<thead>
<tr>
<th></th>
<th>BW 211 D-5</th>
<th>BW 211 PD-5</th>
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</thead>
<tbody>
<tr>
<td>Speed (1)</td>
<td>0-5,0</td>
<td>0-5,0</td>
</tr>
<tr>
<td>Speed (2)</td>
<td>0-6,0</td>
<td>0-6,0</td>
</tr>
<tr>
<td>Speed (3)</td>
<td>0-8,0</td>
<td>0-8,0</td>
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<tr>
<td>Speed (4)</td>
<td>0-11,0</td>
<td>0-11,0</td>
</tr>
<tr>
<td>Max. gradeability without/vibr.</td>
<td>51/48</td>
<td>54/51</td>
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### Drive

<p>| | | |</p>
<table>
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<tr>
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<tbody>
<tr>
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<td>Deutz</td>
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<tr>
<td>Type</td>
<td>TCD 3.6 L4</td>
<td>TCD 3.6 L4</td>
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<tr>
<td>Emission stage</td>
<td>Stage IV / TIER4f</td>
<td>Stage IV / TIER4f</td>
</tr>
<tr>
<td>Exhaust gas aftertreatment</td>
<td>Liquid</td>
<td>Liquid</td>
</tr>
<tr>
<td>Cooling</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Number of cylinders</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Performance ISO 3046</td>
<td>95,0</td>
<td>95,0</td>
</tr>
<tr>
<td>Performance SAE J 1995</td>
<td>128,0</td>
<td>128,0</td>
</tr>
<tr>
<td>Speed</td>
<td>2,000</td>
<td>2,000</td>
</tr>
<tr>
<td>Fuel</td>
<td>Diesel</td>
<td>Diesel</td>
</tr>
<tr>
<td>Electric equipment</td>
<td>12</td>
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<tr>
<td>Drive system</td>
<td>hydromec.</td>
<td>hydromec.</td>
</tr>
<tr>
<td>Drum driven</td>
<td></td>
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</table>

### Drums and Tyres

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of pad feet</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Area of one pad foot</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Height of pad feet</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tyre size</td>
<td>23.1-26 12PR</td>
<td>23.1-26 12PR</td>
</tr>
</tbody>
</table>

### Brakes

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>Service brake</td>
<td>hydromec.</td>
<td>hydromec.</td>
</tr>
<tr>
<td>Parking brake</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Steering

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Steering system</td>
<td>oscil.artic.</td>
<td>oscil.artic.</td>
</tr>
<tr>
<td>Steering method</td>
<td>hydromec.</td>
<td>hydromec.</td>
</tr>
<tr>
<td>Steering / oscillating angle +/-</td>
<td>35/12</td>
<td>35/12</td>
</tr>
</tbody>
</table>

### Exciter system

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
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</thead>
<tbody>
<tr>
<td>Drive system</td>
<td>hydromec.</td>
<td>hydromec.</td>
</tr>
<tr>
<td>Frequency</td>
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<td>30/34</td>
</tr>
<tr>
<td>Amplitude</td>
<td>1,95/1,00</td>
<td>1,70/0,90</td>
</tr>
<tr>
<td>Centrifugal force</td>
<td>240/158</td>
<td>285/194</td>
</tr>
<tr>
<td>Centrifugal force</td>
<td>24,5/16,1</td>
<td>29,1/19,8</td>
</tr>
</tbody>
</table>

### Capacities

<p>| | | |</p>
<table>
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<tr>
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<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Fuel</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>220,0</td>
<td>220,0</td>
</tr>
</tbody>
</table>

Technical modifications reserved. Machines may be shown with options.
SINGLE DRUM ROLLERS
BW 211 DH-5, BW 211 PDH-5 - Tier 4

Fields of application:
For medium to heavy duty compaction work. D-series models are suited to the compaction of hydraulically bound material, sand, gravel, crushed rock, semi-cohesive soil and rockfill. PD models are well suited to heavy cohesive soils with high water contents. H series models have high climbing capabilities and powerful torque-drives.

Dimensions in mm

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>D</th>
<th>H</th>
<th>H2</th>
<th>K</th>
<th>L</th>
<th>O1</th>
<th>O2</th>
<th>S</th>
<th>W</th>
</tr>
</thead>
<tbody>
<tr>
<td>BW 211 DH-5</td>
<td>2975</td>
<td>2270</td>
<td>1500</td>
<td>2260</td>
<td>2990</td>
<td>490</td>
<td>5870</td>
<td>70</td>
<td>70</td>
<td>25</td>
<td>2130</td>
</tr>
<tr>
<td>BW 211 PDH-5</td>
<td>2975</td>
<td>2270</td>
<td>1480</td>
<td>2260</td>
<td>2990</td>
<td>490</td>
<td>5870</td>
<td>70</td>
<td>70</td>
<td>25</td>
<td>2130</td>
</tr>
</tbody>
</table>

Standard Equipment
- BOMAG ECOMODE
- Double pump system for travel drive
- No-Spin differential lock
- Rear axle with twin spring accumulator brakes
- Hydrostatic travel and vibration drive
- Hydrostatic articulated steering
- Articulated joint lock
- Seat with arm rest and adj. for position and height
- Sliding window
- Battery disconnect switch
- Single lever control for travel and vibration
- Warning, information and operation displays with LCD
- Loading mode
- Emergency STOP
- Working lights front / rear
- Back-up alarm
- Noise insulation
- 2 Scrapers
- Warning horn
- Tractor tires (PDH)

Optional Equipment
- * ROPS/FOPS cabin with seat belts
  - Sliding window
- ROPS/FOPS with safety belt
- Rearview camera
- Air condition
- Radio (Bluetooth)
- Pre start cabin heating
- Comfort package: Adjustable seat and adjustable steering column
- Rotary beacon
- Indicator and hazard lights
- BOMAG ECOSTOP
- ECONOMIZER
- TERRAMETER
- BOMAG TELEMATIC POWER
- BCM 05 Documentation system
- Special painting
- Padfoot segment kit (DH)
- Environmentally compliant hydraulic oil
- Measuring- and machine data interface for third-party suppliers
- Blade
- LED Working lights (Cabin)
- Reversing alarm buzzer with broad band audio

* Standard delivery with CE conformity (valid within European Union)
### TECHNICAL DATA

#### Weights
- Grossweight: \[ \text{kg} \]
- Operating weight CECE w. ROPS-cabin: \[ \text{kg} \]
- Axle load, drum CECE: \[ \text{kg} \]
- Axle load, wheels CECE: \[ \text{kg} \]
- Static linear load CECE: \[ \text{kg/cm} \]

#### Dimensions
- Working width: \[ \text{mm} \]
- Track radius, inner: \[ \text{mm} \]

#### Driving Characteristics
- Speed: \[ \text{km/h} \]
- Max. gradeability without/with vibr.: \[ \% \]

#### Drive
- Engine manufacturer:
- Type:
- Emission stage:
- Exhaust gas aftertreatment:
- Cooling:
- Number of cylinders:
- Performance ISO 3046:
- Performance SAE J 1996:
- Speed:
- Fuel:
- Electric equipment:
- Drive system:
- Drum driven:

#### Drums and Tyres
- Number of pad feet:
- Area of one pad foot:
- Height of pad feet:
- Tyre size:

#### Brakes
- Service brake:
- Parking brake:

#### Steering
- Steering system:
- Steering method:
- Steering / oscillating angle +/−:

#### Exciter system
- Drive system:
- Frequency:
- Amplitude:
- Centrifugal force:

#### Capacities
- Fuel:

---

Technical modifications reserved. Machines may be shown with options.
**SINGLE DRUM ROLLERS**

BW 212 D-5, BW 212 DH-5, BW 212 PD-5 - Tier 4

---

### Fields of application:
For medium to heavy duty compaction work. D-series models are suited to the compaction of hydraulically bound material, sand, gravel, crushed rock, semi-cohesive soil and rockfill. PD models are well suited to heavy cohesive soils with high water contents. H series models have high climbing capabilities and powerful torque-drives.

---

### Dimensions in mm

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>D</th>
<th>H</th>
<th>H2</th>
<th>K</th>
<th>L</th>
<th>O1</th>
<th>O2</th>
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<tbody>
<tr>
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<td>BW 212 PD-5</td>
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<td>5870</td>
<td>70</td>
<td>70</td>
<td>25</td>
<td>2130</td>
</tr>
</tbody>
</table>

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**Standard Equipment**
- BOMAG ECOMODE
- Warning, information and operation displays with LCD
- Noise insulation
- Hydrostatic travel and vibration drive
- Hydrostatic articulated steering
- Articulated joint lock
- Rear axle with twin spring accumulator brakes
- No-Spin differential lock
- Warning horn
- Single lever control for travel and vibration
- Seat with arm rest and adj. for position and height
- 2 Scrapers
- Emergency STOP
- Back-up alarm
- Working lights front / rear
- Double pump system for travel drive (DH/PD)
- Tractor tires (PD)
- Loading mode
- Sliding window
- Battery disconnect switch

**Optional Equipment**
- * ROPS/FOPS cabin with seat belts
- Sliding window
- ROPS/FOPS with safety belt
- Air condition
- Rearview camera
- ECONOMIZER
- TERRAMETER
- BOMAG ECOSTOP
- BOMAG TELEMATIC POWER
- Padfoot segment kit (D/DH)
- Radio (Bluetooth)
- Indicator and hazard lights
- BCM 05 Documentation system
- Special painting
- Rotary beacon
- Pre start cabin heating
- Environmentally compliant hydraulic oil
- Comfort package: Adjustable seat and adjustable steering column
- Measuring- and machine data interface for third-party suppliers
- LED Working lights (Cabin)
- Reversing alarm buzzer with broad band audio

* Standard delivery with CE conformity (valid within European Union)
## TECHNICAL DATA

### Weights
- Grossweight: 13.700 kg
- Operating weight CECE w. ROPS-cabin: 11.450 kg
- Axle load, drum CECE: 6.510 kg
- Axle load, wheels CECE: 4.940 kg
- Static linear load CECE: 30.6 kg/cm

### Dimensions
- Working width: 2.130 mm
- Track radius, inner: 3.680 mm

### Driving Characteristics
- Speed (1): 0-5.0 km/h
- Speed (2): 0-6.0 km/h
- Speed (3): 0-8.0 km/h
- Speed (4): 0-11.0 km/h
- Max. gradeability without vibr. : 47/45 %

### Drive
- Engine manufacturer: Deutz
  - Type: TCD 3.6 L4
  - Emission stage: Stage IV / TIER4f
  - Exhaust gas aftertreatment: DOC+SCR
  - Cooling: Liquid
  - Number of cylinders: 4
  - Performance ISO 3046: 95.0 kW
  - Performance SAE J 1995: 128.0 hp
  - Speed: 2.000 min-1
  - Fuel: Diesel
  - Electric equipment: 12 V
  - Drive system: hydrost.
  - Drum driven: standard

### Drums and Tyres
- Number of pad feet: 150
- Area of one pad foot: 240/158 cm²
- Height of pad feet: 23.1-26 12PR mm
- Tyre size: 23.1-26 12PR

### Brakes
- Service brake: hydrost.
- Parking brake: hydromec.
- Steerability: oscil.artic.
- Steering / oscillating angle +/-: 35/12 grad

### Exciter system
- Drive system: hydrost.
- Frequency: 30/34 Hz
- Amplitude: 1,95/1,00 mm
- Centrifugal force: 240/158 kN
- Centrifugal force: 24.5/16.1 t

### Capacities
- Fuel: 220,0 l

---

Technical modifications reserved. Machines may be shown with options.
**SINGLE DRUM ROLLERS**

BW 213 D-5, BW 213 DH-5, BW 213 PDH-5 - Tier 4

**Fields of application:**
Heavy duty compaction work on thick fill materials. D-series models are suitable for the compaction of hydraulically bound materials, sand, gravel, crushed rock, semi-cohesive soil and rock. PD models are ideally suited for use on heavy cohesive soils with high water contents. H series models have high climbing capabilities and powerful torque-drives.

<table>
<thead>
<tr>
<th>Dimensions in mm</th>
<th>A</th>
<th>B</th>
<th>D</th>
<th>H</th>
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<th>K</th>
<th>L</th>
<th>O1</th>
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<tbody>
<tr>
<td>BW 213 D-5</td>
<td>2975</td>
<td>2270</td>
<td>1500</td>
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<td>5870</td>
<td>70</td>
<td>70</td>
<td>25</td>
<td>2130</td>
</tr>
</tbody>
</table>

**Standard Equipment**
- BOMAG ECOMODE
- Warning, information and operation displays with LCD
- Noise insulation
- Hydrostatic travel and vibration drive
- Hydrostatic articulated steering
- Articulated joint lock
- Rear axle with twin spring accumulator brakes
- No-Spin differential lock
- Warning horn
- Single lever control for travel and vibration
- Seat with arm rest and adj. for position and height
- 2 Scrapers
- Emergency STOP
- Back-up alarm
- Working lights front / rear
- Double pump system for travel drive (DH/PDH)
- Tractor tires (PD)
- Loading mode
- Sliding window
- Battery disconnect switch

**Optional Equipment**
- * ROPS/FOPS cabin with seat belts
  - Sliding window
- ROPS/FOPS with safety belt
- Air condition
- Rearview camera
- ECONOMIZER
- TERRAMETER
- BOMAG ECOSTOP
- BOMAG TELEMATIC POWER
- Padfoot segment kit (D/DH)
- Radio (Bluetooth)
- Indicator and hazard lights
- BCM 05 Documentation system
- Special painting
- Rotary beacon
- Pre start cabin heating
- Environmentally compliant hydraulic oil
- Comfort package: Adjustable seat and adjustable steering column
- Measuring- and machine data interface for third-party suppliers
- Blade (DH/PDH)
- LED Working lights (Cabin)
- Reversing alarm buzzer with broad band audio

* Standard delivery with CE conformity (valid within European Union)
## TECHNICAL DATA

### Weights
- **Grossweight** .................................................. kg
- **Operating weight CECE w. ROPS-cabin** ........... kg
- **Axle load, drum CECE** ............................. kg
- **Static linear load CECE** .............................. kg/cm

### Dimensions
- **Working width** ........................................ mm
- **Track radius, inner** ................................... mm

### Driving Characteristics
- **Speed (1)** ............................................ km/h
- **Speed (2)** ............................................ km/h
- **Speed (3)** ............................................ km/h
- **Speed (4)** ............................................ km/h
- **Max. gradeability without vibr.** .................. %

### Drive
- **Engine manufacturer** .................................
- **Type** ....................................................
- **Emission stage** ........................................
- **Exhaust gas aftertreatment** ........................
- **Cooling** ................................................
- **Number of cylinders** ................................
- **Performance ISO 3046** ............................... kW
- **Performance SAE J 1995** ............................. hp
- **Speed** .................................................... min⁻¹
- **Fuel** .....................................................
- **Electric equipment** .................................... V
- **Drive system** ........................... standard
- **Drum driven** ..........................................

### Drums and Tyres
- **Number of pad feet** ..................................
- **Area of one pad foot** ................................. cm²
- **Height of pad feet** ................................. mm
- **Tyre size** ................................................

### Brakes
- **Service brake** .........................................
- **Parking brake** ........................................

### Steering
- **Steering system** ......................................
- **Steering method** ......................................
- **Steering / oscillating angle +/-** .............. grad

### Exciter system
- **Drive system** .........................................

### Capacities
- **Fuel** .................................................... l

<table>
<thead>
<tr>
<th>BOMAG BW 213 D-5</th>
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Technical modifications reserved. Machines may be shown with options.
SINGLE DRUM ROLLER
BW 214 D-5 - Tier 4

Fields of application:
Heavy duty compaction work on thick fill materials. D-series models are suitable for the compaction of hydraulically bound materials, sand, gravel, crushed rock, semi-cohesive soil and rock.

Standard Equipment
- BOMAG ECOMODE
- No-Spin differential lock
- Rear axle with twin spring accumulator brakes
- Hydrostatic travel and vibration drive
- Hydrostatic articulated steering
- Articulated joint lock
- Seat with arm rest and adj. for position and height
- Sliding window
- Battery disconnect switch
- Single lever control for travel and vibration
- Warning, information and operation displays with LCD
- Loading mode
- Emergency STOP
- Working lights front / rear
- Back-up alarm
- Noise insulation
- 2 Scrapers
- Warning horn

Optional Equipment
- * ROPS/FOPS cabin with seat belts
  - Sliding window
- ROPS/FOPS with safety belt
- Rearview camera
- Air condition
- Radio (Bluetooth)
- Pre start cabin heating
- Comfort package: Adjustable seat and adjustable steering column
- Rotary beacon
- Indicator and hazard lights
- BOMAG ECOSTOP
- ECONOMIZER
- TERRAMETER
- BOMAG TELEMATIC POWER
- BCM 05 Documentation system
- Special painting
- Padfoot segment kit
- Environmentally compliant hydraulic oil
- Measuring- and machine data interface for third-party suppliers
- LED Working lights (Cabin)
- Reversing alarm buzzer with broad band audio

* Standard delivery with CE conformity (valid within European Union)

Dimensions in mm

<table>
<thead>
<tr>
<th>BW 214 D-5</th>
<th>A</th>
<th>B</th>
<th>D</th>
<th>H</th>
<th>H2</th>
<th>K</th>
<th>L</th>
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<td>85</td>
<td>85</td>
<td>30</td>
<td>2130</td>
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</tr>
</tbody>
</table>
### TECHNICAL DATA

#### Weights
- Grossweight ........................................................... kg
- Operating weight CECE w. ROPS-cabin .................... kg
- Axle load, drum CECE ............................................. kg
- Axle load, wheels CECE ........................................... kg
- Static linear load CECE ........................................... kg/cm

#### Dimensions
- Working width ....................................................... mm
- Track radius, inner ................................................ mm

#### Driving Characteristics
- Speed (1) .............................................................. km/h
- Speed (2) .............................................................. km/h
- Speed (3) .............................................................. km/h
- Speed (4) .............................................................. km/h
- Max. gradeability without/with vibr. ......................... %

#### Drive
- Engine manufacturer ..............................................
- Type ........................................................................
- Emission stage ........................................................
- Exhaust gas aftertreatment ......................................
- Cooling ....................................................................
- Number of cylinders ..............................................
- Performance ISO 3046 .............................................. kW
- Performance SAE J 1995 .......................................... hp
- Speed ................................................................. min⁻¹
- Fuel .....................................................................
- Electric equipment ...................................................
- Drive system ...........................................................
- Drum driven ...........................................................

#### Drums and Tyres
- Tyre size ..............................................................

#### Brakes
- Service brake ........................................................
- Parking brake ........................................................

#### Steering
- Steering system ......................................................
- Steering method ....................................................
- Steering / oscillating angle +/- ................................ grad

#### Exciter system
- Drive system ..........................................................
- Frequency ............................................................ Hz
- Amplitude ............................................................ mm
- Centrifugal force ................................................... kN
- Centrifugal force ................................................... t

#### Capacities
- Fuel ................................................................. l

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<td>0-11.0</td>
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</table>

Deutz
TCD 3.6 L4
Stage IV / TIER4f
DOC+SCR
Liquid
4
95.0
128.0
2.000
Diesel
12
hydrost.
standard

23.1-26 12PR

hydrost.
hydromec.
oscl.artic.
hydrost.
35/12
30/36
2.00/1.00
285/183
29,1/18,7

220.0
**SINGLE DRUM ROLLERS**
BW 216 D-5, BW 216 PD-5 - Tier 4

**Fields of application:**
Heavy duty compaction work on thick fill materials. D-series models are suitable for the compaction of hydraulically bound materials, sand, gravel, crushed rock, semi-cohesive soil and rock. PD models are ideally suited for use on heavy cohesive soils with high water contents.

<table>
<thead>
<tr>
<th>Dimensions in mm</th>
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<tbody>
<tr>
<td><strong>BW 216 D-5</strong></td>
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<tr>
<td></td>
</tr>
<tr>
<td><strong>BW 216 PD-5</strong></td>
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<tr>
<td></td>
</tr>
</tbody>
</table>

**Standard Equipment**
- BOMAG ECOMODE
- No-Spin differential lock
- Rear axle with twin spring accumulator brakes
- Hydrostatic travel and vibration drive
- Hydrostatic articulated steering
- Articulated joint lock
- Seat with arm rest and adj. for position and height
- Sliding window
- Battery disconnect switch
- Single lever control for travel and vibration
- Warning, information and operation displays with LCD
- Loading mode
- Emergency STOP
- Working lights front / rear
- Back-up alarm
- Noise insulation
- 2 Scrapers
- Warning horn

**Optional Equipment**
- * ROPS/FOPS cabin with seat belts
- Sliding window
- ROPS/FOPS with safety belt
- Rearview camera
- Air condition
- Radio (Bluetooth)
- Pre start cabin heating
- Comfort package: Adjustable seat and adjustable steering column
- Rotary beacon
- Indicator and hazard lights
- BOMAG ECOSTOP
- ECONOMIZER
- TERRAMETER
- BOMAG TELEMATIC POWER
- BCM 05 Documentation system
- Special painting
- Padfoot segment kit (D)
- Environmentally compliant hydraulic oil
- Measuring- and machine data interface for third-party suppliers
- Reversing alarm buzzer with broad band audio
- LED Working lights (Cabin)
- Reversing alarm buzzer with broad band audio

* Standard delivery with CE conformity (valid within European Union)
### TECHNICAL DATA

#### Weights
- Grossweight ........................................... kg
- Operating weight CECE w. ROPS-cabin .......... kg
- Axle load, drum CECE ................................ kg
- Axle load, wheels CECE ............................. kg
- Static linear load CECE .............................. kg/cm

#### Dimensions
- Working width ........................................... mm
- Track radius, inner ..................................... mm

#### Driving Characteristics
- **Speed (1)** ........................................... km/h
- **Speed (2)** ........................................... km/h
- **Speed (3)** ........................................... km/h
- **Speed (4)** ........................................... km/h
- **Max. gradeability without/with vibr.** ........... %

#### Drive
- Engine manufacturer .................................
- Type .......................................................
- Exhaust gas aftertreatment .........................
- Number of cylinders ...................................
- Performance ISO 3046 ............................... kW
- Performance SAE J1995 ............................. hp
- Speed ................................................... min⁻¹
- Fuel ......................................................
- Electric equipment .................................. V
- Drive system .......................................... V
- Drum driven ........................................... V

#### Drums and Tyres
- Number of pad feet .................................
- Area of one pad foot ................................. cm²
- Height of pad feet ................................... mm
- Tyre size ............................................... 23.1-26 12PR

#### Brakes
- Service brake .........................................
- Parking brake ........................................

#### Steering
- Steering system .......................................
- Steering method ......................................
- Steering / oscillating angle *°/°* .................... grad

#### Exciter system
- Drive system .........................................
- Frequency ........................................... Hz
- Amplitude ............................................ mm
- Centrifugal force .................................... kN
- Centrifugal force .................................... t

#### Capacities
- Fuel ..................................................... l

---

**BOMAG BW 216 D-5**

- 17.910
- 16.000
- 10.800
- 5.200
- 50.7
- 2.130
- 3.875
- 0- 3.0
- 0- 4.0
- 0- 5.0
- 0- 10.0
- 48/45
- 17.910
- 17.950
- 16.100
- 11.900
- 5.200
- 5.220
- 50.7
- 2.130
- 3.875
- 51/48

**BOMAG BW 216 PD-5**

- 17.950
- 16.100
- 11.900
- 5.220

---

Technical modifications reserved. Machines may be shown with options.
**SINGLE DRUM ROLLERS**
BW 216 DH-5, BW 216 PDH-5 - Tier 4

**Fields of application:**
Heavy duty compaction work on thick fill materials. D-series models are suitable for the compaction of hydraulically bound materials, sand, gravel, crushed rock, semi-cohesive soil and rock. PD models are ideally suited for use on heavy cohesive soils with high water contents. H series models have high climbing capabilities and powerful torque-drives.

**Dimensions in mm**

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<th></th>
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<th>O2</th>
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<th>W</th>
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<tbody>
<tr>
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<tr>
<td>BW 216 PDH-5</td>
<td>3113</td>
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<td>2250</td>
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<td>6220</td>
<td>85</td>
<td>85</td>
<td>25</td>
<td>2130</td>
</tr>
</tbody>
</table>

**Standard Equipment**
- BOMAG ECOMODE
- Double pump system for travel drive
- No-Spin differential lock
- Rear axle with twin spring accumulator brakes
- Hydrostatic travel and vibration drive
- Hydrostatic articulated steering
- Articulated joint lock
- Seat with arm rest and adj. for position and height
- Sliding window
- Battery disconnect switch
- Single lever control for travel and vibration
- Warning, information and operation displays with LCD
- Loading mode
- Emergency STOP
- Working lights front / rear
- Back-up alarm
- Noise insulation
- 2 Scrapers
- Warning horn
- Tractor tires (PDH)

**Optional Equipment**
- * ROPS/FOPS cabin with seat belts
  - Sliding window
- ROPS/FOPS with safety belt
- Rearview camera
- Air condition
- Radio (Bluetooth)
- Pre start cabin heating
- Comfort package: Adjustable seat and adjustable steering column
- Rotary beacon
- Indicator and hazard lights
- BOMAG ECOSTOP
- ECONOMIZER
- TERRAMETER
- BOMAG TELEMATIC POWER
- BCM 05 Documentation system
- Special painting
- Padfoot segment kit (DH)
- Environmentally compliant hydraulic oil
- Measuring- and machine data interface for third-party suppliers
- Reversing alarm buzzer with broad band audio
- LED Working lights (Cabin)
- Reversing alarm buzzer with broad band audio

* Standard delivery with CE conformity (valid within European Union)
## TECHNICAL DATA

### Weights
- Grossweight: \( \text{kg} \)
- Operating weight CECE w. ROPS-cabin: \( \text{kg} \)
- Axle load, drum CECE: \( \text{kg} \)
- Axle load, wheels CECE: \( \text{kg} \)
- Static linear load CECE: \( \text{kg/cm} \)

### Dimensions
- Working width: \( \text{mm} \)
- Track radius, inner: \( \text{mm} \)

### Driving Characteristics
- Speed: \( \text{km/h} \)
- Max. gradeability without with vibr.: \( \% \)

### Drive
- Engine manufacturer
- Type
- Emission stage
- Exhaust gas aftertreatment
- Number of cylinders
- Performance ISO 3046: \( \text{kW} \)
- Performance SAE J 1996: \( \text{hp} \)
- Speed: \( \text{min}^{-1} \)
- Fuel
- Electric equipment: \( \text{V} \)
- Drive system
- Drum driven

### Drums and Tyres
- Number of pad feet
- Area of one pad foot: \( \text{cm}^2 \)
- Height of pad feet: \( \text{mm} \)
- Tyre size

### Brakes
- Service brake
- Parking brake

### Steering
- Steering system
- Steering method
- Steering / oscillating angle +/-: \( \text{grad} \)

### Exciter system
- Drive system
- Frequency: \( \text{Hz} \)
- Amplitude: \( \text{mm} \)
- Centrifugal force: \( \text{kN} \)

### Capacities
- Fuel: \( \text{l} \)

<table>
<thead>
<tr>
<th>BOMAG BW 216 DH-5</th>
<th>BOMAG BW 216 PDH-5</th>
</tr>
</thead>
<tbody>
<tr>
<td>17.910</td>
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<td>16.000</td>
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<td>12</td>
<td>12</td>
</tr>
<tr>
<td>23.1-26 12PR</td>
<td>23.1-26 12PR</td>
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<tr>
<td>150</td>
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</tr>
<tr>
<td>137</td>
<td>137</td>
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</tr>
<tr>
<td>220.0</td>
<td>220.0</td>
</tr>
</tbody>
</table>

Technical modifications reserved. Machines may be shown with options.
SINGLE DRUM ROLLERS
BW 213 DH-5/P, BW 213 BVC-5/P - Tier 4

Fields of application:
BOMAG VARIOCONTROL single drum rollers are suitable for the compaction of all earthworks material types. In comparison to conventional single drum rollers, these models produce higher compaction performance, transmit maximum energy on each application, and adjust automatically to all site conditions. Instant and infinite adjustment of amplitude and compaction energy reduces surface loosening on gravel, sand and anti-frost layers. Rear-mounted vibratory plates simultaneously compact uniform sands, granular and other materials with a tendency to loosen.

Dimensions in mm

<table>
<thead>
<tr>
<th>Model</th>
<th>A</th>
<th>B</th>
<th>D</th>
<th>H</th>
<th>H2</th>
<th>K</th>
<th>L</th>
<th>O1</th>
<th>O2</th>
<th>S</th>
<th>W</th>
</tr>
</thead>
<tbody>
<tr>
<td>BW 213 DH-5/P</td>
<td>2975</td>
<td>2270</td>
<td>1500</td>
<td>2250</td>
<td>2990</td>
<td>490</td>
<td>7025</td>
<td>70</td>
<td>70</td>
<td>30</td>
<td>2130</td>
</tr>
<tr>
<td>BW 213 BVC-5/P</td>
<td>2975</td>
<td>2270</td>
<td>1500</td>
<td>2250</td>
<td>2990</td>
<td>490</td>
<td>7025</td>
<td>70</td>
<td>70</td>
<td>30</td>
<td>2130</td>
</tr>
</tbody>
</table>

Standard Equipment
- BOMAG ECOMODE
- TERRAMETER (BVC)
- Oscillation mode
- Warning, information and operation displays with LCD
- Noise insulation
- Hydrostatic travel and vibration drive
- Hydrostatic articulated steering
- Articulated joint lock
- Rear axle with twin spring accumulator brakes
- No-Spin differential lock
- Warning horn
- Single lever control for travel and vibration
- Seat with arm rest and adj. for position and height
- 2 Scrapers
- Emergency STOP
- Back-up alarm
- Working lights front / rear
- Double pump system for travel drive
- Loading mode
- Battery disconnect switch
- BOMAG TELEMATIC POWER

Optional Equipment
- * ROPS/FOPS cabin with seat belts (BVC)
  - Sliding window
- ROPS/FOPS with safety belt
- Air condition
- Rearview camera
- BOMAG ECOSTOP
- Padfoot segment kit
- Radio (Bluetooth)
- Indicator and hazard lights
- BCM 05 Documentation system
- Special painting
- Rotary beacon
- Pre start cabin heating
- Environmentally compliant hydraulic oil
- TERRAMETER (DH)
- ECOMIZER
- ROPS/FOPS cabin with seat belts (DH)
  - Sliding window
- Comfort package: Adjustable seat and adjustable steering column
- Measuring- and machine data interface for third-party suppliers
- LED Working lights (Cabin)
- Highly wear resistant drum
- Rock tyre
- Reversing alarm buzzer with broad band audio

* Standard delivery with CE conformity (valid within European Union)
# TECHNICAL DATA

**Weights**
- Grossweight: 17.120 kg
- Operating weight CECE w. ROPS-cabin: 15.110 kg
- Axle load, drum CECE: 6.130 kg
- Axle load, wheels CECE: 8.980 kg
- Static linear load CECE: 28.8 kg/cm

**Dimensions**
- Working width: 2.130 mm
- Track radius, inner: 3.680 mm

**Driving Characteristics**
- Speed: 0-12.0 km/h
- Max. gradeability without/vibr.: 59/56%

**Drive**
- Engine manufacturer: Deutz TCD 4.1 L4
- Emission stage: Stage IV / TIER4f
- Exhaust gas aftertreatment: DOC+DPF+SCR
- Fuel: Liquid
- Performance ISO 3046: 115.0 hp
- Performance SAE J1995: 155.0 hp
- Speed: 2,100 min⁻¹
- Torque: 12 Nm

**Drums and Tyres**
- Tyre size: 23.1-26 12PR
- Drum driven: hydrost.

**Brakes**
- Service brake: hydromec.
- Parking brake: hydromec.

**Steering**
- Steering system: oscill.artic.
- Steering method: hydrost.
- Steering / oscillating angle: 35/12 grad

**Exciter system**
- Drive system: hydrost.
- Frequency: 30 Hz
- Amplitude (1): 2.10 mm
- Amplitude (2): 1.10 mm
- Centrifugal force: 285/194 kN
- Centrifugal force max.: 365 t

**Exciter system Vibrating Plates**
- Frequency: 30-55 Hz
- Centrifugal force max.: 22.75 kN

**Capacities**
- Fuel: 220.0 l

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Technical modifications reserved. Machines may be shown with options.
**SINGLE DRUM ROLLER**  
BW 213 BVC-5 - Tier 4

**Fields of application:**  
BOMAG VARIOCONTROL single drum rollers can be used on a wide range of earthworks and highway construction applications. Compared to conventional single drum rollers, these models provide higher compaction performance, transmit maximum energy on every application, and give optimum results every time on each site. Instant and infinite adjustment of amplitude and compaction energy reduces the tendency for loosening at the surface on gravel, sand and anti-frost layers.

**Standard Equipment**
- BOMAG ECOMODE
- BOMAG VARIOCONTROL
- TERRAMETER
- Oscillation mode
- Warning, information and operation displays with LCD
- Noise insulation
- Hydrostatic travel and vibration drive
- Hydrostatic articulated steering
- Articulated joint lock
- Rear axle with twin spring accumulator brakes
- No-Spin differential lock
- Warning horn
- Single lever control for travel and vibration
- Seat with arm rest and adj. for position and height
- 2 Scrapers
- Emergency STOP
- Back-up alarm
- Working lights front / rear
- Double pump system for travel drive
- TERRAMETER
- Loading mode
- Sliding window
- Battery disconnect switch
- BOMAG TELEMATIC POWER

**Optional Equipment**
- * ROPS/FOPS cabin with seat belts
  - Sliding window
- Air condition
- Rearview camera
- BOMAG ECOSTOP
- Padfoot segment kit
- Radio (Bluetooth)
- Indicator and hazard lights
- BCM 05 Documentation system
- Special painting
- Rotary beacon
- Pre start cabin heating
- Environmentally compliant hydraulic oil
- Comfort package: Adjustable seat and adjustable steering column
- Measuring- and machine data interface for third-party suppliers
- LED Working lights (Cabin)
- Highly wear resistant drum
- Reversing alarm buzzer with broad band audio

* Standard delivery with CE conformity (valid within European Union)

**Dimensions in mm**

<table>
<thead>
<tr>
<th>BW 213 BVC-5</th>
<th>A</th>
<th>B</th>
<th>D</th>
<th>H</th>
<th>H2</th>
<th>K</th>
<th>L</th>
<th>O1</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>2975</td>
<td>2270</td>
<td>1500</td>
<td>2250</td>
<td>2990</td>
<td>490</td>
<td>5870</td>
<td>70</td>
<td>70</td>
<td>30</td>
<td>2130</td>
</tr>
</tbody>
</table>
**TECHNICAL DATA**

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**Weights**
- Grossweight ........................................... kg
- Operating weight CECE w. ROPS-cabin .......... kg
- Axle load, drum CECE .............................. kg
- Axle load, wheels CECE ............................. kg
- Static linear load CECE ............................. kg/cm

**Dimensions**
- Working width ......................................... mm
- Track radius, inner .................................... mm

**Driving Characteristics**
- Speed ..................................................... km/h
- Max. gradeability without/with vibr. ............ %

**Drive**
- Engine manufacturer ..............................
- Type ......................................................
- Emission stage ........................................
- Exhaust gas aftertreatment ......................
- Cooling ...................................................
- Number of cylinders .............................. kW
- Performance ISO 3046 .............................. hp
- Speed ..................................................... min-1
- Fuel ....................................................... V
- Electric equipment .................................
- Drive system .......................................... V
- Drum driven ...........................................

**Drums and Tyres**
- Tyre size .............................................

**Brakes**
- Service brake ........................................
- Parking brake ........................................

**Steering**
- Steering system .....................................
- Steering method .......................................
- Steering / oscillating angle +/- ................. grad

**Exciter system**
- Drive system ........................................
- Frequency (1) ....................................... Hz
- Amplitude (1) ........................................ mm
- Centrifugal force 1 ............................... kN
- Centrifugal force 1 ............................... t

**Capacities**
- Fuel ...................................................... l

---

Technical modifications reserved. Machines may be shown with options.
SINGLE DRUM ROLLERS
BW 177 D-5, BW 177 DH-5, BW 177 PDH-5 - Tier 3

Fields of application:
Minor works and medium-size compaction duties in road construction, car parks, trenches and backfill. D-series models are suitable for granular materials (sand, gravel, crushed rock), semi-cohesive soils and hydraulically bound materials. PD-series models are primarily used on cohesive soils with high water contents. H-series models have high climbing performance and high-torque drive systems.

Standard Equipment
- BOMAG ECOMODE
- Double pump system for travel drive (DH/PDH)
- No-Spin differential lock
- Rear axle with twin spring accumulator brakes
- Hydrostatic travel and vibration drive
- Hydrostatic articulated steering
- Articulated joint lock
- Warning, information and operation displays
- Single lever control for travel and vibration
- Emergency STOP
- Warning horn
- Back-up warning system
- Noise insulation
- 2 Contact scrapers Plastic (D/DH)
- 2 Scrapers (PDH)
- Tractor tires (PDH)

Optional Equipment
- ROPS cabin with seat belts
- ROPS/FOPS with safety belt
- Tractor tires (D/DH)
- Working lights front/rear
- Indicator and hazard lights
- Rotary beacon
- Rearview camera
- Air condition
- Adjustable steering column
- Sliding window
- Radio (Bluetooth)
- BOMAG ECOSTOP
- ECONOMIZER
- TERRAMETER
- Printer for TERRAMETER
- BOMAG TELEMATIC
- BCM 05 Documentation system
- Special painting
- Backup warning buzzer with broadband technology
- Padfoot segment kit (D/DH)
- Dozer blade (DH/PDH)
- Environmentally compliant hydraulic oil
- Measuring- and machine data interface for third-party suppliers
- LED Working lights (Cabin)

Dimensions in mm

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>D</th>
<th>H</th>
<th>H2</th>
<th>K</th>
<th>L</th>
<th>O1</th>
<th>O2</th>
<th>S</th>
<th>W</th>
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</thead>
<tbody>
<tr>
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<td>1228</td>
<td>1655</td>
<td>2800</td>
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<td>4540</td>
<td>65</td>
<td>65</td>
<td>20</td>
<td>1686</td>
</tr>
<tr>
<td>BW 177 DH-5</td>
<td>2350</td>
<td>1820</td>
<td>1228</td>
<td>1655</td>
<td>2800</td>
<td>380</td>
<td>4540</td>
<td>65</td>
<td>65</td>
<td>20</td>
<td>1686</td>
</tr>
<tr>
<td>BW 177 PDH-5</td>
<td>2350</td>
<td>1820</td>
<td>1208</td>
<td>1655</td>
<td>2800</td>
<td>380</td>
<td>4540</td>
<td>65</td>
<td>65</td>
<td>15</td>
<td>1686</td>
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### Technical Data

<table>
<thead>
<tr>
<th>Weight</th>
<th>BW 177 D-5</th>
<th>BW 177 DH-5</th>
<th>BW 177 PDH-5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grossweight</td>
<td>kg</td>
<td>kg</td>
<td>kg</td>
</tr>
<tr>
<td>Operating weight CECE w. ROPS-cabin</td>
<td>kg</td>
<td>kg</td>
<td>kg</td>
</tr>
<tr>
<td>Axle load, drum CECE</td>
<td>kg</td>
<td>kg</td>
<td>kg</td>
</tr>
<tr>
<td>Static linear load CECE</td>
<td>kg/cm</td>
<td>kg/cm</td>
<td>kg/cm</td>
</tr>
</tbody>
</table>

| Dimensions                    |            |            |            |
| Working width                 | mm         | mm         | mm         |
| Track radius, inner           | mm         | mm         | mm         |

| Driving Characteristics       |            |            |            |
| Speed (1)                    | km/h       | km/h       | km/h       |
| Speed (2)                    | km/h       | km/h       | km/h       |
| Speed (3)                    | km/h       | km/h       | km/h       |
| Speed (4)                    | km/h       | km/h       | km/h       |
| Max. gradeability without/with vibr. | %    | %          | %          |

| Drive                         |            |            |            |
| Engine manufacturer           | Kubota     | Kubota     | Kubota     |
| Type                          | V 3307 DI-T| V 3307 DI-T| V 3307 DI-T|
| Emission stage                | Stage IIIa / TIER3 | Stage IIIa / TIER3 | Stage IIIa / TIER3 |
| Cooling                       |            |            |            |
| Number of cylinders           |            |            |            |
| Performance ISO 3046          | kW         | kW         | kW         |
| Performance SAE J 1995        | hp         | hp         | hp         |
| Speed                         | min⁻¹       | min⁻¹       | min⁻¹       |
| Fuel                          |            |            |            |
| Electrical equipment          | V          | V          | V          |
| Drive system                  |            |            |            |
| Drum driven                   |            |            |            |

| Drums and Tyres               |            |            |            |
| Tyre size                     |            |            |            |

| Brakes                        |            |            |            |
| Service brake                 |            |            |            |
| Parking brake                 |            |            |            |

| Steering                      |            |            |            |
| Steering system               |            |            |            |
| Steering method               |            |            |            |
| Steering / oscillating angle  | grad       | grad       | grad       |
|                              |            |            |            |

| Exciter system                |            |            |            |
| Drive system                  |            |            |            |
| Frequency (1)                 | Hz         | Hz         | Hz         |
| Frequency (2)                 | Hz         | Hz         | Hz         |
| Amplitude                     | mm         | mm         | mm         |
| Centrifugal force             | kN         | kN         | kN         |
| Centrifugal force             | t          | t          | t          |

| Capacities                    |            |            |            |
| Fuel                          | l          | l          | l          |
SINGLE DRUM ROLLERS
BW 211 D-5, BW 211 PD-5 - Tier 3

Fields of application:
Heavy duty compaction work on thick fill materials. D-series models are suited to the compaction of hydraulically bound material, sand, gravel, crushed rock, semi-cohesive soil and rockfill. PD models are well suited to heavy cohesive soils with high water contents.

Dimensions in mm

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>D</th>
<th>H</th>
<th>H2</th>
<th>K</th>
<th>L</th>
<th>O1</th>
<th>O2</th>
<th>S</th>
<th>W</th>
</tr>
</thead>
<tbody>
<tr>
<td>BW 211 D-5</td>
<td>2975</td>
<td>2270</td>
<td>1500</td>
<td>2260</td>
<td>2990</td>
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<td>70</td>
<td>25</td>
<td>2130</td>
</tr>
<tr>
<td>BW 211 PD-5</td>
<td>2975</td>
<td>2270</td>
<td>1480</td>
<td>2260</td>
<td>2990</td>
<td>490</td>
<td>5870</td>
<td>70</td>
<td>70</td>
<td>25</td>
<td>2130</td>
</tr>
</tbody>
</table>

Standard Equipment
- BOMAG ECOMODE
- No-Spin differential lock
- Rear axle with twin spring accumulator brakes
- Hydrostatic travel and vibration drive
- Hydrostatic articulated steering
- Articulated joint lock
- Seat with arm rest and adj. for position and height
- Sliding window
- Battery disconnect switch
- Single lever control for travel and vibration
- Warning, information and operation displays with LCD
- Loading mode
- Emergency STOP
- Working lights front / rear
- Back-up alarm
- Noise insulation
- 2 Scrapers
- Warning horn

Optional Equipment
- ROPS/FOPS cabin with seat belts
  - Sliding window
- ROPS/FOPS with safety belt
- Rearview camera
- Air condition
- Radio (Bluetooth)
- Pre start cabin heating
- Comfort package: Adjustable seat and adjustable steering column
- Rotary beacon
- Indicator and hazard lights
- BOMAG ECOSTOP
- ECONOMIZER
- TERRAMETER
- BOMAG TELEMATIC POWER
- BCM 05 Documentation system
- Special painting
- Padfoot segment kit (D)
- Measuring- and machine data interface for third-party suppliers
- LED Working lights (Cabin)
### Technical Data

#### Weights
- Grossweight: kg
- Operating weight CECE w. ROPS-cabin: kg
- Axle load, drum CECE: kg
- Axle load, wheels CECE: kg
- Static linear load CECE: kg/cm

#### Dimensions
- Working width: mm
- Track radius, inner: mm

#### Driving Characteristics
- Speed (1): km/h
- Speed (2): km/h
- Speed (3): km/h
- Speed (4): km/h
- Max. gradeability without/with vibr.: %

#### Drive
- Engine manufacturer: Deutz
- Type: TCD 2012 L04 2V
- Emission stage: Stage IIIa / TIER3
- Cooling: water
- Number of cylinders: 4
- Performance ISO 3046: kW
- Performance SAE J 1995: hp
- Speed: min⁻¹
- Fuel: diesel
- Electric equipment: hydrost.
- Drive system: standard
- Drum driven: hydrost.

#### Drums and Tyres
- Tyre size: 23.1-26 12PR
- Drum driven: hydrost.

#### Brakes
- Service brake: hydrost.
- Parking brake: hydromec.

#### Steering
- Steering system: oscill.artic.
- Steering method: hydrost.
- Steering / oscillating angle +/-: grad

#### Exciter System
- Drive system: hydrost.
- Frequency: Hz
- Amplitude: mm
- Centrifugal force: kN

#### Capacities
- Fuel: l
- Centrifugal force: t

---

Technical modifications reserved. Machines may be shown with options.
SINGLE DRUM ROLLERS
BW 213 D-5, BW 213 DH-5, BW 213 PDH-5 - Tier 3

Fields of application:
Heavy duty compaction work on thick fill materials. D-series models are suitable for the compaction of hydraulically bound materials, sand, gravel, crushed rock, semi-cohesive soil and rock. PD models are ideally suited for use on heavy cohesive soils with high water contents. H series models have high climbing capabilities and powerful torque-drives.

Dimensions in mm

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>D</th>
<th>H</th>
<th>H2</th>
<th>K</th>
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<td>5870</td>
<td>70</td>
<td>70</td>
<td>25</td>
<td>2130</td>
</tr>
</tbody>
</table>

Standard Equipment
- BOMAG ECOMODE
- Warning, information and operation displays with LCD
- Noise insulation
- Hydrostatic travel and vibration drive
- Hydrostatic articulated steering
- Articulated joint lock
- Rear axle with twin spring accumulator brakes
- No-Spin differential lock
- Warning horn
- Single lever control for travel and vibration
- Seat with arm rest and adj. for position and height
- 2 Scrapers
- Emergency STOP
- Back-up alarm
- Working lights front / rear
- Double pump system for travel drive (DH/PDH)
- Tractor tires (PD)
- Loading mode
- Sliding window
- Battery disconnect switch

Optional Equipment
- ROPS/FOPS cabin with seat belts
  - Sliding window
- ROPS/FOPS with safety belt
- Air condition
- Rearview camera
- ECONOMIZER
- TERRAMETER
- BOMAG ECOSTOP
- BOMAG TELEMETRIC POWER
- Padfoot segment kit (D/DH)
- Radio (Bluetooth)
- Indicator and hazard lights
- BCM 05 Documentation system
- Special painting
- Rotary beacon
- Pre start cabin heating
- Comfort package: Adjustable seat and adjustable steering column
- Measuring- and machine data interface for third-party suppliers
- LED Working lights (Cabin)
- Highly wear resistant drum (DH)
### TECHNICAL DATA

#### Weights
- Grossweight: 14.800 kg
- Operating weight CECE w. ROPS-cabin: 12.600 kg
- Axle load, drum CECE: 7.550 kg
- Axle load, wheels CECE: 5.050 kg
- Static linear load CECE: 35.4 kg/cm

#### Dimensions
- Working width: 2.130 mm
- Track radius, inner: 3.680 mm

#### Driving Characteristics
- Speed (1): 0-5.0 km/h
- Speed (2): 0-6.0 km/h
- Speed (3): 0-8.0 km/h
- Speed (4): 0-11.0 km/h
- Max. gradeability without with vibr. ... %

#### Drive
- Engine manufacturer: Deutz
- Type: TCD 2012 L04 2V
- Emission stage: Stage IIIa / TIER3
- Cooling: water
- Number of cylinders: 4
- Performance ISO 3046: 103.0 kW
- Performance SAE J 1995: 140.0 hp
- Fuel: Diesel
- Speed: 2.400 min-1
- Drive system: hydrost.
- Drum driven: standard

#### Drums and Tyres
- Number of pad feet: 23.1-26 12PR
- Area of one pad foot: 285/196 mm²
- Height of pad feet: 2.10/1.10 mm
- Tyre size: 23.1-26 12PR

#### Brakes
- Service brake: hydrost.
- Parking brake: hydromec.

#### Steering
- Steering system: oscill.artic.
- Steering method: hydrost.
- Steering / oscillating angle +/-: 35/12 grad

#### Exciter system
- Drive system: hydrost.
- Frequency: 30/34 Hz
- Amplitude: 2.10/1.10 mm
- Centrifugal force: 285/196 kN
- Centrifugal force: 29.1/20.0 t

#### Capacities
- Fuel: 220.0 l

Technical modifications reserved. Machines may be shown with options.
**SINGLE DRUM ROLLERS**
BW 216 D-5, BW 216 PD-5 - Tier 3

**Fields of application:**
Heavy duty compaction work on thick fill materials. D-series models are suitable for the compaction of hydraulically bound materials, sand, gravel, crushed rock, semi-cohesive soil and rock. PD models are ideally suited for use on heavy cohesive soils with high water contents.

**Dimensions in mm**

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<th>D</th>
<th>H</th>
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**Standard Equipment**
- BOMAG ECOMODE
- No-Spin differential lock
- Rear axle with twin spring accumulator brakes
- Hydrostatic travel and vibration drive
- Hydrostatic articulated steering
- Articulated joint lock
- Seat with arm rest and adj. for position and height
- Sliding window
- Battery disconnect switch
- Single lever control for travel and vibration
- Warning, information and operation displays with LCD
- Loading mode
- Emergency STOP
- Working lights front / rear
- Back-up alarm
- Noise insulation
- 2 Scrapers
- Warning horn

**Optional Equipment**
- ROPS/FOPS cabin with seat belts
  - Sliding window
- ROPS/FOPS with safety belt
- Rearview camera
- Air condition
- Radio (Bluetooth)
- Pre start cabin heating
- Comfort package: Adjustable seat and adjustable steering column
- Rotary beacon
- Indicator and hazard lights
- BOMAG ECOSTOP
- ECONOMIZER
- TERRAMETER
- BOMAG TELEMATIC POWER
- BCM 05 Documentation system
- Special painting
- Padfoot segment kit (D)
- Measuring- and machine data interface for third-party suppliers
- LED Working lights (Cabin)
- Highly wear resistant drum
<table>
<thead>
<tr>
<th><strong>TECHNICAL DATA</strong></th>
<th><strong>BOMAG</strong></th>
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Technical modifications reserved. Machines may be shown with options.
SINGLE DRUM ROLLERS
BW 219 D-5, BW 219 PD-5 - Tier 3

Fields of application:
Heavy duty compaction work on thick fill materials. D-series models are suitable for the compaction of hydraulically bound materials, sand, gravel, crushed rock, semi-cohesive soil and rock. PD models are ideally suited for use on heavy cohesive soils with high water contents.

Dimensions in mm

<table>
<thead>
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<th></th>
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<th>B</th>
<th>D</th>
<th>H</th>
<th>H2</th>
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</table>

Standard Equipment
- BOMAG ECOMODE
- No-Spin differential lock
- Rear axle with twin spring accumulator brakes
- Hydrostatic travel and vibration drive
- Hydrostatic articulated steering
- Articulated joint lock
- Seat with arm rest and adj. for position and height
- Sliding window
- Battery disconnect switch
- Single lever control for travel and vibration
- Warning, information and operation displays with LCD
- Loading mode
- Emergency STOP
- Working lights front / rear
- Back-up alarm
- Noise insulation
- 2 Scraper
- Warning horn

Optional Equipment
- ROPS/FOPS cabin with seat belts
  - Sliding window
- Rearview camera
- Air condition
- Radio (Bluetooth)
- Pre start cabin heating
- Comfort package: Adjustable seat and adjustable steering column
- Rotary beacon
- Indicator and hazard lights
- BOMAG ECOSTOP
- ECONOMIZER
- TERRAMETER
- BOMAG TELEMATIC POWER
- BCM 05 Documentation system
- Special painting
- Padfoot segment kit (D)
- Measuring- and machine data interface for third-party suppliers
- Reversing alarm buzzer with broad band audio
- LED Working head lights
- Highly wear resistant drum
### TECHNICAL DATA

#### Weights
- Grossweight .................................................. kg
- Operating weight CECE w. ROPS-cabin ........ kg
- Axle load, drum CECE ..................................... kg
- Axle load, wheels CECE ................................. kg
- Static linear load CECE ..................................... kg/cm

#### Dimensions
- Working width .................................................. mm
- Track radius, inner ........................................... mm

#### Driving Characteristics
- Speed (1) ......................................................... km/h
- Speed (2) ......................................................... km/h
- Speed (3) ......................................................... km/h
- Speed (4) ......................................................... km/h
- Max. gradeability without/with vibr. .............. %

#### Drive
- Engine manufacturer ........................................
- Type ..............................................................
- Emission stage .................................................
- Cooling ...........................................................
- Number of cylinders ........................................
- Performance ISO 3046 ........................................ kW
- Performance SAE J 1995 ..................................... hp
- Speed ............................................................. min⁻¹
- Fuel .................................................................
- Electric equipment ...........................................
- V
- Drive system ....................................................
- Drum driven ....................................................

#### Drums and Tyres
- Number of pad feet .........................................
- Area of one pad foot ....................................... cm²
- Height of pad feet ........................................... mm
- Tyre size ........................................................

#### Brakes
- Service brake ..................................................
- Parking brake ..................................................

#### Steering
- Steering system ...............................................  
- Steering method .............................................
- Steering / oscillating angle +/- ......................... grad

#### Exciter system
- Drive system ..................................................
- Frequency ...................................................... Hz
- Amplitude ..................................................... mm
- Centrifugal force ............................................. kN
- Centrifugal force ............................................. t

#### Capacities
- Fuel ............................................................... l

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Technical modifications reserved. Machines may be shown with options.
**SINGLE DRUM ROLLERS**

BW 219 DH-5, BW 219 PDH-5 - Tier 3

**Fields of application:**
Heavy duty compaction work on thick fill materials. D-series models are suitable for the compaction of hydraulically bound materials, sand, gravel, crushed rock, semi-cohesive soil and rock. PD models are ideally suited for use on heavy cohesive soils with high water contents. H series models have high climbing capabilities and powerful torque-drives.

**Standard Equipment**
- BOMAG ECOMODE
- Double pump system for travel drive
- No-Spin differential lock
- Rear axle with twin spring accumulator brakes
- Hydrostatic travel and vibration drive
- Hydrostatic articulated steering
- Articulated joint lock
- Seat with arm rest and adj. for position and height
- Sliding window
- Battery disconnect switch
- Single lever control switch
- Warning horn
- Information and operation displays with LCD
- Loading mode
- Working lights front / rear
- Back-up alarm
- Noise insulation
- 2 Scrapers
- Working lights front / rear
- Emergency STOP
- Loading mode
- Single lever control switch
- Battery disconnect switch
- Sliding window
- No-Spin differential lock
- Double pump system for travel drive
- BOMAG ECOMODE
- BOMAG ECONOMIZER
- BOMAG ECOSTOP
- Indicator and hazard lights
- Comfort package: Adjustable seat and steering column
- Pre start cabin heating
- Radio (Bluetooth)
- Air condition
- Rearview camera
- Rotary beacon
- ROPS/FOPS cabin with seat belts

**Optional Equipment**
- Rock tyre
- Highly wear resistant drum
- LED Working lights (Cabin)
- Third-party suppliers
- Measuring- and machine data interface for third-party suppliers
- Padfoot segment kit (DH)
- Special painting
- BCM 05 Documentation system
- BOMAG TELEMATIC POWER
- TERRAMETER
- ECONOMIZER
- BOMAG ECOSTOP
- Indicator and hazard lights
- BOMAG ECOSTOP
- Comfort package: Adjustable seat and steering column
- Pre start cabin heating
- Radio (Bluetooth)
- Air condition
- Rearview camera
- Rotary beacon
- ROPS/FOPS cabin with seat belts

**Dimensions in mm**

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<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>D</th>
<th>H</th>
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<td>Track radius, inner</td>
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### Driving Characteristics

<table>
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<tr>
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<th>BOMAG BW 219 PD-5</th>
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<tr>
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<td>without/with vibr.</td>
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### Drive

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<td>Stage IIIa / TIER3</td>
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<tr>
<td>Cooling</td>
<td></td>
<td></td>
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<tr>
<td>Number of cylinders</td>
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<tr>
<td>Performance SAE J 1995</td>
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</tr>
<tr>
<td>Speed</td>
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</tr>
<tr>
<td>Fuel</td>
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<td>Diesel</td>
</tr>
<tr>
<td>Electric equipment</td>
<td>hydrost.</td>
<td>hydrost.</td>
</tr>
<tr>
<td></td>
<td>standard</td>
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</tr>
<tr>
<td>Drive system</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Drum driven</td>
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### Drums and Tyres

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<table>
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<tbody>
<tr>
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<td>23.1-26 12PR</td>
<td>23.5-25 16PR</td>
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<tr>
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<td></td>
<td></td>
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<tr>
<td>Height of pad feet</td>
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<td>137</td>
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<tr>
<td>Tyre size</td>
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### Brakes

<p>| | | |</p>
<table>
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<tr>
<th></th>
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<tbody>
<tr>
<td>Service brake</td>
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<td>hydrost.</td>
</tr>
<tr>
<td>Parking brake</td>
<td>hydromec.</td>
<td>hydromec.</td>
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### Steering

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</thead>
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<tr>
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<td>oscil.artic.</td>
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<td>hydrost.</td>
</tr>
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<td>35/12</td>
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### Exciter system

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<td>hydrost.</td>
</tr>
<tr>
<td>Frequency</td>
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<td>26/31</td>
</tr>
<tr>
<td>Amplitude</td>
<td>2,10/1,20</td>
<td>1,90/1,00</td>
</tr>
<tr>
<td>Centrifugal force</td>
<td>328/266</td>
<td>328/245</td>
</tr>
<tr>
<td>Centrifugal force</td>
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<td>33,5/25,0</td>
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### Capacities

<table>
<thead>
<tr>
<th></th>
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<th>BOMAG BW 219 PD-5</th>
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</thead>
<tbody>
<tr>
<td>Fuel</td>
<td>280,0</td>
<td>280,0</td>
</tr>
</tbody>
</table>

Technical modifications reserved. Machines may be shown with options.
**SINGLE DRUM ROLLERS**

BW 226 DH-5, BW 226 PDH-5 - Tier 3

- **Fields of application:**
  Heavy duty compaction work on thick fill materials. D-series models are suitable for the compaction of hydraulically bound materials, sand, gravel, crushed rock, semi-cohesive soil and rock. PD models are ideally suited for use on heavy cohesive soils with high water contents. H series models have high climbing capabilities and powerful torque-drives.

- **Standard Equipment**
  - BOMAG ECOMODE
  - Double pump system for travel drive
  - No-Spin differential lock
  - Rear axle with twin spring accumulator brakes
  - Hydrostatic travel and vibration drive
  - Hydrostatic articulated steering
  - Articulated joint lock
  - Seat with arm rest and adj. for position and height
  - Sliding window
  - Battery disconnect switch
  - Single lever control for travel and vibration
  - Warning, information and operation displays with LCD
  - Loading mode
  - Emergency STOP
  - Working lights front / rear
  - Back-up alarm
  - Noise insulation
  - 2 Scrapers
  - Warning horn
  - Tractor tires (PDH)

- **Optional Equipment**
  - ROPS/FOPS cabin with seat belts
  - Sliding window
  - Rearview camera
  - Air condition
  - Radio (Bluetooth)
  - Pre start cabin heating
  - Comfort package: Adjustable seat and adjustable steering column
  - Rotary beacon
  - Indicator and hazard lights
  - BOMAG ECOSTOP
  - ECONOMIZER
  - TERRAMETER
  - BOMAG TELEOMATIC POWER
  - BCM 05 Documentation system
  - Special painting
  - Padfoot segment kit (DH)
  - Special painting
  - BCM 05 Documentation system
  - Pneumatic and hydraulically operated tillage head
  - Adjustable side shift and adjustable drum weight
  - Adjustable drum segments
  - LED Working lights (Cabin)
  - Highly wear resistant drum
  - Rock tyre

**Dimensions in mm**

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>D</th>
<th>H</th>
<th>H2</th>
<th>K</th>
<th>L</th>
<th>O1</th>
<th>O2</th>
<th>S</th>
<th>W</th>
</tr>
</thead>
<tbody>
<tr>
<td>BW 226 DH-5</td>
<td>3360</td>
<td>2500</td>
<td>1600</td>
<td>2350</td>
<td>3080</td>
<td>430</td>
<td>6740</td>
<td>185</td>
<td>185</td>
<td>40</td>
<td>2130</td>
</tr>
<tr>
<td>BW226 PDH-5</td>
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<td>2500</td>
<td>1500</td>
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<td>3080</td>
<td>430</td>
<td>6740</td>
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<td>35</td>
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### Technical Data

#### Weights

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<tr>
<td>Grossweight</td>
<td>kg</td>
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<tr>
<td>Operating weight CECE w. ROPS-cabin</td>
<td>kg</td>
</tr>
<tr>
<td>Axle load, drum CECE</td>
<td>kg</td>
</tr>
<tr>
<td>Axle load, wheels CECE</td>
<td>kg</td>
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<tr>
<td>Static linear load CECE</td>
<td>kg/cm</td>
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#### Dimensions

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
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<tr>
<td>Working width</td>
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<tr>
<td>Track radius, inner</td>
<td>mm</td>
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#### Driving Characteristics

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<tbody>
<tr>
<td>Speed</td>
<td>km/h</td>
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<td>Max. gradeability without with vibr.</td>
<td>%</td>
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#### Drive

<table>
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<td>Type</td>
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</tr>
<tr>
<td>Emission stage</td>
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</tr>
<tr>
<td>Cooling</td>
<td></td>
</tr>
<tr>
<td>Number of cylinders</td>
<td></td>
</tr>
<tr>
<td>Performance ISO 3046</td>
<td>kW</td>
</tr>
<tr>
<td>Performance SAE J 1995</td>
<td>hp</td>
</tr>
<tr>
<td>Speed</td>
<td>min-1</td>
</tr>
<tr>
<td>Fuel</td>
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<tr>
<td>Electric equipment</td>
<td>V</td>
</tr>
<tr>
<td>Drive system</td>
<td></td>
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<tr>
<td>Drum driven</td>
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#### Drums and Tyres

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<tr>
<td>Tyre size</td>
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<tr>
<td>Number of pad feet</td>
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</tr>
<tr>
<td>Height of pad feet</td>
<td>mm</td>
</tr>
<tr>
<td>Area of one pad foot</td>
<td>cm²</td>
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#### Brakes

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Service brake</td>
<td></td>
</tr>
<tr>
<td>Parking brake</td>
<td></td>
</tr>
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#### Steering

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
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<tbody>
<tr>
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</tr>
<tr>
<td>Steering method</td>
<td>hydrost.</td>
</tr>
<tr>
<td>Steering / oscillating angle +/-</td>
<td>grad</td>
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#### Exciter System

<table>
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<td>Frequency</td>
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<td>Amplitude</td>
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#### Capacities

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<th>Value</th>
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<tbody>
<tr>
<td>Fuel</td>
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**BOMAG BW 226 DH-5**

<table>
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<tr>
<td>Operating weight</td>
<td>25.000 kg</td>
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<tr>
<td>Axle load, drum</td>
<td>17.070 kg</td>
</tr>
<tr>
<td>Axle load, wheels</td>
<td>7.930 kg</td>
</tr>
<tr>
<td>Static linear load</td>
<td>80,1 kg/cm</td>
</tr>
<tr>
<td>Working width</td>
<td>2.130 mm</td>
</tr>
<tr>
<td>Track radius, inner</td>
<td>4.260 mm</td>
</tr>
<tr>
<td>Speed</td>
<td>0-10.0 km/h</td>
</tr>
<tr>
<td>Max. gradeability</td>
<td>50/47 %</td>
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<tr>
<td>Engine manufacturer</td>
<td>Deutz TCD 2012 L06</td>
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<tr>
<td>Type</td>
<td>Stage IIIa / TIER3</td>
</tr>
<tr>
<td>Cooling</td>
<td>water</td>
</tr>
<tr>
<td>Number of cylinders</td>
<td>6</td>
</tr>
<tr>
<td>Performance ISO 3046</td>
<td>150.0 kW</td>
</tr>
<tr>
<td>Performance SAE J 1995</td>
<td>202.0 hp</td>
</tr>
<tr>
<td>Speed</td>
<td>2.200 min-1</td>
</tr>
<tr>
<td>Fuel</td>
<td>Diesel</td>
</tr>
<tr>
<td>Electric equipment</td>
<td>12 V</td>
</tr>
<tr>
<td>Drive system</td>
<td>hydrost.</td>
</tr>
<tr>
<td>Drum driven</td>
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<table>
<thead>
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<tbody>
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<td>Axle load, drum</td>
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<td>Axle load, wheels</td>
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<tr>
<td>Static linear load</td>
<td>80,1 kg/cm</td>
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<tr>
<td>Working width</td>
<td>2.130 mm</td>
</tr>
<tr>
<td>Track radius, inner</td>
<td>4.260 mm</td>
</tr>
<tr>
<td>Speed</td>
<td>0-10.0 km/h</td>
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<tr>
<td>Cooling</td>
<td>water</td>
</tr>
<tr>
<td>Number of cylinders</td>
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</tr>
<tr>
<td>Performance ISO 3046</td>
<td>150.0 kW</td>
</tr>
<tr>
<td>Performance SAE J 1995</td>
<td>202.0 hp</td>
</tr>
<tr>
<td>Speed</td>
<td>2.200 min-1</td>
</tr>
<tr>
<td>Fuel</td>
<td>Diesel</td>
</tr>
<tr>
<td>Electric equipment</td>
<td>12 V</td>
</tr>
<tr>
<td>Drive system</td>
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<tr>
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**BOMAG BW226 PD-5**

<table>
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</thead>
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</tr>
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<tr>
<td>Axle load, drum</td>
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<tr>
<td>Axle load, wheels</td>
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<tr>
<td>Static linear load</td>
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</tr>
<tr>
<td>Working width</td>
<td></td>
</tr>
<tr>
<td>Track radius, inner</td>
<td></td>
</tr>
<tr>
<td>Speed</td>
<td></td>
</tr>
<tr>
<td>Max. gradeability</td>
<td></td>
</tr>
<tr>
<td>Engine manufacturer</td>
<td></td>
</tr>
<tr>
<td>Type</td>
<td></td>
</tr>
<tr>
<td>Cooling</td>
<td></td>
</tr>
<tr>
<td>Number of cylinders</td>
<td></td>
</tr>
<tr>
<td>Performance ISO 3046</td>
<td></td>
</tr>
<tr>
<td>Performance SAE J 1995</td>
<td></td>
</tr>
<tr>
<td>Speed</td>
<td></td>
</tr>
<tr>
<td>Fuel</td>
<td></td>
</tr>
</tbody>
</table>

Technical modifications reserved. Machines may be shown with options.
**SINGLE DRUM ROLLERS**

BW 213 BVC-5, BW 226 BVC-5 - Tier 3

**Fields of application:**
BOMAG VARIOCONTROL single drum models with polygonal drum, for use on medium (BW 213) and heavy-duty earthworks (BW 226), feature outstanding compaction depths of up to 2.5m. This is the result of BOMAG VARIOCONTROL technology, and the effect of the smooth surfaces and angular edges on the polygonal drums. Excellent densities can be produced on cohesive and mixed soils. Excavated rock materials can be crushed to the specified grading and compacted.

**Dimensions in mm**

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>D</th>
<th>H</th>
<th>H2</th>
<th>K</th>
<th>L</th>
<th>O1</th>
<th>O2</th>
<th>S</th>
<th>W</th>
</tr>
</thead>
<tbody>
<tr>
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<td>2270</td>
<td>1500</td>
<td>2250</td>
<td>2990</td>
<td>490</td>
<td>5875</td>
<td>70</td>
<td>70</td>
<td>30</td>
<td>2130</td>
</tr>
<tr>
<td>BW 226 BVC-5</td>
<td>3355</td>
<td>2500</td>
<td>1600</td>
<td>2339</td>
<td>3078</td>
<td>430</td>
<td>6740</td>
<td>185</td>
<td>185</td>
<td>40</td>
<td>2130</td>
</tr>
</tbody>
</table>

**Standard Equipment**

- BOMAG ECOMODE
- BOMAG VARIOCONTROL
- TERRAMETER
- Oscillation mode
- Warning, information and operation displays with LCD
- Noise insulation
- Hydrostatic travel and vibration drive
- Hydrostatic articulated steering
- Articulated joint lock
- Rear axle with twin spring accumulator brakes
- No-Spin differential lock
- Warning horn
- Single lever control for travel and vibration
- Seat with arm rest and adj. for position and height
- 2 Scrapers
- Emergency STOP
- Back-up alarm
- Working lights front / rear
- Double pump system for travel drive
- Loading mode
- Sliding window
- Battery disconnect switch
- BOMAG TELEMATIC POWER

**Optional Equipment**

- ROPS/FOPS cabin with seat belts
  - Sliding window
- Air condition
- Rearview camera
- BOMAG ECOSTOP
- Padfoot segment kit
- Radio (Bluetooth)
- Indicator and hazard lights
- BCM 05 Documentation system
- Special painting
- Comfort package: Adjustable seat and adjustable steering column
- Pre start cabin heating
- Rotary beacon
- Measuring- and machine data interface for third-party suppliers
- Reversing alarm buzzer with broad band audio
- LED Working lights (Cabin)
- Highly wear resistant drum
**TECHNICAL DATA**

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>BW 213 BVC-5</th>
<th>BW 226 BVC-5</th>
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</thead>
<tbody>
<tr>
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<td>2.130</td>
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<tr>
<td>Track radius, inner</td>
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<thead>
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<td>Deutz</td>
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<tr>
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<td>Stage IIIa / TIER3</td>
<td>Stage IIIa / TIER3</td>
</tr>
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<td>water</td>
<td>water</td>
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<tr>
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<tr>
<td>Performance SAE J 1995</td>
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<tr>
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<tr>
<td>Drive system</td>
<td>hydromec.</td>
<td>hydromec.</td>
</tr>
<tr>
<td>Drum driven</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| Drums and Tyres     |              |              |
| Tyre size           | 23.1-26 12PR | 23.5-25 16PR |

| Brakes              |              |              |
| Service brake       | hydromec.    | hydromec.    |
| Parking brake       |              |              |

| Steering            |              |              |
| Steering system     | oscil.artic. | oscil.artic. |
| Steering method     | hydromec.    | hydromec.    |
| Steering / oscillating angle | 35/12 | 35/12 |

| Exciter system      |              |              |
| Frequency (1)       | 28           | 26           |
| Amplitude (1)       | 0 - 2.25     | 0 - 2.70     |
| Centrifugal force 1 | 365          | 500          |
| Centrifugal force 1 | 37.2         | 51.0         |

| Capacities          |              |              |
| Fuel               | 220,0        | 280,0        |

Technical modifications reserved. Machines may be shown with options.
**SINGLE DRUM ROLLER**
BW 226 DI-5 - Tier 3

**Fields of application:**
Polygon drum
For in-depth compaction of mixed particle and cohesive soils, distributed in thick layers.

**Dimensions in mm**

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>D</th>
<th>H</th>
<th>H2</th>
<th>K</th>
<th>L</th>
<th>O1</th>
<th>O2</th>
<th>S</th>
<th>W</th>
</tr>
</thead>
<tbody>
<tr>
<td>BW 226 DI-5</td>
<td>3360</td>
<td>2500</td>
<td>1750</td>
<td>2340</td>
<td>430</td>
<td>6750</td>
<td>185</td>
<td>185</td>
<td>35</td>
<td>2130</td>
<td></td>
</tr>
</tbody>
</table>

**Standard Equipment**
- BOMAG ECOMODE
- BOMAG VARIOCONTROL
- TERRAMETER
- Warning, information and operation displays with LCD
- Noise insulation
- Hydrostatic travel and vibration drive
- Hydrostatic articulated steering
- Articulated joint lock
- Rear axle with twin spring accumulator brakes
- No-Spin differential lock
- Warning horn
- Single lever control for travel and vibration
- Seat with arm rest and adj. for position and height
- 2 Scrapers
- Emergency STOP
- Back-up alarm
- Working lights front / rear
- Double pump system for travel drive
- Loading mode
- Battery disconnect switch
- BOMAG TELEMATIC POWER

**Optional Equipment**
- ROPS/FOPS cabin with seat belts
  - Sliding window
- Air condition
- Rearview camera
- BOMAG ECOSTOP
- Padfoot segment kit
- Radio (Bluetooth)
- Indicator and hazard lights
- BCM 05 Documentation system
- Special painting
- Rotary beacon
- Pre start cabin heating
- Comfort package: Adjustable seat and adjustable steering column
- Tractor tires
- Measuring- and machine data interface for third-party suppliers
- LED Working lights (Cabin)
**TECHNICAL DATA**

<table>
<thead>
<tr>
<th>Weights</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Grossweight</td>
<td>kg</td>
</tr>
<tr>
<td>Operating weight CECE w. ROPS-cabin</td>
<td>kg</td>
</tr>
<tr>
<td>Axle load, drum CECE</td>
<td>kg</td>
</tr>
<tr>
<td>Axle load, wheels CECE</td>
<td>kg</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Dimensions</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Working width</td>
<td>mm</td>
</tr>
<tr>
<td>Track radius, inner</td>
<td>mm</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Driving Characteristics</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Speed</td>
<td>km/h</td>
</tr>
<tr>
<td>Max. gradeability without/with vibr.</td>
<td>%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Drive</th>
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</tr>
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<tbody>
<tr>
<td>Engine manufacturer</td>
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</tr>
<tr>
<td>Type</td>
<td></td>
</tr>
<tr>
<td>Emission stage</td>
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</tr>
<tr>
<td>Cooling</td>
<td></td>
</tr>
<tr>
<td>Number of cylinders</td>
<td></td>
</tr>
<tr>
<td>Performance ISO 3046</td>
<td>kW</td>
</tr>
<tr>
<td>Performance SAE J 1996</td>
<td>hp</td>
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<tr>
<td>Speed</td>
<td>min-1</td>
</tr>
<tr>
<td>Fuel</td>
<td></td>
</tr>
<tr>
<td>Electric equipment</td>
<td>V</td>
</tr>
<tr>
<td>Drive system</td>
<td></td>
</tr>
<tr>
<td>Drum driven</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Drums and Tyres</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Tyre size</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Brakes</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Service brake</td>
<td></td>
</tr>
<tr>
<td>Parking brake</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Steering</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>Steering system</td>
<td></td>
</tr>
<tr>
<td>Steering method</td>
<td></td>
</tr>
<tr>
<td>Steering / oscillating angle +/-</td>
<td>grad</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Exciter system</th>
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<tbody>
<tr>
<td>Drive system</td>
<td></td>
</tr>
<tr>
<td>Frequency</td>
<td>Hz</td>
</tr>
<tr>
<td>Amplitude</td>
<td>mm</td>
</tr>
<tr>
<td>Centrifugal force</td>
<td>kN</td>
</tr>
<tr>
<td>Centrifugal force</td>
<td>t</td>
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<table>
<thead>
<tr>
<th>Capacities</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>Fuel</td>
<td>l</td>
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</tbody>
</table>

**BOMAG**
**BW 226 DI-5**

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<thead>
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<td>17.950</td>
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<td>7.300</td>
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<p>| | |</p>
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<tr>
<td>2.130</td>
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<tr>
<td>4.260</td>
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<tr>
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Deutz
TCD 2012 L06
Stage IIIa / TIER3
water
6
150,0
202,0
2.200
Diesel
12
hydromec.
standard

Deutz
TCD 2012 L06
Stage IIIa / TIER3
water
6
150,0
202,0
2.200
Diesel
12
hydromec.
standard

Technical modifications reserved. Machines may be shown with options.
**SINGLE DRUM ROLLER**

**BW 226 RC-5**

**Fields of application:**
Rock crushing drum
For crushing and compacting soft to medium hard consolidated rocks.

**Dimensions in mm**

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<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>D</th>
<th>H</th>
<th>H2</th>
<th>K</th>
<th>L</th>
<th>O1</th>
<th>O2</th>
<th>S</th>
<th>W</th>
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<tbody>
<tr>
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<td>2500</td>
<td>1480</td>
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<td>3180</td>
<td>530</td>
<td>6750</td>
<td>185</td>
<td>185</td>
<td>25</td>
<td>2130</td>
</tr>
</tbody>
</table>

**Standard Equipment**
- BOMAG ECOMODE
- BOMAG VARIOCONTROL
- TERRAMETER
- Warning, information and operation displays with LCD
- Noise insulation
- Hydrostatic travel and vibration drive
- Hydrostatic articulated steering
- Articulated joint lock
- Rear axle with twin spring accumulator brakes
- No-Spin differential lock
- Warning horn
- Single lever control for travel and vibration
- Seat with arm rest and adj. for position and height
- 2 Scrapers
- Emergency STOP
- Back-up alarm
- Working lights front / rear
- Double pump system for travel drive
- Rock tyre
- Loading mode
- Battery disconnect switch
- BOMAG TELEMATIC POWER

**Optional Equipment**
- * ROPS/FOPS cabin with seat belts
  - Sliding window
- Air condition
- Rearview camera
- BOMAG ECOSTOP
- Padfoot segment kit
- Radio (Bluetooth)
- Indicator and hazard lights
- BCM 05 Documentation system
- Special painting
- Rotary beacon
- Pre start cabin heating
- Environmentally compliant hydraulic oil
- Comfort package: Adjustable seat and adjustable steering column
- Measuring- and machine data interface for third-party suppliers
- Reversing alarm buzzer with broad band audio
- LED Working lights (Cabin)

* Standard delivery with CE conformity (valid within European Union)
### TECHNICAL DATA

#### Weights
- Gross weight .................................................. kg
- Operating weight CECE w. ROPS-cabin .......... kg
- Axle load, drum CECE ....................................... kg
- Axle load, wheels CECE ........................................ kg

#### Dimensions
- Working width .................................................. mm
- Track radius, inner ............................................. mm

#### Driving Characteristics
- Speed .............................................................. km/h
- Max. gradeability without/with vibr. .......... %

#### Drive
- Engine manufacturer ...........................................
- Type ..................................................................
- Emission stage ...................................................
- Cooling ..............................................................
- Number of cylinders ...........................................
- Performance ISO 3046 ....................................... kW
- Performance SAE J 1995 .................................. hp
- Speed ............................................................... min⁻¹
- Fuel .................................................................
- Electric equipment ............................................. V
- Drive system ......................................................
- Drum driven ......................................................

#### Drums and Tyres
- Tyre size .........................................................

#### Brakes
- Service brake ......................................................
- Parking brake ....................................................

#### Steering
- Steering system ..................................................
- Steering method ................................................
- Steering / oscillating angle +/- ...................... grad

#### Exciter system
- Frequency ........................................................ Hz
- Amplitude (1) .................................................... mm
- Centrifugal force ............................................... t

#### Vario system
- Drive system .....................................................

#### Capacities
- Fuel ................................................................. l

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<table>
<thead>
<tr>
<th>BOMAG</th>
<th>BW 226 RC-5</th>
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<tbody>
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<td></td>
<td>27.910</td>
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<td>19.000</td>
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<td>4.180</td>
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<td>0-9.0</td>
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<td>42/37</td>
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<td>Deutz</td>
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<td></td>
<td>TCD 2012 L06</td>
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<td>Stage III / TIER3</td>
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<tr>
<td></td>
<td>water</td>
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<td></td>
<td>2.300</td>
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<td>Diesel</td>
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<td>12</td>
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<td>hydrost.</td>
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<tr>
<td></td>
<td>standard</td>
</tr>
<tr>
<td></td>
<td>26.5-25 28PR</td>
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<tr>
<td></td>
<td>hydrost.</td>
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<td></td>
<td>oscil.artic.</td>
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<tr>
<td></td>
<td>35/12</td>
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<tr>
<td></td>
<td>26</td>
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<tr>
<td></td>
<td>0 - 2.30</td>
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<tr>
<td></td>
<td>500</td>
</tr>
<tr>
<td></td>
<td>51.0</td>
</tr>
<tr>
<td></td>
<td>hydrost.</td>
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</table>
SINGLE DRUM ROLLER
BW 219 D-4 - Tier 2

Fields of application:
Heavy duty compaction work on thick fill materials. D-series models are suitable for the compaction of hydraulically bound materials, sand, gravel, crushed rock, semi-cohesive soil and rock. PD models are ideally suited for use on heavy cohesive soils with high water contents.

Dimensions in mm

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>D</th>
<th>H</th>
<th>H2</th>
<th>K</th>
<th>L</th>
<th>O1</th>
<th>O2</th>
<th>S</th>
<th>W</th>
</tr>
</thead>
<tbody>
<tr>
<td>BW 219 D-4</td>
<td>3255</td>
<td>2300</td>
<td>1600</td>
<td>2290</td>
<td>3025</td>
<td>450</td>
<td>6340</td>
<td>85</td>
<td>85</td>
<td>40</td>
<td>2130</td>
</tr>
</tbody>
</table>

Standard Equipment
- Warning, information and operation displays with round gauge
- Hydrostatic travel and vibration drive
- Hydrostatic articulated steering
- Articulated joint lock
- Rear axle with twin spring accumulator brakes
- No-Spin differential lock
- Warning horn
- Single lever control for travel and vibration
- Swivel seat, adjustable in height and longitudinal direction, with two armrests
- Contact scrapers
- Emergency STOP
- Noise insulation
- Back-up warning system

Optional Equipment
- ROPS cabin with seat belts
- Working lights front/rear
- ROPS with safety belt
- Rotary beacon
- Indicator and hazard lights
- Contact scrapers (Steel)
- BOMAG Evib-Meter (BEM)
- TERRAMETER BTM plus
- TERRAMETER BTM prof
- BEM/BCM 05
- TERRAMETER/BCM 05
- Special painting
- Environmentally compliant hydraulic oil
- Air condition
- Sun roof
- Warning, information and operation displays
- Padfoot segment kit
- Radio
- Protective ventilation system
## TECHNICAL DATA

### Weights
<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grossweight</td>
<td>kg</td>
</tr>
<tr>
<td>Operating weight CECE w. ROPS-cabin</td>
<td>kg</td>
</tr>
<tr>
<td>Axle load, drum CECE</td>
<td>kg</td>
</tr>
<tr>
<td>Static linear load CECE</td>
<td>kg/cm</td>
</tr>
</tbody>
</table>

### Dimensions
<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Working width</td>
<td>mm</td>
</tr>
<tr>
<td>Track radius, inner</td>
<td>mm</td>
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</tbody>
</table>

### Driving Characteristics
<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Speed (1)</td>
<td>km/h</td>
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<tr>
<td>Speed (2)</td>
<td>km/h</td>
</tr>
<tr>
<td>Speed (3)</td>
<td>km/h</td>
</tr>
<tr>
<td>Speed (4)</td>
<td>km/h</td>
</tr>
<tr>
<td>Max. gradeability without with vibr.</td>
<td>%</td>
</tr>
</tbody>
</table>

### Drive
<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engine manufacturer</td>
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<tr>
<td>Type</td>
<td></td>
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<tr>
<td>Emission stage</td>
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</tr>
<tr>
<td>Cooling</td>
<td></td>
</tr>
<tr>
<td>Number of cylinders</td>
<td>kW</td>
</tr>
<tr>
<td>Performance ISO 3046</td>
<td>hp</td>
</tr>
<tr>
<td>Performance SAE J 1995</td>
<td>min-1</td>
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<tr>
<td>Fuel</td>
<td></td>
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<tr>
<td>Electric equipment</td>
<td>V</td>
</tr>
<tr>
<td>Drive system</td>
<td></td>
</tr>
<tr>
<td>Drum driven</td>
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### Drums and Tyres
<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tyre size</td>
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</tr>
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</table>

### Brakes
<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Service brake</td>
<td></td>
</tr>
<tr>
<td>Parking brake</td>
<td></td>
</tr>
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</table>

### Steering
<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Steering system</td>
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</tr>
<tr>
<td>Steering method</td>
<td></td>
</tr>
<tr>
<td>Steering / oscillating angle +/-</td>
<td>grad</td>
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</tbody>
</table>

### Exciter system
<table>
<thead>
<tr>
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<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drive system</td>
<td></td>
</tr>
<tr>
<td>Frequency</td>
<td>Hz</td>
</tr>
<tr>
<td>Amplitude</td>
<td>mm</td>
</tr>
<tr>
<td>Centrifugal force</td>
<td>kN</td>
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<tr>
<td>Centrifugal force t</td>
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### Capacities
<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Fuel</td>
<td>l</td>
</tr>
</tbody>
</table>

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**BOMAG**

**BW 219 D-4**

- Grossweight: 20,780 kg
- Operating weight CECE w. ROPS-cabin: 19,050 kg
- Axle load, drum CECE: 12,800 kg
- Static linear load CECE: 6,250 kg/cm

### Technical Data

- Deutz BF6M 2012 C Stage II / TIER2 water diesel
- Engine manufacturer: BF6M 2012 C
- Fuel: 6 liters
- Capacities: 340,0 liters

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*Technical modifications reserved. Machines may be shown with options.*
SINGLE DRUM ROLLERS
BW 219 D-4, BW 219 PD-4 - Tier 3

Fields of application:
Heavy duty compaction work on thick fill materials. D-series models are suitable for the compaction of hydraulically bound materials, sand, gravel, crushed rock, semi-cohesive soil and rock. PD models are ideally suited for use on heavy cohesive soils with high water contents.

Dimensions in mm

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>D</th>
<th>H</th>
<th>H2</th>
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<th>L</th>
<th>O1</th>
<th>O2</th>
<th>S</th>
<th>W</th>
</tr>
</thead>
<tbody>
<tr>
<td>BW 219 D-4</td>
<td>3255</td>
<td>2300</td>
<td>1600</td>
<td>2290</td>
<td>3025</td>
<td>450</td>
<td>6340</td>
<td>85</td>
<td>85</td>
<td>40</td>
<td>2130</td>
</tr>
<tr>
<td>BW 219 PD-4</td>
<td>3255</td>
<td>2300</td>
<td>1500</td>
<td>2290</td>
<td>3025</td>
<td>450</td>
<td>6340</td>
<td>85</td>
<td>85</td>
<td>35</td>
<td>2130</td>
</tr>
</tbody>
</table>

Standard Equipment
- Warning, information and operation displays with round gauge
- Hydrostatic travel and vibration drive
- Hydrostatic articulated steering
- Articulated joint lock
- Rear axle with twin spring accumulator brakes
- No-Spin differential lock
- Warning horn
- Single lever control for travel and vibration
- Shock-mounted swivel seat, adjustable in height and length (Cabin)
- Contact scrapers (D:Plastic)
- Scrapers (PD:Steel)
- Emergency STOP
- Noise insulation
- Back-up warning system

Optional Equipment
- ROPS/FOPS cabin with seat belts
- Working lights front/rear
- ROPS with safety belt
- Rotary beacon
- Indicator and hazard lights
- Contact scrapers (D:Steel)
- BOMAG Evib-Meter (BEM)
- TERRAMETER BTM prof
- BCM 05 Documentation system
- Special painting
- Environmentally compliant hydraulic oil
- Air condition
- Sun roof
- Warning, information and operation displays
- Padfoot segment kit (D)
- Radio (Bluetooth)
- Protective ventilation system
TECHNICAL DATA

Weights
Grossweight ............................................................... kg
Operating weight CECE w. ROPS-cabin ......................... kg
Axle load, drum CECE .................................................. kg
Axle load, wheels CECE ................................................ kg
Static linear load CECE .................................................. kg/cm

Dimensions
Working width ............................................................ mm
Track radius, inner ....................................................... mm

Driving Characteristics
Speed (1) ................................................................... km/h
Speed (2) ................................................................... km/h
Speed (3) ................................................................... km/h
Speed (4) ................................................................... km/h
Max. gradeability without/with vibr. ........................ %

Drive
Engine manufacturer .........................................................
Type ..........................................................................
Emission stage ..........................................................
Cooling ......................................................................
Number of cylinders .....................................................
Performance ISO 3046 ................................................... kW
Performance SAE J 1995 ............................................... hp
Speed ....................................................................... min-1
Fuel .......................................................................... V
Electric equipment .......................................................
Drive system ..............................................................
Drum driven ..............................................................

Drums and Tyres
Number of pad feet .......................................................
Area of one pad foot .................................................... cm²
Height of pad feet ......................................................... mm
Tyre size ....................................................................

Brakes
Service brake ..............................................................
Parking brake .............................................................

Steering
Steering system ..........................................................
Steering method ...........................................................
Steering / oscillating angle +/- .................................... grad

Exciter system
Drive system .............................................................
Frequency ................................................................ Hz
Amplitude ................................................................ mm
Centrifugal force ....................................................... kN
Centrifugal force ....................................................... t

Capacities
Fuel ...........................................................................

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Technical modifications reserved. Machines may be shown with options.
**SINGLE DRUM ROLLERS**

**BW 226 DH-4 - Tier 3**

**Fields of application:**
Heavy duty compaction work on thick fill materials. D-series models are suitable for the compaction of hydraulically bound materials, sand, gravel, crushed rock, semi-cohesive soil and rock. PD models are ideally suited for use on heavy cohesive soils with high water contents. H series models have high climbing capabilities and powerful torque-drives.

**Dimensions in mm**

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<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>D</th>
<th>H</th>
<th>H2</th>
<th>K</th>
<th>L</th>
<th>O1</th>
<th>O2</th>
<th>S</th>
<th>W</th>
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<td>155</td>
<td>155</td>
<td>40</td>
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**Standard Equipment**
- BOMAG ECOMODE
- Anti Slip Control (ASC)
- Warning, information and operation displays with LCD
- Hydrostatic travel and vibration drive
- Hydrostatic articulated steering
- Articulated joint lock
- Rear axle with twin spring accumulator brakes
- No-Spin differential lock
- Warning horn
- Single lever control for travel and vibration
- Shock-mounted swivel seat, adjustable in height and length
- Contact scrapers (Plastic)
- Emergency STOP
- Noise insulation
- Back-up warning system

**Optional Equipment**
- Cabin with air conditioning
- Evib compaction meter
- Working lights
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<thead>
<tr>
<th><strong>Weights</strong></th>
<th></th>
<th>kg</th>
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<tbody>
<tr>
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<td>Axle load, wheels CECE</td>
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<tr>
<td>Static linear load CECE</td>
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<tr>
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<td>mm</td>
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<tr>
<td>Working width</td>
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<td>Width (wheels)</td>
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<td>Track radius, inner</td>
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<td><strong>Driving Characteristics</strong></td>
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<td>km/h</td>
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<tr>
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<td>Max. gradeability without/vibr.</td>
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<td>%</td>
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<tr>
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<tr>
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**BOMAG**  
**BW 226 DH-4**

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Deutz  
TCD 2012 L06  
Stage IIIa / TIER3  
water  
6

150,0  
201,0  
2.200  
diesel  
12  
hydrost.  
standard  
23.5-25/16PR  

hydromec.  
oscil.artic.  
hydrost.  
35/12

26/26  
1.90/1.00  
330/173  
33,7/17,6  

340,0

Technical modifications reserved. Machines may be shown with options.
SINGLE DRUM ROLLERS
BW 211 D-40, BW 211 PD-40

Fields of application:
For medium to heavy duty compaction work. D-series models are suited to the compaction of hydraulically bound material, sand, gravel, crushed rock, semi-cohesive soil and rockfill. PD models are well suited to heavy cohesive soils with high water contents.

Standard Equipment
- Warning, information and operation displays with round gauge
- Hydrostatic travel and vibration drive
- Hydrostatic articulated steering
- Articulated joint lock
- Rear axle with twin spring accumulator brakes
- No-Spin differential lock
- Warning horn
- Single lever control for travel and vibration
- Scrapers
- Emergency STOP
- Back-up warning system
- Operator seat

Optional Equipment
- ROPS/FOPS cabin with seat belts
- Working lights front / rear
- ROPS/FOPS with safety belt
- Comfort driver’s seat
- Rotary beacon
- Padfoot segment kit (D)
- Contact scrapers
- ECONOMIZER
- BOMAG Evib-Meter (BEM)
- TERRAMETER BTM prof
- BCM 05 Documentation system
- Special painting
- Air condition
- Ballast front (700kg)
- Sun roof
- Warning, information and operation displays
- Radio (Bluetooth)
- Increased amplitude (2,2mm; 1,1mm)

Dimensions in mm

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>A</th>
<th>B</th>
<th>D</th>
<th>H</th>
<th>H2</th>
<th>K</th>
<th>L</th>
<th>O1</th>
<th>O2</th>
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<td>2130</td>
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## TECHNICAL DATA

### Weights

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### Dimensions

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### Drive

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### Drums and Tyres

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### Brakes

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### Exciter system

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SINGLE DRUM ROLLERS
BW 212 D-40, BW 212 PD-40

Fields of application:
For medium to heavy duty compaction work. D-series models are suited to the compaction of hydraulically bound material, sand, gravel, crushed rock, semi-cohesive soil and rockfill. PD models are well suited to heavy cohesive soils with high water contents.

Dimensions in mm

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>D</th>
<th>H</th>
<th>H2</th>
<th>K</th>
<th>L</th>
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<td>2250</td>
<td>1500</td>
<td>2268</td>
<td>2985</td>
<td>490</td>
<td>5840</td>
<td>60</td>
<td>60</td>
<td>25</td>
<td>2130</td>
</tr>
<tr>
<td>BW 212 PD-40</td>
<td>2960</td>
<td>2250</td>
<td>1480</td>
<td>2268</td>
<td>2985</td>
<td>490</td>
<td>5840</td>
<td>60</td>
<td>60</td>
<td>25</td>
<td>2130</td>
</tr>
</tbody>
</table>
**TECHNICAL DATA**

### Weights
- Grossweight ............................................. kg
- Max. axle load, drum CECE .......................... kg
- Max. axle load, wheels CECE ........................ kg
- Operating weight CECE ............................... kg
- Axle load, drum CECE ................................. kg
- Axle load, wheels CECE ............................... kg
- Static linear load CECE ............................... kg/cm
- Max. static linear load CECE ........................ kg/cm

### Dimensions
- Working width ........................................... mm
- Track radius, inner ..................................... mm

### Driving Characteristics
- Speed (1) .................................................. km/h
- Speed (2) .................................................. km/h
- Max. gradeability without/with vibr. ............... %

### Drive
- Engine manufacturer .................................
- Type ......................................................
- Emission stage .........................................
- Cooling ...................................................
- Number of cylinders .................................
- Performance ISO 3046 ............................... kW
- Performance SAE J 1995 ........................... hp
- Speed ..................................................... min-1
- Fuel ......................................................
- Electric equipment ................................. V
- Drive system .......................................... V
- Drum driven .......................................... V

### Drums and Tyres
- Tyre size ................................................
- Number of pad feet .................................
- Height of pad feet ................................... mm
- Area of one pad foot ............................... cm²

### Brakes
- Service brake .........................................
- Parking brake .................................
- Steering ................................................
- Steering system .....................................
- Steering method .....................................
- Steering / oscillating angle +/- .................... grad

### Exciter system
- Drive system .........................................
- Frequency ............................................ Hz
- Amplitude ............................................ mm
- Centrifugal force ................................... kN
- Centrifugal force ................................... t

### Capacities
- Fuel ..................................................... l

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<thead>
<tr>
<th>BOMAG BW 212 D-40</th>
<th>BOMAG BW 212 PD-40</th>
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<tbody>
<tr>
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<tr>
<td>BF4M 2012 C</td>
<td>BF4M 2012 C</td>
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<tr>
<td>Stage II / TIER2</td>
<td>Stage II / TIER2</td>
</tr>
<tr>
<td>water</td>
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</table>
**SINGLE DRUM ROLLERS**

BW 213 D-40, BW 213 PD-40

**Fields of application:**
Heavy duty compaction on thick layers of fill materials. D-series models are suited to the compaction of hydraulically bound material, sand, gravel, crushed rock, semi-cohesive soil and rockfill. PD models are well suited to heavy cohesive soils with high water contents.

**Dimensions in mm**

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>D</th>
<th>H</th>
<th>H2</th>
<th>K</th>
<th>L</th>
<th>O1</th>
<th>O2</th>
<th>S</th>
<th>W</th>
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<tbody>
<tr>
<td>BW 213 D-40</td>
<td>2960</td>
<td>2250</td>
<td>1500</td>
<td>2268</td>
<td>2985</td>
<td>490</td>
<td>5840</td>
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<td>60</td>
<td>35</td>
<td>2130</td>
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<tr>
<td>BW 213 PD-40</td>
<td>2960</td>
<td>2250</td>
<td>1480</td>
<td>2268</td>
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<td>490</td>
<td>5840</td>
<td>60</td>
<td>60</td>
<td>25</td>
<td>2130</td>
</tr>
</tbody>
</table>

**Standard Equipment**
- Warning, information and operation displays with round gauge
- Hydrostatic travel and vibration drive
- Hydrostatic articulated steering
- Articulated joint lock
- Rear axle with twin spring accumulator brakes
- No-Spin differential lock
- Warning horn
- Single lever control for travel and vibration
- Scrapers
- Emergency STOP
- Back-up warning system
- Operator seat

**Optional Equipment**
- ROPS/FOPS cabin with seat belts
- Working lights front / rear
- ROPS/FOPS with safety belt
- Comfort driver’s seat
- Sun roof
- Rotary beacon
- Indicator and hazard lights
- Padfoot segment kit (D)
- Contact scrapers
- ECONOMIZER
- BOMAG Evib-Meter (BEM)
- TERRAMETER BTM prof
- BCM 05 Documentation system
- Special painting
- Air condition
- Warning, information and operation displays
- Radio (Bluetooth)
- Increased amplitude (D) (2mm/310kN-1mm/222kN)
- Ballast front (600kg)
## TECHNICAL DATA

<table>
<thead>
<tr>
<th><strong>Weights</strong></th>
<th><strong>BOMAG BW 213 D-40</strong></th>
<th><strong>BOMAG BW 213 PD-40</strong></th>
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<tbody>
<tr>
<td>Grossweight</td>
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<td>5.050</td>
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<td>Operating weight CECE</td>
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<td>Axle load, drum CECE</td>
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<tr>
<td>Max. static linear load CECE</td>
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<table>
<thead>
<tr>
<th><strong>Dimensions</strong></th>
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<th><strong>mm</strong></th>
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<tbody>
<tr>
<td>Working width</td>
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<tr>
<td>Track radius, inner</td>
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<table>
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<th><strong>Driving Characteristics</strong></th>
<th><strong>km/h</strong></th>
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<tbody>
<tr>
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<td>49/46</td>
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<table>
<thead>
<tr>
<th><strong>Drive</strong></th>
<th><strong>Engine manufacturer</strong></th>
<th><strong>Type</strong></th>
<th><strong>Emission stage</strong></th>
<th><strong>Cooling</strong></th>
<th><strong>Number of cylinders</strong></th>
<th><strong>Performance ISO 3046</strong></th>
<th><strong>Performance SAE J 1995</strong></th>
<th><strong>Speed</strong></th>
<th><strong>Fuel</strong></th>
<th><strong>Electric equipment</strong></th>
<th><strong>Drive system</strong></th>
<th><strong>Drum driven</strong></th>
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</thead>
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<tr>
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<td>BF4M 2012 C</td>
<td>Stage II / TIER2</td>
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<td>132,0</td>
<td>2.300</td>
<td>diesel</td>
<td>hydrost.</td>
<td>standard</td>
<td>standard</td>
</tr>
<tr>
<td></td>
<td></td>
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<td></td>
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<td>4</td>
<td>98,0</td>
<td>132,0</td>
<td>2.300</td>
<td>diesel</td>
<td>hydrost.</td>
<td>standard</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Drums and Tyres</strong></th>
<th><strong>V</strong></th>
<th><strong>V</strong></th>
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<tbody>
<tr>
<td>Tyre size</td>
<td>23.1-26/12PR</td>
<td>23.1-26/12PR</td>
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<tr>
<td>Number of pad feet</td>
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<td>Height of pad feet</td>
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<tr>
<td>Area of one pad foot</td>
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<table>
<thead>
<tr>
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<th><strong>Hydromechanics</strong></th>
<th><strong>Hydrostability</strong></th>
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<tbody>
<tr>
<td>Service brake</td>
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<td>hydromech.</td>
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<tr>
<td>Parking brake</td>
<td>hydromec.</td>
<td>hydromech.</td>
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</tbody>
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<table>
<thead>
<tr>
<th><strong>Steering</strong></th>
<th><strong>Steering System</strong></th>
<th><strong>Steering Method</strong></th>
<th><strong>Steering + Oscillating Angle</strong></th>
<th><strong>Exciter System</strong></th>
<th><strong>Drive System</strong></th>
<th><strong>Frequency</strong></th>
<th><strong>Amplitude</strong></th>
<th><strong>Centrifugal Force</strong></th>
<th><strong>Centrifugal Force</strong></th>
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</thead>
<tbody>
<tr>
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<td>hydromech.</td>
<td>30/36</td>
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<table>
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<tbody>
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<td>Fuel</td>
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</table>

Technical modifications reserved. Machines may be shown with options.
SINGLE DRUM ROLLER
BW 215 D-40

Fields of application:
Heavy duty compaction work on thick fill materials. D-series models are suited to the compaction of hydraulically bound material, sand, gravel, crushed rock, semi-cohesive soil and rockfill.

Dimensions in mm

<table>
<thead>
<tr>
<th>Dimensions in mm</th>
<th>A</th>
<th>B</th>
<th>D</th>
<th>H</th>
<th>H2</th>
<th>K</th>
<th>L</th>
<th>O1</th>
<th>O2</th>
<th>S</th>
<th>W</th>
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</thead>
<tbody>
<tr>
<td>BW 215 D-40</td>
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<td>2300</td>
<td>1500</td>
<td>2268</td>
<td>2985</td>
<td>490</td>
<td>5930</td>
<td>85</td>
<td>85</td>
<td>35</td>
<td>2130</td>
</tr>
</tbody>
</table>

Standard Equipment
- Warning, information and operation displays with round gauge
- Hydrostatic travel and vibration drive
- Hydrostatic articulated steering
- Articulated joint lock
- Rear axle with twin spring accumulator brakes
- No-Spin differential lock
- Warning horn
- Single lever control for travel and vibration
- Scrapers
- Emergency STOP
- Back-up warning system
- Operator seat

Optional Equipment
- ROPS/FOPS cabin with seat belts
- Working lights front / rear
- ROPS/FOPS with safety belt
- Comfort driver’s seat
- Rotary beacon
- Indicator and hazard lights
- Padfoot segment kit
- Contact scrapers
- ECONOMIZER
- BOMAG Evib-Meter (BEM)
- TERRAMETER BTM prof
- BCM 05 Documentation system
- Special painting
- Air condition
- Sun roof
- Warning, information and operation displays
- Radio (Bluetooth)
### TECHNICAL DATA

#### Weights
- Grossweight: \( \text{kg} \)
- Max. axle load, drum CECE: \( \text{kg} \)
- Max. axle load, wheels CECE: \( \text{kg} \)
- Operating weight CECE w. ROPS-cabin: \( \text{kg} \)
- Axle load, drum CECE: \( \text{kg} \)
- Axle load, wheels CECE: \( \text{kg} \)
- Static linear load CECE: \( \text{kg/cm} \)
- Max. static linear load CECE: \( \text{kg/cm} \)

#### Dimensions
- Track radius, inner: \( \text{mm} \)

#### Driving Characteristics
- Speed (1): \( \text{km/h} \)
- Speed (2): \( \text{km/h} \)
- Max. gradeability without/with vibr.: \( \% \)

#### Drive
- Engine manufacturer: Deutz
- Type: BF4M 2012 C
- Emission stage: Stage II / TIER2
- Fuel: water
- Coolant: Stage II / TIER2
- Diesel: Deutz BF4M 2012 C
- Horsepower: 98.0 hp
- Torque: 2.300 Nm
- Oil: 12

#### Drums and Tyres
- Tyre size: 23.1-26/12PR

#### Brakes
- Service brake: hydrost.
- Parking brake: hydromec.

#### Steering
- Steering system: oscill.artic.
- Steering method: hydrost.
- Steering / oscillating angle +/-: 35/12

#### Exciter system
- Drive system: hydrost.
- Frequency: 30/36
- Amplitude: 1.60/0.90
- Centrifugal force: 275/202
- Centrifugal force: 28.1/20.6

#### Capacities
- Fuel: \( \text{l} \)
- Water: \( \text{l} \)
- Amplitude: \( \text{mm} \)
- Exciter system: \( \text{kW} \)
- Performance SAE J 1995: \( \text{hp} \)
- Number of cylinders: 4
- Performance ISO 3046: \( \text{kW} \)
- Engine manufacturer: Deutz
- Drive: BF4M 2012 C
- Emission stage: Stage II / TIER2
- Coolant: water
- Cooling: Deutz BF4M 2012 C
- Diesel: Deutz BF4M 2012 C
- Horsepower: 98.0 hp
- Torque: 2.300 Nm
- Oil: 12

Technical modifications reserved. Machines may be shown with options.
**SINGLE DRUM ROLLERS**
BW 216 D-40, BW 216 PD-40

**Fields of application:**
Heavy duty compaction work on thick fill materials. D-series models are suited to the compaction of hydraulically bound material, sand, gravel, crushed rock, semi-cohesive soil and rockfill. PD models are well suited to heavy cohesive soils with high water contents.

### Dimensions in mm

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>D</th>
<th>H</th>
<th>H2</th>
<th>K</th>
<th>L</th>
<th>O1</th>
<th>O2</th>
<th>S</th>
<th>W</th>
</tr>
</thead>
<tbody>
<tr>
<td>BW 216 D-40</td>
<td>2960</td>
<td>2300</td>
<td>1500</td>
<td>2268</td>
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<td>35</td>
<td>2130</td>
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<tr>
<td>BW 216 PD-40</td>
<td>2960</td>
<td>2300</td>
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<td>490</td>
<td>5930</td>
<td>85</td>
<td>85</td>
<td>25</td>
<td>2130</td>
</tr>
</tbody>
</table>

**Standard Equipment**
- Warning, information and operation displays with round gauge
- Hydrostatic travel and vibration drive
- Hydrostatic articulated steering
- Articulated joint lock
- Rear axle with twin spring accumulator brakes
- No-Spin differential lock
- Warning horn
- Single lever control for travel and vibration
- Scrapers
- Emergency STOP
- Back-up warning system
- Operator seat

**Optional Equipment**
- ROPS/FOPS cabin with seat belts
- Working lights front / rear
- ROPS/FOPS with safety belt
- Comfort driver’s seat
- Rotary beacon
- Indicator and hazard lights
- Padfoot segment kit (D)
- Contact scrapers
- ECONOMIZER
- BOMAG Evib-Meter (BEM)
- TERRAMETER BTM prof
- BCM 05 Documentation system
- Special painting
- Air condition
- Sun roof
- Warning, information and operation displays
- Radio (Bluetooth)
### TECHNICAL DATA

#### Weights

<table>
<thead>
<tr>
<th></th>
<th>BW 216 D-40</th>
<th>BW 216 PD-40</th>
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</thead>
<tbody>
<tr>
<td>Grossweight</td>
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<td>Max. axle load, drum CECE</td>
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<td>Max. axle load, wheels CECE</td>
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<tr>
<td>Operating weight CECE</td>
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<td>15.700</td>
</tr>
<tr>
<td>Axle load, drum / wheels CECE</td>
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<td>10.700/5.000</td>
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<td>Static linear load CECE</td>
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<tr>
<td>Max. static linear load CECE</td>
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#### Dimensions

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Track radius, inner</td>
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<tr>
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<td>3.494</td>
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#### Driving Characteristics

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<tbody>
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<td>Speed (2)</td>
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#### Drive

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<tbody>
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<td>Deutz</td>
</tr>
<tr>
<td>Type</td>
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#### Drums and Tyres

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#### Brakes

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#### Steering

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<td>Steering method</td>
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<td>hydrost.</td>
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<td>Steering / oscillating angle +/-</td>
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#### Exciter System

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#### Capacities

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Technical modifications reserved. Machines may be shown with options.
**SINGLE DRUM ROLLER**
BW 218 D-40

**Fields of application:**
Heavy duty compaction work on thick fill materials. D-series models are suited to the compaction of hydraulically bound material, sand, gravel, crushed rock, semi-cohesive soil and rockfill.

---

**Dimensions in mm**

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<tr>
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<th>A</th>
<th>B</th>
<th>D</th>
<th>H</th>
<th>H2</th>
<th>K</th>
<th>L</th>
<th>O1</th>
<th>O2</th>
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<td>175</td>
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**Standard Equipment**
- Warning, information and operation displays with round gauge
- Hydrostatic travel and vibration drive
- Hydrostatic articulated steering
- Articulated joint lock
- Rear axle with twin spring accumulator brakes
- No-Spin differential lock
- Warning horn
- Single lever control for travel and vibration
- Scrapers
- Emergency STOP
- Back-up warning system
- Operator seat

**Optional Equipment**
- ROPS/FOPS cabin with seat belts
- Working lights front / rear
- ROPS/FOPS with safety belt
- Comfort driver’s seat
- Rotary beacon
- Indicator and hazard lights
- Padfoot segment kit
- Contact scrapers
- ECONOMIZER
- BOMAG Evib-Meter (BEM)
- TERRAMETER BTM prof
- BCM 05 Documentation system
- Special painting
- Air condition
- Sun roof
- Warning, information and operation displays
- Radio (Bluetooth)
### TECHNICAL DATA

#### Weights

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<tr>
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<th>Unit(s)</th>
<th>Value(s)</th>
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<td>Max. axle load, wheels CECE</td>
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<tr>
<td>Operating weight CECE</td>
<td>kg</td>
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<tr>
<td>Axle load, drum CECE</td>
<td>kg</td>
<td>12.000</td>
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<tr>
<td>Axle load, wheels CECE</td>
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#### Dimensions

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<td>Emission stage</td>
<td>water</td>
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<tr>
<td>Cooling</td>
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</tr>
<tr>
<td>Performance ISO 3046</td>
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<tr>
<td>Performance SAE J 1995</td>
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<tr>
<td>Speed</td>
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<tr>
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#### Drums and Tyres

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#### Exciter system

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#### Capacities

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Technical modifications reserved. Machines may be shown with options.
SOIL COMPACTOR
BC 473 EB-3

Fields of application:
Soil compactors are used for spreading and compaction work on large-scale construction sites and are designed to compact mixed and cohesive soils in thin to medium layer thicknesses. BOMAG soil compactors can be modified on-site with a choice of wheel types and dozer blades.

Standard Equipment
- Electronic engine management
- Electronic monitoring module with engine shut-down
- Dry air filter
- Multi fuel filter system
- Fuel bleeding pump
- Four wheel drives, hydraulic differential lock in the front and rear
- Oscillating articulated joint between front and rear frames
- Remote control in hydraulic circuit
- Activated carbon filter
- Working lights, 4 front / 2 rear
- Vibration insulated cab suspension
- Multi fuel filter system
- Reversible fan
- TELEMATIC POWER
- Oscillating articulated joint between front and rear frames
- Joystick steering
- Battery disconnecting switch
- Generator 80 A
- 24 V electrics
- Lockable cabin and engine hood
- Display instruments
- Safety glass cabin window panes
- Sun visor
- Hinged window left
- Windscreen wiper / washer front
- Outside rear mirrors
- Activated carbon filter
- High air intake
- Air suspended seat
- Control unit for dozer blade and travel direction control beside the driver’s seat
- Joystick steering
- Display instruments
- Lockable cabin and engine hood
- 24 V electrics
- Generator 80 A
- Battery disconnecting switch
- Working lights, 4 front / 2 rear
- Audible backup alarm
- Warning horn
- Access steps right / left
- Towing eyes front / rear
- Heated rear screens
- Reversible fan
- Working platform
- Rearview camera
- TELEMATIC POWER
* must be ordered separately

Optional Equipment
- Central lubrication system
- CD-Radio
- Pre start cabin heating
- Rotary beacon
- Fire extinguisher
- Electrical anti-theft system with numerical code
- Protective ventilation system (Pre-installation)
- Tool kit
- Protective grille for cabin
- Climatronic
- Tachograph
- LED Working head lights

Dimensions in mm

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<tr>
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<th>B3</th>
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PRE 930 15 010
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### BOMAG

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</tr>
<tr>
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</table>

Technical modifications reserved. Machines may be shown with options.
**SOIL COMPACTOR**

**BC 772 EB-2**

**Fields of application:**

Soil compactors are used for spreading and compaction work on large-scale construction sites and are designed to compact mixed and cohesive soils in thin to medium layer thicknesses. BOMAG soil compactors can be modified on-site with a choice of wheel types and dozer blades.

**Standard Equipment**

- Soil compactor dozer blade (3800 mm)*
- Special soil compaction wheels with padfeet*
- Adjustable scrapers in front of and behind each wheel
- Engine complying with exhaust gas standard TIER III
- Electronic engine management
- Electronic monitoring module with engine shut-down
- Engine air intake at a height of 4 m
- Cold starting system
- 3-stage fuel filter system
- Fuel bleeding pump
- Hydraulic all-wheel drive (Quad pump drive)
- Wear control in hydraulic circuit
- Oscillating articulated joint between front and rear frames
- Automatic central lubrication system
- Protection of all power train components by a armoured belly pan
- Wire deflector and drive protection on inner side of wheels
- ROPS/FOPS
- Noise insulated cab
- Vibration insulated cab suspension
- Cab ventilation with overpressure
- Activated charcoal filter for odour restriction
- Tinted safety glass panes
- Sun shades
- Sliding windows on both sides
- Front / rear windscrenn washer system
- Outside and inside rear mirrors
- Heated outside mirror
- Air cushioned seat with seat belts acc. to ISO 6683
- Seat heating
- Control unit for dozer blade and travel direction integrated in driver’s seat
- Adjustable joystick steering
- Display instruments
- CD-Radio
- Battery disconnecting switch
- LED Working lights, 6 front / 4 rear
- Rotary beacon
- Audible backup alarm
- Warning horn
- Access steps right / left
- Towing eyes front / rear
- Reversing monitor
- Reversible fan
- TELEMATIC POWER
- * must be ordered separately

**Optional Equipment**

- Dozer blade with tilting mechanism
- Pre start cabin heating
- Fire extinguisher
- Special painting
- Environmentally compliant hydraulic oil
- Lockable hood lock (anti-theft protection)
- Tool kit
- Tachograph
- Automatic heating - air conditioning

**Dimensions in mm**

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>B2</th>
<th>B3</th>
<th>D</th>
<th>H</th>
<th>H2</th>
<th>H4</th>
<th>K</th>
<th>L</th>
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</thead>
<tbody>
<tr>
<td>BC 772 EB-2</td>
<td>3500</td>
<td>3800</td>
<td>3550</td>
<td>3775</td>
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<td>4120</td>
<td>3820</td>
<td>1050</td>
<td>600</td>
<td>8120</td>
</tr>
</tbody>
</table>

PRE 570 90 010
## TECHNICAL DATA

### Weights
- Operating weight CECE kg
- Axle load, front CECE kg
- Axle load, rear CECE kg

### Driving Characteristics
- Speed (1), forward km/h
- Speed (2), forward km/h
- Speed (2), reverse km/h
- Speed (3), forward km/h
- Speed (3), reverse km/h
- Max. gradeability (dep. on soil cond.) %

### Drive
- Engine manufacturer
- Type
- Emission stage
- Cooling
- Number of cylinders
- Performance ISO 9249 kW
- Performance SAE J 1349 hp
- Speed min-1
- Travel system
- Number of travel motors
- Operating voltage V

### Compaction Wheels
- Width, front mm
- Width, rear mm
- Outer diameter (front) mm
- Outer diameter (rear) mm
- Number of teeth/cutters, front
- Number of teeth/cutters, rear
- Compaction coverage per side mm

### Brakes
- Service brake
- Parking brake
- Emergency brake

### Steering
- Steering system
- Steering method
- Steering angle +/- grad
- Oscillating angle +/- grad
- Track radius, inner mm

### Dozer Blade
- Height adjustment over ground level mm
- Height adjustment below ground level mm

### Capacities
- Fuel l
- Engine oil l
- Hydraulic oil l

---

Technical modifications reserved. Machines may be shown with options.
SOIL COMPACTOR
BC 772 EB-4

Fields of application:
Soil compactors are used for spreading and compaction work on large-scale construction sites and are designed to compact mixed and cohesive soils in thin to medium layer thicknesses. BOMAG soil compactors can be modified on-site with a choice of wheel types and dozer blades.

Standard Equipment
- Electronic engine management
- Electronic monitoring module with engine shut-down
- Engine air intake at a height of 4 m
- Dry air filter
- Cold starting system
- Multi fuel filter system
- Fuel bleeding pump
- Hydraulic all-wheel drive
- Wear control in hydraulic circuit
- Hydraulically operated articulated steering system
- Oscillating articulated joint between front and rear frames
- Automatic central lubrication system
- Compaction wheels, teeth with replaceable caps*
- Adjustable scrapers in front of and behind each wheel
- All drive components well protected by the closed frame pan
- Wire deflector and drive protection on inner side of wheels
- Soil compactor dozer blade (3800 mm)*
- ROPS/FOPS
- Noise insulated cab
- Vibration insulated cab suspension
- Cab ventilation with overpressure
- Activated charcoal filter for odour restriction
- Tinted safety glass panes
- Sun shades
- Sliding windows on both sides
- Front / rear windscreen washer system
- Interval switch for windscreen wiper
- Outside and inside rear mirrors
- Heated outside mirror
- Air suspended seat
- Seat heating
- Head rest
- TELEMATIC POWER
- Control unit for dozer blade and travel direction control integrated in driver’s seat
- Adjustable joystick steering
- Display instruments
- CD-Radio
- 24 V electrics
- Generator 150 A
- Battery disconnecting switch
- Working lights, 6 front / 4 rear (LED)
- Rotary beacon
- Audible backup alarm
- Warning horn
- Access steps right / left
- Towing eyes front / rear
- Air condition
- Heated rear windscreen
- Hydr. driven, reversible and speed controlled radiator fan
- Rearview camera
* must be ordered separately

Optional Equipment
- Dozer blade with tilting mechanism
- Premium compaction wheels with highly wear resistant teeth
- Pre start cabin heating
- Fire extinguisher
- Special painting
- Environmentally compliant hydraulic oil
- Protective ventilation system
  (Pre-installation)
- Lockable hood lock (anti-theft protection)
- Tool kit
- Cold start device 115V
- Cold start device 230V

Dimensions in mm

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>B2</th>
<th>B3</th>
<th>D</th>
<th>H</th>
<th>H2</th>
<th>H4</th>
<th>K</th>
<th>L</th>
</tr>
</thead>
<tbody>
<tr>
<td>BC 772 EB-4</td>
<td>3500</td>
<td>3800</td>
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<td>3775</td>
<td>1660</td>
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<td>1950</td>
<td>600</td>
<td>8370</td>
</tr>
</tbody>
</table>
**TECHNICAL DATA**

**Weights**
- Grossweight ........................................... kg
- Operating weight CECE ............................... kg
- Axle load, front / rear CECE ........................... kg

**Driving Characteristics**
- Speed (1), forward .................................. km/h
- Speed (1), reverse .................................. km/h
- Speed (2), forward .................................. km/h
- Speed (2), reverse .................................. km/h
- Speed (3), forward .................................. km/h
- Speed (3), reverse .................................. km/h
- Max. gradeability (dep. on soil con.) ............... %

**Drive**
- Engine manufacturer ..................................
- Type ......................................................
- Emission stage ........................................
- Exhaust gas aftertreatment ..........................
- Cooling ...................................................
- Number of cylinders ...................................
- Performance ISO 9249 ................................ kW
- Performance SAE J 1349 ............................. hp
- Speed .................................................... min⁻¹
- Travel system ...........................................
- Operating voltage .................................... V

**Compaction Wheels**
- Width, front / rear ................................... mm
- Outer diameter (front) ............................... mm
- Outer diameter (rear) ............................... mm
- Number of teeth/cutters, front ....................... mm
- Number of teeth/cutters, rear ....................... mm
- Compaction coverage per side ...................... mm

**Brakes**
- Service brake ...........................................
- Parking brake ...........................................

**Steering**
- Steering system ....................................... 
- Steering method ....................................... 
- Steering / oscillating angle +/- ..................... grad
- Track radius, inner ................................... mm

**Dozer Blade**
- Height adjustment over ground level .............. mm
- Height adjustment below ground level ............. mm

**Capacities**
- Fuel .................................................... l
- Engine oil ............................................ l
- Hydraulic oil ......................................... l
- AdBlue (DEF) ® ....................................... l

---

**BOMAG**
- BC 772 EB-4

- Engine manufacturer: Merc.-Benz
- Type: OM 471 LA
- Emission stage: Stage IV / TIER4f
- SCR
- Liquid: 
  - Oil: 60
  - Water: 1.700
  - Fuel: 340.0
  - Engine oil: 456.0
  - Hydro: 24

- Performance ISO 9249 ................................ kN
- Performance SAE J 1349 ............................. kW
- Number of cylinders .................................
- Oil aftertreatment ...................................
- Engine manufacturer ................................
- Max. gradeability (dep. on soil con.) ............ %

---

Technical modifications reserved. Machines may be shown with options.
SOIL COMPACTOR
BC 473 EB-5

Fields of application:
Soil compactors are used for spreading and compaction work on large-scale construction sites and are designed to compact mixed and cohesive soils in thin to medium layer thicknesses. BOMAG soil compactors can be modified on-site with a choice of wheel types and dozer blades.

Dimensions in mm

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>B2</th>
<th>B3</th>
<th>D</th>
<th>H</th>
<th>H4</th>
<th>K</th>
<th>L</th>
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</thead>
<tbody>
<tr>
<td>BC 473 EB-5</td>
<td>3500</td>
<td>3600</td>
<td>3560</td>
<td>3335</td>
<td>1580</td>
<td>3820</td>
<td>1027</td>
<td>600</td>
<td>8990</td>
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</tbody>
</table>

Standard Equipment
- Electronic engine management
- Electronic monitoring module with engine shut-down
- Dry air filter
- Multi fuel filter system
- Fuel bleeding pump
- Four wheel drives, hydraulic differential lock in the front and rear (Twin pump drive)
- Wear control in hydraulic circuit
- Oscillating articulated joint between front and rear frames
- Compaction wheels with highly wear resistant teeth*
- Adjustable scrapers in front of and behind each wheel
- All drive components well protected by the closed frame pan
- Blade 3600 mm / tilting mechanism*
- ROPS/FOPS
- Noise insulated cab with heating – air conditioning
- Vibration insulated cab suspension
- Safety glass cabin window panes
- Sun visor
- Hinged window left
- Windscreen wiper / washer front
- Outside rear mirrors
- Activated carbon filter
- High air intake
- Air suspended seat
- Central lubrication system
- TELEMATIC POWER
- Joystick steering
- Display instruments
- Lockable cabin/engine hood
- 24 V electrics
- Generator 150 A
- Battery disconnecting switch
- Working lights, 4 front / 2 rear
- Audible backup alarm
- Warning horn
- Access steps right / left
- Towing eyes front / rear
- Heated rear screens
- Reversible fan
- Working platform
- Rearview camera
* must be ordered separately

Optional Equipment
- CD-Radio
- Pre start cabin heating
- Rotary beacon
- Fire extinguisher
- Special painting
- Environmentally compliant hydraulic oil
- Electrical anti-theft system with numerical code
- Protective ventilation system (Pre-installation)
- Tool kit
- Protective grille for cabin
- Climatronic
- Tachograph
- LED Working head lights
- Cold start device (115V)
- Cold start device (230V)
- Protective grille, rear
## TECHNICAL DATA

### Weights
- Grossweight ................................................ kg
- Operating weight CECE ...................................... kg
- Axle load, front CECE ......................................... kg
- Axle load, rear CECE .......................................... kg

### Driving Characteristics
- Speed (1), forward ........................................ km/h
- Speed (1), reverse ........................................... km/h
- Speed (2), forward ........................................... km/h
- Speed (2), reverse ........................................... km/h
- Max. gradeability (dep. on soil con.) .................... %
- Max. pushing force .......................................... kN

### Drive
- Engine manufacturer ........................................
- Type ...............................................................
- Emission stage ................................................
- Exhaust gas aftertreatment ...............................
- Cooling ...........................................................
- Number of cylinders ......................................
- Performance ISO 9249 ..................................... kW
- Performance SAE J 1349 ................................... hp
- Speed ........................................................... min⁻¹
- Travel system ................................................
- Operating voltage .......................................... V

### Compaction Wheels
- Width, front .................................................. mm
- Width, rear ..................................................... mm
- Outer diameter (front) ..................................... mm
- Outer diameter (rear) ....................................... mm
- Number of teeth/cutters, front .........................
- Number of teeth/cutters, rear .........................
- Compaction coverage per side ....................... mm

### Brakes
- Service brake ................................................
- Parking brake ..............................................

### Steering
- Steering system ..............................................
- Steering method .............................................
- Steering angle +/- ......................................... grad
- Oscillating angle +/- ...................................... grad
- Track radius, inner ........................................ mm

### Dozer Blade
- Height adjustment over ground level ................ mm
- Height adjustment below ground level ................ mm

### Capacities
- Fuel .......................................................... l
- Hydraulic oil ................................................. l
- AdBlue (DEF) ® ............................................. l

---

### Technical Data

#### BOMAG

**BC 473 EB-5**

<table>
<thead>
<tr>
<th>Technical Data</th>
<th>Value</th>
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<td>26.000 kg</td>
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<tr>
<td>Axle load, front CECE</td>
<td>12.750 kg</td>
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<tr>
<td>Axle load, rear CECE</td>
<td>13.250 kg</td>
</tr>
<tr>
<td>Max. gradeability (dep. on soil con.)</td>
<td>0-4.5 %</td>
</tr>
<tr>
<td>Max. pushing force</td>
<td>100 kN</td>
</tr>
<tr>
<td>Engine manufacturer</td>
<td>Merc. Benz/MTU</td>
</tr>
<tr>
<td>OM 936 LA</td>
<td>Stage V / TIER4f</td>
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<tr>
<td>260,0</td>
<td>40,0</td>
</tr>
</tbody>
</table>

---

Technical modifications reserved. Machines may be shown with options.
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BTE 02 310

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BS 12000 PROFI 312  
BS 12000 314
The new BOMAG BM 500/15 is pure BOMAG: featuring innovative technology, robust design and extended service life, the best paving quality and intelligent fine detail. Easy operation and ultimate operator comfort plus simple maintenance combine to give the soundest return on your investment. Derived from the BM 500/15 model, the BM 600/15 boasts some unique features. With the transportation costs, space requirements, manoeuvrability and maintenance costs of the 500/15, this unit offers 20% more surface coverage making it ideal for any paving contract valued on square meterage.
## TECHNICAL DATA

### Milling Drum
- Milling width max: \( \quad \) mm
- Milling depth: \( \quad \) mm
- Milling line space: \( \quad \) mm
- Cutting diameter, tools: \( \quad \) mm
- Number of Tools: \( \quad \)
- Milling drum speed: \( \quad \) min\(^{-1}\)

### Drive
- Engine: \( \quad \)
- Type: \( \quad \)
- Emission stage: \( \quad \)
- Cooling: \( \quad \)
- Number of Cylinders / Displacement: \( \quad \) cm\(^3\)
- Power: \( \quad \) kW / PS
- Engine Speed: \( \quad \) U/min
- Electrical Equipment, Generator: \( \quad \) V / A
- Battery: \( \quad \) V / Ah

### Driving Characteristics
- Milling-radius 3-Wheels: \( \quad \) mm
- Milling-radius 4-Wheels: \( \quad \) mm
- Transport speed: \( \quad \) km/h
- Working speed: \( \quad \) m/min

### Wheels
- Type of wheels: \( \quad \)
- Rear wheel size (Ø x B): \( \quad \) mm
- Front wheel size 3-Wheels (Ø x B): \( \quad \) mm
- Front wheel size 4-Wheels (Ø x B): \( \quad \) mm

### Capacities
- Fuel: \( \quad \) l
- Water: \( \quad \) l
- Hydraulic oil: \( \quad \) l

### Loading-system
- Max. operating weight (incl. Options): \( \quad \) mm
- Operating weight, CECE (with conveyor): \( \quad \) m\(^3\)/h
- Basic weight (3-Wheels, Drum 500, w/o conveyor): \( \quad \) mm

### Weights
- Max. operating weight (incl. Options): \( \quad \) kg
- Operating weight, CECE (w/o conveyor): \( \quad \) kg
- Basic weight (3-Wheels, Drum 500, w/o conveyor): \( \quad \) kg

<table>
<thead>
<tr>
<th>BOMAG BM 500/15</th>
<th>BOMAG BM 600/15</th>
</tr>
</thead>
<tbody>
<tr>
<td>500</td>
<td>600</td>
</tr>
<tr>
<td>0 – 210</td>
<td>0 – 210</td>
</tr>
<tr>
<td>15</td>
<td>15</td>
</tr>
<tr>
<td>700</td>
<td>700</td>
</tr>
<tr>
<td>58</td>
<td>64</td>
</tr>
<tr>
<td>variable, 115, 130, 145</td>
<td>variable, 115, 130, 145</td>
</tr>
</tbody>
</table>

### Weights, Options
- Additional weight 4-Wheel Version: \( \quad \) kg
- Additional weight weather protection roof: \( \quad \) kg
- Additional weight split scraper: \( \quad \) kg
- Conveyor, long: \( \quad \) kg
- Conveyor, short: \( \quad \) kg

<table>
<thead>
<tr>
<th>Extra weight</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>210</td>
<td>164</td>
</tr>
<tr>
<td>164</td>
<td>50</td>
</tr>
<tr>
<td>50</td>
<td>520</td>
</tr>
<tr>
<td>520</td>
<td>120</td>
</tr>
</tbody>
</table>

### Transport dimensions
- Machine, L x B x H (Wheel folded in, w/o Canopy): \( \quad \) mm
- Machine, L x B x H (with canopy): \( \quad \) mm
- Conveyor, long, L x B x H: \( \quad \) mm
- Conveyor, short, L x B x H: \( \quad \) mm
- Max. distance of loading ramps (3-Wheels): \( \quad \) mm

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Dimension</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.735 x 1.330 x 2.500</td>
<td>3.735 x 1.430 x 2.500</td>
</tr>
<tr>
<td>3.735 x 1.635 x 2.750</td>
<td>3.735 x 1.735 x 2.750</td>
</tr>
<tr>
<td>6.247 x 824 x 1.010</td>
<td>6.247 x 824 x 1.010</td>
</tr>
<tr>
<td>1.200 x 824 x 1.010</td>
<td>1.200 x 824 x 1.010</td>
</tr>
<tr>
<td>700</td>
<td>700</td>
</tr>
</tbody>
</table>

Technical modifications reserved. Machines may be shown with options.
COLD PLANERS
BM 500/15, BM 600/15 - Tier 4

Fields of application:
The new BOMAG BM 500/15 is pure BOMAG: featuring innovative technology, robust design and extended service life, the best paving quality and intelligent fine detail. Easy operation and ultimate operator comfort plus simple maintenance combine to give the soundest return on your investment. Derived from the BM 500/15 model, the BM 600/15 boasts some unique features. With the transportation costs, space requirements, manoeuvrability and maintenance costs of the 500/15, this unit offers 20% more surface coverage making it ideal for any paving contract valued on square meterage.

Standard
Milling technology
- Milling Drum LA15
- 3 Milling-Drum speeds
- Proportional adjustable water injection
- Automatic water-saving device
- Wear-free, digital Milling-depth display
- Proportional Milling-depth adjustment
- Two proportional speeds for Milling-depth adjustment
- Hydraulically operated side-plates
- Hydraulically operated front mouldboard
- Rear mouldboard with adjustable pre-load-pressure
- Right side-plate for fast Drum-exchange
- Automatic load-control
- Automatic distribution of traction

Drive Systems
- 3-Wheel drive
- Right rear wheel foldable from operator place
- Variable transport speed
- Variable operating speed
- Mechanical Drum drive

Operation comfort
- Fully vibration-isolated operator-platform
- Comfort-workstation for sitting operation
- Seat heating
- Ergonomic adjustable operator seat, 45° to slew
- Ergonomic adjustable steering wheel / column
- Height-adjustable arm-rest with integrated ergonomic operation panel
- Self-explanatory, well-arranged dashboard
- Large storage at ground level
- Service- and maintenance-points ergonomic concentrated

Safety & environmental protection
- Whisper-package for noise elimination
- Liquid cooled engine following latest emission rules
- Back-up-alarm
- Two driving lights
- variable working lights
- Rotary-beacon
- CE-conform safety-package with emergency-stop-switches
- Mirror
- Vandalism protection

Optional
Basic machine
- 4-Wheel-version
- Weather protection roof
- Splitted Scraper
- Port for hydraulic breaker
- Road lights
- Additional working-light, plug in
- Additional working-light, magnet base
- Special colour
- Biodegradable hydraulic oil

Milling technology
- Milling-Drum 620 LA15
- POWER DRUM 500 LA20
- Fine Milling-Drum 660 LA6
- Milling drum 500 LA15
- POWER DRUM 600 LA20
- Fine Milling-Drum 550 LA6
- Milling drum 400 LA14
- Milling drum 300 LA14

Loading-system
- Conveyor, long
- Conveyor, long, hyd. foldable
- Conveyor, short

Automatic Levelling systems
- Levelling Basic, levelling-display, wire-rope sensor, controller (single grade)
- Levelling Advanced 1, additional wire-rope sensor (dual grade)
- Levelling Advanced 2, slope sensor

Others
- Hydraulicbreaker
- Transport trailer
## TECHNICAL DATA

### Milling Drum
- Milling width max.: mm
- Milling depth: mm
- Milling line space: mm
- Cutting diameter, tools: mm
- Number of Tools: 
- Milling drum speed: min⁻¹

### Drive
- Engine Manufacturer: 
- Type: 
- Emission stage: 
- Cooling: 
- Number of Cylinders / Displacement: cm³
- Power: kW / P
- Engine Speed: U/min
- Electrical Equipment, Generator: V / A
- Battery: V / Ah

### Driving Characteristics
- Milling-radius 3-Wheels: mm
- Milling-radius 4-Wheels: mm
- Transport speed: km/h
- Working speed: m/min

### Wheels
- Type of wheels: 
- Rear wheel size (Ø x B): mm
- Front wheel size 3-Wheels (Ø x B): mm
- Front wheel size 4-Wheels (Ø x B): mm

### Capacities
- Fuel: l
- Water: l
- Hydraulic oil: l

### Loading-system
- Max. operating weight (incl. Options): mm
- Operating weight, CECE (with conveyor): m³/h
- Basic weight (3-Wheels, Drum 500, w/o conveyor): mm

### Weights
- Max. operating weight (incl. Options): kg
- Operating weight, CECE (with conveyor): kg
- Basic weight (3-Wheels, Drum 500, w/o conveyor): kg

### Weights, Options
- Additional weight 4-Wheel Version: kg
- Additional weight weather protection roof: kg
- Additional weight split scraper: kg
- Conveyor, long: kg
- Conveyor, short: kg

### Transport dimensions
- Machine, L x B x H (Wheel folded in, w/o Canopy): mm
- Machine, L x B x H (with canopy): mm
- Conveyor, long, L x B x H: mm
- Conveyor, short, L x B x H: mm
- Max. distance of loading ramps (3-Wheels): mm

### BOMAG BM 500/15
- Power: kW / PS 105 / 143
- Cutting diameter, tools: mm
- Fuel consumption: l/h
- Milling width max.: mm
- Milling depth: mm
- Milling line space: mm
- Cutting diameter, tools: mm
- Milling drum speed: min⁻¹
- Engine manufacturer: Deutz
- Emission stage: Stage V/CARB P.3
- Type: TCD4.1

### BOMAG BM 600/15
- Power: kW / PS 105 / 143
- Cutting diameter, tools: mm
- Fuel consumption: l/h
- Milling width max.: mm
- Milling depth: mm
- Milling line space: mm
- Cutting diameter, tools: mm
- Milling drum speed: min⁻¹
- Engine manufacturer: Deutz
- Emission stage: Stage V/CARB P.3
- Type: TCD4.1

---

Technical modifications reserved. Machines may be shown with options.
Fields of application:
The cold milling machines BM 1000/30, BM 1200/30 and BM 1300/30 are designed for selective milling of lane and ground linings. Due to their clear arrangement and maneuverability, they are especially suited for agricultural roads and inner-city work including work on roundabouts. The maximum milling depth of 320 mm and the lateral arrangement of the milling rotor allows milling right up to the curb or walls.

Standard
Milling technology
- Milling Drum LA15
- BOMAG BMS 15 exchangeable toolholder
- Proportional adjustable water injection
- Leveling, 2 sides + slope
- Hydraulically operated side-plates
- Hydraulically operated front mouldboard
- Rear mouldboard with adjustable pre-load-pressure
- Automatic load-control
- Automatic distribution of traction
- Hydraulically foldable Conveyor

Drive Systems
- 4-Crawlers
- 4 crawler steerable, front or/and rear
- Crabwalk
- Automatic distribution of traction
- Variable transport speed
- Variable operating speed
- Mechanical Drum-drive

Operation comfort
- Comfort-workstation for sitting operation
- Ergonomic side-shifting of operator seat
- Self-explanatory, well-arranged dashboards
- Ground control panels
- Service- and maintenance-points ergonomic concentrated

Safety & environmental protection
- SCR-Cat with Add-blue
- Whisper-package for noise elimination
- Variable placeable working-lights
- Rotary-beacon
- Mirrors
- Safety-package with emergency-stop-switches
- Back-up-alarm
- Vandalism protection

Optional
Basic machine
- Weather protection roof
- Water filling pump
- High pressure cleaner
- Compressed air system
- Road lights
- Special colour
- Biodegradable hydraulic oil

Milling technology
- Milling-Drum 1000, BMS15, LA15
- Milling-Drum 1200, BMS15, LA15
- Milling-Drum 1300, BMS15, LA15
- Fine-Milling-Drum 1000, BMS15, LA8
- Fine-Milling-Drum 1200, BMS15, LA8
- Fine-Milling-Drum 1300, BMS15, LA8
- POWER DRUM 1000, BMS15, LA22
- POWER DRUM 1200, BMS15, LA22
- POWER DRUM 1300, BMS15, LA22

Levelling Systems and electronic support
- BOMAG TELEMATIC
TECHNICAL DATA

Milling Drum
Milling width max ........................................ mm
Milling depth ................................................ mm
Milling line space ........................................ mm
Cutting diameter .......................................... mm
No. of Tools .............................................. mm
Milling Drum Speed ....................................... min⁻¹

Drive
Engine Manufacturer ......................................
Type ..........................................................
Emission standards ......................................
Cooling ......................................................
No. of cylinders / Displacement ........................ cm³
Power ......................................................... kW / PS
Engine Speed ............................................. U/min
Peak Torque ................................................ Nm
Consumption at max. Torque ......................... g/kWh
Consumption at rated Power ......................... g/kWh
Consumption at Job-mix ................................. l/h
Generator .................................................... V
Battery ....................................................... V / Ah

Driving Characteristics
Transport-speed .......................................... km/h
Operating-speed ......................................... m/min
Crawler size L x W x H .................................... mm

Capacities
Fuel ............................................................ l
Water ........................................................... l
Hydraulic ..................................................... l

Loading-system
Conveyor width, inside / outside ...................... mm
Theoretical capacity ..................................... m³/h
Discharge height .......................................... mm

Weights
Max. Operating weight (incl. Options) ............... kg
Operating weight CE ..................................... kg
Basic weight ............................................... kg
Additional weights for Options
Weather protection roof ............................... kg
Fine-milling-drum LAB ............................... kg

The following factors greatly influence performance when the equipment is employed practically: Different milling material, waiting for lorries, traffic hold-ups, road installations such as manhole covers, hydrants, etc.

Technical modifications reserved. Machines may be shown with options.
**Fields of application:**
The cold milling machines BM 1000/30, BM 1200/30 and BM 1300/30 are designed for selective milling of lane and ground linings. Due to their clear arrangement and manoeuvrability, they are especially suited for agricultural roads and inner-city work including work on roundabouts. The maximum milling depth of 320 mm and the lateral arrangement of the milling rotor allows milling right up to the curb or walls.
### TECHNICAL DATA

#### Milling Drum
- Milling width max: \( \text{BM 1000/30} = 1.000 \text{ mm}, \text{BM 1200/30} = 1.200 \text{ mm}, \text{BM 1300/30} = 1.300 \text{ mm} \)
- Milling depth: \( 0 \text{ – 320 mm} \)
- Milling line space: \( 15 \text{ mm} \)
- Cutting diameter: \( 980 \text{ mm} \)
- No. of Tools: \( 99 \text{ mm} \)
- Milling Drum Speed: \( 111 \text{ min}^{-1} \)

#### Drive
- Engine Manufacturer: CAT
- Type: C7.1 ACERT
- Emission standards: 4/4 final
- Cooling: Liquid cooled
- No. of cylinders / Displacement: \( 6 / 7.000 \text{ cm}^3 \)
- Power: \( 205 / 280 \text{ kW} \)
- Engine Speed: \( 2,200 \text{ U/min} \)
- Peak Torque: \( 1,257 \text{ Nm} \)
- Consumption at max. Torque: \( 212 \text{ g/kWh} \)
- Consumption at rated Power: \( 231 \text{ g/kWh} \)
- Consumption at Job-mix: \( 26 \text{ l/h} \)
- Generator: \( 24 \text{ V} \)
- Battery: \( 2 \times 12 / 132 \text{ Ah} \)

#### Driving Characteristics
- Transport-speed: \( 0 \text{ – 6 km/h} \)
- Operating-speed: \( 0 \text{ – 28 m/min} \)
- Crawler size L x W x H: \( 1.275 \times 268 \times 570 \text{ mm} \)

#### Capacities
- Fuel: \( 450 \text{ l} \)
- AdBlue: \( 40 \text{ l} \)
- Water: \( 1.250 \text{ l} \)
- Hydraulic: \( 130 \text{ l} \)
- Loading-system:
  - Conveyor width, inside / outside: \( 600 / 600 \text{ mm} \)
  - Theoretical capacity: \( 170 \text{ m}^3/\text{h} \)
  - Discharge height: \( 4.600 \text{ mm} \)

#### Weights
- Max. Operating weight (incl. Options): \( 20.000 \text{ kg} \)
- Operating weight CE: \( 19.150 \text{ kg} \)
- Basic weight: \( 18.715 \text{ kg} \)
- Additional weights for Options:
  - Weather protection roof: \( 150 \text{ kg} \)
  - Fine-milling-drum LAB: \( 300 \text{ kg} \)

#### Milling Drum Calculations

<table>
<thead>
<tr>
<th>Rate of advance V (m/min)</th>
<th>4</th>
<th>8</th>
<th>12</th>
<th>16</th>
<th>24</th>
<th>32</th>
</tr>
</thead>
<tbody>
<tr>
<td>BM 1000/30</td>
<td>( 18 \cdot 24 )</td>
<td>( 12 \cdot 16 )</td>
<td>( 9 \cdot 12 )</td>
<td>( 6.5 \cdot 9 )</td>
<td>( 3.5 \cdot 6 )</td>
<td>( 2 \cdot 3 )</td>
</tr>
<tr>
<td>BM 1200/30</td>
<td>( 15 \cdot 20 )</td>
<td>( 10 \cdot 15 )</td>
<td>( 9 \cdot 10 )</td>
<td>( 5.5 \cdot 9 )</td>
<td>( 2.5 \cdot 5 )</td>
<td>( 1.5 \cdot 3 )</td>
</tr>
<tr>
<td>BM 1300/30</td>
<td>( 13 \cdot 19 )</td>
<td>( 9 \cdot 12 )</td>
<td>( 7 \cdot 9 )</td>
<td>( 5 \cdot 7 )</td>
<td>( 2.5 \cdot 4 )</td>
<td>( 1 \cdot 3 )</td>
</tr>
</tbody>
</table>

### Technical modifications reserved. Machines may be shown with options.
COLD PLANERS
BM 1000/35, BM 1200/35, BM 1300/35 - Tier 3
with changed swivelling mechanism

Fields of application:
The cold milling machines BM 1000/35, BM 1200/35 and BM 1300/35 are designed for selective milling of lane and ground linings. Due to their clear arrangement and manoeuvrability, they are especially suited for agricultural roads and inner-city work including work on roundabouts. The maximum milling depth of 330 mm and the lateral arrangement of the milling rotor allows milling right up to the curb or walls.
### TECHNICAL DATA

#### Milling Drum
- Milling width max.:mm
- Milling depth:mm
- Milling line space:mm
- Cutting diameter:mm
- No. of Tools:min⁻¹
- Milling Drum Speed:min⁻¹

#### Drive
- Engine Manufacturer:
- Type:
- Emission standards:
- Cooling:
- No. of cylinders / Displacement:cm³
- Power:KW / PS
- Engine Speed:U/min
- Peak Torque:Nm
- Consumption at rated Power:g/kWh
- Generator:V / A
- Battery:V / Ah

#### Driving Characteristics
- Transport-speed:km/h
- Operating-speed:mm/min
- Crawler size L x W x H:mm

#### Capacities
- Fuel:l
- Water:l
- Hydraulic:l

#### Loading-system
- Conveyor width, inside / outside:mm
- Theoretical capacity:m³/h
- Discharge height:mm

#### Weights
- Max. Operating weight (incl. Options):t
- Operating weight CE:t
- Basic weight:t

#### Additional weights for Options
- Weather protection roof:kg
- Dust reduction:kg
- Splitted Scraper:kg
- Quick Drum exchange system:kg
- Fine-milling-drum LAB:kg
- Ballast 1, frame:kg
- Ballast 2, milling compartment:kg

---

<table>
<thead>
<tr>
<th>BOMAG BM 1000/35</th>
<th>BOMAG BM 1200/35</th>
<th>BOMAG BM 1300/35</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.000</td>
<td>1.200</td>
<td>1.300</td>
</tr>
<tr>
<td>0 – 330</td>
<td>0 – 330</td>
<td>0 – 330</td>
</tr>
<tr>
<td>15</td>
<td>15</td>
<td>15</td>
</tr>
<tr>
<td>980</td>
<td>980</td>
<td>980</td>
</tr>
<tr>
<td>99</td>
<td>115</td>
<td>121</td>
</tr>
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<td>variable, 85,</td>
<td>variable, 85,</td>
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<tr>
<td>96, 107</td>
<td>95, 107</td>
<td>95, 107</td>
</tr>
</tbody>
</table>

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Technical modifications reserved. Machines may be shown with options.
COLD PLANERS
BM 1000/35, BM 1200/35, BM 1300/35 - Tier 4

Fields of application:
The cold milling machines BM 1000/35, BM 1200/35 and BM 1300/35 are designed for selective milling of lane and ground linings. Due to their clear arrangement and manoeuvrability, they are especially suited for agricultural roads and inner-city work including work on roundabouts. The maximum milling depth of 330 mm and the lateral arrangement of the milling rotor allows milling right up to the curb or walls.
## TECHNICAL DATA

### Technical Data

#### Milling Drum
- Milling width max. mm .......................... mm
- Milling depth mm .......................... mm
- Milling line space mm .......................... mm
- Cutting diameter mm .......................... mm
- No. of Tools.............................................
- Milling Drum Speed min⁻¹ .......................... min⁻¹

#### Drive
- Engine Manufacturer ..........................
- Type .................................................
- Emission standards ................................ cm³
- Cooling ............................................. kW / PS
- No. of cylinders / Displacement cm³
- Power kW / PS .......................... U/min
- Peak Torque Nm ..........................
- Consumption at rated Power g/kWh ..........................
- Consumption at Job-mix l/h ..........................
- Generator V / A ..........................
- Battery V / Ah ..........................

#### Driving Characteristics
- Transport-speed km/h ..........................
- Operating-speed m/min ..........................
- Crawler size L x W x H mm ..........................

#### Capacities
- Fuel l .............................................
- Water l .............................................
- Hydraulic l .............................................

#### Loading-system
- Conveyer width, inside / outside mm ..........................
- Theoretical capacity m³/h ..........................
- Discharge height mm ..........................

#### Weights
- Max. Operating weight (incl. Options) t ..........................
- Operating weight CE t ..........................
- Basic weight t ..........................

#### Additional weights for Options
- Weather protection roof kg ..........................
- Dust reduction kg ..........................
- Splitted Scraper kg ..........................
- Quick Drum exchange system kg ..........................
- Fine-milling-drum LA8 kg ..........................
- Ballast 1, frame kg ..........................
- Ballast 2, milling compartment kg ..........................

### BOMAG BM 1000/35
- kW / PS ..........................
- m³/h ..........................
- l ..........................

### BOMAG BM 1200/35
- kW / PS ..........................
- m³/h ..........................
- l ..........................

### BOMAG BM 1300/35
- kW / PS ..........................
- m³/h ..........................
- l ..........................

---

Technical modifications reserved. Machines may be shown with options.
COLD PLANERS
BM 2000/60-2, BM 2200/60-2

Fields of application:
The cold milling machine BM 2000/60-2 and BM 2200/60-2 are designed for selective milling of lane and ground linings. Due to their size and efficiency, they are particularly suitable for repair work or complete removal of motorways and major federal roads. With a standard width of 2000/2200 mm and a maximum milling depth of 320 mm, large areas can be quickly removed in one work stage.

Dimensions in mm

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>B2</th>
<th>H</th>
<th>H2</th>
<th>H3</th>
<th>K</th>
<th>L</th>
<th>L1</th>
</tr>
</thead>
<tbody>
<tr>
<td>BM 2000/60-2</td>
<td>4720</td>
<td>2500</td>
<td>1870</td>
<td>2960</td>
<td>3990</td>
<td>4500</td>
<td>1120</td>
<td>14900</td>
<td>12000</td>
</tr>
<tr>
<td>BM 2200/60-2</td>
<td>4720</td>
<td>2500</td>
<td>1870</td>
<td>2960</td>
<td>3990</td>
<td>4500</td>
<td>1120</td>
<td>14900</td>
<td>12000</td>
</tr>
</tbody>
</table>

Standard Equipment
- Four-track steering
  - front or/and rear, crabwalk
- Automatic max. load control
- Differential lock
- Automatic milling depth control MOBA
- 2 MOBA Displays
- Slope control with slope sensor
- Hydraulically foldable conveyor belt
- Display of RPM
- Display of engine oil pressure and temperature
- Display of operating hours
- Display of diesel level
- Display of hydraulic oil temperature
- Display of hyd. system pressures
ground control panels
- Sound insulated engine hood
- 10 removable headlights
- Adjustable water spraying system
- Tool box for servicing and maintenance
- Back-up warning signal
- Rotary beacon

Optional Equipment
- Hydraulically foldable canopy
- Canopy with windscreens
- Hydraulically pump for water re-filling
- High pressure cleaner
- Levelling with ultrasound sensor
- Electrical diesel pump for fuel refilling
- Compressed air system
### TECHNICAL DATA

#### Milling drum
- Milling width: 2,000 mm
- Milling depth: 0-320 mm
- Milling line distance: 15 mm
- Cutting circle diameter: 1,070 mm
- Number of cutting teeth: 168
- Output per cutting tooth: 2,62 kW
- Speed: 108 1/min

#### Drive
- Engine manufacturer: Deutz
- Type: TCD 2015 V08
- Emission stage: Stage IIIa / TIER3
- Cooling: Liquid
- Performance ISO 3046: 440,0 kW
- Performance ISO 3046 (hp): 600,0 hp
- Speed: 1,900 min-1
- Fuel: diesel
- Electric equipment: 24 V

#### Weights
- Grossweight: 32.500 kg
- Operating weight CECE: 30.300 kg
- Basic weight: 28.100 kg

#### Driving Characteristics
- Track radius, inner: 2.100 mm
- Speed (1): 5.0 km/h
- Working speed, max.: 0-40 m/min
- Chassis
  - Type of chassis: crawler
  - Width: 300 mm
  - Height: 640 mm
  - Length: 1.700 mm

#### Capacities
- Fuel: 1.200,0 l
- Water: 3.500,0 l
- Hydraulic: 230,0 l

#### Loading system
- Width of gathering belt: 800 mm
- Length of gathering belt: 2.400 mm
- Width of loader conveyor belt: 800 mm
- Length of loader conveyor belt: 7.600 mm

#### Dimensions
- Transport dimensions, belt lowered, leng: 14.900 mm
- Transport dimensions, belt lowered, widt: 2.500 mm
- Transport dimensions, belt lowered, heig: 2.960 mm
- Transport dimensions, belt folded, leng: 12.000 mm

---

Technical modifications reserved. Machines may be shown with options.
Fields of application:
The new BM 2000/75 and BM 2200/75 cold planers are designed for selective milling of road layers, bases and surface materials. Their output and efficiency make these models especially suited to large-scale projects on motorways, major roads and airports. The wide range of milling drums, impressive manoeuvrability, and large conveyor belt swashing angle means applications also extend to smaller projects for greater machine utilisation. With a standard width of 2,000 mm or 2,200 mm and a maximum milling depth of 320 mm, high material volumes can be quickly removed in one operation. The maintenance-free BOMAG BMS 15 exchange holder system significantly reduces operating costs.
## TECHNICAL DATA

### Milling Drum
- Working width max.: mm
- Working depth: mm
- Linespace: mm
- Cutting diameter: mm
- No of tools:
- Milling drum speed: \( \text{rpm} \)

### Drive Train
- Engine Manufacturer:
- Type:
- Cooling:
- No of Cylinders / Displacement: \( \text{cm}^3 \)
- Power:
  - \( \text{kW} / \text{PS} \)
  - \( \text{U/min} \)
- Max Torque:
  - \( \text{Nm} / \text{U/min} \)
- Fuel consumption at max Torque:
- Generator:
- Battery:
- Emission level:

### Driving Characteristics
- Transport Speed: km/h
- Working speed: m/min
- Crawlers: L x B x H

### Capacities
- Fuel: l
- Water: l
- Hydraulic oil: l

### Loading System
- Conveyor width, inner /outer: mm
- Theoretical discharge capacity: \( \text{m}^3 / \text{h} \)
- Discharge height: mm

### Weights
- Max. Operating Weight (incl. Options): kg
- Operating Weight CECE: kg
- Own Weight inclusive Milling compartment*: kg
- Own Weight exclusive Milling compartment*: kg

### Additional weights for Options
- Canopy: kg
- Dust reduction system: kg
- Compressor: kg
- Detachable Milling-Compartment (SW): kg
- Quick-change Drum system (SW): kg
- Ballast 1, Frame: kg
- Ballast 2, Milling-compartment: kg

---

**Technical modifications reserved. Machines may be shown with options.**

<table>
<thead>
<tr>
<th></th>
<th>BOMAG BM 2000/75</th>
<th>BOMAG BM 2200/75</th>
</tr>
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<tbody>
<tr>
<td></td>
<td>kW</td>
<td>kW</td>
</tr>
<tr>
<td>Idle at rated Power</td>
<td>2,100</td>
<td>2,100</td>
</tr>
<tr>
<td>Max Torque</td>
<td>3.340 ( @1.300 )</td>
<td>3.340 ( @1.300 )</td>
</tr>
<tr>
<td>Fuel consumption at max Torque / at rated Power</td>
<td>195 / 205</td>
<td>195 / 205</td>
</tr>
<tr>
<td>Generator</td>
<td>2 x 12 / 200</td>
<td>2 x 12 / 200</td>
</tr>
<tr>
<td>Battery</td>
<td>28</td>
<td>28</td>
</tr>
<tr>
<td>Emission level</td>
<td>EU Stage IV / US Tier 4 final</td>
<td>EU Stage IV / US Tier 4 final</td>
</tr>
<tr>
<td>Transport Speed</td>
<td>0 – 7,5</td>
<td>0 – 7,5</td>
</tr>
<tr>
<td>Working speed</td>
<td>0 – 70</td>
<td>0 – 70</td>
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<tr>
<td>Working depth</td>
<td>1,950 x 370 x 785</td>
<td>1,950 x 370 x 785</td>
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<tr>
<td>Fuel</td>
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<td>Water</td>
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<td>4,000</td>
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<tr>
<td>Hydraulic oil</td>
<td>400</td>
<td>400</td>
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<tr>
<td>conveyor width, inner / outer</td>
<td>900 / 900</td>
<td>900 / 900</td>
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<tr>
<td>theoretical discharge capacity</td>
<td>485</td>
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<td>discharge height</td>
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<tr>
<td>max. operating weight (incl. options)</td>
<td>37,500</td>
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<td>34,500</td>
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<td>canopy</td>
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<tr>
<td>dust reduction system</td>
<td>120</td>
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<tr>
<td>compressor</td>
<td>130</td>
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<tr>
<td>detachable milling-compartment (sw)</td>
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<td>100</td>
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<tr>
<td>quick-change drum system (sw)</td>
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<tr>
<td>ballast 1, frame</td>
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</tr>
<tr>
<td>ballast 2, milling-compartment</td>
<td>830</td>
<td>830</td>
</tr>
</tbody>
</table>

---

*Technical modifications reserved. Machines may be shown with options.*
Fields of application:
The RS can be used as a recycler or soil stabilizer. Used as a recycler, worn and damaged asphalt surfaces and base layers can be pulverised, crushed and mixed with new binders. As a soil stabilizer, the unit is used for mixing lime, fly ash or cement with existing materials to improve soils and strengthen sub-surfaces in preparation for backfill, anti-frost layers and base layers.
### TECHNICAL DATA

#### Weights
- Operating weight: $\text{kg}$
- Axle load, front: $\text{kg}$
- Axle load, rear: $\text{kg}$

#### Dimensions
- Track radius, inner: $\text{mm}$

#### Driving Characteristics
- Speed (1): $\text{km/h}$
- Max. gradeability (dep. on soil con.): $\%$

#### Drive
- Engine manufacturer:
- Type:
- Emission stage:
- Number of cylinders:
- Performance ISO 9249: $\text{kW}$
- Performance SAE J 1995: $\text{hp}$
- Speed:
- Electric equipment: $\text{V}$
- Drive system:
- Driven wheels:

#### Tyres
- Tyre size, front:
- Tyre size, rear:

#### Brakes
- Service brake:
- Parking brake:

#### Steering
- Steering system:
- Steering method:

#### Rotor
- Rotor width: $\text{mm}$
- Rotor diameter, outer: $\text{mm}$
- Rotor speed 1: $\text{min}^{-1}$
- Rotor speed 2: $\text{min}^{-1}$
- Sense of rotation:
- Max. cutting depth: $\text{mm}$
- Number of cutting teeth:

#### Capacities
- Fuel: $\text{l}$

---

### BOMAG RS 360

<table>
<thead>
<tr>
<th></th>
<th>Technical Data</th>
</tr>
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<tbody>
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<td>BOMAG RS 360</td>
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<td></td>
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Technical modifications reserved. Machines may be shown with options.
**STABILIZER/RECYCLER**

RS 360 - Tier 4

**Fields of application:**
The RS can be used as a recycler or soil stabilizer. Used as a recycler, worn and damaged asphalt surfaces and base layers can be pulverised, crushed and mixed with new binders. As a soil stabilizer, the unit is used for mixing lime, fly ash or cement with existing materials to improve soils and strengthen sub-surfaces in preparation for backfill, anti-frost layers and base layers.

**Standard Equipment**
- Hydrostatic rotor drive with automatic power adjustment
- Hydrostatic drive
- Anti Slip Control (ASC)
- Rear drive system with Double Reduction Planetary Gearbox Drive and SAHR brakes
- Connectible all wheel drive
- Hydraulic power steering
- Single lever control for travel and steer assist braking
- Battery disconnect switch
- Two-stage double air filter system
- Emergency engine shut down
- Vehicle hydraulic system monitoring and warning system
- Warning horn
- Emergency STOP
- Back-up alarm

**Optional Equipment**
- ROPS/FOPS cabin with seat belts
  - + heating
  - + Air condition
- Working lights
- 4-way flashers (US-Standard)
- Water metering system
- Special paint
- ROPS/FOPS

**Dimensions in mm**

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>H</th>
<th>K</th>
<th>L</th>
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### TECHNICAL DATA

#### Weights
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<tr>
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<th>Value</th>
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<tbody>
<tr>
<td>Operating weight CECE</td>
<td>kg</td>
</tr>
<tr>
<td>Axle load, front CECE</td>
<td>kg</td>
</tr>
<tr>
<td>Axle load, rear CECE</td>
<td>kg</td>
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#### Dimensions
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<th>Value</th>
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<tbody>
<tr>
<td>Track radius, inner</td>
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#### Driving Characteristics
<table>
<thead>
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<tr>
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<td>km/h</td>
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<tr>
<td>Max. gradeability (dep. on soil con.)</td>
<td>%</td>
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#### Drive
<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
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<tr>
<td>Performance ISO 9249</td>
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<tr>
<td>Performance SAE J 1995</td>
<td>hp</td>
</tr>
<tr>
<td>Speed</td>
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<tr>
<td>Electric equipment</td>
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<tr>
<td>Drive system</td>
<td></td>
</tr>
<tr>
<td>Driven wheels</td>
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#### Tyres
<table>
<thead>
<tr>
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<th>Value</th>
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<tbody>
<tr>
<td>Tyre size, front</td>
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<tr>
<td>Tyre size, rear</td>
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#### Brakes
<table>
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<th>Value</th>
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<tbody>
<tr>
<td>Service brake</td>
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<tr>
<td>Parking brake</td>
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#### Steering
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<tr>
<td>Steering method</td>
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#### Rotor
<table>
<thead>
<tr>
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<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Rotor width</td>
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<tr>
<td>Rotor diameter, outer</td>
<td>mm</td>
</tr>
<tr>
<td>Rotor speed 1</td>
<td>min-1</td>
</tr>
<tr>
<td>Rotor speed 2</td>
<td>min-1</td>
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<tr>
<td>Sense of rotation</td>
<td>up-cut</td>
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<tr>
<td>Max. cutting depth</td>
<td>mm</td>
</tr>
<tr>
<td>Number of cutting teeth</td>
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#### Capacities
<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
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<tbody>
<tr>
<td>Fuel</td>
<td>l</td>
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<tr>
<td>AdBlue (DEF)®</td>
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**STABILIZER/RECYCLER**

**RS 460, RS 500 - Tier 3**

**Fields of application:**
The RS can be used as a recycler or soil stabilizer. Used as a recycler, worn and damaged asphalt surfaces and base layers can be pulverised, crushed and mixed with new binders. As a soil stabilizer, the unit is used for mixing lime, fly ash or cement with existing materials to improve soils and strengthen sub-surfaces in preparation for backfill, anti-frost layers and base layers.

<table>
<thead>
<tr>
<th>Layer thickness</th>
<th>I. Soil stabilisation with cement and lime in sand and gravel</th>
<th>II. Improvement with lime in mixed soils</th>
<th>III. Pulverisation of silt and clay</th>
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<tbody>
<tr>
<td>cm</td>
<td>m² / day 14.000-17.000 9.000-14.500 6.500-10.000</td>
<td>m² / day 15.000-20.000 10.000-15.000 9.000-13.000</td>
<td>m² / day 7.000-11.000 6.000-9.000 4.500-8.000</td>
</tr>
<tr>
<td>20</td>
<td>20 30 50</td>
<td>20 30 50</td>
<td>20 30 50</td>
</tr>
<tr>
<td>30</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>50</td>
<td></td>
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</tr>
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</table>

**Standard Equipment**
- Hydrostatic drive / all wheel
- Anti Slip Control (ASC) (RS460)
- Hydr./ mech. rotor drive with autom. power control
- Rotor laterally slidable (RS500)
- Hydr. adjustable rotor inclination, automatic
- BOMAG FLEXMIX Technology (RS500)
- BOMAG Quick-change holder BR505
- Hydr. tailgate with floating position+Load application function
- Hydrostatic articulated steering
- Hydrostatic rear axle steering
- 4 Steering modes
- Height adjustable ROPS cab
  - Transport/working position
  - slewable/slidable multi-function workplace
  - heating
  - Air condition
  - Radio
- Working lights (LED)
- Rotary beacon
- Camera system Plus
- 4x Emergency STOP
- Air compressor + Connecting port for compressed air tools
- Lockable stowage compartments
- Central lubrication system (RS460)
- compressed air system + Compressed air set

**Optional Equipment**
- Water metering system (900l + 1600l)
- Water prefilter
- Emulsion metering system 900l/min.
- Emulsion filter
- Dosing bar for cement suspension
- Printer for metering computer
- BOMAG SMART DOSING
- Rotor CMI-Layout
- Quick-change holder 20mm
- High pressure cleaner
- Central lubrication system (RS460)
- Tool kit
- Quick refuelling system
- BOMAG TELEMATIC POWER
- Special painting

**Dimensions in mm**

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>H</th>
<th>H1</th>
<th>K</th>
<th>L</th>
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<tbody>
<tr>
<td>RS 460</td>
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<td>2872</td>
<td>3100</td>
<td>3885</td>
<td>510</td>
<td>9579</td>
</tr>
<tr>
<td>RS 500</td>
<td>6073</td>
<td>2530</td>
<td>3100</td>
<td>3885</td>
<td>510</td>
<td>9579</td>
</tr>
</tbody>
</table>
## TECHNICAL DATA

### Weights
- Operating weight CECE: 24.150 kg
- Axle load, front CECE: 16.000 kg
- Axle load, rear CECE: 8.150 kg
- Max. weight: 27.300 kg

### Driving Characteristics
- Speed (1): 0-3.0 km/h
- Speed (2): 0-12.0 km/h
- Max. gradeability (dep. on soil con.): 40%

### Drive
- Engine manufacturer: Merc.-Benz
- Type: OM 460 LA
- Emission stage: Stage IIIa / TIER3
- Cooling: Liquid
- Number of cylinders: 6
- Performance ISO 9249: 335.0 kW
- Performance SAE J 1995: 450.0 hp
- Speed: 1.800 min-1
- Electric equipment: 24 V
- Drive system: hydrost.
- Driven wheels: all wheel

### Tyres
- Tyre size, front: 650/75 R32
- Tyre size, rear: 620/75 R26

### Brakes
- Service brake: hydrost.
- Parking brake: multi disc

### Steering
- Steering system: Art. + rear
- Steering method: hydraulic

### Rotor
- Rotor width: 2.440 mm
- Rotor diameter, outer: 1.224 mm
- Rotor speed: 104-180 min-1
- Rotor oscillation angle +/-: 8 grad
- Sense of rotation: up-cut
- Max. cutting depth: 500 mm
- Number of cutting teeth: 224
- Height of cutting teeth: 200 mm

### Capacities
- Fuel: 875,0 l
- Water: 850,0 l

### Technical Data BOMAG

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<td>Drive system</td>
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<tr>
<td>Engine manufacturer</td>
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</tr>
<tr>
<td>Engine manufacturer</td>
<td>Liquid</td>
</tr>
<tr>
<td>Number of cylinders</td>
<td>6</td>
</tr>
<tr>
<td>Performance ISO 9249</td>
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<tr>
<td>Performance SAE J 1995</td>
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</tr>
<tr>
<td>Speed</td>
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<tr>
<td>Electric equipment</td>
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<tr>
<td>Drive system</td>
<td>hydrost.</td>
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<tr>
<td>Driven wheels</td>
<td>all wheel</td>
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<tr>
<td>Tyre size, front</td>
<td>650/75 R32</td>
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<tr>
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<td>hydrost.</td>
</tr>
<tr>
<td>Parking brake</td>
<td>multi disc</td>
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<td>Steering system</td>
<td>Art. + rear</td>
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<tr>
<td>Steering method</td>
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<tr>
<td>Rotor width</td>
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<td>Rotor diameter, outer</td>
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<td>Rotor speed</td>
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<td>Rotor oscillation angle +/-</td>
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<tr>
<td>Sense of rotation</td>
<td>up-cut</td>
</tr>
<tr>
<td>Max. cutting depth</td>
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<tr>
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<td>Height of cutting teeth</td>
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<td>Fuel</td>
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<tr>
<td>Water</td>
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Technical modifications reserved. Machines may be shown with options.
**STABILIZER/RECYCLER**
RS 460, RS 500 - Tier 4

**Fields of application:**
The RS can be used as a recycler or soil stabilizer. Used as a recycler, worn and damaged asphalt surfaces and base layers can be pulverised, crushed and mixed with new binders. As a soil stabilizer, the unit is used for mixing lime, fly ash or cement with existing materials to improve soils and strengthen sub-surfaces in preparation for backfill, anti-frost layers and base layers.

**Standard Equipment**
- Hydrostatic drive / all wheel
- Anti Slip Control (ASC) (RS460)
- Hydr./ mech. rotor drive with autom. power control
- Rotor laterally slidable (RS500)
- Hydr. adjustable rotor inclination, automatic
- BOMAG FLEXMIX Technology (RS500)
- BOMAG Quick-change holder BR505
- Hydr. tailgate with floating position+Load application function
- Hydrostatic articulated steering
- Hydrostatic rear axle steering
- 4 Steering modes
- Height adjustable ROPS cab
  - Transport/working position
  - slewable/slidable multi-function work place
  - heating
  - Air condition
  - Radio
- Working lights (LED)
- Rotary beacon
- Camera system Plus
- 4x Emergency STOP
- Air compressor + Connecting port for compressed air tools
- Lockable stowage compartments
- Central lubrication system (RS460)
- compressed air system + Compressed air set

**Optional Equipment**
- Water metering system (900l + 1600l)
- Water prefilter
- Emulsion metering system 900l/min.
- Emulsion filter
- Dosing bar for cement suspension
- Printer for metering computer
- BOMAG SMART DOSING
- Rotor CMI-Layout
- Quick-change holder 20mm
- High pressure cleaner
- Central lubrication system (RS460)
- Tool kit
- Quick refuelling system
- BOMAG TELEMATIC POWER
- Special painting

**Dimensions in mm**

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>H</th>
<th>H1</th>
<th>K</th>
<th>L</th>
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<tbody>
<tr>
<td>RS 460</td>
<td>6073</td>
<td>2872</td>
<td>3100</td>
<td>3885</td>
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<td>RS 500</td>
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<td>3100</td>
<td>3885</td>
<td>510</td>
<td>9579</td>
</tr>
</tbody>
</table>
### Technical Data

#### Weights
- Operating weight CECE: 24,150 kg
- Axle load, front CECE: 16,000 kg
- Axle load, rear CECE: 8,150 kg
- Max. weight: 27,300 kg

#### Driving Characteristics
- Speed (1): 0-3,0 km/h
- Speed (2): 0-12,0 km/h
- Max. gradeability (dep. on soil con.): 40%

#### Drive
- Engine manufacturer: Merc.-Benz
- Type: OM 471 LA
- Emission stage: Stage IV / Tier4f
- Exhaust gas aftertreatment: SCR
- Cooling: Liquid
- Number of cylinders: 6
- Performance ISO 9249: 340,0 kW
- Performance SAE J 1995: 456,0 hp
- Electric equipment: hydrost.
- Drive system: hydraul.
- Driven wheels: all wheel

#### Tyres
- Tyre size, front: 650/75 R32
- Tyre size, rear: 620/75 R26

#### Brakes
- Service brake: hydrost.
- Parking brake: multi disc

#### Steering
- Steering system: Art. + rear
- Steering method: hydraulic

#### Rotor
- Rotor width: 2,440 mm
- Rotor diameter, outer: 1,224 mm
- Rotor speed: 104-180 min-1
- Rotor oscillation angle +/-: 8 grad
- Sense of rotation: up-cut
- Max. cutting depth: 500 mm
- Number of cutting teeth: 224
- Height of cutting teeth: 200 mm

#### Capacities
- Fuel: 875,0 l
- Water: 850,0 l
- AdBlue (DEF): 85,0 l
Fields of application:
The RS can be used as a recycler or soil stabilizer. Used as a recycler, worn and damaged asphalt surfaces and base layers can be pulverised, crushed and mixed with new binders. As a soil stabilizer, the unit is used for mixing lime, fly ash or cement with existing materials to improve soils and strengthen sub-surfaces in preparation for backfill, anti-frost layers and base layers.

Dimensions in mm

RS 650

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<tr>
<td>Speed (1)</td>
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<td>Speed (2)</td>
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<tr>
<td>Max. gradeability (dep. on soil con.)</td>
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<thead>
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<tr>
<td>Driven wheels</td>
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<table>
<thead>
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<tbody>
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</tr>
<tr>
<td>Tyre size, rear</td>
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<td>28 L 26 26PR</td>
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<table>
<thead>
<tr>
<th>Brakes</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Service brake</td>
<td></td>
<td>hydrost.</td>
</tr>
<tr>
<td>Parking brake</td>
<td></td>
<td>multi disc</td>
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</table>

<table>
<thead>
<tr>
<th>Steering</th>
<th></th>
<th>Art. + rear</th>
</tr>
</thead>
<tbody>
<tr>
<td>Steering system</td>
<td></td>
<td>hydraulic</td>
</tr>
<tr>
<td>Steering method</td>
<td></td>
<td></td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Rotor</th>
<th>mm</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Rotor width</td>
<td></td>
<td>2.400</td>
</tr>
<tr>
<td>Rotor diameter, outer</td>
<td>mm</td>
<td>1.416</td>
</tr>
<tr>
<td>Rotor speed</td>
<td>min^-1</td>
<td>104-140</td>
</tr>
<tr>
<td>Rotor oscillation angle +/-</td>
<td>grad</td>
<td>5</td>
</tr>
<tr>
<td>Sense of rotation</td>
<td></td>
<td>up-cut</td>
</tr>
<tr>
<td>Max. cutting depth</td>
<td>mm</td>
<td>600</td>
</tr>
<tr>
<td>Number of cutting teeth</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Height of cutting teeth</td>
<td>mm</td>
<td>212</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Capacities</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Fuel</td>
<td>l</td>
<td>1.075,0</td>
</tr>
<tr>
<td>AdBlue (DEF) ®</td>
<td>l</td>
<td>105,0</td>
</tr>
</tbody>
</table>

Technical modifications reserved. Machines may be shown with options.
**Fields of application:**
The RS can be used as a recycler or soil stabilizer. Used as a recycler, worn and damaged asphalt surfaces and base layers can be pulverised, crushed and mixed with new binders. As a soil stabilizer, the unit is used for mixing lime, fly ash or cement with existing materials to improve soils and strengthen sub-surfaces in preparation for backfill, anti-frost layers and base layers.
## TECHNICAL DATA

### Weights
- Operating weight CECE: kg
- Axle load, front CECE: kg
- Axle load, rear CECE: kg
- Max. weight: kg

### Driving Characteristics
- Speed (1): km/h
- Speed (2): km/h
- Max. gradeability (dep. on soil con.): %

### Drive
- Engine manufacturer:
- Type:
- Emission stage:
- Cooling:
- Number of cylinders:
- Performance ISO 9249: kW
- Performance SAE J 1995: hp
- Speed:
- Electric equipment: V
- Drive system:
- Driven wheels:

### Tyres
- Tyre size, front:
- Tyre size, rear:

### Brakes
- Service brake:
- Parking brake:

### Steering
- Steering system:
- Steering method:

### Rotor
-Rotor width: mm
- Rotor diameter, outer: mm
- Rotor speed: min⁻¹
- Rotor oscillation angle +/-: grad
- Sense of rotation:
- Max. cutting depth: mm
- Number of cutting teeth:
- Height of cutting teeth: mm

### Capacities
- Fuel: l

---

Technical modifications reserved. Machines may be shown with options.
Fields of application:
The foamed bitumen lab unit is used to determine optimum foaming for the bitumen being used (also called dwell time and expansion) in a series of trials. Practical guidelines for bitumen temperature, reaction water and reaction air can be calculated using the same components for foam production as used on BOMAG recyclers themselves.

Dimensions in mm

<table>
<thead>
<tr>
<th></th>
<th>L</th>
<th>B</th>
<th>H</th>
</tr>
</thead>
<tbody>
<tr>
<td>BTE 02</td>
<td>1350</td>
<td>850</td>
<td>1450</td>
</tr>
</tbody>
</table>
## TECHNICAL DATA

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>BOMAG BTE 02</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight</td>
<td>295 kg</td>
</tr>
<tr>
<td>Voltage supply</td>
<td>380 Volt/16 A</td>
</tr>
<tr>
<td>Heating capacity</td>
<td>630 W/4 heat circuits</td>
</tr>
<tr>
<td>Bitumen system</td>
<td></td>
</tr>
<tr>
<td>Bitumen tank</td>
<td>10 l</td>
</tr>
<tr>
<td>Bitumen temperature</td>
<td>120-210 °C</td>
</tr>
<tr>
<td>Bitumen volume</td>
<td>6-10 l/min</td>
</tr>
<tr>
<td>Compressed air system</td>
<td></td>
</tr>
<tr>
<td>Max. pressure</td>
<td>3 bar</td>
</tr>
<tr>
<td>Compressed air tank</td>
<td>5 l</td>
</tr>
<tr>
<td>Reaction water</td>
<td></td>
</tr>
<tr>
<td>Reservoir</td>
<td>2,8 l</td>
</tr>
<tr>
<td>Water dosage</td>
<td>1-5 %</td>
</tr>
<tr>
<td>Water pressure</td>
<td>0-6 bar</td>
</tr>
</tbody>
</table>

Technical modifications reserved. Machines may be shown with options.
ADDITIVE SPREADER
BS 12000 PROFI

Fields of application:
For the uniform application of powdered binders, such as cement, lime, and fly ash or mixed binders for the improvement or compaction of soils.

Standard equipment
☑️ 3 rotary-gate valves
☑️ Connection for compressed air filling, left
☑️ Weighing plate for check weighing
☑️ Tires with Ø 1750 mm and width 750 mm
☑️ Pneumatic brake system
☑️ Spreading sections 700/1000/700 mm (with standard width)
☑️ Speed dependent dosing (PROFI)

Optional equipment
☐ Optional compressed air filling from the right
☐ Audible filling level signal
☐ Working width 2.7 m
☐ Sections 850/1000/850 mm

Dimensions in mm
BS 12000 PROFI

B       B1       H       K       L       L1       W
2950    2415    3110    870    6510    3800    2400

Universal drive shaft speed ................................... min⁻¹
Number of axles ..................................................
Tyre type ..............................................................
Noseweight ......................................................... kg
Permiss. total weight  .......................................... kg
Weight (empty) .................................................... kg
Number of rotary valves .....................................
Working width...................................................... mm
Theoretical yield* ................................................ l/m²

*at working speed  2,4 km/h

Technical Data BOMAG

BS 12000 PROFI
ADDITIVE SPREADER

Tel. (0)6742 - 1000
Fax (0)6742 - 3090
Tel. (0)6742 - 1000
D-56149 Boppard
D-56154 Boppard
Hellerwald
Hellerwald
<table>
<thead>
<tr>
<th>TECHNICAL DATA</th>
<th>BOMAG BS 12000 PROFI</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>Towed spreader</td>
</tr>
<tr>
<td>Capacity</td>
<td>12</td>
</tr>
<tr>
<td>Theoretical yield</td>
<td>50</td>
</tr>
<tr>
<td>Working width</td>
<td>2.400</td>
</tr>
<tr>
<td>mm</td>
<td>3</td>
</tr>
<tr>
<td>Number of rotary valves</td>
<td>6.200</td>
</tr>
<tr>
<td>kg</td>
<td>17.700</td>
</tr>
<tr>
<td>Weight (empty)</td>
<td>11.500</td>
</tr>
<tr>
<td>kg</td>
<td>1.500</td>
</tr>
<tr>
<td>Permiss. total weight</td>
<td>25</td>
</tr>
<tr>
<td>kg</td>
<td>28.1R26AS</td>
</tr>
<tr>
<td>Payload</td>
<td>1</td>
</tr>
<tr>
<td>kg</td>
<td>at least 540</td>
</tr>
<tr>
<td>Noseweight</td>
<td></td>
</tr>
<tr>
<td>kg</td>
<td></td>
</tr>
<tr>
<td>Permitted transport speed</td>
<td>km/h</td>
</tr>
<tr>
<td>km/h</td>
<td></td>
</tr>
<tr>
<td>Tyre type</td>
<td></td>
</tr>
<tr>
<td>Number of axles</td>
<td></td>
</tr>
<tr>
<td>Number of rotary valves</td>
<td></td>
</tr>
<tr>
<td>Universal drive shaft speed</td>
<td>min¹</td>
</tr>
<tr>
<td>min¹</td>
<td></td>
</tr>
</tbody>
</table>

*at working speed 2.4 km/h
ADDITIVE SPREADER
BS 12000

Standard equipment
☐ 1 rotary-gate valve
☐ Connection for compressed air filling, left
☐ Weighing plate for check weighing
☐ Tires with Ø 1750 mm and width 750 mm
☐ Pneumatic brake system
☐ Working width 2,4 m with mech. half-sided shutdown

Optional equipment
☐ Shaft speed
☐ Optional compressed air filling from the right
☐ Audible filling level signal
☐ Working width 2,8 m with mech. half-sided shutdown

Fields of application:
For the uniform application of powdered binders, such as cement, lime, and fly ash or mixed binders for the improvement or compaction of soils.

Technical Data BOMAG

Dimensions in mm

<table>
<thead>
<tr>
<th>BS 12000</th>
<th>B</th>
<th>B1</th>
<th>H</th>
<th>K</th>
<th>L</th>
<th>L1</th>
<th>W</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2950</td>
<td>2415</td>
<td>3110</td>
<td>870</td>
<td>6450</td>
<td>3800</td>
<td>2400</td>
</tr>
</tbody>
</table>
TECHNICAL DATA

Type .......................................................... m³
Capacity ....................................................... m³
Theoretical yield* ........................................... l/m²
Working width .............................................. mm
Number of rotary valves ................................
Weight empty .............................................. kg
Permiss. total weight ...................................... kg
Payload ...................................................... kg
Noseweight .................................................. kg
Permitted transport speed ................................ km/h
Tyre type ....................................................
Number of rotary valves ................................
Working width ............................................. mm
Theoretical yield* .......................................... l/m²
Capacity ..................................................... m³

BOMAG
BS 12000

Towed spreader
12
50
2,400
1
6,200
17,700
11,500
1,500
25
28.1 R26AS
1
at least 540

* at working speed 2.4 km/h
**Refuse Compactors**

<table>
<thead>
<tr>
<th>Model Numbers</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>BC 463 RB-3, BC 473 RB-3, BC 573 RB-3</td>
<td>318</td>
</tr>
<tr>
<td>BC 473 RS-3</td>
<td>320</td>
</tr>
<tr>
<td>BC 672 RB-2, BC 772 RB-2</td>
<td>322</td>
</tr>
<tr>
<td>BC 672 RB-4, BC 772 RB-4</td>
<td>324</td>
</tr>
<tr>
<td>BC 772 RS-2</td>
<td>326</td>
</tr>
<tr>
<td>BC 772 RS-4</td>
<td>328</td>
</tr>
<tr>
<td>BC 972 RB-2, BC 1172 RB-2</td>
<td>330</td>
</tr>
<tr>
<td>BC 972 RB-4L, BC 972 RB-4, BC 1172 RB-4</td>
<td>332</td>
</tr>
<tr>
<td>BC 473 RB-5, BC 573 RB-5</td>
<td>334</td>
</tr>
<tr>
<td>BC 473 RS-5</td>
<td>336</td>
</tr>
<tr>
<td>BC 873 RB-5, BC 973 RB-5, BC 1173 RB-5</td>
<td>338</td>
</tr>
</tbody>
</table>
**REFUSE COMPACTORS**

**BC 463 RB-3, BC 473 RB-3, BC 573 RB-3**

**Fields of application:**
This refuse compactor is purpose-built for use on large and small landfill sites taking in both industrial or domestic waste, including bulk waste and building material.

---

### Optional Equipment
- Premium compaction wheels with highly wear resistant teeth
- Central lubrication system
- CD-Radio
- Pre start cabin heating
- Rotary beacon
- Fire extinguisher
- Special painting
- Electrical anti-theft system with numerical code
- Protective ventilation system (Pre-installation)
- Tool kit
- Protective grille for cabin
- TELEMATIC POWER
- Climatronic
- Semi-U-Blade 3590mm
- Tachograph
- LED Working head lights

### Standard Equipment
- Electronic engine management
- Electronic monitoring module with engine shut-down
- Dry air filter
- Multi fuel filter system
- Fuel bleeding pump
- Four wheel drives, hydraulic differential lock in the front and rear (Twin pump drive – BC 463 RB-3, BC 473 RB-3)
- Four wheel drives with 4 pumps (Quad pump drive – BC 573 RB-3)
- Wear control in hydraulic circuit
- Oscillating articulated joint between front and rear frames
- Polygonal compaction wheels, teeth with replaceable caps*
- Adjustable scrapers in front of and behind each wheel
- All drive components well protected by the closed frame pan
- Wire deflector and drive protection on inner side of wheels
- Blade 3600 mm (3.200 mm – BC 463 RB-3)*
- ROPS/FOPS*
- Noise insulated cab with automatic heating – air conditioning
- Vibration insulated cab suspension
- Safety glass cabin window panes
- Sun visor
- Hinged window left
- Windscreen wiper / washer front
- Outside rear mirrors
- Activated carbon filter
- High air intake
- Air suspended seat
- Control unit for dozer blade and travel direction control beside the driver’s seat
- Joystick steering
- Display instruments
- Lockable cabin and engine hood
- 24 V electrics
- Generator 80 A
- Battery disconnecting switch
- Working lights, 4 front / 2 rear
- Audible backup alarm
- Warning horn
- Access steps right / left
- Towing eyes front / rear
- Heated rear screens
- Reversible fan
- Working platform
- Rearview camera
* must be ordered separately

### Dimensions in mm

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>B2</th>
<th>B3</th>
<th>D</th>
<th>H</th>
<th>H4</th>
<th>K</th>
<th>L</th>
</tr>
</thead>
<tbody>
<tr>
<td>BC 463 RB-3</td>
<td>3500</td>
<td>3200</td>
<td>3110</td>
<td>2885</td>
<td>1660</td>
<td>3820</td>
<td>1950</td>
<td>600</td>
<td>8610</td>
</tr>
<tr>
<td>BC 473 RB-3</td>
<td>3500</td>
<td>3600</td>
<td>3560</td>
<td>3335</td>
<td>1660</td>
<td>3820</td>
<td>1950</td>
<td>600</td>
<td>8610</td>
</tr>
<tr>
<td>BC 573 RB-3</td>
<td>3500</td>
<td>3600</td>
<td>3560</td>
<td>3335</td>
<td>1660</td>
<td>3820</td>
<td>1950</td>
<td>600</td>
<td>8610</td>
</tr>
</tbody>
</table>
### TECHNICAL DATA

#### Weights

<table>
<thead>
<tr>
<th></th>
<th>BOMAG BC 463 RB-3</th>
<th>BOMAG BC 473 RB-3</th>
<th>BOMAG BC 573 RB-3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gross weight</td>
<td>24.800 kg</td>
<td>26.500 kg</td>
<td>28.800 kg</td>
</tr>
<tr>
<td>Operating weight</td>
<td>24.300 kg</td>
<td>25.700 kg</td>
<td>28.000 kg</td>
</tr>
<tr>
<td>Axle load, front</td>
<td>11.800 kg</td>
<td>12.750 kg</td>
<td>13.900 kg</td>
</tr>
<tr>
<td>Axle load, rear</td>
<td>12.500 kg</td>
<td>12.950 kg</td>
<td>14.200 kg</td>
</tr>
</tbody>
</table>

#### Driving Characteristics

<table>
<thead>
<tr>
<th>Description</th>
<th>BOMAG BC 463 RB-3</th>
<th>BOMAG BC 473 RB-3</th>
<th>BOMAG BC 573 RB-3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Speed (1), forward</td>
<td>0-4.5 km/h</td>
<td>0-4.5 km/h</td>
<td>0-4.5 km/h</td>
</tr>
<tr>
<td>Speed (1), reverse</td>
<td>0-4.5 km/h</td>
<td>0-4.5 km/h</td>
<td>0-4.5 km/h</td>
</tr>
<tr>
<td>Speed (2), forward</td>
<td>0-12.0 km/h</td>
<td>0-12.0 km/h</td>
<td>0-12.0 km/h</td>
</tr>
<tr>
<td>Speed (2), reverse</td>
<td>0-12.0 km/h</td>
<td>0-12.0 km/h</td>
<td>0-12.0 km/h</td>
</tr>
<tr>
<td>Max. gradeability (dep. on soil con.)</td>
<td>%</td>
<td>100</td>
<td>100</td>
</tr>
<tr>
<td>Max. pushing force</td>
<td>264 kN</td>
<td>261 kN</td>
<td>309 kN</td>
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</tbody>
</table>

#### Drive

<table>
<thead>
<tr>
<th>Description</th>
<th>BOMAG BC 463 RB-3</th>
<th>BOMAG BC 473 RB-3</th>
<th>BOMAG BC 573 RB-3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brand</td>
<td>Deutz TCD 2013 L06 4V</td>
<td>Deutz TCD 2013 L06 4V</td>
<td>Deutz TCD 2013 L06 4V</td>
</tr>
<tr>
<td>Emission stage</td>
<td>Stage Illa / TIER3</td>
<td>Stage Illa / TIER3</td>
<td>Stage Illa / TIER3</td>
</tr>
<tr>
<td>Performance SAE J 1349</td>
<td>375,0 hp</td>
<td>375,0 hp</td>
<td>375,0 hp</td>
</tr>
<tr>
<td>Performance ISO 9249</td>
<td>227,0 kW</td>
<td>227,0 kW</td>
<td>227,0 kW</td>
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</table>

#### Compaction Wheels

<table>
<thead>
<tr>
<th>Description</th>
<th>BOMAG BC 463 RB-3</th>
<th>BOMAG BC 473 RB-3</th>
<th>BOMAG BC 573 RB-3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Width, front</td>
<td>900 mm</td>
<td>1.125 mm</td>
<td>1.125 mm</td>
</tr>
<tr>
<td>Width, rear</td>
<td>900 mm</td>
<td>1.125 mm</td>
<td>1.125 mm</td>
</tr>
<tr>
<td>Outer diameter (front)</td>
<td>1.660 mm</td>
<td>1.660 mm</td>
<td>1.660 mm</td>
</tr>
<tr>
<td>Outer diameter (rear)</td>
<td>1.660 mm</td>
<td>1.660 mm</td>
<td>1.660 mm</td>
</tr>
<tr>
<td>Number of teeth/cutters, front</td>
<td>40</td>
<td>50</td>
<td>50</td>
</tr>
<tr>
<td>Number of teeth/cutters, rear</td>
<td>40</td>
<td>50</td>
<td>50</td>
</tr>
<tr>
<td>Compaction coverage per side</td>
<td>1.013 mm</td>
<td>1.238 mm</td>
<td>1.238 mm</td>
</tr>
</tbody>
</table>

#### Brakes

<table>
<thead>
<tr>
<th>Description</th>
<th>BOMAG BC 463 RB-3</th>
<th>BOMAG BC 473 RB-3</th>
<th>BOMAG BC 573 RB-3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Service brake</td>
<td>hydromec.</td>
<td>hydromec.</td>
<td>hydromec.</td>
</tr>
<tr>
<td>Parking brake</td>
<td>hydromec.</td>
<td>hydromec.</td>
<td>hydromec.</td>
</tr>
</tbody>
</table>

#### Steering

<table>
<thead>
<tr>
<th>Description</th>
<th>BOMAG BC 463 RB-3</th>
<th>BOMAG BC 473 RB-3</th>
<th>BOMAG BC 573 RB-3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Steering system</td>
<td>oscil.artic.</td>
<td>oscil.artic.</td>
<td>oscil.artic.</td>
</tr>
<tr>
<td>Steering method</td>
<td>hydraulic</td>
<td>hydraulic</td>
<td>hydraulic</td>
</tr>
<tr>
<td>Steering angle +/-</td>
<td>35 grad</td>
<td>35 grad</td>
<td>35 grad</td>
</tr>
<tr>
<td>Oscillating angle +/-</td>
<td>15 grad</td>
<td>15 grad</td>
<td>15 grad</td>
</tr>
<tr>
<td>Track radius, inner</td>
<td>4.116 mm</td>
<td>3.891 mm</td>
<td>3.891 mm</td>
</tr>
</tbody>
</table>

#### Dozer Blade

<table>
<thead>
<tr>
<th>Description</th>
<th>BOMAG BC 463 RB-3</th>
<th>BOMAG BC 473 RB-3</th>
<th>BOMAG BC 573 RB-3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Height adjustment over ground level</td>
<td>1.200 mm</td>
<td>1.200 mm</td>
<td>1.200 mm</td>
</tr>
<tr>
<td>Height adjustment below ground level</td>
<td>120 mm</td>
<td>120 mm</td>
<td>120 mm</td>
</tr>
<tr>
<td>Dozer blade capacity acc. to SAE J 1265</td>
<td>9.5 m3</td>
<td>11.0 m3</td>
<td>11.0 m3</td>
</tr>
</tbody>
</table>

#### Capacities

<table>
<thead>
<tr>
<th>Description</th>
<th>BOMAG BC 463 RB-3</th>
<th>BOMAG BC 473 RB-3</th>
<th>BOMAG BC 573 RB-3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fuel</td>
<td>375,0 l</td>
<td>375,0 l</td>
<td>375,0 l</td>
</tr>
<tr>
<td>Hydraulic oil</td>
<td>260,0 l</td>
<td>260,0 l</td>
<td>260,0 l</td>
</tr>
</tbody>
</table>

Technical modifications reserved. Machines may be shown with options.
REFUSE COMPACTOR
BC 473 RS-3

Fields of application:
This refuse compactor is purpose-built for use on large and small landfill sites taking in both industrial or domestic waste, including bulk waste and building material.

Standard Equipment
- Electronic engine management
- Electronic monitoring module with engine shut-down
- Dry air filter
- Multi fuel filter system
- Fuel bleeding pump
- Four wheel drives, hydraulic differential lock in the front and rear (Twin pump drive)
- Wear control in hydraulic circuit
- Oscillating articulated joint between front and rear frames
- Polygonal compaction wheels, teeth with replaceable caps
- Adjustable scrapers in front of and behind each wheel
- All drive components well protected by the closed frame pan
- Wire deflector and drive protection on inner side of wheels
- Bucket 3200 mm*
- ROPS/FOPS
- Noise insulated cab with automatic heating – air conditioning
- Vibration insulated cab suspension
- Safety glass cabin window panes
- Sun visor
- Hinged window left
- Windscreen wiper / washer front
- Outside rear mirrors
- Activated carbon filter
- High air intake
- Air suspended seat
- Control unit for dozer blade and travel direction control beside the driver's seat
- Joystick steering
- Display instruments
- Lockable cabin and engine hood
- 24 V electrics
- Generator 150 A
- Battery disconnecting switch
- Working lights, 4 front / 2 rear
- Audible backup alarm
- Warning horn
- Access steps right / left
- Towing eyes front / rear
- Heated rear screens
- Reversible fan
- Working platform
- Rearview camera
* must be ordered separately

Optional Equipment
- Premium compaction wheels with highly wear resistant teeth
- Central lubrication system
- CD-Radio
- Pre start cabin heating
- Rotary beacon
- Fire extinguisher
- Special painting
- Electrical anti-theft system with numerical code
- Tool kit
- Protective grille for cabin
- TELEMATIC POWER
- Climatronic
- Tachograph
- Cold start device
- Protective ventilation system
  (Pre-installation)
- Bucket tooth system
- LED Working head lights

Dimensions in mm

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>B2</th>
<th>B3</th>
<th>D</th>
<th>H</th>
<th>H4</th>
<th>K</th>
<th>L</th>
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<tbody>
<tr>
<td>3500</td>
<td>3110</td>
<td>2885</td>
<td>1660</td>
<td>3820</td>
<td>2130</td>
<td>600</td>
<td>9230</td>
<td>3.7 m³</td>
</tr>
</tbody>
</table>
### TECHNICAL DATA

#### Weights
- Gross weight: kg
- Operating weight CECE: kg
- Axle load, front CECE: kg
- Axle load, rear CECE: kg

#### Driving Characteristics
- Speed (1), forward: km/h
- Speed (1), reverse: km/h
- Speed (2), forward: km/h
- Speed (2), reverse: km/h
- Max. gradeability (dep. on soil con.): %
- Max. pushing force: kN

#### Drive
- Type: 
- Emission stage: Stage IIa / TIER3
- Performance ISO 9249: kW
- Performance SAE J 1349: hp
- Speed: min⁻¹
- Engine manufacturer: Deutz
- Engine type: TCD 2013 L06 4V

#### Compaction Wheels
- Width, front: mm
- Width, rear: mm
- Outer diameter (front): mm
- Outer diameter (rear): mm
- Number of teeth/cutters, front: 
- Number of teeth/cutters, rear: 
- Compaction coverage per side: mm

#### Brakes
- Service brake: hydrost.
- Parking brake: hydromec.

#### Steering
- Steering method: oscill.artic.
- Steering angle: grad
- Oscillating angle: grad
- Track radius, inner: mm

#### Capacities
- Fuel: l
- Hydraulic oil: l

---

Technical modifications reserved. Machines may be shown with options.
REFUSE COMPACTORS
BC 672 RB-2, BC 772 RB-2

Fields of application:
This refuse compactor is purpose-built for use on large and small landfill sites taking in both industrial or domestic waste, including bulk waste and building material.

Dimensions in mm

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>B2</th>
<th>B3</th>
<th>D</th>
<th>H</th>
<th>H2</th>
<th>H4</th>
<th>K</th>
<th>L</th>
</tr>
</thead>
<tbody>
<tr>
<td>BC 672 RB-2</td>
<td>3500</td>
<td>3800</td>
<td>3550</td>
<td>3775</td>
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<td>4120</td>
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<td>1950</td>
<td>600</td>
<td>8120</td>
</tr>
<tr>
<td>BC 772 RB-2</td>
<td>3500</td>
<td>3800</td>
<td>3550</td>
<td>3775</td>
<td>1660</td>
<td>4120</td>
<td>3820</td>
<td>1950</td>
<td>600</td>
<td>8120</td>
</tr>
</tbody>
</table>

Standard Equipment
- Electronic engine management
- Electronic monitoring module with engine shut-down
- Engine air intake at a height of 4 m
- Dry air filter
- Cold starting system
- 3-stage fuel filter system
- Fuel bleeding pump
- Hydraulic all-wheel drive (Quad pump drive)
- Wear control in hydraulic circuit
- Hydraulically operated articulated steering system
- Oscillating articulated joint between front and rear frames
- Automatic central lubrication system
- Polygonal compaction wheels, teeth with replaceable caps*
- Adjustable scrapers in front of and behind each wheel
- All drive components well protected by the closed frame pan
- Wire deflector and drive protection on inner side of wheels
- Blade (3800 mm)*
- ROPS/FOPS
- Noise insulated cab
- Vibration insulated cab suspension
- Cab ventilation with overpressure
- Activated charcoal filter for odour restriction
- Tinted safety glass panes
- Sun shades
- Sliding windows on both sides
- Front / rear windscreen washer system
- Interval switch for windscreen wiper
- Outside and inside rear mirrors
- Heated outside mirror
- Air suspended seat
- Seat heating
- Head rest
- Control unit for dozer blade and travel direction control integrated in driver’s seat
- Adjustable joystick steering
- Display instruments
- CD-Radio
- 24 V electrics
- Generator 80 A
- Battery disconnecting switch
- LED Working lights, 6 front / 4 rear
- Rotary beacon
- Audible backup alarm
- Warning horn
- Access steps right / left
- Towing eyes front / rear
- Reversing monitor
- Reversible fan
* must be ordered separately

Optional Equipment
- Premium compaction wheels with highly wear resistant teeth
- Blade 4356 mm (open design)
- Semi-U-Blade 3750mm
- Semi-U-Blade 4480mm
- PS3 Bucket 3800mm
- Pre start cabin heating
- Fire extinguisher
- Special painting
- Environmentally compliant hydraulic oil
- Protective ventilation system (Pre-installation)
- Lockable hood lock (anti-theft protection)
- Tool kit
- TELEMATIC POWER
- Tachograph
- Automatic heating - air conditioning
### TECHNICAL DATA

#### Weights

<table>
<thead>
<tr>
<th></th>
<th>BOMAG BC 672 RB-2</th>
<th>BOMAG BC 772 RB-2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gross weight</td>
<td>32.700</td>
<td>37.100</td>
</tr>
<tr>
<td>Operating weight CECE</td>
<td>32.100</td>
<td>36.500</td>
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<tr>
<td>Axle load, front CECE</td>
<td>15.300</td>
<td>17.400</td>
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<tr>
<td>Axle load, rear CECE</td>
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#### Driving Characteristics

<table>
<thead>
<tr>
<th></th>
<th>BOMAG BC 672 RB-2</th>
<th>BOMAG BC 772 RB-2</th>
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</thead>
<tbody>
<tr>
<td>Speed (1), forward</td>
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<td>0- 4,0</td>
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<tr>
<td>Speed (1), reverse</td>
<td>0- 4,0</td>
<td>0- 4,0</td>
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<tr>
<td>Speed (2), forward</td>
<td>0- 7,5</td>
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<td>Speed (2), reverse</td>
<td>0- 7,5</td>
<td>0- 7,5</td>
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<td>Speed (3), forward</td>
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<tr>
<td>Max. gradeability (dep. on soil con.)</td>
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<td>100</td>
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<tr>
<td>Max. pushing force</td>
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#### Drive

<table>
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<th>BOMAG BC 772 RB-2</th>
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<tbody>
<tr>
<td>Engine manufacturer</td>
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<td>Type</td>
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<td>TCD 2015 V06</td>
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<tr>
<td>Emission stage</td>
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<td>Stage IIIa / TIER3</td>
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<tr>
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<tr>
<td>Number of cylinders</td>
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<tr>
<td>Performance ISO 9249</td>
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<tr>
<td>Performance SAE J 1349</td>
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<tr>
<td>Speed</td>
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<tr>
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<tr>
<td>Operating voltage</td>
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#### Compaction Wheels

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<thead>
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<th>BOMAG BC 772 RB-2</th>
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<tbody>
<tr>
<td>Width, front / rear</td>
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<td>1.350/1.125</td>
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<tr>
<td>Outer diameter (front)</td>
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<td>1.660</td>
</tr>
<tr>
<td>Outer diameter (rear)</td>
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<td>1.660</td>
</tr>
<tr>
<td>Number of teeth/cutters, front</td>
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<td>60</td>
</tr>
<tr>
<td>Number of teeth/cutters, rear</td>
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<td>50</td>
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<tr>
<td>Compaction coverage per side</td>
<td>1.350</td>
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#### Brakes

<table>
<thead>
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<th>BOMAG BC 772 RB-2</th>
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<tr>
<td>Parking brake</td>
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#### Steering

<table>
<thead>
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<th>BOMAG BC 772 RB-2</th>
</tr>
</thead>
<tbody>
<tr>
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<td>oscil.artic.</td>
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<tr>
<td>Steering method</td>
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<td>hydraulic</td>
</tr>
<tr>
<td>Steering / oscillating angle +/-</td>
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<td>40/15</td>
</tr>
<tr>
<td>Track radius, inner</td>
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#### Dozer Blade

<table>
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<th>BOMAG BC 672 RB-2</th>
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<tr>
<td>Height adjustment over ground level</td>
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</tr>
<tr>
<td>Height adjustment below ground level</td>
<td>120</td>
<td>120</td>
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<tr>
<td>Dozer blade capacity acc. to SAE J 1265</td>
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#### Capacities

<table>
<thead>
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<th>BOMAG BC 672 RB-2</th>
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<tr>
<td>Fuel</td>
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<td>Engine oil</td>
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<tr>
<td>Hydraulic oil</td>
<td>350,0</td>
<td>350,0</td>
</tr>
</tbody>
</table>

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Technical modifications reserved. Machines may be shown with options.
REFUSE COMPACTORS
BC 672 RB-4, BC 772 RB-4

Fields of application:
This refuse compactor is purpose-built for use on large and small landfill sites taking in both industrial or domestic waste, including bulk waste and building material.

Standard Equipment
- Electronic engine management
- Electronic monitoring module with engine shut-down
- Engine air intake at a height of 4 m
- Engine air filter
- Multi fuel filter system
- Fuel bleeding pump
- Oscillating articulated joint between front and rear frames
- Automatic central lubrication system
- Polygonal compaction wheels, teeth with replaceable caps*
- Adjustable scrapers in front of and behind each wheel
- All drive components well protected by the closed frame pan
- Wire deflector and drive protection on inner side of wheels
- Blade (3800 mm)*
- ROPS/FOPS
- Noise insulated cab
- Vibration insulated cab suspension
- Cab ventilation with overpressure
- Activated charcoal filter for odour restriction
- Tinted safety glass panes
- Sun shades
- Sliding windows on both sides
- Front / rear windscreen washer system
- Interval switch for windscreen wiper
- Outside and inside rear mirrors
- Heated outside mirror
- Air suspended seat
- Seat heating
- Head rest
- Control unit for dozer blade and travel direction control integrated in driver’s seat
- Adjustable joystick steering
- Display instruments
- CD-Radio
- 24 V electrics
- Generator 150 A
- Battery disconnecting switch
- Working lights, 6 front / 4 rear
- Rotary beacon
- Audible backup alarm
- Warning horn
- Access steps right / left
- Towing eyes front / rear
- Air conditioned
- Heated rear windscreen
- Hydr. driven, reversible and speed controlled radiator fan
- Rearview camera
* must be ordered separately

Optional Equipment
- Premium compaction wheels with highly wear resistant teeth
- Semi-U-Blade 3750mm
- Semi-U-Blade 4480mm
- PS3 Bucket 3800mm
- Blade 4350mm
- Pre start cabin heating
- Fire extinguisher
- Special painting
- Environmentally compliant hydraulic oil
- Protective ventilation system (Pre-installation)
- Lockable hood lock (anti-theft protection)
- Tool kit
- TELEMATIC POWER
- Tarpomatic (Pre-installation)
- Tachograph
- Cold start device 115V
- Cold start device 230V

Dimensions in mm

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>B2</th>
<th>B3</th>
<th>D</th>
<th>H</th>
<th>H2</th>
<th>H4</th>
<th>K</th>
<th>L</th>
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<tbody>
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<td>3800</td>
<td>3550</td>
<td>3775</td>
<td>1660</td>
<td>4120</td>
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<td>8370</td>
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<td>BC 772 RB-4</td>
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<td>3800</td>
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<td>3775</td>
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<td>4120</td>
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<td>1950</td>
<td>600</td>
<td>8370</td>
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</tbody>
</table>

PRE 570 02 010
TECHNICAL DATA

Weights
- Gross weight kg
- Operating weight CECE kg
- Axle load, front / rear CECE kg

Driving Characteristics
- Speed (1), forward km/h
- Speed (2), reverse km/h
- Speed (3), forward km/h
- Speed (3), reverse km/h
- Max. gradeability (dep. on soil con.) %
- Max. pushing force kN

Drive
- Engine manufacturer
- Type
- Emission stage
- Exhaust gas aftertreatment
- Cooling
- Number of cylinders
- Performance ISO 9249 kW
- Performance SAE J 1349 hp
- Speed min-1
- Travel system
- Operating voltage V

Compaction Wheels
- Width, front / rear mm
- Outer diameter (front) mm
- Outer diameter (rear) mm
- Number of teeth/cutters, front
- Number of teeth/cutters, rear
- Compaction coverage per side mm

Brakes
- Service brake
- Parking brake

Steering
- Steering system
- Steering method
- Steering / oscillating angle +/- grad
- Track radius, inner mm

Dozer Blade
- Height adjustment over ground level mm
- Height adjustment below ground level mm
- Dozer blade capacity acc. to SAE J 1265 m3

Capacities
- Fuel l
- Engine oil l
- Hydraulic oil l
- AdBlue (DEF) l

BOMAG BC 672 RB-4
- Gross weight 33.200 kg
- Operating weight 32.600 kg
- Axle load, front / rear 15.300/17.300 kg
- Speed (1), forward 0-4.0 km/h
- Speed (2), reverse 0-4.0 km/h
- Speed (3), forward 0-7.5 km/h
- Speed (3), reverse 0-7.5 km/h
- Max. gradeability (dep. on soil con.) 100 %
- Max. pushing force 346 kN
- Engine manufacturer: Merc.-Benz
- Emission stage: Stage IV / Tier4f
- Operating voltage: 24 V
- Compaction coverage: 1.350/1.125 mm
- Number of teeth/cutters, front: 60
- Number of teeth/cutters, rear: 50
- Cylinder: 6
- Performance: 340.0 hp
- Performance SAE J 1349: 456.0 hp
- Performance ISO 9249: 340.0 kW
- Performance: 1.700 min-1
- Travel system: hydromec.
- Operating weight: 37.600 kg
- Driving Characteristics: 0-12.0 km/h
- Operating weight CECE: 37.000 kg
- Driving Characteristics: 0-12.0 km/h
- Drive: hydromec.
- Drive: OM 471 LA
- Drive: Stage IV / Tier4f
- Drive: SCR
- Drive: Liquid
- Drive: 6
- Drive: 100
- Travel system: hydromec.
- Travel system: 24
- Compaction coverage per side: 1.350 mm
- Parking brake: hydromec.
- Parking brake: hydromec.
- Parking brake: hydromec.

BOMAG BC 772 RB-4
- Gross weight 37.600 kg
- Operating weight 37.000 kg
- Axle load, front / rear 17.400/19.600 kg
- Speed (1), forward 0-4.0 km/h
- Speed (2), reverse 0-4.0 km/h
- Speed (3), forward 0-7.5 km/h
- Speed (3), reverse 0-7.5 km/h
- Max. gradeability (dep. on soil con.) 100 %
- Max. pushing force 394 kN
- Engine manufacturer: Merc.-Benz
- Emission stage: Stage IV / Tier4f
- Operating voltage: 24 V
- Compaction coverage: 1.350/1.125 mm
- Number of teeth/cutters, front: 60
- Number of teeth/cutters, rear: 50
- Cylinder: 6
- Performance: 340.0 hp
- Performance SAE J 1349: 456.0 hp
- Performance ISO 9249: 340.0 kW
- Performance: 1.700 min-1
- Travel system: hydromec.
- Operating weight: 37.600 kg
- Driving Characteristics: 0-12.0 km/h
- Operating weight CECE: 37.000 kg
- Driving Characteristics: 0-12.0 km/h
- Drive: hydromec.
- Drive: OM 471 LA
- Drive: Stage IV / Tier4f
- Drive: SCR
- Drive: Liquid
- Drive: 6
- Drive: 100
- Travel system: hydromec.
- Travel system: 24
- Compaction coverage per side: 1.350 mm
- Parking brake: hydromec.
- Parking brake: hydromec.
- Parking brake: hydromec.

Technical modifications reserved. Machines may be shown with options.
REFUSE COMPACTOR
BC 772 RS-2

Fields of application:
This refuse compactor is purpose-built for use on large and small landfill sites taking in both industrial or domestic waste, including bulk waste and building material.

Standard Equipment
- Electronic engine management
- Electronic monitoring module with engine shut-down
- Engine air intake at a height of 4 m
- Dry air filter
- Cold starting system
- 3-stage fuel filter system
- Fuel bleeding pump
- Hydraulic all-wheel drive (Quad pump drive)
- Wear control in hydraulic circuit
- Hydraulically operated articulated steering system
- Oscillating articulated joint between front and rear frames
- Automatic central lubrication system (Bucket system, manual)
- Polygonal compaction wheels, teeth with replaceable caps*
- Adjustable scrapers in front of and behind each wheel
- All drive components well protected by the closed frame pan
- Wire deflector and drive protection on inner side of wheels
- Bucket 3800 mm
- ROPS/FOPS
- Noise insulated cab
- Vibration insulated cab suspension
- Cab ventilation with overpressure
- Activated charcoal filter for odour restriction
- Tinted safety glass panes
- Sun shade
- Sliding windows on both sides
- Front / rear windscreen washer system
- Interval switch for windscreen wiper
- Outside and inside rear mirrors
- Heated outside mirror
- Air suspended seat
- Seat heating
- Head rest
- Control unit for bucket and travel direction control integrated in driver’s seat
- Adjustable joystick steering
- Display instruments
- CD-Radio
- 24 V electrics
- Generator 80 A
- Battery disconnecting switch
- LED Working lights, 6 front / 4 rear
- Rotary beacon
- Audible backup alarm
- Warning horn
- Access steps right / left
- Towing eyes front / rear
- Reversing monitor
- Reversible fan
* must be ordered separately

Optional Equipment
- Premium compaction wheels with highly wear resistant teeth
- Pre start cabin heating
- Fire extinguisher
- Special painting
- Environmentally compliant hydraulic oil
- Protective ventilation system (Pre-installation)
- Lockable hood lock (anti-theft protection)
- Tool kit
- TELEMATIC POWER
- Automatic heating - air conditioning
- Tachograph
- Bucket tooth system

Dimensions in mm

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>B2</th>
<th>B3</th>
<th>D</th>
<th>H</th>
<th>H2</th>
<th>H4</th>
<th>K</th>
<th>L</th>
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<tbody>
<tr>
<td>BC 772 RS-2</td>
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<td>3800</td>
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<td>3775</td>
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<td>4120</td>
<td>3820</td>
<td>1800</td>
<td>600</td>
<td>9275</td>
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- Reach (45°): 1290 mm
- Loading height: 1290 mm
- Lifting height: 4450 mm
- Transport position: 600 mm
- Max. unloading angle: 50°
- Max. bucket inclination (in transport position): 74°
- Max. bucket inclination: 74°
- Bucket contents: 4.5 m³

PRE 570 75 010

Buck γβαd)
c)
b)
a)
a) Reach (45°) 1290 mm
b) Loading height 1290 mm
c) Lifting height 4450 mm
d) Transport position 600 mm
e) Max. unloading angle 50°
f) Max. bucket inclination (in transport position) 74°
g) Max. bucket inclination 74°
h) Bucket contents 4.5 m³
## TECHNICAL DATA

### Weights
- Gross weight: kg
- Operating weight CECE: kg
- Axle load, front CECE: kg
- Axle load, rear CECE: kg

### Driving Characteristics
- Speed (1), forward: km/h
- Speed (1), reverse: km/h
- Speed (2), forward: km/h
- Speed (2), reverse: km/h
- Speed (3), forward: km/h
- Speed (3), reverse: km/h
- Max. gradeability (dep. on soil con.): %
- Max. pushing force: kN

### Drive
- Engine manufacturer: Deutz
- Type: TCD 2015 V06
- Emission stage: Stage IIIa / TIER3
- Fuel: Gasoline
- Performance ISO 9249: kW
- Performance SAE J 1349: hp
- Drive: hydrost.
- Speed: 2.100 min⁻¹
- Operating voltage: 24 V

### Compaction Wheels
- Width, front: mm
- Width, rear: mm
- Outer diameter (front): mm
- Outer diameter (rear): mm
- Number of teeth/cutters, front: mm
- Number of teeth/cutters, rear: 50
- Compaction coverage per side: mm

### Brakes
- Service brake: hydromec.
- Parking brake: hydromec.

### Steering
- Steering system: oscill.artic.
- Steering method: hydraulic
- Steering angle +/-: grad
- Oscillating angle +/-: grad
- Track radius, inner: mm

### Capacities
- Fuel: l
- Engine oil: l
- Hydraulic oil: l
- Water: 1.350 l
- Air: 1.125 l

### Technical Data BOMAG

<table>
<thead>
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<th>BC 772 RS-2</th>
<th></th>
</tr>
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</tr>
<tr>
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<tr>
<td>Speed (1), reverse</td>
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<tr>
<td>Speed (2), forward</td>
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<tr>
<td>Speed (2), reverse</td>
<td>0-7.5 km/h</td>
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<tr>
<td>Speed (3), forward</td>
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<tr>
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<td>Outer diameter (front)</td>
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<tr>
<td>Outer diameter (rear)</td>
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</tr>
<tr>
<td>Number of teeth/cutters, front</td>
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</tr>
<tr>
<td>Number of teeth/cutters, rear</td>
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</tr>
<tr>
<td>Compaction coverage per side</td>
<td>mm</td>
</tr>
</tbody>
</table>

Technical modifications reserved. Machines may be shown with options.
REFUSE COMPACTOR
BC 772 RS-4

Fields of application:
This refuse compactor is purpose-built for use on large and small landfill sites taking in both industrial or domestic waste, including bulk waste and building material.

Dimensions in mm

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>B2</th>
<th>B3</th>
<th>D</th>
<th>H</th>
<th>H2</th>
<th>H4</th>
<th>K</th>
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<td>1800</td>
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</tbody>
</table>

Standard Equipment
- Electronic engine management
- Electronic monitoring module with engine shut-down
- Engine air intake at a height of 4 m
- Dry air filter
- Cold starting system
- Multi fuel filter system
- Fuel bleeding pump
- Hydraulic all-wheel drive (Quad pump drive)
- Wear control in hydraulic circuit
- Hydraulically operated articulated steering system
- Oscillating articulated joint between front and rear frames
- Automatic central lubrication system (Bucket system, manual)
- Polygonal compaction wheels, teeth with replaceable caps*
- Adjustable scrapers in front of and behind each wheel
- All drive components well protected by the closed frame pan
- Wire deflector and drive protection on inner side of wheels
- Bucket 3800 mm
- Bucket 3800 mm
- ROPS/FOPS
- Noise insulated cab
- Vibration insulated cab suspension
- Cab ventilation with overpressure
- Activated charcoal filter for odour restriction
- Automatic heating - air conditioning
- Tinted safety glass panes
- Sun shade
- Sliding windows on both sides
- Front / rear windshield washer system
- Interval switch for windshield wiper
- Outside and inside rear mirrors
- Heated outside mirror
- Air suspended seat
- Seat heating
- Head rest
- Control unit for bucket and travel direction control integrated in driver's seat
- Adjustable joystick steering
- Display instruments
- CD-Radio
- 24 V electrics
- Generator 150 A
- Battery disconnecting switch
- Working lights, 6 front / 4 rear
- Rotary beacon
- Audible backup alarm
- Warning horn
- Access steps right / left
- Towing eyes front / rear
- Hydr. driven, reversible and speed controlled radiator fan
- Rearview camera
- * must be ordered separately

Optional Equipment
- Premium compaction wheels with highly wear resistant teeth
- Pre start cabin heating
- Fire extinguisher
- Special painting
- Environmentally compliant hydraulic oil
- Protective ventilation system (Pre-installation)
- Lockable hood lock (anti-theft protection)
- Tool kit
- TELEMATIC
- Tachograph
- Bucket tooth system
- Cold start device 115V
- Cold start device 230V
### TECHNICAL DATA

#### Weights
- Gross weight: kg
- Operating weight CECE: kg
- Axle load, front CECE: kg
- Axle load, rear CECE: kg

#### Driving Characteristics
- Speed (1), forward: km/h
- Speed (1), reverse: km/h
- Speed (2), forward: km/h
- Speed (2), reverse: km/h
- Speed (3), forward: km/h
- Speed (3), reverse: km/h
- Max. gradeability (dep. on soil con.): %
- Max. pushing force: kN

#### Drive
- Engine manufacturer:
- Type:
- Emission stage:
- Exhaust gas aftertreatment:
- Cooling:
- Number of cylinders:
- Performance ISO 9249: kW
- Performance SAE J 1349: hp
- Speed: min⁻¹
- Travel system:
- Operating voltage: V

#### Compaction Wheels
- Width, front: mm
- Width, rear: mm
- Outer diameter (front): mm
- Outer diameter (rear): mm
- Number of teeth/cutters, front:
- Number of teeth/cutters, rear:
- Compaction coverage per side: mm

#### Brakes
- Service brake:
- Parking brake:

#### Steering
- Steering system:
- Steering method:
- Steering angle +/-: grad
- Oscillating angle +/-: grad
- Track radius, inner: mm

#### Capacities
- Fuel: l
- Engine oil: l
- Hydraulic oil: l
- AdBlue (DEF): l

---

**BOMAG BC 772 RS-4**

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<th>Parameter</th>
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<tr>
<td>Operating weight CECE</td>
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<tr>
<td>Axle load, front CECE</td>
<td>20,800 kg</td>
</tr>
<tr>
<td>Axle load, rear CECE</td>
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<tr>
<td>Speed (1), forward</td>
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<td>Speed (2), reverse</td>
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<td>Max. gradeability (dep. on soil con.)</td>
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<tr>
<td>Operating voltage</td>
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<tr>
<td>Width, front</td>
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<tr>
<td>Width, rear</td>
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<tr>
<td>Outer diameter (front)</td>
<td>1,660 mm</td>
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<tr>
<td>Outer diameter (rear)</td>
<td>1,660 mm</td>
</tr>
<tr>
<td>Number of teeth/cutters, front</td>
<td>60</td>
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<tr>
<td>Number of teeth/cutters, rear</td>
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<td>Compaction coverage per side</td>
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<td>Service brake</td>
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<tr>
<td>AdBlue (DEF)</td>
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</table>
REFUSE COMPACTORS
BC 972 RB-2, BC 1172 RB-2

Fields of application:
This refuse compactor is purpose-built for use on large and small landfill sites taking in both industrial or domestic waste, including bulk waste and building material.

Standard Equipment
- Engine complying with exhaust gas standard EPA3 (EU 97/68/EG)
- Electronic engine management
- Electronic monitoring module with engine shut-down
- Engine air intake at a height of 4 m
- Dry air filter
- Cold starting system
- 3-stage fuel filter system
- Fuel bleeding pump
- Hydraulic all-wheel drive (Quad pump drive)
- Wear control in hydraulic circuit
- Hydraulically operated articulated steering system
- Oscillating articulated joint between front and rear frames
- Automatic central lubrication system
- Polygonal compaction wheels, velded forged teeth*
- Adjustable scrapers in front of and behind each wheel
- Protection of all power train components by a armoured belly pan
- Wire deflector and drive protection on inner side of wheels
- Blade (5200 mm)*
- ROPS/FOPS
- Noise insulated cab
- Vibration insulated cab suspension
- Cab ventilation with overpressure
- Activated charcoal filter for odour restriction
- Tinted safety glass panes
- Sun shades
- Sliding windows on both sides
- Front / rear windscreem washer system
- Interval switch for windscreem wiper
- Outside and inside rear mirrors
- Heated outside mirror
- Air cushioned seat with seat belts acc. to ISO 683
- Seat heating
- Head rest
- Control unit for dozer blade and travel direction control integrated in driver’s seat
- Adjustable joystick steering
- Display instruments
- CD-Radio
- 24 V electrics
- Generator 80 A
- Battery disconnecting switch
- LED Working lights, 6 front / 4 rear
- Rotary beacon
- Audible backup alarm
- Warning horn
- Access steps right / left
- Towing eyes front / rear
- Reversing monitor
- Reversible fan
* must be ordered separately

Optional Equipment
- Premium compaction wheels with highly wear resistant teeth
- Pre start cabin heating
- Fire extinguisher
- Special painting
- Environmentally compliant hydraulic oil
- Protective ventilation system (Pre-installation)
- Lockable hood lock (anti-theft protection)
- Tool kit
- Semi-U-Blade 5250mm
- Automatic heating - air conditioning

Dimensions in mm

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>B2</th>
<th>B3</th>
<th>D</th>
<th>H</th>
<th>H2</th>
<th>H4</th>
<th>K</th>
<th>L</th>
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</thead>
<tbody>
<tr>
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<td>2225</td>
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<td>BC 1172 RB-2</td>
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<td>4500</td>
<td>4260</td>
<td>2200</td>
<td>4845</td>
<td>4400</td>
<td>2225</td>
<td>765</td>
<td>9425</td>
</tr>
</tbody>
</table>
## TECHNICAL DATA

### Weights
- Grossweight ........................................................... kg
- Operating weight CECE ............................................. kg
- Axle load, front / rear CECE ....................................... kg

### Dimensions
- Rear overhang .......................................................... mm

### Driving Characteristics
- Speed (1), forward .................................................. km/h
- Speed (1), reverse .................................................... km/h
- Speed (2), forward .................................................... km/h
- Speed (2), reverse .................................................... km/h
- Speed (3), forward .................................................... km/h
- Speed (3), reverse .................................................... km/h
- Max. gradeability (dep. on soil con.) ......................... %
- Max. pushing force ................................................ kN

### Drive
- Engine manufacturer ................................................
- Type .................................................................
- Emission stage ......................................................
- Cooling ..............................................................
- Performance ISO 9249 .......................................... kW
- Performance SAE J 1349 ....................................... hp
- Speed ............................................................... min⁻¹
- Travel system ......................................................
- Operating voltage ................................................ V

### Compaction Wheels
- Width, front ........................................................... mm
- Width, rear ............................................................. mm
- Outer diameter (front) ............................................. mm
- Outer diameter (rear) .............................................. mm
- Number of teeth/cutters, front .................................
- Number of teeth/cutters, rear .................................
- Compaction coverage per side ............................... mm

### Brakes
- Service brake ..........................................................
- Parking brake .......................................................  

### Steering
- Steering system ....................................................
- Steering method ....................................................
- Track radius, inner ............................................... mm
- Steering / oscillating angle +/- ................................... grad

### Dozer Blade
- Height adjustment over ground level ......................... mm
- Height adjustment below ground level ...................... mm
- Dozer blade capacity acc. to SAE J 1265 ..................... m³

### Capacities
- Fuel ................................................................. l
- Engine oil ........................................................... l
- Hydraulic oil ....................................................... l

<table>
<thead>
<tr>
<th>BOMAG BC 972 RB-2</th>
<th>BOMAG BC 1172 RB-2</th>
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<tbody>
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<tr>
<td>46.500</td>
<td>54.500</td>
</tr>
<tr>
<td>22.850/23.650</td>
<td>26.850/27.650</td>
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</table>

Technical modifications reserved. Machines may be shown with options.
REFUSE COMPACTORS
BC 972 RB-4L, BC 972 RB-4, BC 1172 RB-4

Dimensions in mm

<table>
<thead>
<tr>
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<th>A</th>
<th>B</th>
<th>B2</th>
<th>B3</th>
<th>D</th>
<th>H</th>
<th>H2</th>
<th>H4</th>
<th>K</th>
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<td>4400</td>
<td>2225</td>
<td>765</td>
<td>9575</td>
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</table>

Fields of application:
This refuse compactor is purpose-built for use on large and small landfill sites taking in both industrial or domestic waste, including bulk waste and building material.

Standard Equipment
- Electronic engine management
- Electronic monitoring module with engine shut-down
- Engine air intake at a height of 4 m
- Dry air filter
- Cold starting system
- Multi fuel filter system
- Fuel bleeding pump
- Hydraulic all-wheel drive (Quad pump drive)
- Wear control in hydraulic circuit
- Hydraulically operated articulated steering system
- Oscillating articulated joint between front and rear frames
- Automatic central lubrication system
- Polygonal compaction wheels, welded forged teeth*
- Adjustable scrapers in front of and behind each wheel
- All drive components well protected by the closed frame pan
- Wire deflector and drive protection on inner side of wheels
- Blade (5200 mm)*
- ROPS/FOPS
- Noise insulated cab
- Vibration insulated cab suspension
- Cab ventilation with overpressure
- Activated charcoal filter for odour restriction
- Automatic heating - air conditioning
- Tinted safety glass panes
- Sun shades
- Sliding windows on both sides
- Front / rear windscreen washer system
- Interval switch for windscreen wiper
- Outside and inside rear mirrors
- Heated outside mirror
- Air suspended seat
- Seat heating
- Head rest
- Control unit for dozer blade and travel direction control integrated in driver's seat
- Adjustable joystick steering
- Display instruments
- CD-Radio
- 24 V electrics
- Generator 80 A
- Battery disconnecting switch
- Working lights, 6 front / 4 rear
- Rotary beacon
- Audible backup alarm
- Warning horn
- Access steps right / left
- Towing eyes front / rear
- Hydr. driven, reversible and speed controlled radiator fan
- Rearview camera
* must be ordered separately

Optional Equipment
- Premium compaction wheels with highly wear resistant teeth
- Pre start cabin heating
- Fire extinguisher
- Special painting
- Protective ventilation system (Pre-installation)
- Lockable hood lock (anti-theft protection)
- Tool kit
- TELEMATIC
- Semi-U-Blade 5244mm
- Cold start device 115V
- Cold start device 230V
### TECHNICAL DATA

#### Weights
- Grossweight: \( \text{BOMAG BC 972 RB-4L} \) 45,200 kg, \( \text{BOMAG BC 972 RB-4} \) 49,300 kg, \( \text{BOMAG BC 1172 RB-4} \) 56,600 kg
- Operating weight CECE: \( \text{BOMAG BC 972 RB-4L} \) 44,400 kg, \( \text{BOMAG BC 972 RB-4} \) 48,500 kg, \( \text{BOMAG BC 1172 RB-4} \) 55,800 kg
- Axle load, front / rear CECE: \( \text{BOMAG BC 972 RB-4L} \) 20,850/23,550 kg, \( \text{BOMAG BC 972 RB-4} \) 22,850/24,950 kg, \( \text{BOMAG BC 1172 RB-4} \) 26,850/28,950 kg

#### Driving Characteristics
- Speed (1), forward: \( \text{BOMAG BC 972 RB-4L} \) 0-3.0 km/h, \( \text{BOMAG BC 972 RB-4} \) 0-3.0 km/h, \( \text{BOMAG BC 1172 RB-4} \) 0-3.0 km/h
- Speed (1), reverse: \( \text{BOMAG BC 972 RB-4L} \) 0-3.0 km/h, \( \text{BOMAG BC 972 RB-4} \) 0-5.0 km/h, \( \text{BOMAG BC 1172 RB-4} \) 0-5.0 km/h
- Speed (2), forward: \( \text{BOMAG BC 972 RB-4L} \) 0-5.0 km/h, \( \text{BOMAG BC 972 RB-4} \) 0-5.0 km/h, \( \text{BOMAG BC 1172 RB-4} \) 0-5.0 km/h
- Speed (3), forward: \( \text{BOMAG BC 972 RB-4L} \) 0-12.0 km/h, \( \text{BOMAG BC 972 RB-4} \) 0-12.0 km/h, \( \text{BOMAG BC 1172 RB-4} \) 0-12.0 km/h
- Speed (3), reverse: \( \text{BOMAG BC 972 RB-4L} \) 0-12.0 km/h, \( \text{BOMAG BC 972 RB-4} \) 0-12.0 km/h, \( \text{BOMAG BC 1172 RB-4} \) 0-12.0 km/h
- Max. gradeability (dep. on soil con.): \( \text{BOMAG BC 972 RB-4L} \) 100%, \( \text{BOMAG BC 972 RB-4} \) 100%, \( \text{BOMAG BC 1172 RB-4} \) 100%
- Max. pushing force: \( \text{BOMAG BC 972 RB-4L} \) 479 kN, \( \text{BOMAG BC 972 RB-4} \) 502 kN, \( \text{BOMAG BC 1172 RB-4} \) 598 kN

#### Drive
- Engine manufacturer: \( \text{BOMAG BC 972 RB-4L} \) Merc. Benz/MTU, \( \text{BOMAG BC 972 RB-4} \) Merc. Benz/MTU, \( \text{BOMAG BC 1172 RB-4} \) Merc. Benz/MTU
- Emission stage: \( \text{BOMAG BC 972 RB-4L} \) Stage IV / TIER4f, \( \text{BOMAG BC 972 RB-4} \) Stage IV / TIER4f, \( \text{BOMAG BC 1172 RB-4} \) Stage IV / TIER4f
- Exhaust gas aftertreatment: \( \text{BOMAG BC 972 RB-4L} \) SCR, \( \text{BOMAG BC 972 RB-4} \) SCR, \( \text{BOMAG BC 1172 RB-4} \) SCR
- Engine oil: \( \text{BOMAG BC 972 RB-4L} \) Liquid, \( \text{BOMAG BC 972 RB-4} \) Liquid, \( \text{BOMAG BC 1172 RB-4} \) Liquid

#### Compaction Wheels
- Width, front: \( \text{BOMAG BC 972 RB-4L} \) 1.200 mm, \( \text{BOMAG BC 972 RB-4} \) 1.400 mm, \( \text{BOMAG BC 1172 RB-4} \) 1.400 mm
- Width, rear: \( \text{BOMAG BC 972 RB-4L} \) 1.200 mm, \( \text{BOMAG BC 972 RB-4} \) 1.400 mm, \( \text{BOMAG BC 1172 RB-4} \) 1.400 mm
- Number of teeth/cutters, front: \( \text{BOMAG BC 972 RB-4L} \) 60, \( \text{BOMAG BC 972 RB-4} \) 72, \( \text{BOMAG BC 1172 RB-4} \) 72
- Number of teeth/cutters, rear: \( \text{BOMAG BC 972 RB-4L} \) 60, \( \text{BOMAG BC 972 RB-4} \) 72, \( \text{BOMAG BC 1172 RB-4} \) 72
- Compaction coverage per side: \( \text{BOMAG BC 972 RB-4L} \) 1.320 mm, \( \text{BOMAG BC 972 RB-4} \) 1.520 mm, \( \text{BOMAG BC 1172 RB-4} \) 1.520 mm

#### Brakes
- Service brake: \( \text{BOMAG BC 972 RB-4L} \) hydromec., \( \text{BOMAG BC 972 RB-4} \) hydromec., \( \text{BOMAG BC 1172 RB-4} \) hydromec.
- Parking brake: \( \text{BOMAG BC 972 RB-4L} \) hydromec., \( \text{BOMAG BC 972 RB-4} \) hydromec., \( \text{BOMAG BC 1172 RB-4} \) hydromec.

#### Steering
- Steering system: \( \text{BOMAG BC 972 RB-4L} \) oscill.artic., \( \text{BOMAG BC 972 RB-4} \) oscill.artic., \( \text{BOMAG BC 1172 RB-4} \) oscill.artic.
- Steering method: \( \text{BOMAG BC 972 RB-4L} \) hydraulic, \( \text{BOMAG BC 972 RB-4} \) hydraulic, \( \text{BOMAG BC 1172 RB-4} \) hydraulic
- Track radius, inner: \( \text{BOMAG BC 972 RB-4L} \) 3.250 mm, \( \text{BOMAG BC 972 RB-4} \) 3.050 mm, \( \text{BOMAG BC 1172 RB-4} \) 3.050 mm
- Steering / oscillating angle +/-: \( \text{BOMAG BC 972 RB-4L} \) 40/15 grad, \( \text{BOMAG BC 972 RB-4} \) 40/15 grad, \( \text{BOMAG BC 1172 RB-4} \) 40/15 grad

#### Dozer Blade
- Height adjustment over ground level: \( \text{BOMAG BC 972 RB-4L} \) 1.375 mm, \( \text{BOMAG BC 972 RB-4} \) 1.375 mm, \( \text{BOMAG BC 1172 RB-4} \) 1.375 mm
- Height adjustment below ground level: \( \text{BOMAG BC 972 RB-4L} \) 50 mm, \( \text{BOMAG BC 972 RB-4} \) 50 mm, \( \text{BOMAG BC 1172 RB-4} \) 50 mm
- Dozer blade capacity acc. to SAE J 1265: \( \text{BOMAG BC 972 RB-4L} \) 13,3 m³, \( \text{BOMAG BC 972 RB-4} \) 15,8 m³, \( \text{BOMAG BC 1172 RB-4} \) 15,8 m³

#### Capacities
- Fuel: \( \text{BOMAG BC 972 RB-4L} \) 1,000,0 l, \( \text{BOMAG BC 972 RB-4} \) 1,000,0 l, \( \text{BOMAG BC 1172 RB-4} \) 1,000,0 l
- Engine oil: \( \text{BOMAG BC 972 RB-4L} \) 47,0 l, \( \text{BOMAG BC 972 RB-4} \) 47,0 l, \( \text{BOMAG BC 1172 RB-4} \) 47,0 l
- Hydraulic oil: \( \text{BOMAG BC 972 RB-4L} \) 590,0 l, \( \text{BOMAG BC 972 RB-4} \) 590,0 l, \( \text{BOMAG BC 1172 RB-4} \) 590,0 l
- AdBlue (DEF): \( \text{BOMAG BC 972 RB-4L} \) 95,0 l, \( \text{BOMAG BC 972 RB-4} \) 95,0 l, \( \text{BOMAG BC 1172 RB-4} \) 95,0 l

Technical modifications reserved. Machines may be shown with options.
REFUSE COMPACTORS
BC 473 RB-5, BC 573 RB-5

Fields of application:
This refuse compactor is purpose-built for use on large and small landfill sites taking in both industrial or domestic waste, including bulk waste and building material.

Dimensions in mm

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>B2</th>
<th>B3</th>
<th>D</th>
<th>H</th>
<th>H4</th>
<th>K</th>
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<td>1660</td>
<td>3820</td>
<td>1950</td>
<td>600</td>
<td>8610</td>
</tr>
</tbody>
</table>

Standard Equipment
- Electronic engine management
- Electronic monitoring module with engine shut-down
- Dry air filter
- Multi fuel filter system
- Fuel bleeding pump
- Four wheel drives, hydraulic differential lock in the front and rear (Twin pump drive – BC 473 RB-4)
- Four wheel drives with 4 pumps (Quad pump drive – BC 573 RB-4)
- Wear control in hydraulic circuit
- Oscillating articulated joint between front and rear frames
- Polygonal compaction wheels, teeth with replaceable caps*
- Adjustable scrapers in front of and behind each wheel
- All drive components well protected by the closed frame pan
- Wire deflector and drive protection on inner side of wheels
- Blade 3600 mm*
- ROPS/FOPS
- Noise insulated cab with heating – air conditioning
- Vibration insulated cab suspension
- Safety glass cabin window panes
- Sun visor
- Hinged window left
- Windscreen wiper / washer front
- Outside rear mirrors
- Activated carbon filter
- High air intake
- Air suspended seat
- Central lubrication system
- TELEMATIC POWER
- Joystick steering
- Display instruments
- Lockable cabin/engine hood
- 24 V electrics
- Generator 150 A
- Battery disconnecting switch
- Working lights, 4 front / 2 rear
- Audible backup alarm
- Warning horn
- Access steps right / left
- Towing eyes front / rear
- Heated rear screens
- Reversible fan
- Working platform
- Rearview camera
* must be ordered separately

Optional Equipment
- Premium compaction wheels with highly wear resistant teeth
- CD-Radio
- Pre start cabin heating
- Rotary beacon
- Fire extinguisher
- Special painting
- Electrical anti-theft system with numerical code
- Protective ventilation system (Pre-installation)
- Tool kit
- Protective grille for cabin
- Climatronic
- Semi-U-Blade 3590mm
- Tachograph
- Cold start device
- LED Working head lights
- Cold start device (115V)
- Cold start device (230V)
- Protective grille, rear
### TECHNICAL DATA

<table>
<thead>
<tr>
<th></th>
<th>BOMAG BC 473 RB-5</th>
<th>BOMAG BC 573 RB-5</th>
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<tr>
<td><strong>Weights</strong></td>
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<tr>
<td>Grossweight</td>
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<tr>
<td>Operating weight CECE</td>
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<td>Axle load, rear CECE</td>
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<tr>
<td><strong>Driving Characteristics</strong></td>
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<tr>
<td>Speed (1), forward</td>
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<td>0-4.5 km/h</td>
</tr>
<tr>
<td>Speed (1), reverse</td>
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<td>Speed (2), forward</td>
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<tr>
<td>Speed (2), reverse</td>
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<td>0-12.0 km/h</td>
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<tr>
<td>Max. gradeability (dep. on soil con.)</td>
<td>100 %</td>
<td>100 %</td>
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<tr>
<td>Max. pushing force</td>
<td>281 kN</td>
<td>305 kN</td>
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<td><strong>Drive</strong></td>
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<tr>
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<td>OM 936 LA</td>
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<td>Stage V / TIER4f</td>
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<tr>
<td>Exhaust gas aftertreatment</td>
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<td>SCR+DOC+DPF</td>
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<tr>
<td>Cooling</td>
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<tr>
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<tr>
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<td>210,0 kW</td>
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<tr>
<td>Performance SAE J 1349</td>
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<td>2.200 min⁻¹</td>
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<td>Operating voltage</td>
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<tr>
<td><strong>Compaction Wheels</strong></td>
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<tr>
<td>Width, front</td>
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<td>Width, rear</td>
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<tr>
<td>Outer diameter (rear)</td>
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<tr>
<td>Parking brake</td>
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<tr>
<td><strong>Steering</strong></td>
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<td><strong>Dozer Blade</strong></td>
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<td>Height adjustment below ground level</td>
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<td><strong>Capacities</strong></td>
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<td>AdBlue (DEF)®</td>
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</table>

Technical modifications reserved. Machines may be shown with options.
REFUSE COMPACTOR
BC 473 RS-5

Fields of application:
This refuse compactor is purpose-built for use on large and small landfill sites taking in both industrial or domestic waste, including bulk waste and building material.

Dimensions in mm

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>B2</th>
<th>B3</th>
<th>D</th>
<th>H</th>
<th>H4</th>
<th>K</th>
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Optional Equipment
- Premium compaction wheels with highly wear resistant teeth
- CD-Radio
- Pre start cabin heating
- Rotary beacon
- Fire extinguisher
- Special painting
- Electrical anti-theft system with numerical code
- Tool kit
- Protective grille for cabin
- Climatronic
- Tachograph
- Cold start device
- Protective ventilation system (Pre-installation)
- Bucket tooth system
- LED Working head lights
- Cold start device (115V)
- Cold start device (230V)
- Protective grille, rear

Standrad Equipment
- Rearview camera
- Reversible fan
- Heated rear screens
- Towing eyes front / rear
- Access steps right / left
- Warning horn
- Audible backup alarm
- Working lights, 4 front / 2 rear
- Generator 150 A
- 24 V electrics
- Lockable cabin/engine hood
- Display instruments
- Battery disconnecting switch
- Joystick steering
- Central lubrication system
- TELEMATIC POWER
- High air intake
- Air suspended seat
- Wire deflector and drive protection on inner side of wheels
- Bucket 3200 mm*
- ROPS/FOPS
- Noise insulated cab with heating – air conditioning
- Vibration insulated cab suspension
- Safety glass cabin window panes
- Sun visor
- Hinged window left
- Windscreen wiper / washer front
- Outside rear mirrors
- Activated carbon filter
- Wire deflector and d
### TECHNICAL DATA

#### Weights
- Grossweight ................................. kg
- Operating weight CECE .................. kg
- Axle load, front CECE ..................... kg
- Axle load, rear CECE ...................... kg

#### Driving Characteristics
- Speed (1), forward ....................... km/h
- Speed (1), reverse ....................... km/h
- Speed (2), forward ....................... km/h
- Speed (2), reverse ....................... km/h
- Max. gradeability (dep. on soil con.) %
- Max. pushing force ...................... kN

#### Drive
- Engine manufacturer ....................
- Type ...........................................
- Emission stage ............................
- Exhaust gas aftertreatment ...........
- Cooling ......................................
- Number of cylinders ................... mm
- Performance ISO 9249 .................. kW
- Performance SAE J 1349 ............... hp
- Speed ....................................... min-1
- Travel system .............................
- Operating voltage ....................... V

#### Compaction Wheels
- Width, front ................................ mm
- Width, rear .................................. mm
- Outer diameter (front) .................. mm
- Outer diameter (rear) ................. mm
- Number of teeth/cutters, front ..........
- Number of teeth/cutters, rear .......... mm
- Compaction coverage per side ........ mm

#### Brakes
- Service brake .............................
- Parking brake ...............................

#### Steering
- Steering system ............................
- Steering method ...........................
- Steering angle +/− ....................... grad
- Oscillating angle +/− .................... grad
- Track radius, inner ...................... mm

#### Capacities
- Fuel .......................................... l
- Hydraulic oil ................................ l
- AdBlue (DEF) ® ......................... l

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Technical modifications reserved. Machines may be shown with options.

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<td>281</td>
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<td>Merc. Benz/MTU</td>
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<td>OM 936 LA</td>
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REFUSE COMPACTORS
BC 873 RB-5, BC 973 RB-5, BC 1173 RB-5

Fields of application:
This refuse compactor is purpose-built for use on large and small landfill sites taking in both industrial or domestic waste, including bulk waste and building material.

Dimensions in mm

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>B2</th>
<th>B3</th>
<th>D</th>
<th>H2</th>
<th>H4</th>
<th>K</th>
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<td>4100</td>
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<td>2200</td>
<td>4400</td>
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<td>9765</td>
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<td>BC 1173 RB-5</td>
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<td>4500</td>
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<td>2200</td>
<td>4400</td>
<td>2285</td>
<td>765</td>
<td>9765</td>
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</table>

Optional Equipment
- Premium compaction wheels with highly wear resistant teeth
- Pre start cabin heating
- Fire extinguisher
- Special painting
- Protective ventilation system
  (Pre-installation)
- Hood lock (anti-theft protection)
- Tool kit
- Semi-U-Blade 5244mm
- Cold start device 115V
- Cold start device 230V

Standard Equipment
- Electronic engine management
- Electronic monitoring module with engine shut-down
- Engine air intake at a height of 4 m
- Dry air filter
- Cold starting system
- Multi fuel filter system
- Fuel bleeding pump
- Hydraulic all-wheel drive (Quad pump drive)
- Wear control in hydraulic circuit
- Hydraulically operated articulated steering system
- Oscillating articulated joint between front and rear frames
- Automatic central lubrication system
- Polygonal compaction wheels, welded forged teeth*
- Adjustable scrapers in front of and behind each wheel
- All drive components well protected by the closed frame pan
- Wire deflector and drive protection on inner side of wheels
- Blade (5200 mm)*
- ROPS/FOPS
- Noise insulated cab
- Vibration insulated cab suspension
- Cab ventilation with overpressure
- Activated charcoal filter for odour restriction
- Automatic heating - air conditioning
- Tinted safety glass panes
- Sun shades
- Hinged window, left
- Windscreen wiper/washer, front
- Interval switch for windscreen wipers
- Outer rear-view mirror, electrically adjustable
- Heated outside mirror
- Air suspended seat
- Seat heating
- Head rest
- Control unit for dozer blade and travel direction control integrated in driver’s seat
- Adjustable joystick steering
- Display instruments
- CD-Radio
- 24 V electrics
- Generator 80 A
- Battery disconnecting switch
- LED Working lights, 4 front/4 rear/2 lateral
- Rotary beacon
- Audible backup alarm
- Warning horn
- Access steps right / left
- Towing eyes front / rear
- Hydr. driven, reversible and speed controlled radiator fan
- Rearview camera
- TELEMATIC POWER
  * must be ordered separately
### TECHNICAL DATA

**Weights**

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<th>BC 1173 RB-5</th>
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<td>Operating weight CECE</td>
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<td>56.600</td>
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**Driving Characteristics**

<table>
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<th>BC 973 RB-5</th>
<th>BC 1173 RB-5</th>
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</thead>
<tbody>
<tr>
<td>Speed (1), forward</td>
<td>0–12.0</td>
<td>0–12.0</td>
<td>0–12.0</td>
</tr>
<tr>
<td>Speed (1), reverse</td>
<td>0–12.0</td>
<td>0–12.0</td>
<td>0–12.0</td>
</tr>
<tr>
<td>Max. gradability (dep. on soil cond.)</td>
<td>100</td>
<td>100</td>
<td>100</td>
</tr>
<tr>
<td>Max. pushing force</td>
<td>448</td>
<td>502</td>
<td>613</td>
</tr>
</tbody>
</table>

**Drive**

<table>
<thead>
<tr>
<th></th>
<th>BC 873 RB-5</th>
<th>BC 973 RB-5</th>
<th>BC 1173 RB-5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>OM 473 LA</td>
<td>OM 473 LA</td>
<td>OM 473 LA</td>
</tr>
<tr>
<td>Emission stage</td>
<td>Stage V / TIER4f</td>
<td>Stage V / TIER4f</td>
<td>Stage V / TIER4f</td>
</tr>
<tr>
<td>Exhaust gas aftertreatment</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cooling</td>
<td>Liquid</td>
<td>Liquid</td>
<td>Liquid</td>
</tr>
<tr>
<td>Number of cylinders</td>
<td>6</td>
<td>6</td>
<td>6</td>
</tr>
<tr>
<td>Performance ISO 9249</td>
<td>340.0</td>
<td>430.0</td>
<td>430.0</td>
</tr>
<tr>
<td>Speed</td>
<td>456.0</td>
<td>576.0</td>
<td>576.0</td>
</tr>
<tr>
<td>Travel system</td>
<td>hydrom.</td>
<td>hydrom.</td>
<td>hydrom.</td>
</tr>
<tr>
<td>Operating voltage</td>
<td>24</td>
<td>24</td>
<td>24</td>
</tr>
</tbody>
</table>

**Compaction Wheels**

<table>
<thead>
<tr>
<th></th>
<th>BC 873 RB-5</th>
<th>BC 973 RB-5</th>
<th>BC 1173 RB-5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Width, front</td>
<td>1.200</td>
<td>1.400</td>
<td>1.400</td>
</tr>
<tr>
<td>Width, rear</td>
<td>1.200</td>
<td>1.400</td>
<td>1.400</td>
</tr>
<tr>
<td>Number of teeth/cutters, front</td>
<td>60</td>
<td>72</td>
<td>72</td>
</tr>
<tr>
<td>Number of teeth/cutters, rear</td>
<td>60</td>
<td>72</td>
<td>72</td>
</tr>
<tr>
<td>Compaction coverage per side</td>
<td>1.320</td>
<td>1.520</td>
<td>1.520</td>
</tr>
</tbody>
</table>

**Brakes**

<table>
<thead>
<tr>
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<th>BC 873 RB-5</th>
<th>BC 973 RB-5</th>
<th>BC 1173 RB-5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Service brake</td>
<td>hydrom.</td>
<td>hydrom.</td>
<td>hydrom.</td>
</tr>
<tr>
<td>Parking brake</td>
<td>hydromec.</td>
<td>hydromec.</td>
<td>hydromec.</td>
</tr>
</tbody>
</table>

**Steering**

<table>
<thead>
<tr>
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<th>BC 873 RB-5</th>
<th>BC 973 RB-5</th>
<th>BC 1173 RB-5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Steering system</td>
<td>oscil.artic.</td>
<td>oscil.artic.</td>
<td>oscil.artic.</td>
</tr>
<tr>
<td>Steering method</td>
<td>hydraulic</td>
<td>hydraulic</td>
<td>hydraulic</td>
</tr>
<tr>
<td>Track radius, inner</td>
<td>3.250</td>
<td>3.050</td>
<td>3.050</td>
</tr>
<tr>
<td>Steering / oscillating angle +/-</td>
<td>40/15</td>
<td>40/15</td>
<td>40/15</td>
</tr>
</tbody>
</table>

**Dozer Blade**

<table>
<thead>
<tr>
<th></th>
<th>BC 873 RB-5</th>
<th>BC 973 RB-5</th>
<th>BC 1173 RB-5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Height adjustment over ground level</td>
<td>1.375</td>
<td>1.375</td>
<td>1.375</td>
</tr>
<tr>
<td>Height adjustment below ground level</td>
<td>50</td>
<td>50</td>
<td>50</td>
</tr>
<tr>
<td>Dozer blade capacity acc. to SAE J 1265</td>
<td>13.8</td>
<td>15.8</td>
<td>15.8</td>
</tr>
</tbody>
</table>

**Capacities**

<table>
<thead>
<tr>
<th></th>
<th>BC 873 RB-5</th>
<th>BC 973 RB-5</th>
<th>BC 1173 RB-5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fuel</td>
<td>1.000,0</td>
<td>1.000,0</td>
<td>1.000,0</td>
</tr>
<tr>
<td>Engine oil</td>
<td>47.0</td>
<td>47.0</td>
<td>47.0</td>
</tr>
<tr>
<td>Hydraulic oil</td>
<td>590,0</td>
<td>590,0</td>
<td>590,0</td>
</tr>
<tr>
<td>AdBlue (DEF)</td>
<td>95,0</td>
<td>95,0</td>
<td>95,0</td>
</tr>
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</table>

Technical modifications reserved. Machines may be shown with options.
<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
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</thead>
<tbody>
<tr>
<td>ASPHALT MANAGER</td>
<td>343</td>
</tr>
<tr>
<td>E_VIB</td>
<td>344</td>
</tr>
<tr>
<td>ECONOMIZER</td>
<td>345</td>
</tr>
<tr>
<td>BTM</td>
<td>347</td>
</tr>
<tr>
<td>BCM start</td>
<td>348</td>
</tr>
<tr>
<td>BCM 05</td>
<td>349</td>
</tr>
<tr>
<td>BCM 05 positioning</td>
<td>350</td>
</tr>
<tr>
<td>BCM net</td>
<td>351</td>
</tr>
<tr>
<td>TELEMATIC</td>
<td>352</td>
</tr>
<tr>
<td>Application Tips</td>
<td>354</td>
</tr>
<tr>
<td>Compaction Performance</td>
<td>357</td>
</tr>
<tr>
<td>Earth Work</td>
<td>357</td>
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<tr>
<td>Asphalt Work</td>
<td>359</td>
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<tr>
<td>Earth and Asphalt Work</td>
<td>361</td>
</tr>
<tr>
<td>Terminology</td>
<td>363</td>
</tr>
<tr>
<td>Maintenance/Parts Service</td>
<td>385</td>
</tr>
</tbody>
</table>
Automatic compaction control: Display of $E_{\text{VIB}}$ [MN/m$^2$]

Brief description:
ASPHALT MANAGER is an intelligent compaction system which automatically adjusts amplitude. The AM 2 system is the enhanced successor to the popular ASPHALT MANAGER with $E_{\text{VIB}}$ display [MN/m$^2$]. The system visually displays the compaction progress achieved; the $E_{\text{VIB}}$ value is now used as a measuring and control value. This directly controls the applied amplitude, and can also control the target value. ASPHALT MANAGER (AM 2) is now the premier system for automatic compaction control into which BOMAG has programmed specific empirical results (database) to provide the optimum settings for nearly all asphalt applications. The roller operator preselects typical applications with the aid of simple menus, making compaction work ever more efficient.

Consistent use of ASPHALT MANAGER (AM 2) – especially on large-scale projects – means active quality management, and lower costs for compaction work.

Fields of application:
The ASPHALT MANAGER system demonstrates its superiority over conventional vibration or pure oscillation in higher efficiency and versatility of the roller fitted with this system. However, depending on the application an oscillating movement may either be set automatically or manually. Especially the rolling of joints (hot against cold) can be comfortably performed, because uncontrolled jumping of the drum, as with vibration, is avoided.

Jumping of a drum on thin layers or difficult to compact materials is reliably prevented.

On the other hand, thick layers are compacted more effectively by directed vibrations (good depth effect).

Since the resultant direction of force always adjusts to the direction of travel, the surface quality improves especially on scuff-sensitive types of asphalt.

ATM automatically provides the maximum compaction energy per pass.

Advantages of the AM:
- The compaction increase for the entire surface is displayed in MN/m$^2$. Increase of $E_{\text{VIB}}$ = Increase in compaction
- Automatic adaptation of the compaction power
- Prevention of loosening and particle damage in the material caused by jumping of the drum
- Wider range of applications with better compaction quality
- Direction of forces matching the direction of travel for a better surface quality
- The AM is equipped as standard with a display (BOMAG Operational Panel). This enables the roller driver to receive the following information in addition to the soil stiffness value $E_{\text{VIB}}$:
  - Currently effective amplitude
  - Surface temperature of the mix
  - Diagnostic system for servicing
- The AM is prepared as standard for the connection of a measuring recorder (optional) for $E_{\text{VIB}}$
The \( E_{\text{VIB}} \)-Meter (BEM), newly developed by BOMAG, is a compaction measuring system for continuous determination and analogue display of the dynamic soil stiffness in form of the vibration modulus \( E_{\text{VIB}} \) [MN/m\(^2\)]. The BEM is employed to assist the roller operator in the qualitative and quantitative assessment of compaction in earthwork, road construction and landscape gardening.

**Concise description:**

Ground contact force and subsidence of the drum are determined on basis of acceleration measurements on the vibrating drum body and used to calculate the vibration modulus \( E_{\text{VIB}} \) [MN/m\(^2\)]. \( E_{\text{VIB}} \) describes the dynamic soil stiffness and is directly related with the deformation modulus \( EV2 \) of the static plate load test acc. to DIN 18196.

The BEM consists of a transducer and computer unit and the analogue \( E_{\text{VIB}} \) display.
The Economizer is a compaction measuring system which uses stiffness measurements. During the rolling process, compaction progress can be displayed on up to 10 LEDs. An increasing number of LEDs means an increase in compaction. If the number of LEDs remains constant after several roller passes, an increase in compaction is no longer possible or the asphalt mix to be compacted has already cooled down too much. This may cause jumping of the drum and is indicated by an additional red LED.

Other displays:
- asphalt surface temperature
- warning of jump risk (red LED)
- optimum working speed (when vibrating)

Prerequisites:
- solid substructure of the material to be compacted
- asphalt surface min. 80 °C

The advantages:
- avoids unnecessary passes
  (no overcompaction, saves time and fuel)
- identifies weak spots
  (no rework)
- system-integrated measuring system
  (switch vibration on)
- easy to understand
  (no calibration since it is a relative measuring value)

The Economizer is optionally available for reversible plates, tandem rollers BW 80 – BW 138 AD-5 and BW 141 – 206 AD-5 / -50; (not for AM or AP rollers)
The dynamic soil stiffness is continuously calculated as a vibration module \( E_{\text{VIB}} \) [MN/m\(^2\)] using the BOMAG measuring system Terrameter. The terrameter is used to support the roller driver to optimise work, in assessing and controlling compaction and in the context of surface covering dynamic compaction control (SCCC) when compacting soils, unbound base layers and anti-frost materials.

**Concise description:**
For calculation of the vibration modulus \( E_{\text{VIB}} \) [MN/m\(^2\)] ground contact force and subsidence of the drum are determined on basis of acceleration measurements taken on the vibrating drum body. \( E_{\text{VIB}} \) describes the dynamic stiffness and enables a qualitative and quantitative assessment of compaction and load bearing capacity. The \( E_{\text{VIB}} \)-value is directly related with the deformation modulus \( E_{\text{V2}} \) of the static plate load test acc. to DIN 18196.

The terrameter prof consist of transducer unit to pick up the acceleration signals, the computer to process the acceleration signals and to determine the \( E_{\text{VIB}} \)-values.

The terrameter measuring system is part of the standard equipment on VARIOCONTROL rollers.

**Benefits of Terrameter is**
- Direct determination of the dynamic soil stiffness in form of the vibration modulus \( E_{\text{VIB}} \) in MN/m\(^2\), analogue to the static plate load test acc. to DIN 18196
- Qualitative and quantitative assessment of compaction and load bearing capacity of the ground
- Immediate detection of weak spots and inhomogeneities
- Proof of the maximum possible compaction
- Documentation of results as a line diagram whilst rolling (printer)
- Reduction of the extent of conventional testing by targeted application of conventional testing methods
- Optimization of the deployment of compaction equipment
- Reduction of costs for machines, operation and personnel
With BCM start BOMAG now offers a very simple to handle and economical system for continuous documentation of passes and, in case of asphalt applications, also the compaction temperature. BCM start consists of the BCM start tablet PC with touch-screen, integrated BCM start software and bracket, as well as the BOMAG Starfire GPS-receiver.

During the compaction process the roller driver is informed about his position and the number of completed passes. He recognizes whether targets have been reached or further passes are required. A pdf-document can be loaded on a USB-stick as a protocol of the completed work. The document shows the processed area with a statistical evaluation of passes and, if necessary, the compaction temperature of the asphalt. Special features of this system are simple operation, robust and well proven hardware and software modules and, due to the highly attractive purchasing costs, excellent cost effectiveness for the contractor.

**Advantages of BCM start**
- Can be quickly and easily installed on all BOMAG single drum rollers and asphalt rollers
- Is immediately ready for operation, without any project preparation
- Offers simple and intuitive operation
- Visualizes compaction passes and temperature
- Enhances the compaction quality
- Supports the roller driver
- Optimizes the use of machines
- Provides a printable pdf-document with a pass and temperature map via USB
BOMAG Compaction Management BCM 05 offers surface covering dynamic compaction control. The BCM 05 is a convenient way to manage measurement data and it provides extensive evaluation options. The EVIB values calculated by the measuring system (BEM or BTM) are graphically illustrated and saved on the Tablet PC. The measured values are displayed in freely selectable colour intervals. Compaction progress, achievement of target values and the appearance of weak points in the surface are easily identifiable in real-time during compaction. Data can be transferred to a stationary PC by USB stick and can be further analysed and documented using the "BCM 05 office" software. Machine utilisation can be optimised with the aid of BCM 05. The application risk is mini-mised by surface covering control and documentation. The BCM 05 can also be used on BOMAG asphalt rollers with Asphalt Manager, and it’s very easy to change between different machines.

**BCM 05 includes:**
- A robust Tablet PC with touchscreen suitable for construction site use, with a textile protective cover
- A holder for attachment within the cab
- BCM 05 mobile and BCM office software
- USB stick

**Advantages:**
- Provides continuous, clear information during compaction
- Identifies poorly compacted or compactable areas
- Illustrates compaction progress
- Illustrates target value achievements using colour intervals
- Manages measured data clearly with product, construction plot, shift and field structure
- Creates concise measurement logs
- Minimises the application risk
- Increases the efficiency of compaction
- Simple to operate with a robust design
- Can be used on several machines
BCM 05 positioning connects GPS positioning data to $E_{VIB}$ measured values. BCM 05 enables manipulation-proof, very userfriendly SCCC. BCM 05 positioning is sent positioning data from the “StarFire” DGPS receiver, achieving an accuracy of 15 cm with an integrated correction signal. Alternatively, GPS data from other conventional DGPS systems can also be used via an interface. This means the user can take advantage of existing on-site infrastructures. BCM 05 positioning simplifies SCC; in contrast to track-bound detection the BCM 05 does not ask for field specifications, so the roller driver no longer has to assign the current roller track to the corresponding field area. BCM 05 positioning consequently prevents any misoperation and manipulation. This makes the quality of documentation unrivalled.

**BCM 05 positioning offers the following functions:**

- Allocation of roller positioning data to $E_{VIB}$ measured values
- Convenient graphic display on a Tablet PC (see BCM 05)
- Completely manipulation-proof documentation
- Monitoring and documentation of roller passes
- Integration of construction sites. Coordinate systems and/or station axes on linear construction sites
- Detailed evaluation options and statistical analyses
BCM NET

BCM net links up all rollers on one earthworks and asphalt construction site involved in the compaction process. The individual measuring data and position of the rollers are made available to all connected participants in real time. The BCM 05 screen provides every roller operator with information about his own compaction work and that of every other operator involved in the process. The site’s overall compaction situation is continuously presented and documented as compaction, E\textsubscript{VIB}, pass, or for asphalt construction sites, temperature map.

The BCM net comprises a server, a WLAN module for each roller involved in the group and BCM net software. As a prerequisite for BCM net each participating roller must be equipped with a BCM 05 and the BOMAG Starfire GPS system. Up to 8 machines can be linked. Every 10 seconds each roller receives an updated image. The reach of the WLAN network is 150 m. Should the connections fail because of a too large distance to the server or dead spots, no data will be lost. Once the connection is up again, the overall image will be updated.

**BCM net advantages**

- Uniform system components and software for asphalt and earthwork applications
- Depiction of static and dynamic passes as well as the compaction progress of all participating rollers
- Depiction of E\textsubscript{VIB}-values, E\textsubscript{VIB}-increases and temperature
- Analysis and documentation of E\textsubscript{VIB} values, passes under specified temperatures and speed limitations
- Bridging over of temporary connection disruptions and dead spots
- Smooth handling with asynchronous start of all roller tasks
BOMAG TELEMATIC is a fleet management system for the efficient deployment of all machines. With BOMAG TELEMATIC the machine operator can localize his machines and also detect and save operating states. The actual operating hours are documented. BOMAG TELEMATIC is able to detect unauthorized use and theft and simplify maintenance of the machine. The system consists of a machine integrated hardware and an internet application. All data are saved in a database. Access is individually determined for each user and password protected in the internet.

**Funktion volume BOMAG TELEMATIC START:**
- Localization – recording of operating hours
- Theft protection by virtual fences
- Alarm message when leaving virtual fences
- Alarm message when used outside defined times
- Maintenance scheduling
- Maintenance regime
- Idle times / standstill analysis
- Two freely determinable digital inputs

The START stage is available for BOMAG heavy equipment (= self-propelled). The scope of performance of BOMAG TELEMATIC includes the complete service for transfer and provision of data for a period of 36 months. No additional costs. At the end of the 36 months, the service can be extended under the terms and conditions applicable at that time. BOMAG TELEMATIC is also compatible for machines from other manufacturers. 8-32 V power supply required. Data transfer from GSM / GPRS radio network.

For real-time transfer network coverage must be available. Should a network temporarily not be available, the data will be saved and transferred later. BOMAG TELEMATIC is not globally available.
### APPLICATION TIPS FOR EARTHWORKS AND ASPHALTWORKS

#### kN kg 2 - 4 cm 6 - 8 cm 10 - 14 cm

<table>
<thead>
<tr>
<th>50 → 40</th>
<th>kN</th>
<th>kg</th>
<th></th>
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<tbody>
<tr>
<td>BT 60</td>
<td>≤ 15</td>
<td>&lt; 62</td>
<td></td>
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</tr>
<tr>
<td>BT 65</td>
<td>16-17</td>
<td>62-85</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B(V)P 10/xx - BVP 18/45</td>
<td>≤ 20</td>
<td>47-91</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>BP 20/50 (D)</td>
<td>≥ 20</td>
<td>95-109</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>BP 25/50 (D)</td>
<td>≥ 25</td>
<td>108-122</td>
<td></td>
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</tr>
<tr>
<td>BPR 25/xx</td>
<td>≤ 25</td>
<td>150-230</td>
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<td>BPR 35/xx</td>
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<tr>
<td>BPR 45/55 D, BPR 50/55 D</td>
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<td>400-600</td>
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<tr>
<td>BPR 55/65 D, BPR 60/65 D</td>
<td>≤ 60</td>
<td>600-800</td>
<td></td>
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<tr>
<td>BPR 70/70 D</td>
<td>≤ 70</td>
<td>800-1100</td>
<td></td>
<td></td>
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<tr>
<td>BPR 100/80 D, BPH 80/65 S</td>
<td>≤ 100</td>
<td>&gt; 700</td>
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<tr>
<td>BW 55 E</td>
<td>10</td>
<td>≤ 170</td>
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<tr>
<td>BW 71 E-2</td>
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<tr>
<td>BW 65 H</td>
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<td>≤ 800</td>
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<tr>
<td>BW 75 H</td>
<td>40</td>
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</tr>
<tr>
<td>BMP 8500</td>
<td>72</td>
<td>≤ 1500</td>
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</tbody>
</table>

- suitable
- unsuitable
These guidelines are the result of trial compaction and site operations. Compaction specifications can generally be achieved in four to eight passes under normal application conditions.

<table>
<thead>
<tr>
<th>Rock</th>
<th>Crushed stones</th>
<th>Gravel/Sand</th>
<th>Mixed soil</th>
<th>Silt/Clay</th>
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<tbody>
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<td></td>
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<td>45 → 35</td>
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<td>30 → 25</td>
</tr>
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<td></td>
<td>30 → 25</td>
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<td>25 → 20</td>
<td>20 → 15</td>
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<td>30 → 25</td>
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<td></td>
<td>15 → 13</td>
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<td>55 → 45</td>
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<td>75 → 60</td>
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<td>50 → 45</td>
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<td>25 → 20</td>
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<td></td>
<td>25 → 20</td>
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<td>18 → 15</td>
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<td></td>
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<td>35 → 30</td>
<td>40 → 35</td>
<td>40 → 35</td>
<td>35 → 30</td>
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APPLICATION TIPS FOR PAVING WORKS

Plastic mat

- Natural stone (smooth or rough)
- Concrete blocks and plates
- Small to medium-sized surfaces

<table>
<thead>
<tr>
<th>S = Thickness</th>
<th>kN</th>
<th>kg</th>
<th>6 cm</th>
<th>8-10 cm</th>
<th>&gt; 12 cm</th>
</tr>
</thead>
<tbody>
<tr>
<td>B(V)P 10/XX - BP 12/40</td>
<td>≤ 12</td>
<td>47-83</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
</tr>
<tr>
<td>B(V)P 18/45 - BP 25/50</td>
<td>&gt; 15</td>
<td>83-125</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
</tr>
<tr>
<td>BPR 25/XX</td>
<td>≤ 25</td>
<td>150</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
</tr>
<tr>
<td>BPR 35/XX - BPR 40/60 D</td>
<td>≤ 35</td>
<td>230</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
</tr>
<tr>
<td>BPR 45/55 D - BPR 60/65 D</td>
<td>≤ 60</td>
<td>460</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
</tr>
<tr>
<td>BPR 70/70 D</td>
<td>&gt; 65</td>
<td>550</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
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</tbody>
</table>

These guidelines are the result of trial compaction and site operations. Compaction specifications can generally be achieved in four to eight passes under normal application conditions.

STONEGUARD

- Concrete blocks
- Smooth natural stone
- Large surfaces
- Non bevelled stones
- Sensitive surfaces

<table>
<thead>
<tr>
<th>S = Thickness</th>
<th>kN</th>
<th>kg</th>
<th>6 cm</th>
<th>8 cm</th>
<th>10 cm</th>
<th>&gt; 10 cm</th>
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</thead>
<tbody>
<tr>
<td>BPR 25/50 D</td>
<td>≤ 25</td>
<td>150</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
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<tr>
<td>BPR 35/60</td>
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<td>230</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
</tr>
<tr>
<td>BPR 50/55 D</td>
<td>≤ 60</td>
<td>460</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
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</tbody>
</table>

Please observe the paving stone manufacturer’s laying instructions.

Since it is not possible to make generalisations about the different concrete blocks, BOMAG GmbH recommends laying test areas.

(1) Not suitable for large formats (L/W 50 cm) and bar formats.
Reference values for layer thickness dependent upon the compaction equipment

<table>
<thead>
<tr>
<th>Type of machine/Operating weight CECE</th>
<th>Compacted layer thickness (m)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rock</td>
<td>Gravel, Sand</td>
</tr>
<tr>
<td>BW 80 AD-5</td>
<td>1.6</td>
</tr>
<tr>
<td>BW 90 AD-5</td>
<td>1.6</td>
</tr>
<tr>
<td>BW 100 ADM-5</td>
<td>1.7</td>
</tr>
<tr>
<td>BW 90 SC-5</td>
<td>1.7</td>
</tr>
<tr>
<td>BW 100 SC-5</td>
<td>1.7</td>
</tr>
<tr>
<td>BW 900-50</td>
<td>1.2</td>
</tr>
<tr>
<td>BW 100 AD-5</td>
<td>2.5</td>
</tr>
<tr>
<td>BW 120 AD-5</td>
<td>2.7</td>
</tr>
<tr>
<td>BW 131 AD-5</td>
<td>4.0</td>
</tr>
<tr>
<td>BW 135 AD-5</td>
<td>3.9</td>
</tr>
<tr>
<td>BW 138 AD-5</td>
<td>4.3</td>
</tr>
<tr>
<td>BW 141 AD-5</td>
<td>6.9</td>
</tr>
<tr>
<td>BW 151 AD-5</td>
<td>7.6</td>
</tr>
<tr>
<td>BW 154 AD-5</td>
<td>8.3</td>
</tr>
<tr>
<td>BW 161 AD-5</td>
<td>10.0</td>
</tr>
<tr>
<td>BW 190 AD-5</td>
<td>12.1</td>
</tr>
<tr>
<td>BW 202 AD-5</td>
<td>12.3</td>
</tr>
<tr>
<td>BW 191 AD-5</td>
<td>13.5</td>
</tr>
<tr>
<td>BW 206 AD-5</td>
<td>14.1</td>
</tr>
<tr>
<td>BW 151 AD-5 AM</td>
<td>7.9</td>
</tr>
<tr>
<td>BW 161 AD-5 AM</td>
<td>10.2</td>
</tr>
<tr>
<td>BW 191 AD-5 AM</td>
<td>13.9</td>
</tr>
<tr>
<td>BW 206 AD-5 AM</td>
<td>14.1</td>
</tr>
<tr>
<td>BW 161 AD0-5</td>
<td>9.6</td>
</tr>
<tr>
<td>BW 190 AD0-5</td>
<td>11.5</td>
</tr>
<tr>
<td>BW 202 AD0-5</td>
<td>11.7</td>
</tr>
<tr>
<td>BW 191 AD0-5</td>
<td>13.1</td>
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<tr>
<td>BW 206 AD0-5</td>
<td>14.1</td>
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<tr>
<td>BW 141 AD-50</td>
<td>6.9</td>
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<tr>
<td>BW 161 AD-50</td>
<td>10.0</td>
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<tr>
<td>BW 202 AD-50</td>
<td>12.3</td>
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<tr>
<td>BW 161 AD0-50</td>
<td>9.5</td>
</tr>
<tr>
<td>BW 202 AD0-50</td>
<td>11.6</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Type of machine/Operating weight CECE</th>
<th>Compacted layer thickness (m)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rock</td>
<td>Gravel, Sand</td>
</tr>
<tr>
<td>BW 90 AC-5</td>
<td>1.6</td>
</tr>
<tr>
<td>BW 100 ACM-5</td>
<td>1.7</td>
</tr>
<tr>
<td>BW 100 SCC-5</td>
<td>1.7</td>
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<tr>
<td>BW 100 AC-5</td>
<td>2.3</td>
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<td>BW 115 AC-5</td>
<td>2.6</td>
</tr>
<tr>
<td>BW 120 AC-5</td>
<td>2.5</td>
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<tr>
<td>BW 131 ACW-5</td>
<td>3.5</td>
</tr>
<tr>
<td>BW 138 AC-5</td>
<td>4.1</td>
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<tr>
<td>BW 151 AC-5</td>
<td>7.5</td>
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<tr>
<td>BW 151 AC-50</td>
<td>7.5</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Type of machine/Operating weight CECE</th>
<th>Compacted layer thickness (m)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rock</td>
<td>Gravel, Sand</td>
</tr>
<tr>
<td>BW 11 RH-5</td>
<td>up to 9</td>
</tr>
<tr>
<td>BW 24 RH</td>
<td>up to 24</td>
</tr>
<tr>
<td>BW 27 RH</td>
<td>up to 27</td>
</tr>
<tr>
<td>BW 27 RH-4i</td>
<td>up to 27</td>
</tr>
<tr>
<td>BW 25 RH</td>
<td>up to 25</td>
</tr>
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</table>

*an additional tandem roller is nomally needed

The reference values in the following tables are the results of compaction trials and practical applications. Under normal application related conditions the required compaction values are thereby reached after four to eight passes.
### Tandem Rollers

<table>
<thead>
<tr>
<th>Type of machine/Operating weight</th>
<th>Compacted layer thickness (m)</th>
<th>Rock</th>
<th>Gravel, Sand</th>
<th>Mixed soil</th>
<th>Silt, Clay</th>
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</thead>
<tbody>
<tr>
<td>CECE</td>
<td>(t)</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>BW 80 AD-5</strong></td>
<td>1,6</td>
<td>60-110</td>
<td>42-85</td>
<td>33-65</td>
<td></td>
</tr>
<tr>
<td><strong>BW 90 AD-5</strong></td>
<td>1,5</td>
<td>70-120</td>
<td>45-90</td>
<td>35-70</td>
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</tr>
<tr>
<td><strong>BW 100 ADM-5</strong></td>
<td>1,7</td>
<td>75-140</td>
<td>50-100</td>
<td>36-70</td>
<td></td>
</tr>
<tr>
<td><strong>BW 90 SC-5</strong></td>
<td>1,7</td>
<td>70-120</td>
<td>45-90</td>
<td>35-70</td>
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</tr>
<tr>
<td><strong>BW 100 SC-5</strong></td>
<td>1,7</td>
<td>75-140</td>
<td>50-100</td>
<td>36-70</td>
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</tr>
<tr>
<td><strong>BW 900-50</strong></td>
<td>1,2</td>
<td>50-100</td>
<td>35-70</td>
<td>30-55</td>
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<tr>
<td><strong>BW 100 AD-5</strong></td>
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<td>80-145</td>
<td>55-105</td>
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<td><strong>BW 120 AD-5</strong></td>
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<td>85-170</td>
<td>65-125</td>
<td>43-85</td>
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<tr>
<td><strong>BW 131 AD-5</strong></td>
<td>4,0</td>
<td>85-170</td>
<td>65-125</td>
<td>43-85</td>
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<td><strong>BW 135 AD-5</strong></td>
<td>3,9</td>
<td>90-180</td>
<td>70-140</td>
<td>40-80</td>
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<tr>
<td><strong>BW 138 AD-5</strong></td>
<td>4,3</td>
<td>100-200</td>
<td>80-160</td>
<td>50-100</td>
<td></td>
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<tr>
<td><strong>BW 141 AD-5</strong></td>
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<td>120-250</td>
<td>100-200</td>
<td>60-120</td>
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<tr>
<td><strong>BW 151 AD-5</strong></td>
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<td>140-280</td>
<td>120-250</td>
<td>65-210</td>
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<tr>
<td><strong>BW 154 AD-5</strong></td>
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<td>140-280</td>
<td>120-250</td>
<td>65-210</td>
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<tr>
<td><strong>BW 161 AD-5</strong></td>
<td>10,0</td>
<td>150-320</td>
<td>140-260</td>
<td>100-220</td>
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</tr>
<tr>
<td><strong>BW 190 AD-5</strong></td>
<td>12,1</td>
<td>260-500</td>
<td>180-360</td>
<td>140-220</td>
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<td><strong>BW 202 AD-5</strong></td>
<td>12,3</td>
<td>280-550</td>
<td>200-400</td>
<td>150-250</td>
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<tr>
<td><strong>BW 191 AD-5</strong></td>
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<td>260-500</td>
<td>180-360</td>
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<td><strong>BW 206 AD-5</strong></td>
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<td>280-550</td>
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<td>150-250</td>
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<tr>
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<td>150-280</td>
<td>140-280</td>
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<tr>
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<tr>
<td><strong>BW 206 AD-5 AM</strong></td>
<td>14,1</td>
<td>180-340</td>
<td>150-280</td>
<td>150-280</td>
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<tr>
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<td>150-320</td>
<td>135-260</td>
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<td><strong>BW 190 ADO-5</strong></td>
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<td>260-500</td>
<td>180-360</td>
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<tr>
<td><strong>BW 206 ADO-5</strong></td>
<td>14,1</td>
<td>280-550</td>
<td>200-400</td>
<td>150-250</td>
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<tr>
<td><strong>BW 141 AD-50</strong></td>
<td>6,9</td>
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<td>120-250</td>
<td>50-120</td>
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<td>130-280</td>
<td>60-180</td>
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<tr>
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<td>10,0</td>
<td>150-320</td>
<td>140-260</td>
<td>100-220</td>
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<tr>
<td><strong>BW 202 AD-50</strong></td>
<td>12,3</td>
<td>280-550</td>
<td>200-400</td>
<td>150-250</td>
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<tr>
<td><strong>BW 206 AD-50</strong></td>
<td>14,1</td>
<td>280-550</td>
<td>200-400</td>
<td>150-250</td>
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<tr>
<td><strong>BW 161 ADO-50</strong></td>
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<td>150-320</td>
<td>140-260</td>
<td>100-220</td>
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<tr>
<td><strong>BW 202 ADO-50</strong></td>
<td>11,6</td>
<td>280-550</td>
<td>200-400</td>
<td>150-250</td>
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</table>

### Combination Rollers

<table>
<thead>
<tr>
<th>Type of machine/Operating weight</th>
<th>Compacted layer thickness (m)</th>
<th>Rock</th>
<th>Gravel, Sand</th>
<th>Mixed soil</th>
<th>Silt, Clay</th>
</tr>
</thead>
<tbody>
<tr>
<td>CECE</td>
<td>(t)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>BW 90 AC-5</strong></td>
<td>1,6</td>
<td>70-120</td>
<td>35-80</td>
<td>30-40</td>
<td></td>
</tr>
<tr>
<td><strong>BW 100 ACM-5</strong></td>
<td>1,7</td>
<td>70-120</td>
<td>35-80</td>
<td>30-60</td>
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<tr>
<td><strong>BW 100 SCC-5</strong></td>
<td>1,7</td>
<td>75-140</td>
<td>50-100</td>
<td>36-70</td>
<td></td>
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<tr>
<td><strong>BW 100 AC-5</strong></td>
<td>2,3</td>
<td>65-130</td>
<td>45-90</td>
<td>33-65</td>
<td></td>
</tr>
<tr>
<td><strong>BW 115 AC-5</strong></td>
<td>2,6</td>
<td>75-160</td>
<td>65-125</td>
<td>43-85</td>
<td></td>
</tr>
<tr>
<td><strong>BW 120 AC-5</strong></td>
<td>2,4</td>
<td>75-160</td>
<td>65-125</td>
<td>43-85</td>
<td></td>
</tr>
<tr>
<td><strong>BW 131 ACW-5</strong></td>
<td>3,5</td>
<td>80-180</td>
<td>70-140</td>
<td>50-90</td>
<td></td>
</tr>
<tr>
<td><strong>BW 138 AC-5</strong></td>
<td>4,1</td>
<td>90-190</td>
<td>75-150</td>
<td>50-95</td>
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<td><strong>BW 151 AC-5</strong></td>
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<td>140-220</td>
<td>100-200</td>
<td>70-110</td>
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<tr>
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<td>9,7</td>
<td>120-250</td>
<td>120-230</td>
<td>90-170</td>
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</tr>
<tr>
<td><strong>BW 151 AC-50</strong></td>
<td>7,5</td>
<td>140-220</td>
<td>100-200</td>
<td>70-110</td>
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</table>

### Pneumatic Tyred Rollers

<table>
<thead>
<tr>
<th>Type of machine/Operating weight</th>
<th>Compacted layer thickness (m)</th>
<th>Rock</th>
<th>Gravel, Sand</th>
<th>Mixed soil</th>
<th>Silt, Clay</th>
</tr>
</thead>
<tbody>
<tr>
<td>CECE</td>
<td>(t)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>BW 11 RH-5</strong></td>
<td>up to 9</td>
<td>500-600</td>
<td>400-500</td>
<td>300-400</td>
<td></td>
</tr>
<tr>
<td><strong>BW 24 RH</strong></td>
<td>up to 24</td>
<td>75-150</td>
<td>75-150</td>
<td>100-180</td>
<td></td>
</tr>
<tr>
<td><strong>BW 27 RH</strong></td>
<td>up to 27</td>
<td>120-200</td>
<td>80-180</td>
<td>120-250</td>
<td></td>
</tr>
<tr>
<td><strong>BW 27 RH-4i</strong></td>
<td>up to 27</td>
<td>120-200</td>
<td>80-180</td>
<td>120-250</td>
<td></td>
</tr>
<tr>
<td><strong>BW 25 RH</strong></td>
<td>up to 25</td>
<td>100-180</td>
<td>75-150</td>
<td>100-180</td>
<td></td>
</tr>
</tbody>
</table>

*an additional tandem roller is normally needed*

The reference values in the following tables are the results of compaction trials and practical applications. Under normal application related conditions the required compaction values are thereby reached after four to eight passes.
Actual output

<table>
<thead>
<tr>
<th>Type of machine/Operating weight</th>
<th>CECE</th>
<th>Compaction output (m²/h)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
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</tr>
<tr>
<td></td>
<td></td>
<td>Layer thickness</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2-4 cm</td>
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<tr>
<td><strong>Tandem Rollers</strong></td>
<td></td>
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</tr>
<tr>
<td>BW 80 AD-5</td>
<td>1.6</td>
<td>250-350</td>
</tr>
<tr>
<td>BW 90 AD-5</td>
<td>1.5</td>
<td>250-400</td>
</tr>
<tr>
<td>BW 100 ADM-5</td>
<td>1.7</td>
<td>300-500</td>
</tr>
<tr>
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</tr>
<tr>
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</tr>
<tr>
<td>BW 900-50</td>
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<tr>
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</tr>
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<td>1200-1800</td>
</tr>
<tr>
<td>BW 190 AD-5</td>
<td>12.1</td>
<td>1350-2200</td>
</tr>
<tr>
<td>BW 202 AD-5</td>
<td>12.3</td>
<td>1450-2400</td>
</tr>
<tr>
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<td>13.5</td>
<td>2100-2400</td>
</tr>
<tr>
<td>BW 206 AD-5</td>
<td>14.1</td>
<td>2200-2600</td>
</tr>
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<tr>
<td>BW 202 ADO-5</td>
<td>11.7</td>
<td>1450-2400</td>
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<td>BW 191 ADO-5</td>
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<td>BW 151 AD-50</td>
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<td>850-1400</td>
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<tr>
<td>BW 161 AD-50</td>
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<td>1450-2400</td>
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<tr>
<td>BW 161 ADO-50</td>
<td>14.1</td>
<td>2200-2600</td>
</tr>
<tr>
<td>BW 161 ADO-50</td>
<td>9.5</td>
<td>1200-1800</td>
</tr>
<tr>
<td>BW 202 ADO-50</td>
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<td>1450-2400</td>
</tr>
<tr>
<td><strong>Pneumatic Tyred Rollers</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>*BW 11 RH-5</td>
<td>up to 9</td>
<td>2000-3200</td>
</tr>
<tr>
<td>*BW 24 RH</td>
<td>up to 24</td>
<td>900-1400</td>
</tr>
<tr>
<td>*BW 27 RH</td>
<td>up to 27</td>
<td>1000-1600</td>
</tr>
<tr>
<td>*BW 27 RH-4i</td>
<td>up to 27</td>
<td>1000-1600</td>
</tr>
<tr>
<td>*BW 25 RH</td>
<td>up to 25</td>
<td>900-1500</td>
</tr>
</tbody>
</table>

*an additional tandem roller is normally needed
## ASPHALT WORK

### Actual output

<table>
<thead>
<tr>
<th>Type of machine/Operating weight</th>
<th>Compaction output (t/h)</th>
<th>Layer thickness</th>
</tr>
</thead>
<tbody>
<tr>
<td>CECE</td>
<td></td>
<td>(t) 2-4 cm 6-8 cm 10-14 cm</td>
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<tr>
<td>Tandem Rollers</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BW 80 AD-5</td>
<td>1.6</td>
<td>10-30 25-45 35-70</td>
</tr>
<tr>
<td>BW 90 AD-5</td>
<td>1.5</td>
<td>15-30 30-50 40-80</td>
</tr>
<tr>
<td>BW 100 ADM-5</td>
<td>1.7</td>
<td>15-40 35-60 50-90</td>
</tr>
<tr>
<td>BW 90 SC-5</td>
<td>1.7</td>
<td>15-30 30-50 40-80</td>
</tr>
<tr>
<td>BW 100 SC-5</td>
<td>1.7</td>
<td>15-40 35-60 50-90</td>
</tr>
<tr>
<td>BW 900-50</td>
<td>1.2</td>
<td>10-25 20-40 30-60</td>
</tr>
<tr>
<td>BW 100 AD-5</td>
<td>2.4</td>
<td>15-40 40-60 60-100</td>
</tr>
<tr>
<td>BW 120 AD-5</td>
<td>2.6</td>
<td>20-45 40-70 70-120</td>
</tr>
<tr>
<td>BW 131 AD-5</td>
<td>4.0</td>
<td>20-45 40-70 70-120</td>
</tr>
<tr>
<td>BW 135 AD-5</td>
<td>3.9</td>
<td>30-55 50-85 75-130</td>
</tr>
<tr>
<td>BW 138 AD-5</td>
<td>4.3</td>
<td>30-55 50-90 75-135</td>
</tr>
<tr>
<td>BW 141 AD-5</td>
<td>6.9</td>
<td>35-70 70-150 100-180</td>
</tr>
<tr>
<td>BW 151 AD-5</td>
<td>7.6</td>
<td>40-80 80-170 120-200</td>
</tr>
<tr>
<td>BW 154 AD-5</td>
<td>8.3</td>
<td>40-80 80-170 120-220</td>
</tr>
<tr>
<td>BW 161 AD-5</td>
<td>10.0</td>
<td>50-100 100-200 150-230</td>
</tr>
<tr>
<td>BW 190 AD-5</td>
<td>12.1</td>
<td>70-120 120-230 190-300</td>
</tr>
<tr>
<td>BW 202 AD-5</td>
<td>12.3</td>
<td>80-160 130-270 200-340</td>
</tr>
<tr>
<td>BW 191 AD-5</td>
<td>13.5</td>
<td>120-260 200-250 270-400</td>
</tr>
<tr>
<td>BW 206 AD-5</td>
<td>14.1</td>
<td>130-280 210-270 290-430</td>
</tr>
<tr>
<td>BW 151 AD-5 AM</td>
<td>7.9</td>
<td>50-110 140-170 170-200</td>
</tr>
<tr>
<td>BW 161 AD-5 AM</td>
<td>10.2</td>
<td>60-130 100-230 160-280</td>
</tr>
<tr>
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<td>13.9</td>
<td>120-220 200-250 320-400</td>
</tr>
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<td>BW 206 AD-5 AM</td>
<td>14.1</td>
<td>130-230 210-270 340-430</td>
</tr>
<tr>
<td>BW 161 ADO-5</td>
<td>9.6</td>
<td>50-100 100-200 150-230</td>
</tr>
<tr>
<td>BW 190 ADO-5</td>
<td>11.5</td>
<td>70-120 120-230 190-300</td>
</tr>
<tr>
<td>BW 202 ADO-5</td>
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<td>80-160 130-270 200-340</td>
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<tr>
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<td>120-260 200-250 270-400</td>
</tr>
<tr>
<td>BW 206 ADO-5</td>
<td>14.1</td>
<td>130-280 210-270 290-430</td>
</tr>
<tr>
<td>BW 141 AD-50</td>
<td>6.9</td>
<td>35-60 50-1330 80-150</td>
</tr>
<tr>
<td>BW 151 AD-50</td>
<td>7.6</td>
<td>35-70 60-130 90-160</td>
</tr>
<tr>
<td>BW 161 AD-50</td>
<td>10.0</td>
<td>50-100 100-200 150-230</td>
</tr>
<tr>
<td>BW 202 AD-50</td>
<td>12.3</td>
<td>80-160 130-270 200-340</td>
</tr>
<tr>
<td>BW 206 AD-50</td>
<td>14.1</td>
<td>80-180 150-380 300-450</td>
</tr>
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<td>BW 161 ADO-50</td>
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<td>50-100 100-200 150-230</td>
</tr>
<tr>
<td>BW 202 ADO-50</td>
<td>11.6</td>
<td>80-160 130-270 200-340</td>
</tr>
</tbody>
</table>

| Tandem Rollers                   |                         |                |
| BW 154 AP-4                      | 7.1                     | 30-60 60-130 80-160 |
| BW 174 AP-4                      | 9.2                     | 50-110 90-180 140-210 |
| BW 174 AP-4i                     | 9.2                     | 50-110 90-180 140-210 |
| BW 154 AP-4 AM                   | 7.3                     | 35-70 70-150 100-180 |
| BW 174 AP-4 AM                   | 9.5                     | 60-120 110-210 190-300 |
| BW 174 AP-4i AM                  | 9.5                     | 60-120 110-210 190-300 |

### Combination Rollers

| BW 90 AC-5                       | 1.6                     | 10-35 30-45 40-70 |
| BW 100 ACM-5                     | 1.7                     | 10-35 30-45 40-70 |
| BW 100 SCC-5                     | 1.7                     | 15-40 35-60 50-90 |
| BW 100 AC-5                      | 2.3                     | 15-35 35-50 45-90 |
| BW 115 AC-5                      | 2.6                     | 15-35 35-50 45-90 |
| BW 120 AC-5                      | 2.4                     | 20-40 40-60 55-105 |
| BW 131 ACW-5                     | 3.5                     | 20-40 40-60 55-105 |
| BW 138 AC-5                      | 4.1                     | 30-55 50-90 65-115 |
| BW 151 AC-5                      | 7.5                     | 40-80 100-180 140-200 |
| BW 161 AC-5                      | 9.7                     | 40-80 100-180 140-200 |
| BW 154 ACP-4i                    | 7.2                     | 30-55 60-120 80-150 |
| BW 154 ACP-4i AM                 | 7.4                     | 35-65 65-140 90-170 |
| BW 151 AC-50                     | 7.5                     | 40-50 60-120 80-130 |
| BW 161 AC-50                     | 9.7                     | 40-80 100-180 140-200 |

| Pneumatic Tyred Rollers          |                         |                |
| BW 11 RH-5                       | up to 9                 | 90-180 270-360 450-540 |
| BW 24 RH                         | up to 24                | 20-50 50-80 70-130 |
| BW 27 RH                         | up to 27                | 30-80 60-100 80-150 |
| BW 27 RH-4i                      | up to 27                | 30-80 60-100 80-150 |
| BW 25 RH                         | up to 25                | 20-60 50-90 70-140 |

*an additional tandem roller is normally needed
### Reference values for layer thickness dependent upon the compaction equipment

<table>
<thead>
<tr>
<th>Type of machine/Operating weight</th>
<th>Compacted layer thickness (m)</th>
<th>Type of machine/Operating weight</th>
<th>Compacted layer thickness (m)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CECE</td>
<td>(t)</td>
<td>Rock</td>
<td>Gravel, Sand</td>
</tr>
<tr>
<td><strong>Single Drum Rollers</strong></td>
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<tr>
<td>BW 124 DH-5 3,3</td>
<td>-</td>
<td>0,35</td>
<td>0,25*</td>
</tr>
<tr>
<td>BW 124 PDH-5 3,4</td>
<td>-</td>
<td>0,35</td>
<td>0,25*</td>
</tr>
<tr>
<td>BW 145 D-5 4,8</td>
<td>-</td>
<td>0,40*</td>
<td>0,30*</td>
</tr>
<tr>
<td>BW 145 DH-5 4,8</td>
<td>-</td>
<td>0,40*</td>
<td>0,30*</td>
</tr>
<tr>
<td>BW 145 PDH-5 5,0</td>
<td>-</td>
<td>0,40</td>
<td>0,30</td>
</tr>
<tr>
<td>BW 177 D-5 6,6</td>
<td>-</td>
<td>0,45*</td>
<td>0,35*</td>
</tr>
<tr>
<td>BW 177 DH-5 6,7</td>
<td>-</td>
<td>0,45*</td>
<td>0,35*</td>
</tr>
<tr>
<td>BW 177 PDH-5 7,0</td>
<td>-</td>
<td>0,45</td>
<td>0,35</td>
</tr>
<tr>
<td>BW 177 BVC-5 7,0</td>
<td>0,80*</td>
<td>0,50*</td>
<td>0,40*</td>
</tr>
<tr>
<td>BW 211 D-5 10,6</td>
<td>0,70*</td>
<td>0,50*</td>
<td>0,40*</td>
</tr>
<tr>
<td>BW 211 DH-5 10,9</td>
<td>0,70*</td>
<td>0,50*</td>
<td>0,40*</td>
</tr>
<tr>
<td>BW 211 PD-5 12,1</td>
<td>0,70</td>
<td>0,50</td>
<td>0,40</td>
</tr>
<tr>
<td>BW 211 PDH-5 12,6</td>
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<td>0,40</td>
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<td>0,50*</td>
<td>0,40*</td>
</tr>
<tr>
<td>BW 212 DH-5 11,7</td>
<td>0,75*</td>
<td>0,50*</td>
<td>0,40*</td>
</tr>
<tr>
<td>BW 212 PD-5 12,9</td>
<td>0,80</td>
<td>0,50</td>
<td>0,40</td>
</tr>
<tr>
<td>BW 212 D-5 12,5</td>
<td>0,80*</td>
<td>0,50*</td>
<td>0,40*</td>
</tr>
<tr>
<td>BW 213 DH-5 12,7</td>
<td>0,80*</td>
<td>0,50*</td>
<td>0,40*</td>
</tr>
<tr>
<td>BW 213 PDH-5 13,8</td>
<td>0,90</td>
<td>0,60</td>
<td>0,50</td>
</tr>
<tr>
<td>BW 213 BVC-5 13,8</td>
<td>1,20*</td>
<td>0,80*</td>
<td>0,60*</td>
</tr>
<tr>
<td>BW 213 DH + P-5 15,1</td>
<td>0,90</td>
<td>0,65</td>
<td>0,50</td>
</tr>
<tr>
<td>BW 213 BVC + P-5 15,9</td>
<td>1,20</td>
<td>0,80</td>
<td>0,60</td>
</tr>
<tr>
<td>BW 214 D-5 13,9</td>
<td>0,90*</td>
<td>0,65*</td>
<td>0,50*</td>
</tr>
<tr>
<td>BW 216 D-5 16,0</td>
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</tr>
<tr>
<td>BW 216 DH-5 16,0</td>
<td>1,10*</td>
<td>0,75</td>
<td>0,55</td>
</tr>
<tr>
<td>BW 216 DH-5 17,1</td>
<td>1,20</td>
<td>0,80</td>
<td>0,60</td>
</tr>
</tbody>
</table>

*Compactor is particularly suitable for the soil type.

The reference values in the following tables are the results of compaction trials and practical applications. Under normal application related conditions the required compaction values are thereby reached after four to eight passes.
### Single Drum Rollers

<table>
<thead>
<tr>
<th>Type of machine/Operating weight</th>
<th>CECE (t)</th>
<th>Compaction output (m³/h)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Rock</td>
</tr>
<tr>
<td>Single Drum Rollers</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BW 124 DH-5</td>
<td>3,3</td>
<td>105-210</td>
</tr>
<tr>
<td>BW 124 PDH-5</td>
<td>3,4</td>
<td>105-2010</td>
</tr>
<tr>
<td>BW 145 DH-5</td>
<td>4,8</td>
<td>160-320</td>
</tr>
<tr>
<td>BW 145 PDH-5</td>
<td>4,8</td>
<td>160-320</td>
</tr>
<tr>
<td>BW 177 DH-5</td>
<td>6,6</td>
<td>210-420</td>
</tr>
<tr>
<td>BW 177 PDH-5</td>
<td>6,7</td>
<td>210-420</td>
</tr>
<tr>
<td>BW 177 BVC-5</td>
<td>7,0</td>
<td>210-420</td>
</tr>
<tr>
<td>BW 211 D-5</td>
<td>10,9</td>
<td>400-800</td>
</tr>
<tr>
<td>BW 211 HD-5</td>
<td>12,1</td>
<td>400-800</td>
</tr>
<tr>
<td>BW 212 D-5</td>
<td>11,5</td>
<td>470-940</td>
</tr>
<tr>
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<td>470-940</td>
</tr>
<tr>
<td>BW 213 D-5</td>
<td>12,5</td>
<td>470-940</td>
</tr>
<tr>
<td>BW 213 DH-5</td>
<td>12,7</td>
<td>530-1060</td>
</tr>
<tr>
<td>BW 213 PDH-5</td>
<td>13,8</td>
<td>530-1060</td>
</tr>
<tr>
<td>BW 213 BVC-5</td>
<td>13,8</td>
<td>700-1400</td>
</tr>
<tr>
<td>BW 213 DH + P-5</td>
<td>15,1</td>
<td>530-1060</td>
</tr>
<tr>
<td>BW 213 BVC + P-5</td>
<td>15,9</td>
<td>700-1400</td>
</tr>
<tr>
<td>BW 214 D-5</td>
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<tr>
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<td>650-1200</td>
</tr>
<tr>
<td>BW 216 PD-5</td>
<td>17,1</td>
<td>650-1200</td>
</tr>
<tr>
<td>BW 216 DH-5</td>
<td>16,0</td>
<td>700-1400</td>
</tr>
</tbody>
</table>

The reference values in the following tables are the results of compaction trials and practical applications. Under normal application related conditions the required compaction values are thereby reached after four to eight passes.
## TERMINOLOGY

The following list of terms or calculation bases serves as a help for better understanding of the technical data.

<table>
<thead>
<tr>
<th>No.</th>
<th>Term</th>
<th>Dim</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Axle load</td>
<td>kg</td>
<td>the value of the static weight (in kg) applied to an axle</td>
</tr>
<tr>
<td>2</td>
<td>Amplitude</td>
<td>mm</td>
<td>half of the oscillation distance in millimeters (mm) that the compacting tool (plate or drum) moves during one rotation of the exciter shaft</td>
</tr>
<tr>
<td>3</td>
<td>Basic weight</td>
<td>kg</td>
<td>the static weight of the machine without fuels and lubricants</td>
</tr>
<tr>
<td>4</td>
<td>Centrifugal force</td>
<td>kN</td>
<td>the force generated by the exciter shaft in kilonewtons (kN), which causes the compaction medium (drum or plate) to vibrate. Depends on the vibrating mass of the compacting tool and the frequency. Attention: The indication of a high centrifugal mass is no guarantee for a high compaction performance.</td>
</tr>
<tr>
<td>5</td>
<td>Dimensions</td>
<td>mm</td>
<td>all dimensions in mm</td>
</tr>
<tr>
<td>6</td>
<td>Drive</td>
<td>-</td>
<td>■ mechanical from diesel or gasoline engine via - V-belt, toothed belt or chain, transmission, drive shaft</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>■ hydrostatic from diesel or gasoline engine via - hydraulic pump and hydraulic motor</td>
</tr>
<tr>
<td>7</td>
<td>Frequency</td>
<td>Hz</td>
<td>the number of revolutions the exciter shaft performs per second (Hz) or per minute (l/min)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1/min</td>
<td>Example: 50 Hz = 50 rev./sec = 50 x 60 = 3000 rpm</td>
</tr>
<tr>
<td>8</td>
<td>Fuel consumption</td>
<td>l/h</td>
<td>is the average engine fuel consumption at 70% capacity utilisation</td>
</tr>
<tr>
<td>9</td>
<td>Operating weight (CECE)</td>
<td>kg</td>
<td>the static weight of the machine incl.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>- fluids and lubricants</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>- 50% of the fuel tank contents x 0.84 (specific weight)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>- 50% of the water tank contents</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>- 75 kg weight of the operator only for ride-on machines</td>
</tr>
<tr>
<td>10</td>
<td>Power SAE J 1349 / ISO 3046</td>
<td>kW</td>
<td>is the effective output at the engine fly wheel in kilowatts (kW) at the set ISO 3046 nominal speed</td>
</tr>
<tr>
<td>11</td>
<td>Rasted speed</td>
<td>rpm</td>
<td>the number of revolutions of the diesel or gasoline engine per minute</td>
</tr>
<tr>
<td>12</td>
<td>Static area load</td>
<td>kg/m²</td>
<td>in accordance with the operating weight of the machine in kg divided by the contact area of the base plate</td>
</tr>
<tr>
<td>13</td>
<td>Static linear load</td>
<td>kg/cm or kg/m</td>
<td>the axle load (kg) divided by the load or working width of the drum in kg/m (cm) od (m)</td>
</tr>
<tr>
<td>14</td>
<td>Track radius</td>
<td>mm</td>
<td>the turning radius in mm, that the machine can drive at full lock; measured from the theoretical centre of the circle to the inner edge of the drum/wheel</td>
</tr>
<tr>
<td>15</td>
<td>Travel speed</td>
<td>km/h</td>
<td>the distance in kilometers (km) the machine travels in one hours (h)</td>
</tr>
<tr>
<td>16</td>
<td>Working speed</td>
<td>m/min</td>
<td>the distance in (m) the machine travels per minute (min)</td>
</tr>
</tbody>
</table>
NOTICE
MAINTENANCE/PARTS SERVICE

- A worldwide team of specialists is at your disposal. This dedicated network provides support for customers in countries all over the world.

- Parts for maintenance, service and repair are available from our network of branches and dealers.

- BOMAG guarantees continued availability of all common parts.

- Easy to read catalogues ensure quick identification and ordering of all parts.

- Only use original BOMAG spare parts and avoid unnecessary downtime.