PRODUCT GUIDE.

LIGHT EQUIPMENT.
Technical data may have country specific deviations.
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**4-STROKE TAMPER**

**BT 60, BT 65**

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

**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

**Capacities**

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P.O. Box 5162
BOMAG
P.O. Box 5162
BOMAG
Fax (0)6742 - 3090
D-56154 Boppard
BOMAG
350
335
230
280
280
230

Hellerwald
BOMAG
728
728
67
68
276
57
58
20
57
58
20
57
58
20
## TECHNICAL DATA

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

### Dimensions
- Working width (tamper plate) ............................... mm: 230

### Driving Characteristics
- Working speed max. ................................................. m/min: 20
- Area coverage max. .................................................. m2/h: 276

### Drive
- Engine manufacturer .............................................
- Type .................................................................
- Emission stage ....................................................
- Cooling ..............................................................
- Number of cylinders ............................................. kW: 2,8
- Performance SAE J 1349 .......................................
- Fuel .................................................................
- Drive system ......................................................
- Fuel consumption av. during operation ........................ l/h: 0,9

### Exciter system
- Frequency .......................................................... Hz: 10-11,8
- Impact force ....................................................... kN: 15,0

### Capabilities
- Fuel ................................................................. l: 3,0

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

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

**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

**Technical Data BOMAG**

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**Weights**

| Basic weight (CECE) | 336 | 20 |    |    |    |

**Dimensions in mm**

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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, backfills, foundations and repair work on asphalt.

Dimensions in mm

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- Impact force ............................................................ kN
- Exciter system Hz
- Fuel comsump. aver. during operation .................... l/h
- Speed ....................................................................... min⁻¹
- Performance ISO 3046 ............................................ kW
- Cooling ..................................................................... air
- Type ......................................................................... L 48
- Engine manufacturer ................................................ Yanmar 81
- Drive system ............................................................ Diesel 8- 11,5 mech.
- Working speed max. ................................................ m/min  16
- Drive
- Working width (tamper plate) ................................... mm  330
- Basic weight ............................................................ kg
- Operating weight CECE ........................................... kg

Optional Equipment
- Transport device with puncture proof wheels
- Tamper foot widths (280-290mm)
- Tool kit
- Service Kit
- TOUGH WARRANTY

Standard Equipment
- Vibration insulated steering bow
- Self-cleaning air filter housing
- Integrated fuel filter
- Protective engine covering
- Engine shut-down switch integrated in steering handle
- Infinitely variable frequency
- Single point lifting device
- Plastic castor as loading aid
- Semi-automatic decompression
- Recoil starter
- 3-2-1 Warranty

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

Technical modifications reserved. Machines may be shown with options.

Dimensions in mm

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<tr>
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<tr>
<td>Water</td>
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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>
<th></th>
<th>H</th>
<th>H1</th>
<th>L</th>
<th>L1</th>
<th>W</th>
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<tbody>
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<td>535</td>
<td>915</td>
<td>1115</td>
<td>558</td>
<td>360</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
- 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

**Technical Data BOMAG**

- Fuel
- Amplitude
- Centrifugal force
- Frequency
- Exciter system
- Fuel consumption during operation
- Drive system
- Speed
- Performance SAE J 1349
- Number of cylinders
- Emission stage
- Engine manufacturer
- Working speed, max.
- Working width mm 360
- Basic weight
- Weights
- Technical modifications reserved. Machines may be shown with options.
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<thead>
<tr>
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<tbody>
<tr>
<td><strong>Weights</strong></td>
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<td>Basic weight</td>
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<td><strong>Dimensions</strong></td>
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<td><strong>Driving Characteristics</strong></td>
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<td>Type</td>
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<td>Emission stage</td>
<td>StageV/CARB P.3</td>
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<td>Number of cylinders</td>
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<tr>
<td>Performance SAE J 1349</td>
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<td>Speed</td>
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<td>Drive system</td>
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<tr>
<td>Fuel</td>
<td>Gasoline</td>
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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.

Optional 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)

Standard 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 BOMAG

Dimensions in mm

<table>
<thead>
<tr>
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<td>1115</td>
<td>558</td>
<td>450</td>
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</table>
## TECHNICAL DATA

### Weights
- Operating weight CECE: 91 kg
- Basic weight: 90 kg

### Dimensions
- Working width: 450 mm

### Driving Characteristics
- Working speed, max.: 25 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: mech.
- Fuel: Gasoline
- Fuel consump. aver. during operation: 1,1 l/h

### Exciter system
- Frequency: 90 Hz
- Centrifugal force: 18 kN
- Amplitude: 1,63 mm

### Capacities
- Fuel: 3,1 l
- Water: 7,0 l

### BOMAG

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<th>BVP 18/45 D</th>
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<tr>
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<td>Hatz</td>
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<td>GX 160</td>
<td>1B20</td>
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Technical modifications reserved. Machines may be shown with options.
SINGLE DIRECTION VIBRATORY PLATE
BPS 18/45

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

Optional Equipment
- Sprinkler system
- Transport wheels
- Tool kit
- Service Kit

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>
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<td>970</td>
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**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 ............................................................... air
Number of cylinders ..............................................
Performance SAE J 1349 ........................................... 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
Water ................................................................. l

---

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<td>Basic weight</td>
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<td>Dimensions</td>
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<tr>
<td>Working width (W)</td>
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<tr>
<td>Driving Characteristics</td>
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<tr>
<td>Working speed, max.</td>
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<tr>
<td>Max. gradeability (dep. on soil con.)</td>
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<td>Drive</td>
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<tr>
<td>Type</td>
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<td>Cooling</td>
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<tr>
<td>Number of cylinders</td>
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<td>Performance SAE J 1349</td>
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<tr>
<td>Speed</td>
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<tr>
<td>Drive system</td>
</tr>
<tr>
<td>Fuel</td>
</tr>
<tr>
<td>Fuel consump. aver. during operation</td>
</tr>
<tr>
<td>Exciter system</td>
</tr>
<tr>
<td>Frequency</td>
</tr>
<tr>
<td>Centrifugal force</td>
</tr>
<tr>
<td>Amplitude</td>
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<tr>
<td>Capacities</td>
</tr>
<tr>
<td>Fuel</td>
</tr>
<tr>
<td>Water</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.

Dimensions in mm

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<tr>
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<th>H2</th>
<th>L</th>
<th>L1</th>
<th>W</th>
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</thead>
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<tr>
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<td>962</td>
<td>700</td>
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<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>

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

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

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

#### Dimensions
- Working width: 350 mm
- Shipping dimensions in m³: 0.136

#### Driving Characteristics
- Working speed, max.: 25 m/min
- Max. gradeability (dep. on soil con.): 30%
- Automatic shutdown at low oil: foldable

#### 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: 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

---

Technical modifications reserved. Machines may be shown with options.
SINGLE DIRECTION VIBRATORY PLATE
BP 12/50 A

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

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

Technical Data BOMAG

Dimensions in mm

<table>
<thead>
<tr>
<th>BP 12/50 A</th>
<th>H</th>
<th>H1</th>
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</tr>
</tbody>
</table>

Fax (0)6742 - 3090
P.O. Box 5162
D-56154 Boppard

PRE 230 20 010
**TECHNICAL DATA**

**Weights**
Operating weight CECE ........................................ kg
Basic weight ......................................................... kg

**Dimensions**
Working width ...................................................... 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
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

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BOMAG
BP 12/50 A

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<td></td>
<td>mech.</td>
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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**

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<thead>
<tr>
<th></th>
<th>H</th>
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<th>H2</th>
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<th>L1</th>
<th>W</th>
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## TECHNICAL DATA

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

### Dimensions
- Working width ..................................................... mm
- Shipping dimensions in m³

### 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
- 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

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<td>Drive system</td>
<td>mech.</td>
<td>mech.</td>
</tr>
<tr>
<td>Fuel</td>
<td>Gasoline</td>
<td>Diesel</td>
</tr>
<tr>
<td>Fuel comsump. aver. during operation</td>
<td>1,1</td>
<td>0,7</td>
</tr>
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<table>
<thead>
<tr>
<th>Exciter system</th>
<th></th>
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<tbody>
<tr>
<td>Frequency</td>
<td>90</td>
<td>90</td>
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<tr>
<td>Centrifugal force</td>
<td>20</td>
<td>20</td>
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<tr>
<td>Amplitude</td>
<td>1,70</td>
<td>1,70</td>
</tr>
</tbody>
</table>

| Capacities |                |                 |
| Fuel       | 3,1             | 3,0             |
| Water      | 13,5            | 13,5            |

---

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

BP 25/50, BP 25/50 D

### 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)

### 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>
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<tr>
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<td>708</td>
<td>962</td>
<td>700</td>
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TECHNICAL DATA

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<tbody>
<tr>
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<td></td>
<td></td>
</tr>
<tr>
<td>Operating weight CECE</td>
<td>108 kg</td>
<td>122 kg</td>
</tr>
<tr>
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<td>123 kg</td>
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<tr>
<td><strong>Dimensions</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Working width</td>
<td>500 mm</td>
<td>500 mm</td>
</tr>
<tr>
<td><strong>Driving Characteristics</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Working speed, max.</td>
<td>30 m/min</td>
<td>30 m/min</td>
</tr>
<tr>
<td>Max. gradeability (dep. on soil con.)</td>
<td>30 %</td>
<td>30 %</td>
</tr>
<tr>
<td><strong>Drive</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Engine manufacturer</td>
<td>Honda</td>
<td>Hatz</td>
</tr>
<tr>
<td>Type</td>
<td>GX 160</td>
<td>1820</td>
</tr>
<tr>
<td>Emission stage</td>
<td>StageV/CARB P.3</td>
<td>Stage V</td>
</tr>
<tr>
<td>Cooling</td>
<td>air</td>
<td>air</td>
</tr>
<tr>
<td>Number of cylinders</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Performance ISO 3046</td>
<td>3.6 kW</td>
<td>3.1 kW</td>
</tr>
<tr>
<td>Speed</td>
<td>3.600</td>
<td>3.000</td>
</tr>
<tr>
<td></td>
<td>min-1</td>
<td>mech.</td>
</tr>
<tr>
<td>Drive system</td>
<td>Gasoline</td>
<td>Diesel</td>
</tr>
<tr>
<td>Fuel</td>
<td>1.1 l/h</td>
<td>0.7 l/h</td>
</tr>
<tr>
<td>Fuel comsump. aver. during operation</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Exciter system</strong></td>
<td></td>
<td></td>
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<tr>
<td>Frequency</td>
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<td>92 Hz</td>
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<tr>
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<tr>
<td>Fuel</td>
<td>3.1 l</td>
<td>3.0 l</td>
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<tr>
<td>Water</td>
<td>13.5 l</td>
<td>13.5 l</td>
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</table>

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

---

**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 25/40</td>
<td>660</td>
<td>930</td>
<td>1080</td>
<td>1460</td>
<td>650</td>
<td>400</td>
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<tr>
<td>BPR 25/40 D</td>
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<td>930</td>
<td>1080</td>
<td>1460</td>
<td>650</td>
<td>400</td>
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## TECHNICAL DATA

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<th>BOMAG BPR 25/40</th>
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<tbody>
<tr>
<td><strong>Weights</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Operating weight CECE (W)</td>
<td>135 kg</td>
<td>150 kg</td>
</tr>
<tr>
<td>Basic weight</td>
<td>132 kg</td>
<td>147 kg</td>
</tr>
<tr>
<td><strong>Dimensions</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Basic working width</td>
<td>400 mm</td>
<td>400 mm</td>
</tr>
<tr>
<td>Lowest passing height</td>
<td>660 mm</td>
<td>740 mm</td>
</tr>
<tr>
<td>Min. height w. steering in top position</td>
<td>930 mm</td>
<td>930 mm</td>
</tr>
<tr>
<td>Max. height w. steering in top position</td>
<td>1,250 mm</td>
<td>1,250 mm</td>
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<tr>
<td><strong>Driving Characteristics</strong></td>
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<td>25 m/min</td>
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<tr>
<td>Working speed, max.</td>
<td>30 m/min</td>
<td>30 m/min</td>
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<tr>
<td>Max. gradeability (dep. on soil con.)</td>
<td>1%</td>
<td>1%</td>
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<tr>
<td><strong>Drive</strong></td>
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<tr>
<td>Engine manufacturer</td>
<td>Honda GX 160</td>
<td>Hatz 1B20</td>
</tr>
<tr>
<td>Type</td>
<td>StageV/CARB P.3</td>
<td>Stage V</td>
</tr>
<tr>
<td>Emission stage</td>
<td>air</td>
<td>air</td>
</tr>
<tr>
<td>Cooling</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Number of cylinders</td>
<td>3.6 kW</td>
<td>3.1 kW</td>
</tr>
<tr>
<td>Performance SAE J 1349</td>
<td>3.600 min⁻¹</td>
<td>3.000 min⁻¹</td>
</tr>
<tr>
<td>Speed</td>
<td>mech.</td>
<td>mech.</td>
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<tr>
<td>Drive system</td>
<td>Gasoline</td>
<td>Diesel</td>
</tr>
<tr>
<td>Fuel</td>
<td>1.1 l/h</td>
<td>0.7 l/h</td>
</tr>
<tr>
<td>Fuel comsump. aver. during operation</td>
<td>85 l/h</td>
<td>85 l/h</td>
</tr>
<tr>
<td><strong>Exciter system</strong></td>
<td>25 Hz</td>
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<tr>
<td>Frequency</td>
<td>1,55 kN</td>
<td>1,55 kN</td>
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<tr>
<td>Centrifugal force</td>
<td>3,1 mm</td>
<td>3,0 mm</td>
</tr>
<tr>
<td>Amplitude</td>
<td>3,1 l</td>
<td>3,0 l</td>
</tr>
<tr>
<td><strong>Capacities</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fuel</td>
<td>12,0 l</td>
<td>12,0 l</td>
</tr>
<tr>
<td>Water</td>
<td>12,0 l</td>
<td>12,0 l</td>
</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>
</tr>
</thead>
<tbody>
<tr>
<td>BPR 25/50</td>
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<td>930</td>
<td>1030</td>
<td>1274</td>
<td>650</td>
<td>500</td>
</tr>
<tr>
<td>BPR 25/50 D</td>
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<td>930</td>
<td>1030</td>
<td>1274</td>
<td>650</td>
<td>500</td>
</tr>
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</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 ................................................
- Exciter system
  - Frequency ................................. Hz
  - Centrifugal force ............................ kN
  - Amplitude ................................... mm
- Capacities
  - Fuel ............................................ l
  - Water .......................................... l

<table>
<thead>
<tr>
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<th>BOMAG BPR 25/50</th>
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</thead>
<tbody>
<tr>
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</tr>
<tr>
<td>Operating weight CECE (W)</td>
<td>140 kg</td>
<td>155 kg</td>
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<td>152 kg</td>
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<tr>
<td>Dimensions</td>
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<tr>
<td>Basic working width</td>
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<td>500 mm</td>
</tr>
<tr>
<td>Lowest passing height</td>
<td>660 mm</td>
<td>740 mm</td>
</tr>
<tr>
<td>Min. height w. steering in top position</td>
<td>930 mm</td>
<td>930 mm</td>
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<td>Max. height w. steering in top position</td>
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<td>Driving Characteristics</td>
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<td>Working speed, max.</td>
<td>25 m/min</td>
<td>25 m/min</td>
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<tr>
<td>Max. gradeability (dep. on soil con.)</td>
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<td>30 %</td>
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<td>Drive</td>
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<td>Engine manufacturer</td>
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<td>Type</td>
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<td>Stage V</td>
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<tr>
<td>Emission stage</td>
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<tr>
<td>Cooling</td>
<td>air</td>
<td>air</td>
</tr>
<tr>
<td>Number of cylinders</td>
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<td>1</td>
</tr>
<tr>
<td>Performance ISO 3046</td>
<td>3.6 kW</td>
<td>3.1 kW</td>
</tr>
<tr>
<td>Speed</td>
<td>3.600 min-1</td>
<td>3.000 min-1</td>
</tr>
<tr>
<td>Drive system</td>
<td>mech. Gasoline</td>
<td>mech. Diesel</td>
</tr>
<tr>
<td>Fuel</td>
<td>1.1 l</td>
<td>0.7 l</td>
</tr>
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<td>Exciter system</td>
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<td></td>
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<td>Frequency</td>
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<td>Centrifugal force</td>
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<tr>
<td>Fuel</td>
<td>3.1 l</td>
<td>3.0 l</td>
</tr>
<tr>
<td>Water</td>
<td>12.0 l</td>
<td>12.0 l</td>
</tr>
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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.

---

**Technical Data BOMAG**

<table>
<thead>
<tr>
<th>Dimensions in mm</th>
<th>H</th>
<th>H1</th>
<th>H2</th>
<th>L</th>
<th>L1</th>
<th>W</th>
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<td>1150</td>
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<td>762</td>
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<td>600</td>
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<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
- Height adjustable control lever
- Low vibration steering rod
- Comfortable seat
- 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 (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 consump. aver. during operation l/h

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

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

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>1030</td>
<td>1160</td>
<td>1545</td>
<td>832</td>
<td>630</td>
</tr>
</tbody>
</table>

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
## Technical Data

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<th>BOMAG BPR 35/60</th>
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<td></td>
<td></td>
</tr>
<tr>
<td>Operating weight CECE (W)</td>
<td>169 kg</td>
<td>228 kg</td>
<td>248 kg</td>
</tr>
<tr>
<td>Basic weight</td>
<td>166 kg</td>
<td>225 kg</td>
<td>245 kg</td>
</tr>
<tr>
<td><strong>Dimensions</strong></td>
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<tr>
<td>Basic working width</td>
<td>530 mm</td>
<td>630 mm</td>
<td>630 mm</td>
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<tr>
<td>Lowest passing height</td>
<td>750 mm</td>
<td>670 mm</td>
<td>730 mm</td>
</tr>
<tr>
<td>Min. height w. steering in top position</td>
<td>940 mm</td>
<td>1,030 mm</td>
<td>1,030 mm</td>
</tr>
<tr>
<td>Max. height w. steering in top position</td>
<td>1,260 mm</td>
<td>1,180 mm</td>
<td>1,180 mm</td>
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<tr>
<td><strong>Driving Characteristics</strong></td>
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<td></td>
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</tr>
<tr>
<td>Working speed, max.</td>
<td>20 m/min</td>
<td>20 m/min</td>
<td>20 m/min</td>
</tr>
<tr>
<td>Max. gradeability (dep. on soil con.)</td>
<td>32%</td>
<td>32%</td>
<td>32%</td>
</tr>
<tr>
<td><strong>Drive</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Engine manufacturer</td>
<td>Hatz</td>
<td>Honda</td>
<td>Hatz</td>
</tr>
<tr>
<td>Type</td>
<td>1B20 Stage V air</td>
<td>GX 160 Stage V/CARB P.3 air</td>
<td>1B20 Stage V air</td>
</tr>
<tr>
<td>Emission stage</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Cooling</td>
<td>air</td>
<td>air</td>
<td>air</td>
</tr>
<tr>
<td>Number of cylinders</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Performance ISO 3046</td>
<td>3,1 kW</td>
<td>3,6 kW</td>
<td>3,1 kW</td>
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<tr>
<td>Performance SAE J 1349</td>
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<td>3,600 min-1</td>
<td>3,000 min-1</td>
</tr>
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<td>Speed</td>
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<td>3,600 mech.</td>
<td>3,000 mech.</td>
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<td>Diesel</td>
<td>Gasoline</td>
<td>Diesel</td>
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<tr>
<td>Fuel</td>
<td>0,7 l</td>
<td>1,1 l</td>
<td>0,7 l</td>
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<td>Fuel consumption, aver. during operation</td>
<td>0,7 l/h</td>
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<td></td>
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<tr>
<td><strong>Exciter system</strong></td>
<td></td>
<td></td>
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<tr>
<td>Frequency</td>
<td>85 Hz</td>
<td>80 Hz</td>
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<tr>
<td>Centrifugal force</td>
<td>25 kN</td>
<td>35 kN</td>
<td>35 kN</td>
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**Capacities**
- Fuel: 3.0 l, 3.1 l, 3.0 l

Technical modifications reserved. Machines may be shown with options.
REVERSIBLE VIBRATORY PLATE
BPR 40/60 D

**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**
- 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

**Dimensions in mm**

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

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<thead>
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<tr>
<td></td>
<td>BPR 40/60 D</td>
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<tr>
<td><strong>Weights</strong></td>
<td></td>
</tr>
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<td>Operating weight CECE (W)</td>
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</tr>
<tr>
<td>Basic weight</td>
<td>257</td>
</tr>
<tr>
<td><strong>Dimensions</strong></td>
<td></td>
</tr>
<tr>
<td>Basic working width</td>
<td>mm 600</td>
</tr>
<tr>
<td>Lowest passing height</td>
<td>mm 700</td>
</tr>
<tr>
<td>Min. height w. steering in top position</td>
<td>mm 1,030</td>
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<tr>
<td>Max. height w. steering in top position</td>
<td>mm 1,120</td>
</tr>
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<td><strong>Driving Characteristics</strong></td>
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</tr>
<tr>
<td>Working speed, max.</td>
<td>m/min 27</td>
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<tr>
<td>Max. gradeability (dep. on soil con.)</td>
<td>% 32</td>
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<tr>
<td><strong>Drive</strong></td>
<td></td>
</tr>
<tr>
<td>Engine manufacturer</td>
<td>Hatz</td>
</tr>
<tr>
<td>Type</td>
<td>1B20</td>
</tr>
<tr>
<td>Emission stage</td>
<td>Stage V</td>
</tr>
<tr>
<td>Cooling</td>
<td>air</td>
</tr>
<tr>
<td>Number of cylinders</td>
<td>1</td>
</tr>
<tr>
<td>Performance ISO 3046</td>
<td>kW 3,1</td>
</tr>
<tr>
<td>Speed</td>
<td>min-1 3,000</td>
</tr>
<tr>
<td>Drive system</td>
<td>mech.</td>
</tr>
<tr>
<td>Fuel</td>
<td>Diesel</td>
</tr>
<tr>
<td>Fuel comsump. aver. during operation</td>
<td>l/h 0,7</td>
</tr>
<tr>
<td><strong>Exciter system</strong></td>
<td></td>
</tr>
<tr>
<td>Frequency</td>
<td>Hz 80</td>
</tr>
<tr>
<td>Centrifugal force</td>
<td>kN 40</td>
</tr>
<tr>
<td>Amplitude</td>
<td>mm 1,40</td>
</tr>
<tr>
<td><strong>Capacities</strong></td>
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</tr>
<tr>
<td>Fuel</td>
<td>l 3,0</td>
</tr>
</tbody>
</table>

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

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

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

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

Technical Data BOMAG

| Type            | Drive | Working speed, max. | Min. height w. steering in top position | Working width without extension bars (W) | Basic working width | Dimensions
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Dimensions in mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>BPR 45/55 D</td>
</tr>
<tr>
<td>BPR 50/55 D</td>
</tr>
</tbody>
</table>

Centrifugal force .......................................................
Frequency ................................................................
Fuel consumption during operation .......................
Speed .......................................................................
Performance ISO 3046 ............................................
Cooling .....................................................................
Type .........................................................................
Drive system ............................................................
Speed ......................................................................
Number of cylinders ..................................................
Cooling ....................................................................
Type ........................................................................
Drive
Max. gradeability (dep. on soil con.) ........................
Driving Characteristics
Lowest passing height ...............................................
Operating weight CECE (W1) ..................................
Weights

H H1 H2 L L1 W W1 W2

<table>
<thead>
<tr>
<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>790</td>
<td>980</td>
<td>1350</td>
<td>1700</td>
<td>900</td>
<td>450</td>
<td>550</td>
<td>750</td>
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<tr>
<td>790</td>
<td>980</td>
<td>1350</td>
<td>1700</td>
<td>900</td>
<td>450</td>
<td>550</td>
<td>750</td>
</tr>
</tbody>
</table>

Back-up drive protection
Recoil starter
Electric starter
Extension plates (550mm)
Single-point lifting facility
Powder-coated base plate
Highly wear-resistant, on the steering rod
Transport and working position
Steering rod lockable in height adjustable steering rod
Low vibration steering rod
Engine protection hood

BPR 45/55 D
- Shipping dimensions in m³
  (BPR45:6,2kW - BPR50:6,8kW)
- ECONOMIZER (+5kg)
- Recoil starter
- Extension plates (550mm)
- Single-point lifting facility
- Powder-coated base plate
  - Highly wear-resistant, on the steering rod
  - Transport and working position
  - Steering rod lockable in height adjustable steering rod
  - Low vibration steering rod
- Engine protection hood

BPR 50/55 D
- Shipping dimensions in m³
  (BPR45:6,2kW - BPR50:6,8kW)
- ECONOMIZER (+5kg)
- Recoil starter
- Extension plates (550mm)
- Single-point lifting facility
- Powder-coated base plate
  - Highly wear-resistant, on the steering rod
  - Transport and working position
  - Steering rod lockable in height adjustable steering rod
  - Low vibration steering rod
- Engine protection hood

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

<table>
<thead>
<tr>
<th>BOMAG BPR 45/55 D</th>
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<tbody>
<tr>
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<tr>
<td>Operating weight CECE (W)</td>
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<tr>
<td>Operating weight CECE (W1)</td>
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<tr>
<td>Operating weight CECE (W2)</td>
<td>415</td>
</tr>
<tr>
<td>Basic weight</td>
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<tr>
<td><strong>Dimensions</strong></td>
<td></td>
</tr>
<tr>
<td>Basic working width</td>
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</tr>
<tr>
<td>Working width without extension bars (W)</td>
<td>450</td>
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<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>
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<td><strong>Driving Characteristics</strong></td>
<td></td>
</tr>
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<td>Working speed, max.</td>
<td>28</td>
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<tr>
<td>Max. gradeability (dep. on soil con.)</td>
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<td><strong>Drive</strong></td>
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<td>Engine manufacturer</td>
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</tr>
<tr>
<td>Type</td>
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<tr>
<td>Emission stage</td>
<td>Stage V</td>
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<tr>
<td>Cooling</td>
<td>air</td>
</tr>
<tr>
<td>Number of cylinders</td>
<td>1</td>
</tr>
<tr>
<td>Performance ISO 3046</td>
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</tr>
<tr>
<td>Speed</td>
<td>3,000</td>
</tr>
<tr>
<td>Drive system</td>
<td>mech.</td>
</tr>
<tr>
<td>Fuel</td>
<td>Diesel</td>
</tr>
<tr>
<td>Fuel comsump. aver. during operation</td>
<td>1.4</td>
</tr>
<tr>
<td><strong>Exciter system</strong></td>
<td></td>
</tr>
<tr>
<td>Frequency</td>
<td>70</td>
</tr>
<tr>
<td>Centrifugal force</td>
<td>45</td>
</tr>
<tr>
<td>Amplitude</td>
<td>1.55</td>
</tr>
<tr>
<td><strong>Capacities</strong></td>
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</tr>
<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

**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 (BPR55/6SD)
- 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

**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>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>
<td>900</td>
<td>450</td>
<td>650</td>
<td>750</td>
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<td>BPR 60/65</td>
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<td>990</td>
<td>1350</td>
<td>1735</td>
<td>970</td>
<td>450</td>
<td>650</td>
<td>750</td>
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<td>BPR 60/65 D</td>
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<td>1700</td>
<td>900</td>
<td>450</td>
<td>650</td>
<td>750</td>
</tr>
</tbody>
</table>
### TECHNICAL DATA

#### Weights
- Operating weight CECE (W)........... kg
- Operating weight CECE (W1).......... kg
- Operating weight CECE (W2).......... kg
- Basic weight ................................ kg

#### Dimensions
- Basic working width ................... mm
- Working width without extension bars (W)m
- 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

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<th>BOMAG BPR 60/65</th>
<th>BOMAG BPR 60/65 D</th>
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<tr>
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<td>Operating weight</td>
<td>466</td>
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<td>Basic weight</td>
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</tr>
<tr>
<td>Working width</td>
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<td>450</td>
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<tr>
<td>Lowest passing</td>
<td>790</td>
<td>790</td>
<td>790</td>
</tr>
<tr>
<td>Min. height</td>
<td>980</td>
<td>990</td>
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</tr>
<tr>
<td>Max. height</td>
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<td>1,220</td>
<td>1,220</td>
</tr>
<tr>
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<td>Stage V mech.</td>
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<td>StageV/ CARB P.3</td>
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<tr>
<td>Cooling</td>
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<td>air</td>
<td>air</td>
</tr>
<tr>
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<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Speed</td>
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<td>8,7</td>
<td>6,7</td>
</tr>
<tr>
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<td>mech.</td>
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<tr>
<td>Fuel</td>
<td>Diesel</td>
<td>Gasoline</td>
<td>Diesel</td>
</tr>
<tr>
<td>Fuel comsump.</td>
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<td>1,5</td>
<td>1,5</td>
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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 (BPR 55/65 D)
- 3-2-1 Warranty
- Hour meter

Optional Equipment
- Tool kit
- Special painting
- 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>
</tr>
</thead>
<tbody>
<tr>
<td>BPR 50/55 D</td>
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<td>990</td>
<td>1360</td>
<td>1735</td>
<td>970</td>
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<td>990</td>
<td>1360</td>
<td>1735</td>
<td>970</td>
<td>680</td>
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## TECHNICAL DATA

### Weights
Operating weight CECE (W) ............................................. kg | BOMAG BPR 50/55 D | BOMAG BPR 55/65 D
---|---|---
Basic weight .......................................................... kg | 440 | 482

### Dimensions
Basic working width ................................................... mm | 680 | 680
Lowest passing height ............................................... mm | 800 | 800
Min. height w. steering in top position ......................... mm | 990 | 990
Max. height w. steering in top position ......................... mm | 1.230 | 1.230

### Driving Characteristics
Working speed, max. ................................................. m/min | 25 | 25
Max. gradeability (dep. on soil con.) ......................... % | 35 | 35

### Drive
Engine manufacturer ..................................................
Hatz
Kohler

Type .................................................................
1B 40
KD 15 440

Emission stage ......................................................
Stage V
Stage V

Cooling .................................................................
air
air

Number of cylinders ................................................
1
1

Performance ISO 3046 ................................................ kW | 6.7 | 6.8

Speed ................................................................. min⁻¹ | 3.000 | 3.000

Drive system ...........................................................
mech.
mech.

Fuel .................................................................

Fuel comsump. aver. during operation ..................... l/h | 1.5 | 1.4

### Exciter system
Frequency ............................................................ Hz | 66 | 66

Centrifugal force ................................................... kN | 50 | 55

### Capacities
Fuel ................................................................. l | 5.0 | 5.0

Technical modifications reserved. Machines may be shown with options.
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

<table>
<thead>
<tr>
<th></th>
<th>BOMAG</th>
<th>BOMAG</th>
</tr>
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<tbody>
<tr>
<td></td>
<td>BPR 60/65</td>
<td>BPR 60/65 D</td>
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<tr>
<td><strong>Weights</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Operating weight CECE (W)</td>
<td>447</td>
<td>484</td>
</tr>
<tr>
<td>Basic weight</td>
<td>442</td>
<td>487</td>
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<tr>
<td><strong>Dimensions</strong></td>
<td></td>
<td></td>
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<tr>
<td>Basic working width</td>
<td>680</td>
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<tr>
<td>Lowest passing height</td>
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<td>800</td>
</tr>
<tr>
<td>Min. height w. steering in top position</td>
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<td>990</td>
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<tr>
<td>Max. height w. steering in top position</td>
<td>1.230</td>
<td>1.230</td>
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<td><strong>Driving Characteristics</strong></td>
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<td></td>
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<tr>
<td>Working speed, max.</td>
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<td>25</td>
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<tr>
<td>Max. gradeability (dep. on soil con.)</td>
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<td>35</td>
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<tr>
<td><strong>Drive</strong></td>
<td></td>
<td></td>
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<tr>
<td>Engine manufacturer</td>
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<td>Hatz</td>
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<td>Type</td>
<td>GX 390</td>
<td>1B 40</td>
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<tr>
<td>Emission stage</td>
<td>Stage V/CARB P.3</td>
<td>Stage V</td>
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<tr>
<td>Cooling</td>
<td>air</td>
<td>air</td>
</tr>
<tr>
<td>Number of cylinders</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Performance ISO 3046</td>
<td>8.7</td>
<td>6.7</td>
</tr>
<tr>
<td>Speed</td>
<td>3.600</td>
<td>3.000</td>
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<td>Drive system</td>
<td>mech.</td>
<td>mech.</td>
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<tr>
<td>Fuel</td>
<td>Gasoline</td>
<td>Diesel</td>
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<tr>
<td>Fuel consump. aver. during operation</td>
<td>3.5</td>
<td>1.5</td>
</tr>
<tr>
<td><strong>Exciter system</strong></td>
<td></td>
<td></td>
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<tr>
<td>Frequency</td>
<td>68</td>
<td>68</td>
</tr>
<tr>
<td>Centrifugal force</td>
<td>60</td>
<td>60</td>
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<td>Amplitude</td>
<td>1.96</td>
<td>1.96</td>
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<tr>
<td><strong>Capacities</strong></td>
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<td>Fuel</td>
<td>6.1</td>
<td>5.0</td>
</tr>
</tbody>
</table>

Technical modifications reserved. Machines may be shown with options.
REVERSIBLE VIBRATORY PLATES
BPR 70/70 D, BPR 100/80 D

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
- 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)
- Extension plates (800mm)
- Extension plates (950mm)
- 3-2-1 Warranty
- Hour meter
- City mode gas adjustment

Optional Equipment
- ECONOMIZER (+5kg)
- Tool kit
- Special painting
- Plastic mat
- Extension plates (850mm)
- Extension plates (950mm)
- Service Kit
- Environmentally compliant hydraulic oil
- Safety crank-handle for emergency starting (+3kg)
- US Version EPA 4 NRTC (BPR70/70D:9.2kW)
- 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 70/70 D</td>
<td>910</td>
<td>1030</td>
<td>1470</td>
<td>1860</td>
<td>980</td>
<td>550</td>
<td>700</td>
<td>850</td>
</tr>
<tr>
<td>BPR 100/80 D</td>
<td>910</td>
<td>1180</td>
<td>1540</td>
<td>1890</td>
<td>980</td>
<td>650</td>
<td>800</td>
<td>950</td>
</tr>
</tbody>
</table>
## TECHNICAL DATA

### Weights
- Operating weight CECE (W) \(\ldots\) \(\ldots\) kg
- Operating weight CECE (W1) \(\ldots\) \(\ldots\) kg
- Operating weight CECE (W2) \(\ldots\) \(\ldots\) kg
- Basic weight \(\ldots\) \(\ldots\) kg

### Dimensions
- Basic working width \(\ldots\) \(\ldots\) mm
- Working width without extension bars (W) \(\ldots\) \(\ldots\) mm
- Lowest passing height \(\ldots\) \(\ldots\) mm
- Min. height w. steering in top position \(\ldots\) \(\ldots\) mm
- Max. height w. steering in top position \(\ldots\) \(\ldots\) mm

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

### Drive
- Engine manufacturer \(\ldots\) Hatz
- Type \(\ldots\) 1D 81
- Emission stage \(\ldots\) Stage V
- Cooling \(\ldots\) air
- Number of cylinders \(\ldots\) 1
- Performance ISO 3046 \(\ldots\) kW
- Speed \(\ldots\) \(\ldots\) min\(^{-1}\)
- Drive system \(\ldots\) mech.
- Fuel \(\ldots\) Diesel
- Fuel consumption, aver. during operation \(\ldots\) l/h

### Exciter system
- Frequency \(\ldots\) Hz
- Centrifugal force \(\ldots\) kN
- Amplitude \(\ldots\) mm

### Capacities
- Fuel \(\ldots\) l

---

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

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 70/70 D</td>
<td>910</td>
<td>1180</td>
<td>1540</td>
<td>1860</td>
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<tr>
<td>BPR 100/80 D</td>
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<td>1890</td>
<td>980</td>
<td>650</td>
<td>800</td>
<td>950</td>
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</tbody>
</table>
## TECHNICAL DATA

### Weights

<table>
<thead>
<tr>
<th></th>
<th>BPR 70/70 D</th>
<th>BPR 100/80 D</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating weight CECE (W)</td>
<td>547</td>
<td>677</td>
</tr>
<tr>
<td>Operating weight CECE (W1)</td>
<td>570</td>
<td>700</td>
</tr>
<tr>
<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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### Dimensions

<table>
<thead>
<tr>
<th></th>
<th>BPR 70/70 D</th>
<th>BPR 100/80 D</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basic working width</td>
<td>700</td>
<td>800</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>
<td>910</td>
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<tr>
<td>Min. height w. steering in top position</td>
<td>1.180</td>
<td>1.180</td>
</tr>
<tr>
<td>Max. height w. steering in top position</td>
<td>1.260</td>
<td>1.320</td>
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### Driving Characteristics

<table>
<thead>
<tr>
<th></th>
<th>BPR 70/70 D</th>
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</thead>
<tbody>
<tr>
<td>Working speed, max.</td>
<td>28</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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### Drive

<table>
<thead>
<tr>
<th></th>
<th>BPR 70/70 D</th>
<th>BPR 100/80 D</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engine manufacturer</td>
<td>Hatz</td>
<td>Hatz</td>
</tr>
<tr>
<td>Type</td>
<td>1D 81</td>
<td>1D 90</td>
</tr>
<tr>
<td>Emission stage</td>
<td>Stage V</td>
<td>Stage V</td>
</tr>
<tr>
<td>Cooling</td>
<td>air</td>
<td>air</td>
</tr>
<tr>
<td>Number of cylinders</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Performance ISO 3046</td>
<td>9.3</td>
<td>10.3</td>
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<tr>
<td>Speed</td>
<td>2.700</td>
<td>2.600</td>
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<tr>
<td>Drive system</td>
<td>mech.</td>
<td>mech.</td>
</tr>
<tr>
<td>Fuel</td>
<td>Diesel</td>
<td>Diesel</td>
</tr>
<tr>
<td>Fuel comsump. aver. during operation</td>
<td>2.0</td>
<td>2.2</td>
</tr>
</tbody>
</table>

### Exciter system

<table>
<thead>
<tr>
<th></th>
<th>BPR 70/70 D</th>
<th>BPR 100/80 D</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frequency</td>
<td>66</td>
<td>54</td>
</tr>
<tr>
<td>Centrifugal force</td>
<td>70</td>
<td>100</td>
</tr>
<tr>
<td>Amplitude</td>
<td>1.80</td>
<td>2.70</td>
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</table>

### Capacities

<table>
<thead>
<tr>
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<th>BPR 100/80 D</th>
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</thead>
<tbody>
<tr>
<td>Fuel</td>
<td>10.0</td>
<td>10.0</td>
</tr>
</tbody>
</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 dashboard
- 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

Dimensions in mm

<table>
<thead>
<tr>
<th>Dimensions in mm</th>
<th>H</th>
<th>L</th>
<th>L1</th>
<th>W</th>
<th>W1</th>
</tr>
</thead>
<tbody>
<tr>
<td>BPH 80/65 S</td>
<td>785</td>
<td>1118</td>
<td>1088</td>
<td>650</td>
<td>800</td>
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</table>
### 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

---

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

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>
<th>O2</th>
<th>S</th>
<th>W</th>
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<tbody>
<tr>
<td>BW 55 E</td>
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<td>125</td>
<td>330</td>
<td>400</td>
<td>900</td>
<td>1100</td>
<td>100</td>
<td>18</td>
<td>5</td>
<td>560</td>
</tr>
</tbody>
</table>

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

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

**Weights**
- Operating weight CECE ................................................... kg
- Basic weight ................................................................ kg
- Static linear load CECE ................................................... kg/cm

**Dimensions**
- Working width ......................................................... mm

**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 SAE J 1349 ...........................................
- Speed ................................................................. min-1
- Fuel .................................................................
- Starting device ....................................................
- Drive system .......................................................  
- Fuel comsump. aver. during operation ........................ l/h

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

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

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

---

### TECHNICAL DATA

**Weights**
- Operating weight CECE ................................................... kg
- Basic weight ................................................................ kg
- Static linear load CECE ................................................... kg/cm

**Dimensions**
- Working width ......................................................... mm

**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 SAE J 1349 ...........................................
- Speed ................................................................. min-1
- Fuel .................................................................
- Starting device ....................................................
- Drive system .......................................................  
- Fuel comsump. aver. during operation ........................ l/h

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

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

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

---

Technical modifications reserved. Machines may be shown with options.
**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 dampened 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>BW 71 E-2</th>
<th>B</th>
<th>C1</th>
<th>C2</th>
<th>D</th>
<th>H</th>
<th>L</th>
<th>O1</th>
<th>O2</th>
<th>S</th>
<th>W</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>825</td>
<td>190</td>
<td>450</td>
<td>600</td>
<td>1245</td>
<td>2200</td>
<td>115</td>
<td>25</td>
<td>8</td>
<td>710</td>
</tr>
</tbody>
</table>
## 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
- Performance SAE J 1349: 3,200 min-1
- Fuel: Diesel
- Starting device: El.-starter
- Drive system: hydrost.
- Fuel consump. 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.

**Dimensions in mm**

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>H</th>
<th>H1</th>
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<td>BW 65 H</td>
<td>550</td>
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<td>960</td>
<td>1210</td>
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<td>20</td>
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<tr>
<td>BW 75 H</td>
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<td>250</td>
<td>500</td>
<td>1100</td>
<td>1159</td>
<td>128</td>
<td>2910</td>
<td>3010</td>
<td>20</td>
<td>10</td>
<td>750</td>
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</tbody>
</table>

**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

<table>
<thead>
<tr>
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<th>BW 65 H</th>
<th>BW 75 H</th>
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<td>Max. gradeability without/vibr.</td>
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<td>40/35</td>
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<tr>
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<tr>
<td>Driven drum</td>
<td>front + rear</td>
<td>front + rear</td>
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<tr>
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<td>1,3</td>
<td>1,5</td>
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<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>mech.</td>
<td>mech.</td>
</tr>
<tr>
<td><strong>Exciter system</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vibrating drum</td>
<td>front + rear</td>
<td>front + rear</td>
</tr>
<tr>
<td>Drive system</td>
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<td>mech.</td>
</tr>
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<td>Frequency</td>
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<td>55</td>
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<td>Amplitude</td>
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<td>Centrifugal force</td>
<td>22</td>
<td>40</td>
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<tr>
<td><strong>Sprinkler System</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Type of sprinkling</td>
<td>gravity</td>
<td>gravity</td>
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<tr>
<td><strong>Capacities</strong></td>
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<tr>
<td>Fuel</td>
<td>5,0</td>
<td>5,5</td>
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<tr>
<td>Water</td>
<td>60,0</td>
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</tr>
</tbody>
</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.

**Dimensions in mm**

<table>
<thead>
<tr>
<th>BMP 8500</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
</tr>
<tr>
<td>B</td>
</tr>
<tr>
<td>C</td>
</tr>
<tr>
<td>D</td>
</tr>
<tr>
<td>E</td>
</tr>
<tr>
<td>F</td>
</tr>
<tr>
<td>G</td>
</tr>
<tr>
<td>H</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: 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 D 1005
- Type: Stage V / TIER4f
- Emission stage: water
- Cooling: 3
- Performance ISO 3046: 14.5 kW
- Speed: 2,600 min-1
- Fuel: Diesel
- Drive system: hydromech.
- Driven drum: 4
- Fuel consumption, average during operation: 3.1 l/h

### Brakes
- Service brake: hydromech.
- Parking brake:
- Exciter system
  - Vibrating drum: front + rear
  - Drive system: hydraulic
  - Frequency: 42/42 Hz
  - Amplitude: 1,12/0.56 mm
  - Centrifugal force: 72/36 kN

### Capacities
- Fuel: 24.0 l

---

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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
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- 2 amplitudes
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Optional Equipment
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- Smooth drum (-45kg Amplitude 1,59/0,86mm)
- Special painting
- Mobile quick charger
- Scrapers 610/850mm
- Service Kit
- ECONOMIZER
- TOUGH WARRANTY

Dimensions in mm

<table>
<thead>
<tr>
<th>BMP 8500</th>
<th>A</th>
<th>D</th>
<th>H</th>
<th>K</th>
<th>L</th>
<th>S</th>
<th>W</th>
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<tr>
<td>1000</td>
<td>520</td>
<td>1275</td>
<td>197</td>
<td>1897</td>
<td>16</td>
<td>850</td>
<td>610</td>
<td></td>
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</table>
### 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 consump. 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

**BMP 8500**

- 1,595
- 1,585
- 798

<table>
<thead>
<tr>
<th>Centrifugal force</th>
<th>Exciter system</th>
<th>Drive system</th>
<th>Type</th>
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<td>hydrost.</td>
<td>Kohler</td>
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<tr>
<td>2,600</td>
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<td>hydromec.</td>
<td>KDW 1003</td>
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<tr>
<td>2,8</td>
<td></td>
<td>hydraulic</td>
<td>Stage V / TIER4f</td>
</tr>
<tr>
<td>55/45</td>
<td></td>
<td></td>
<td>water</td>
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</tbody>
</table>

---

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

---

**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 80 AD-5</td>
<td>1483</td>
<td>856</td>
<td>433</td>
<td>580</td>
<td>1627</td>
<td>2304</td>
<td>255</td>
<td>2194</td>
<td>28</td>
<td>13</td>
<td>800</td>
</tr>
<tr>
<td>BW 90 AD-5</td>
<td>1483</td>
<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>
<tr>
<td>BW 100 ADM-5</td>
<td>1483</td>
<td>1056</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>1000</td>
</tr>
</tbody>
</table>

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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**
- ROPS with safety belt
- * 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)
**TECHNICAL DATA**

<table>
<thead>
<tr>
<th>Weights</th>
<th>BOMAG BW 80 AD-5</th>
<th>BOMAG BW 90 AD-5</th>
<th>BOMAG BW 100 ADM-5</th>
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</thead>
<tbody>
<tr>
<td>Operating weight CECE</td>
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<td>1.700</td>
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<td>Gross weight</td>
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<th>Dimensions</th>
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<th>BOMAG BW 90 AD-5</th>
<th>BOMAG BW 100 ADM-5</th>
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<th>BOMAG BW 100 ADM-5</th>
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<td>Max. gradeability without/with vibration</td>
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<td>40/30</td>
<td>40/30</td>
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<td>Stage V / TIER4f</td>
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<td>3.000</td>
<td>3.000</td>
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<td>12</td>
<td>12</td>
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<tr>
<td>Speed adjustment 7</td>
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<table>
<thead>
<tr>
<th>Brakes</th>
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<th>BOMAG BW 90 AD-5</th>
<th>BOMAG BW 100 ADM-5</th>
</tr>
</thead>
<tbody>
<tr>
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<td>hydromec.</td>
<td>hydromec.</td>
</tr>
<tr>
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<td>hydromec.</td>
<td>hydromec.</td>
<td>hydromec.</td>
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</table>

<table>
<thead>
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<th>BOMAG BW 80 AD-5</th>
<th>BOMAG BW 90 AD-5</th>
<th>BOMAG BW 100 ADM-5</th>
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<tbody>
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<td>oscill.artic.</td>
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<td>hydromec.</td>
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<td>33/8</td>
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<tr>
<td>Crab walk</td>
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<td>grad</td>
<td>grad</td>
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<td>Crab walk</td>
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<td>0-50</td>
<td>0-50</td>
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</table>

<table>
<thead>
<tr>
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<th>BOMAG BW 80 AD-5</th>
<th>BOMAG BW 90 AD-5</th>
<th>BOMAG BW 100 ADM-5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vibrating drum</td>
<td>front + rear</td>
<td>front + rear</td>
<td>front + rear</td>
</tr>
<tr>
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<td>hydromec.</td>
<td>hydromec.</td>
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<tr>
<td>Frequency</td>
<td>Hz</td>
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<tr>
<td>Amplitude</td>
<td>mm</td>
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<tr>
<td>Centrifugal force</td>
<td>kN</td>
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<td>8/17</td>
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<table>
<thead>
<tr>
<th>Sprinkler System</th>
<th>BOMAG BW 80 AD-5</th>
<th>BOMAG BW 90 AD-5</th>
<th>BOMAG BW 100 ADM-5</th>
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</thead>
<tbody>
<tr>
<td>Type of sprinkling</td>
<td>pressure</td>
<td>pressure</td>
<td>pressure</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Capacities</th>
<th>BOMAG BW 80 AD-5</th>
<th>BOMAG BW 90 AD-5</th>
<th>BOMAG BW 100 ADM-5</th>
</tr>
</thead>
<tbody>
<tr>
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<td>30.0</td>
<td>30.0</td>
</tr>
<tr>
<td>Water</td>
<td>100.0</td>
<td>100.0</td>
<td>100.0</td>
</tr>
</tbody>
</table>

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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.

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 90 SC-5</td>
<td>1483</td>
<td>960</td>
<td>435</td>
<td>580</td>
<td>1627</td>
<td>2304</td>
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<td>2194</td>
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<td>52</td>
<td>12</td>
<td>1060</td>
</tr>
</tbody>
</table>

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

#### Weights
- Operating weight CECE: 1,650 kg
- Average static linear load CECE: 9,2 kg/cm
- Gross weight: 1,900 kg

#### Dimensions
- Working width: 960 mm
- Track radius, inner: 2,000 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: D 902
- Performance SAE J 1995: 15,1 hp
- Performance ISO 14396: 3,000 kW
- Speed adjustment 1: 2,100 min-1
- Speed adjustment 2: 3,000 min-1
- Electric equipment: 12 V
- Drive drum: front + rear

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

#### Steering
- Steering system: oscil.artic.
- Steering method: hydromec.
- Steering / oscillating angle +/-: 33/8 grad
- Crab walk: 0-50

#### Exciter system
- Vibrating drum: front + rear
- Drive system: hydromec.
- Frequency: 42/63 Hz
- Amplitude: 0,50 mm
- Centrifugal force: 8/19 kN

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

#### Capacities
- Fuel: 30,0 l
- Water: 100,0 l

---

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**

<table>
<thead>
<tr>
<th>BW 900-50</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
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### TECHNICAL DATA

#### Weights
- Operating weight CECE: 1.200 kg
- Average axle load CECE: 599 kg
- Average static linear load CECE: 6.7 kg/cm

#### Dimensions
- Working width: 900 mm
- Track radius, inner: 1.647 mm

#### Driving Characteristics
- Working speed with vibration: 0 - 4.0 km/h
- Max. travel speed: 0 - 8.7 km/h
- Max. gradeability without/with vibr.: 40/30 %

#### Drive
- Engine manufacturer: Honda
- Type: GX 630
- Cooling: air
- Number of cylinders: 2
- Performance SAE J 1349: 14.9 kW
- Speed: 3,300 min⁻¹
- Electric equipment: hydrost.
- Drive system: 12 V
- Driven drum: 2

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

#### Steering
- Steering system: oscil.artic.
- Steering method: hydrost.
- Steering angle +/-: 33 grad
- Oscillating angle +/-: 6 grad

#### Exciter system
- Vibrating drum: front
- Drive system: hydrost.
- Frequency: 70 Hz
- Amplitude: 0.50 mm
- Centrifugal force: 15 kN

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

#### Capacities
- Fuel: 27.0 l
- Water: 137.0 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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<tbody>
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<td>1072</td>
<td>523</td>
<td>700</td>
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<td>254</td>
<td>2529</td>
<td>36</td>
<td>13</td>
<td>1200</td>
</tr>
</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/with vibr.: 40/30%

#### Drive
- Engine manufacturer: Kubota D 1703
- Emission stage: Stage IIIa / Tier4i
- Performance SAE J 1995: water
- Performance ISO 14396: water
- Cooling: water
- Number of cylinders: 3

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

#### Steering
- Steering system: oscill. artic.
- Steering method: hydromec.
- Steering / oscillating angle: 0-50
- Crab walk: front + rear

#### 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

#### 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.

**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)

**Dimensions in mm**

<table>
<thead>
<tr>
<th></th>
<th>A</th>
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<td>2529</td>
<td>36</td>
<td>13</td>
<td>1200</td>
</tr>
</tbody>
</table>
### Technical Data

**Weights**
- Operating weight w. ROPS CECE: 2.600 kg
- Average static linear load CECE: 13.0 kg/cm
- Gross weight: 3.400 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 D1803
- Emission stage: Stage V / TIER4f
- Exhaust gas aftertreatment: DPF water
- Performance ISO 14396: 3 kW
- Performance SAE J 1995: 24.6 hp
- Speed: 2.600 min⁻¹
- Speed adjustment 1: 63/67 min⁻¹
- Speed adjustment 2: 0-50 min⁻¹
- Electric equipment: 12 V
- Driven drum: front + rear

**Brakes**
- Service brake: hydrost.
- Parking brake: hydromec.

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

**Exciter system**
- Vibrating drum: front + rear
- 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: 205.0 l

### Technical Modifications
- 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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<td>254</td>
<td>2529</td>
<td>36</td>
<td>10</td>
<td>1200</td>
</tr>
</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
- 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
## TECHNICAL DATA

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<tr>
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<td>kg</td>
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<tr>
<td>Average static linear load CECE</td>
<td>kg/cm</td>
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<tr>
<td>Grossweight</td>
<td>kg</td>
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<tbody>
<tr>
<td>Working width</td>
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<tr>
<td>Track radius, inner</td>
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<td>Speed</td>
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<td>km/h</td>
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<tr>
<td>Max. gradeability without vibration</td>
<td>%</td>
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<td>Cooling</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>Driven drum</td>
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<th>Brakes</th>
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<tr>
<td>Service brake</td>
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<td>Parking brake</td>
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<th>Steering</th>
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<tbody>
<tr>
<td>Steering system</td>
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<tr>
<td>Steering method</td>
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</tr>
<tr>
<td>Steering / oscillating angle</td>
<td>grad</td>
</tr>
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<td>Crab walk</td>
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<th>Exciter system</th>
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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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<tr>
<td>Amplitude</td>
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<tr>
<td>Centrifugal force</td>
<td>kN</td>
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<table>
<thead>
<tr>
<th>Sprinkler System</th>
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<tbody>
<tr>
<td>Type of sprinkling</td>
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<table>
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<th>Capacities</th>
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<tr>
<td>Water</td>
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### BOMAG

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<td>Grossweight</td>
<td>kg</td>
</tr>
<tr>
<td>Average static linear load CECE</td>
<td>kg/cm</td>
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<tr>
<td>Operating weight w. ROPS CECE</td>
<td>kg</td>
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<td>Average static linear load CECE</td>
<td>kg/cm</td>
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<tr>
<td>Operating weight w. ROPS CECE</td>
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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.

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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
- 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: 350 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/with vibr.: 40/30%

### Drive
- Engine manufacturer: Kubota
- Type: D 1703
- Emission stage: Stage V / TIER4f
- 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
- Drive system: hydrost.
- Steering method: oscil.artic.
- Steering / oscillating angle +/-: 32/10 grad
- Crab walk: 0-50

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

### Exciter System
- Vibrating drum: 34/26 kN
- Drive system: hydrost.
- Frequency: 72/65 Hz
- Amplitude: 0,50 mm
- Centrifugal force: 25,0 kN

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

### Capacities
- Fuel: 35,0 l
- Water: 165,0 l

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.

**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)

**Dimensions in mm**

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

### Weights
- Operating weight CECE ........................................... kg
- Axle load, drum / wheels CECE ................................ kg
- Wheel load CECE ...................................................... kg/cm
- Static linear load, front 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/vibr. .............................. %

### Drive
- Engine manufacturer ..............................................
- Type .................................................................
- Emission stage .....................................................
- Cooling ..............................................................
- Number of cylinders ...........................................
- Performance ISO 14396 ........................................ kW
- Performance SAE J 1995 ....................................... hp
- Speed ............................................................... min⁻¹
- Speed adjustment 1 ............................................. min⁻¹
- Speed adjustment 2 ............................................. min⁻¹
- Electric equipment ............................................... V
- Driven drum .......................................................
- Driven wheels .....................................................

### Drums and 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 ....................................................... Hz
- Frequency ...........................................................
- Amplitude ............................................................ mm
- Centrifugal force ................................................ kN

### Sprinkler System
- Type of sprinkler ................................................

### Capacities
- Fuel ...................................................................
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BOMAG
BW 90 AC-5

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<tr>
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<td>9/17</td>
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<td>pressure</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>
<td>BW 100 ACM-5</td>
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<td>1056</td>
<td>435</td>
<td>580</td>
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<td>2340</td>
<td>240</td>
<td>2194</td>
<td>28</td>
<td>12</td>
<td>1000</td>
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<td>BW 100 SCC-5</td>
<td>1483</td>
<td>1056</td>
<td>435</td>
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<td>2340</td>
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### Technical Data

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<thead>
<tr>
<th>(weights)</th>
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<th>BOMAG BW 100 SCC-5</th>
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<tr>
<td>Operating weight CECE</td>
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<td>Axle load, drum / wheels CECE</td>
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<td>775/875</td>
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<tr>
<td>Wheel load CECE</td>
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<td>219</td>
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<tr>
<td>Static linear load, front CECE</td>
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<td>Grossweight</td>
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<td>1.000</td>
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<tr>
<td>Track radius, inner</td>
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<td>Speed</td>
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<tr>
<td>Working speed with vibration</td>
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<td>0-10.0</td>
</tr>
<tr>
<td>Max. gradeability without vibr.</td>
<td>40/30</td>
<td>40/30</td>
</tr>
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</table>

**Drive**

- Engine manufacturer: Kubota
- Type: D 902
- Emission stage: Stage V / TIER4f
- Cooling: water
- Performance ISO 14396: 15.1 kW
- Performance SAE J 1995: 20.2 hp
- Speed: 3.000 min⁻¹
- Speed adjustment 1: 2.100 min⁻¹
- Speed adjustment 2: 3.000 min⁻¹
- Electric equipment: 12 V
- Driven drum: 12 V
- Driven wheels: front
- Brakes: hydrost.
- Parking brake: hydromec.
- Steering system: oscil.artic.
- Steering method: hydrost.
- Steering / oscillating angle: 33/8 grad
- Crab walk: 0-50
- Exciter system: 42/63 Hz
- Amplitude: 0.40 mm
- Centrifugal force: 8/17 kN
- Sprinkler System: pressure
- Type of sprinkling: pressure
- Capacities: 30.0 l
- Water: 100.0 l
- Emulsion: 11.0 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

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
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<th>D</th>
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<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 100 AC-5</td>
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<td>523</td>
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<td>BW 120 AC-5</td>
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<td>523</td>
<td>700</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 scrapper
- 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: 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
- Grossweight: 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
  - Service brake: hydromec.
  - Parking brake: hydromec.

### Steering
- 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
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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<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>C</th>
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<td>BW 120 AC-5</td>
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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 scatterer
- Hydraulically adjustable crabwalk (50mm)
- Pointer
- Special painting
- Backup warning buzzer with broadband technology

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

<table>
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<tr>
<th><strong>Weights</strong></th>
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<td>BW 100 AC-5</td>
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<tr>
<td>Operating weight w. ROPS CECE</td>
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<td>Axle load, drum / wheels CECE</td>
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<tr>
<td>Max. gradeability without with vibration</td>
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<td>Stage V / TIER4f</td>
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<th><strong>BOMAG</strong></th>
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<tr>
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<table>
<thead>
<tr>
<th><strong>Sprinkler System</strong></th>
<th><strong>BOMAG</strong></th>
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</thead>
<tbody>
<tr>
<td>Type of sprinkling</td>
<td>pressure</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Capacities</strong></th>
<th><strong>BOMAG</strong></th>
</tr>
</thead>
<tbody>
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<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.
The ECONOMIZER is a compaction measurement system which indicates compaction progress. During the compaction process, progress is indicated by the increase in the number of illuminated LEDs. If the number of LEDs remains constant, no more compaction can be achieved by these machines.

Advantages:
- Prevents unnecessary passes (no overcompaction)
- Saves time and fuel
- Identifies weak spots (no rework)
- Easy to understand (no calibration, no separate switching on)

ECONOMIZER available for all reversible vibratory plates > 300 kg and BMP 8500
STONEGUARD

Using this globally unique paving plate, you will achieve unimaginable results in terms of surface coverage, handling and quality. The vulcanised plastic shape improves the smooth running and contact area of the machine.

Advantages:
■ Increases working speed by up to 30%
■ Prevents edges and paving stone breakages
■ Allows vibratory compaction to the very last stone
■ Vibratory compaction of large slabs possible
■ Prevents property damage

STONEGUARD available for BPR 25/50 D, BPR 35/60, BPR 35/60 D, BPR 50/55 D, BPR 55/65 D, BPR 60/65, BPR 60/65 D
COMFORTABLE CONTROL LEVER

In addition to the vibration-dampened guide handle of the BP and BVP series, available as standard, Bomag offers a comfortable control lever, which reduces the hand-arm vibration values for the operator even more.

Advantages:
- Reduces the stress on the operator
- Reduces the documentation effort required to create a risk assessment

Comfortable control lever available for all BP and BVP (except BVP 12/50)
SOIL OF COMPACTION
For the determination of the performance in earthwork the lift height of the compacted material is of utmost importance. The processed lift height depends mainly on soil type, compaction requirements and the compaction equipment used for the job. 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.

The tables contain information on the volumetric output of the compaction equipment in earthwork.

ASPHALT COMPACTION
In asphalt compaction the number of required passes may vary extremely. It mainly depends on the compactibility of the mixture, the precompaction by the paver, the mixture temperature during compaction, the layer thickness as well as the characteristic data of the compactor.

The following tables contain mean area and volumetric output data for the compaction equipment.
**APPLICATION TIPS FOR EARTHWORKS AND ASPHALTWORKS**

### Rock Crushed stones Gravel/Sand Mixed soil Silt/Clay

<table>
<thead>
<tr>
<th>Application</th>
<th>kN</th>
<th>kg</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>50 → 40</td>
<td></td>
</tr>
<tr>
<td>BT 60</td>
<td>≤ 15</td>
<td>&lt; 62</td>
</tr>
<tr>
<td>BT 65</td>
<td>16-17</td>
<td>62-85</td>
</tr>
<tr>
<td>BP 20/50 (D)</td>
<td>≤ 20</td>
<td>47-91</td>
</tr>
<tr>
<td>B(V)P 10/35 - BVP 18/45</td>
<td>≥ 20</td>
<td>95-109</td>
</tr>
<tr>
<td>BPR 25/xx</td>
<td>≤ 25</td>
<td>≤ 150</td>
</tr>
<tr>
<td>BPR 35/xx</td>
<td>≤ 35</td>
<td>≤ 230</td>
</tr>
<tr>
<td>BPR 45/55 D, BPR 50/55 D</td>
<td>≤ 50</td>
<td>≤ 400</td>
</tr>
<tr>
<td>BPR 55/65 D, BPR 60/65 D</td>
<td>≤ 60</td>
<td>≤ 460</td>
</tr>
<tr>
<td>BPR 70/70 D</td>
<td>≤ 70</td>
<td>≤ 600</td>
</tr>
<tr>
<td>BPR 100/80 D, BPH 80/65 S</td>
<td>≤ 100</td>
<td>&gt; 700</td>
</tr>
<tr>
<td>BW 55 E</td>
<td>10</td>
<td>≤ 170</td>
</tr>
<tr>
<td>BW 71 E-2</td>
<td>16</td>
<td>≤ 530</td>
</tr>
<tr>
<td>BW 65 H</td>
<td>22</td>
<td>≤ 800</td>
</tr>
<tr>
<td>BW 75 H</td>
<td>40</td>
<td>≤ 1100</td>
</tr>
<tr>
<td>BMP 8500</td>
<td>72</td>
<td>≤ 1500</td>
</tr>
</tbody>
</table>

### Dimensions

<table>
<thead>
<tr>
<th>kN</th>
<th>kg</th>
<th>2 - 4 cm</th>
<th>6 - 8 cm</th>
<th>10 - 14 cm</th>
</tr>
</thead>
<tbody>
<tr>
<td>BT 60, BT 65</td>
<td>14-17</td>
<td>55-85</td>
<td>–</td>
<td>✓</td>
</tr>
<tr>
<td>BP 20/50 - BP 25/50 D</td>
<td>10-20</td>
<td>47-109</td>
<td>✓</td>
<td>–</td>
</tr>
<tr>
<td>BP 25/50 (D)</td>
<td>&lt; 25</td>
<td>&gt; 108</td>
<td>✓</td>
<td>✓ (6 cm)</td>
</tr>
<tr>
<td>BPR 25/XX</td>
<td>≤ 25</td>
<td>&lt; 150</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>BPR 35/XX</td>
<td>≤ 35</td>
<td>&lt; 300</td>
<td>–</td>
<td>✓</td>
</tr>
<tr>
<td>BPR 45/55 D - BPR 70/70 D</td>
<td>45-70</td>
<td>390-600</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>BW 55 E</td>
<td>10-16</td>
<td>150-500</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>BW 71 E-2</td>
<td>10-16</td>
<td>150-500</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>BW 65 H, BW 75 H</td>
<td>22-40</td>
<td>650-1100</td>
<td>✓</td>
<td>✓</td>
</tr>
</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>
</tr>
</thead>
<tbody>
<tr>
<td>–</td>
<td>30 → 25</td>
<td>45 → 35</td>
<td>35 → 30</td>
<td>30 → 25</td>
</tr>
<tr>
<td>–</td>
<td>30 → 25</td>
<td>50 → 40</td>
<td>35 → 30</td>
<td>30 → 25</td>
</tr>
<tr>
<td>–</td>
<td>–</td>
<td>25 → 20</td>
<td>20 → 15</td>
<td>–</td>
</tr>
<tr>
<td>–</td>
<td>–</td>
<td>25 → 20</td>
<td>20 → 15</td>
<td>–</td>
</tr>
<tr>
<td>–</td>
<td>35 → 13</td>
<td>35 → 30</td>
<td>30 → 25</td>
<td>20 → 15</td>
</tr>
<tr>
<td>–</td>
<td>35 → 30</td>
<td>30 → 25</td>
<td>30 → 25</td>
<td>20 → 15</td>
</tr>
<tr>
<td>–</td>
<td>42 → 35</td>
<td>35 → 30</td>
<td>30 → 25</td>
<td>30 → 25</td>
</tr>
<tr>
<td>–</td>
<td>50 → 35</td>
<td>45 → 35</td>
<td>45 → 35</td>
<td>30 → 25</td>
</tr>
<tr>
<td>–</td>
<td>35 → 40</td>
<td>50 → 40</td>
<td>40 → 40</td>
<td>35 → 30</td>
</tr>
<tr>
<td>–</td>
<td>50 → 45</td>
<td>60 → 50</td>
<td>60 → 50</td>
<td>–</td>
</tr>
<tr>
<td>–</td>
<td>–</td>
<td>25 → 20</td>
<td>25 → 20</td>
<td>–</td>
</tr>
<tr>
<td>–</td>
<td>–</td>
<td>25 → 20</td>
<td>25 → 20</td>
<td>18 → 15</td>
</tr>
<tr>
<td>–</td>
<td>13 → 10</td>
<td>25 → 20</td>
<td>25 → 20</td>
<td>12 → 10</td>
</tr>
<tr>
<td>–</td>
<td>13 → 10</td>
<td>30 → 25</td>
<td>30 → 25</td>
<td>18 → 15</td>
</tr>
<tr>
<td>–</td>
<td>35 → 30</td>
<td>40 → 35</td>
<td>40 → 35</td>
<td>35 → 30</td>
</tr>
</tbody>
</table>
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>&gt; 550</td>
<td>–</td>
<td>✔</td>
<td>✔</td>
</tr>
</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>
</tr>
</thead>
<tbody>
<tr>
<td>BPR 25/50 D</td>
<td>≤ 25</td>
<td>≤ 150</td>
<td>✔</td>
<td>✔</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>BPR 35/60</td>
<td>≤ 35</td>
<td>≤ 230</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>–</td>
</tr>
<tr>
<td>BPR 35/60 D</td>
<td>≤ 35</td>
<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>✔ (1)</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>BPR 55/65 D</td>
<td>≤ 60</td>
<td>≤ 460</td>
<td>–</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>BPR 60/65 D</td>
<td>≤ 60</td>
<td>≤ 460</td>
<td>–</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
</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.
✔ suitable – unsuitable
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) Example: 50 Hz = 50 rev./sec</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1/min</td>
<td>= 50 x 60</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>= 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. - fluids and lubricants - 50% of the fuel tank contents x 0.84 (specific weight) - 50% of the water tank contents - 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, kg/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>
### 3-2-1 warranty as a standard

*If you offer high quality, you can also give extensive warranty cover*

<table>
<thead>
<tr>
<th></th>
<th>3 years of</th>
<th>2 years of</th>
<th>1 year</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>BT</strong> Tamper</td>
<td>Spring and guide unit</td>
<td>Combustion engine</td>
<td>Standard warranty</td>
</tr>
<tr>
<td><strong>BP/BVP</strong> Single Direction Vibratory Plates</td>
<td>Exciter gears</td>
<td>Combustion engine</td>
<td>Standard warranty</td>
</tr>
<tr>
<td><strong>BPR</strong> Reversible Vibratory Plates</td>
<td>Exciter gears + Hydraulic travel lever control</td>
<td>Combustion engine</td>
<td>Standard warranty</td>
</tr>
<tr>
<td><strong>BPH</strong> Reversible Hydraulic Plates</td>
<td>Exciter gears + Vibration motor/-pump</td>
<td>Combustion engine</td>
<td>Standard warranty</td>
</tr>
<tr>
<td><strong>BW</strong> Hand-guided Vibratory Rollers</td>
<td>Exciter gears + Coupling + Vibration drive</td>
<td>Combustion engine</td>
<td>Standard warranty</td>
</tr>
<tr>
<td><strong>BMP</strong> Multipurpose Compactor</td>
<td>Exciter gears + Vibration motor/-pump + Drum</td>
<td>Combustion engine</td>
<td>Standard warranty</td>
</tr>
</tbody>
</table>

### Extended warranty

*New options: extended warranties for new machines*

- **3 years warranty**
  - Material
  - Material + wage

- **5 years warranty**
  - Material
  - Material + wage

**NEW WARRANTY OPTIONS:**

Now available for the entire Light Equipment range.

Please refer to your price list and service documents for further information.

The proven 3-2-1 warranty is still standard.
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.

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