TECHNICAL DATA

SINGLE DRUM ROLLERS
BW 219 D-5, BW 219 PD-5
Dimensions in mm

<table>
<thead>
<tr>
<th>Machine type</th>
<th>A</th>
<th>B</th>
<th>D</th>
<th>H</th>
<th>H2</th>
<th>K</th>
<th>L</th>
<th>O1</th>
<th>O2</th>
<th>S</th>
<th>W</th>
</tr>
</thead>
<tbody>
<tr>
<td>BW 219 D-5</td>
<td>0</td>
<td>2300</td>
<td>1600</td>
<td>2300</td>
<td>3030</td>
<td>495</td>
<td>6500</td>
<td>85</td>
<td>85</td>
<td>40</td>
<td>2130</td>
</tr>
<tr>
<td>BW 219 PD-5</td>
<td>3255</td>
<td>2300</td>
<td>1500</td>
<td>2300</td>
<td>3060</td>
<td>495</td>
<td>6500</td>
<td>85</td>
<td>85</td>
<td>35</td>
<td>2130</td>
</tr>
</tbody>
</table>

Shipping dimensions in m³

<table>
<thead>
<tr>
<th>Machine type</th>
<th>Without ROPS</th>
<th>With ROPS</th>
</tr>
</thead>
<tbody>
<tr>
<td>BW 219 D-5</td>
<td>34,385</td>
<td>45,299</td>
</tr>
<tr>
<td>BW 219 PD-5</td>
<td>34,385</td>
<td>45,747</td>
</tr>
</tbody>
</table>

Machine type | Compaction output (m³/h)

<table>
<thead>
<tr>
<th>Rock fill</th>
<th>Gravel, sand</th>
<th>Mixed soil</th>
<th>Silt, clay</th>
</tr>
</thead>
<tbody>
<tr>
<td>BW 219 D-5</td>
<td>940-1880</td>
<td>700-1400</td>
<td>560-960</td>
</tr>
<tr>
<td>BW 219 PD-5</td>
<td>940-1880</td>
<td>700-1400</td>
<td>560-960</td>
</tr>
</tbody>
</table>

Machine type | Compacted layer thickness (m)

<table>
<thead>
<tr>
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<th>Gravel, sand</th>
<th>Mixed soil</th>
<th>Silt, clay</th>
</tr>
</thead>
<tbody>
<tr>
<td>BW 219 D-5</td>
<td>1,40</td>
<td>1,00</td>
<td>0,70</td>
</tr>
<tr>
<td>BW 219 PD-5</td>
<td>1,40</td>
<td>1,00</td>
<td>0,70</td>
</tr>
</tbody>
</table>
### Technical Data

#### Weights
- **Grossweight**: BW 219 D-5: 22,000 kg, BW 219 PD-5: 21,000 kg
- **Operating weight CECE w. ROPS-cabin**: BW 219 D-5: 19,400 kg, BW 219 PD-5: 20,000 kg
- **Axle load, drum CECE**: BW 219 D-5: 12,800 kg, BW 219 PD-5: 13,200 kg
- **Axle load, wheels CECE**: BW 219 D-5: 6,600 kg, BW 219 PD-5: 6,800 kg
- **Static linear load CECE**: BW 219 D-5: 60,1 kg/cm, BW 219 PD-5: 60,1 kg/cm

#### Dimensions
- **Working width**: BW 219 D-5: 2,130 mm, BW 219 PD-5: 2,130 mm
- **Track radius, inner**: BW 219 D-5: 4,120 mm, BW 219 PD-5: 4,120 mm

#### Driving Characteristics
- **Speed (1)**: BW 219 D-5: 0-4,0 km/h, BW 219 PD-5: 0-4,0 km/h
- **Speed (2)**: BW 219 D-5: 0-5,0 km/h, BW 219 PD-5: 0-6,0 km/h
- **Speed (3)**: BW 219 D-5: 0-6,0 km/h, BW 219 PD-5: 0-6,0 km/h
- **Speed (4)**: BW 219 D-5: 0-10,0 km/h, BW 219 PD-5: 0-10,0 km/h
- **Max. gradeability without/with vibr.**: BW 219 D-5: 50/48 %, BW 219 PD-5: 52/50 %

#### Drive
- **Engine manufacturer**: Deutz
- **Type**: TCD 6.1 L6
- **Emission stage**: Stage V / TIER4f
- **Exhaust gas aftertreatment**: DOC+DPF+SCR
- **Cooling**: Liquid
- **Number of cylinders**: 6
- **Performance ISO 3046**: kW 150,0
- **Performance SAE J 1995**: hp 202,0
- **Speed**: min⁻¹ 2,300
- **Fuel**: Diesel
- **Electric equipment**: V 12
- **Drive system**: hydrost.
- **Drum driven**: standard

#### Drums and Tyres
- **Number of pad feet**: 150
- **Area of one pad foot**: cm² 137
- **Height of pad feet**: mm 100
- **Tyre size**: mm 23.1-26 12PR

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

#### Steering
- **Steering system**: oscill.artic.
- **Steering method**: hydrost.
- **Steering / oscillating angle +/-**: grad 35/12

#### Exciter system
- **Drive system**: hydrost.
- **Frequency**: Hz 26/31
- **Amplitude**: mm 2,10/1,20
- **Centrifugal force**: kN 328/266
- **Centrifugal force**: t 33,5/27,1

#### Capacities
- **Fuel**: l 280,0

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Technical modifications reserved. Machines may be shown with options.
**Standard Equipment**
- BOMAG ECOMODE
- Self locking differential
- Rear axle with twin spring accumulator brakes
- Hydrostatic travel and vibration drive
- Hydrostatic articulated steering
- Articulated joint lock
- Seat with arm rest and adj. for position and height
- Sliding window
- Battery disconnect switch
- Single lever control for travel and vibration
- Warning, information and operation displays with LCD
- Loading mode
- Emergency STOP
- Working lights front / rear
- Back-up alarm
- Noise insulation
- 2 Scrapers
- Warning horn

**Optional Equipment**
- * ROPS/FOPS cabin with seat belts
  - Sliding window
- Rearview camera
- Air condition
- Radio (Bluetooth)
- Pre start cabin heating
- Comfort package: Adjustable seat and adjustable steering column
- Rotary beacon
- Indicator and hazard lights
- BOMAG ECOSTOP
- ECONOMIZER
- TERRAMETER
- BOMAG TELEMATIC POWER
- BCM 05 Documentation system
- Special painting
- Padfoot segment kit (D)
- Environmentally compliant hydraulic oil
- Measuring- and machine data interface for third-party suppliers
- Reversing alarm buzzer with broad band audio
- LED Working lights (Cabin)
- Highly wear resistant drum (D)

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