TECHNICAL DATA

SINGLE DRUM ROLLERS
BW 219 D-4, BW 219 PD-4
### Dimensions in mm

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>D</th>
<th>H</th>
<th>H2</th>
<th>K</th>
<th>L</th>
<th>O1</th>
<th>O2</th>
<th>S</th>
<th>W</th>
</tr>
</thead>
<tbody>
<tr>
<td>BW 219 D-4</td>
<td>3255</td>
<td>2300</td>
<td>1600</td>
<td>2290</td>
<td>3025</td>
<td>450</td>
<td>6340</td>
<td>85</td>
<td>85</td>
<td>40</td>
<td>2130</td>
</tr>
<tr>
<td>BW 219 PD-4</td>
<td>3255</td>
<td>2300</td>
<td>1500</td>
<td>2290</td>
<td>3025</td>
<td>450</td>
<td>6340</td>
<td>85</td>
<td>85</td>
<td>35</td>
<td>2130</td>
</tr>
</tbody>
</table>

### Shipping dimensions in m³

<table>
<thead>
<tr>
<th></th>
<th>without ROPS</th>
<th>with ROPS</th>
</tr>
</thead>
<tbody>
<tr>
<td>BW 219 D-4</td>
<td>33,393</td>
<td>44,111</td>
</tr>
<tr>
<td>BW 219 PD-4</td>
<td>33,393</td>
<td>44,111</td>
</tr>
</tbody>
</table>

### Machine type

<table>
<thead>
<tr>
<th></th>
<th>Compaction output (m³/h)</th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Rock fill</td>
<td>Gravel, sand</td>
<td>Mixed soil</td>
<td>Silt, clay</td>
</tr>
<tr>
<td>BW 219 D-4</td>
<td>940-1880</td>
<td>700-1400</td>
<td>560-960</td>
<td>250-500</td>
</tr>
<tr>
<td>BW 219 PD-4</td>
<td>940-1880</td>
<td>700-1400</td>
<td>560-960</td>
<td>280-560</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>Compacted layer thickness (m)</th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Rock fill</td>
<td>Gravel, sand</td>
<td>Mixed soil</td>
<td>Silt, clay</td>
</tr>
<tr>
<td>BW 219 D-4</td>
<td>1,40</td>
<td>1,00</td>
<td>0,70</td>
<td>0,30</td>
</tr>
<tr>
<td>BW 219 PD-4</td>
<td>1,40</td>
<td>1,00</td>
<td>0,70</td>
<td>0,30</td>
</tr>
</tbody>
</table>
### Technical Data

#### BOMAG BW 219 D-4

**Weights**
- Grossweight: 20,780 kg
- Operating weight CECE w. ROPS-cabin: 19,050 kg
- Axle load, drum CECE: 12,800 kg
- Axle load, wheels CECE: 6,250 kg
- Static linear load CECE: 60,1 kg/cm

**Dimensions**
- Working width: 2,130 mm
- Track radius, inner: 3,890 mm

**Driving Characteristics**
- Speed (1): 0-3,0 km/h
- Speed (2): 0-4,0 km/h
- Speed (3): 0-7,0 km/h
- Speed (4): 0-11,0 km/h
- Max. gradeability without/with vibr.: 50/48 %

**Drive**
- Engine manufacturer: Deutz
- Type: TCD 2012 L06
- Emission stage: Stage IIIa / TIER3
- Cooling: water
- Number of cylinders: 6
- Performance ISO 3046: 150,0 kW
- Performance SAE J 1995: 201,0 hp
- Speed: 2,200 min-1
- Fuel: Diesel
- Electric equipment: hydromec.
- Drive system: standard

**Drums and Tyres**
- Number of pad feet: 150
- Area of one pad foot: 137 cm²
- Height of pad feet: 100 mm
- Tyre size: 23,1-26/12PR

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

**Steering**
- Steering system: oscil.artic.
- Steering method: hydrom.
- Steering / oscillating angle +/-: 35/12 grad

**Exciter system**
- Drive system: hydrom.
- Frequency: 26/31 Hz
- Amplitude: 2,00/1,10 mm
- Centrifugal force: 314/240 kN
- Centrifugal force: 32,0/24,5 t

**Capacities**
- Fuel: 340,0 l

**BOMAG BW 219 PD-4**

**Weights**
- Grossweight: 19,540 kg
- Operating weight CECE w. ROPS-cabin: 19,390 kg
- Axle load, drum CECE: 13,140 kg
- Axle load, wheels CECE: 6,250 kg
- Static linear load CECE: 60,1 kg/cm

**Dimensions**
- Working width: 2,130 mm
- Track radius, inner: 3,890 mm

**Driving Characteristics**
- Speed (1): 0-3,0 km/h
- Speed (2): 0-4,0 km/h
- Speed (3): 0-7,0 km/h
- Speed (4): 0-11,0 km/h
- Max. gradeability without/with vibr.: 52/50 %

**Drive**
- Engine manufacturer: Deutz
- Type: TCD 2012 L06
- Emission stage: Stage IIIa / TIER3
- Cooling: water
- Number of cylinders: 6
- Performance ISO 3046: 150,0 kW
- Performance SAE J 1995: 201,0 hp
- Speed: 2,200 min-1
- Fuel: Diesel
- Electric equipment: hydromec.
- Drive system: standard

**Drums and Tyres**
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- Centrifugal force: 314/240 kN
- Centrifugal force: 32,0/24,5 t

**Capacities**
- Fuel: 340,0 l

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

- Warning, information and operation displays with round gauge
- Hydrostatic travel and vibration drive
- Hydrostatic articulated steering
- Articulated joint lock
- Rear axle with twin spring accumulator brakes
- Self locking differential
- Warning horn
- Single lever control for travel and vibration
- Shock-mounted swivel seat, adjustable in height and length (Cabin)
- Contact scrapers (D:Plastic)
- Scrapers (PD:Steel)
- Emergency STOP
- Noise insulation
- Back-up warning system

Optional Equipment

- ROPS/FOPS cabin with seat belts
- Working lights front/rear
- ROPS with safety belt
- Rotary beacon
- Indicator and hazard lights
- Contact scrapers (D:Steel)
- BOMAG Evib-Meter (BEM)
- TERRAMETER BTM prof
- BCM 05 Documentation system
- Special painting
- Environmentally compliant hydraulic oil
- Air condition
- Sun roof
- Warning, information and operation displays
- Padfoot segment kit (D)
- Radio (Bluetooth)
- Protective ventilation system