TECHNICAL DATA

SINGLE DRUM ROLLERS
BW 211 DH-5, BW 211 PDH-5
### Dimensions in mm

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>D</th>
<th>H</th>
<th>H2</th>
<th>K</th>
<th>L</th>
<th>O1</th>
<th>O2</th>
<th>S</th>
<th>W</th>
</tr>
</thead>
<tbody>
<tr>
<td>BW 211 DH-5</td>
<td>2975</td>
<td>2270</td>
<td>1500</td>
<td>2260</td>
<td>2990</td>
<td>490</td>
<td>5870</td>
<td>70</td>
<td>70</td>
<td>25</td>
<td>2130</td>
</tr>
<tr>
<td>BW 211 PDH-5</td>
<td>2975</td>
<td>2270</td>
<td>1480</td>
<td>2260</td>
<td>2990</td>
<td>490</td>
<td>5870</td>
<td>70</td>
<td>70</td>
<td>25</td>
<td>2130</td>
</tr>
</tbody>
</table>

### Shipping dimensions in m³

<table>
<thead>
<tr>
<th></th>
<th>without ROPS</th>
<th>with ROPS</th>
</tr>
</thead>
<tbody>
<tr>
<td>BW 211 DH-5</td>
<td>30,114</td>
<td>39,841</td>
</tr>
<tr>
<td>BW 211 PDH-5</td>
<td>30,114</td>
<td>39,841</td>
</tr>
</tbody>
</table>

### Machine type

<table>
<thead>
<tr>
<th>Machine type</th>
<th>Compaction output (m³/h)</th>
<th>Mixed soil</th>
<th>Silt, clay</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Rock fill</td>
<td>Gravel, sand</td>
<td></td>
</tr>
<tr>
<td>BW 211 DH-5</td>
<td>450-950</td>
<td>330-620</td>
<td>260-490</td>
</tr>
<tr>
<td>BW 211 PDH-5</td>
<td>450-910</td>
<td>330-620</td>
<td>260-490</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Machine type</th>
<th>Compacted layer thickness (m)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Rock fill</td>
</tr>
<tr>
<td>BW 211 DH-5</td>
<td>0,70</td>
</tr>
<tr>
<td>BW 211 PDH-5</td>
<td>0,70</td>
</tr>
</tbody>
</table>
## Technical Data

### BOMAG BW 211 DH-5

#### Weights
- Grossweight: 13,870 kg
- Operating weight CECE w. ROPS-cabin: 10,890 kg
- Axle load, drum CECE: 5,880 kg
- Axle load, wheels CECE: 5,010 kg
- Static linear load CECE: 27.6 kg/cm

#### Dimensions
- Working width: 2,130 mm
- Track radius, inner: 3,680 mm

#### Driving Characteristics
- Speed: 0-12.0 km/h
- Max. gradeability without/with vibr.: 60/58%

#### Drive
- Engine manufacturer: Deutz
- Type: TCD 3.6 L4
- Emission stage: Stage IV / TIER4f
- Exhaust gas aftertreatment: DOC+SCR
- Cooling: Liquid
- Number of cylinders: 4
- Performance ISO 3046: 95,0 kW
- Performance SAE J 1995: 128,0 hp
- Speed: 2,000 min-1
- Fuel: Diesel
- Electric equipment: hydrost.
- 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: hydrost.
- Parking brake: hydromec.

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

#### Exciter system
- Drive system: hydrost.
- Frequency: 30/34 Hz
- Amplitude: 1,90/1,00 mm
- Centrifugal force: 240/162 kN
- Centrifugal force: 24,5/16,5 t

#### Capacities
- Fuel: 220,0 l

### BOMAG BW 211 PDH-5

#### Weights
- Grossweight: 13,900 kg
- Operating weight CECE w. ROPS-cabin: 12,560 kg
- Axle load, drum CECE: 7,420 kg
- Axle load, wheels CECE: 5,140 kg
- Static linear load CECE: 27.6 kg/cm

#### Dimensions
- Working width: 2,130 mm
- Track radius, inner: 3,680 mm

#### Driving Characteristics
- Speed: 0-12.0 km/h
- Max. gradeability without/with vibr.: 62/60%

#### Drive
- Engine manufacturer: Deutz
- Type: TCD 3.6 L4
- Emission stage: Stage IV / TIER4f
- Exhaust gas aftertreatment: DOC+SCR
- Cooling: Liquid
- Number of cylinders: 4
- Performance ISO 3046: 95,0 kW
- Performance SAE J 1995: 128,0 hp
- Speed: 2,000 min-1
- Fuel: Diesel
- Electric equipment: hydrost.
- 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: hydrost.
- Parking brake: hydromec.

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

#### Capacities
- Fuel: 220,0 l

*Technical modifications reserved. Machines may be shown with options.*
Standard Equipment
- BOMAG ECOMODE
- Double pump system for travel drive
- No-Spin differential lock
- Rear axle with twin spring accumulator brakes
- Hydrostatic travel and vibration drive
- Hydrostatic articulated steering
- Articulated joint lock
- Seat with arm rest and adj. for position and height
- Sliding window
- Battery disconnect switch
- Single lever control for travel and vibration
- Warning, information and operation displays with LCD
- Loading mode
- Emergency STOP
- Working lights front / rear
- Back-up alarm
- Noise insulation
- 2 Scrapers
- Warning horn
- Tractor tires (PDH)

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

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