TECHNICAL DATA

SINGLE DRUM ROLLERS
BW 211 D-40, BW 211 PD-40
Dimensions in mm

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>D</th>
<th>H</th>
<th>H2</th>
<th>K</th>
<th>L</th>
<th>O1</th>
<th>O2</th>
<th>S</th>
<th>W</th>
</tr>
</thead>
<tbody>
<tr>
<td>BW 211 D-40</td>
<td>2960</td>
<td>2250</td>
<td>1500</td>
<td>2268</td>
<td>2985</td>
<td>490</td>
<td>5840</td>
<td>60</td>
<td>60</td>
<td>25</td>
<td>2130</td>
</tr>
<tr>
<td>BW 211 PD-40</td>
<td>2960</td>
<td>2250</td>
<td>1480</td>
<td>2268</td>
<td>2985</td>
<td>490</td>
<td>5840</td>
<td>60</td>
<td>60</td>
<td>25</td>
<td>2130</td>
</tr>
</tbody>
</table>

Shipping dimensions in m³

<table>
<thead>
<tr>
<th></th>
<th>without ROPS</th>
<th>with ROPS</th>
</tr>
</thead>
<tbody>
<tr>
<td>BW 211 D-40</td>
<td>29.802</td>
<td>39.223</td>
</tr>
<tr>
<td>BW 211 PD-40</td>
<td>29.802</td>
<td>39.223</td>
</tr>
</tbody>
</table>

Machine type | Compaction output (m³/h)
------------|-------------------
             | Rock fill | Gravel, sand | Mixed soil | Silt, clay |
BW 211 D-40  | 400-800    | 270-540      | 220-440    | 110-220    |
BW 211 PD-40 | 400-800    | 270-540      | 220-440    | 160-320    |

Machine type | Compacted layer thickness (m)
----------------|-------------------
              | Rock fill | Gravel, sand | Mixed soil | Silt, clay |
BW 211 D-40  | 0.70      | 0.50         | 0.40       | 0.20       |
BW 211 PD-40 | 0.70      | 0.50         | 0.40       | 0.25       |
## Technical Data

### Weights

<table>
<thead>
<tr>
<th></th>
<th>BOMAG BW 211 D-40</th>
<th>BOMAG BW 211 PD-40</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grossweight</td>
<td>13,000 kg</td>
<td>12,620 kg</td>
</tr>
<tr>
<td>Max. axle load, drum</td>
<td>8,050 kg</td>
<td>7,670 kg</td>
</tr>
<tr>
<td>Max. axle load, wheels</td>
<td>4,950 kg</td>
<td>4,950 kg</td>
</tr>
<tr>
<td>Operating weight</td>
<td>9,500 kg</td>
<td>11,350 kg</td>
</tr>
<tr>
<td>Axle load, drum</td>
<td>5,750 kg</td>
<td>6,750 kg</td>
</tr>
<tr>
<td>Axle load, wheels</td>
<td>3,750 kg</td>
<td>4,600 kg</td>
</tr>
<tr>
<td>Static linear load</td>
<td>27,0 kg/cm</td>
<td>37,8 kg/cm</td>
</tr>
</tbody>
</table>

### Dimensions

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Working width</td>
<td>2,130 mm</td>
<td>2,130 mm</td>
</tr>
<tr>
<td>Track radius, inner</td>
<td>3,494 mm</td>
<td>3,494 mm</td>
</tr>
</tbody>
</table>

### Driving Characteristics

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Speed (1)</td>
<td>0-6,0 km/h</td>
<td>0-6,0 km/h</td>
</tr>
<tr>
<td>Speed (2)</td>
<td>0-10,0 km/h</td>
<td>0-10,0 km/h</td>
</tr>
<tr>
<td>Max. gradeability</td>
<td>45/43 %</td>
<td>49/46 %</td>
</tr>
</tbody>
</table>

### Drive

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>Engine manufacturer</td>
<td>Deutz</td>
<td>Deutz</td>
</tr>
<tr>
<td>Type</td>
<td>BF4M 2012 C</td>
<td>BF4M 2012 C</td>
</tr>
<tr>
<td>Emission stage</td>
<td>Stage II / TIER2</td>
<td>Stage II / TIER2</td>
</tr>
<tr>
<td>Cooling</td>
<td>Liquid</td>
<td>Liquid</td>
</tr>
<tr>
<td>Number of cylinders</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Performance ISO 3046</td>
<td>98,0 kW</td>
<td>98,0 kW</td>
</tr>
<tr>
<td>Performance SAE J 1995</td>
<td>132,0 hp</td>
<td>132,0 hp</td>
</tr>
<tr>
<td>Speed</td>
<td>2,300 min-1</td>
<td>2,300 min-1</td>
</tr>
<tr>
<td>Fuel</td>
<td>Diesel</td>
<td>Diesel</td>
</tr>
<tr>
<td>Electric equipment</td>
<td>V</td>
<td>12</td>
</tr>
<tr>
<td>Drive system</td>
<td>hydros.</td>
<td>hydros.</td>
</tr>
<tr>
<td>Drum driven</td>
<td>standard</td>
<td>standard</td>
</tr>
</tbody>
</table>

### Drums and Tyres

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
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</thead>
<tbody>
<tr>
<td>Tyre size</td>
<td>23.1-26/12PR</td>
<td>23.1-26/12PR</td>
</tr>
<tr>
<td>Number of pad feet</td>
<td>150</td>
<td></td>
</tr>
<tr>
<td>Height of pad feet</td>
<td></td>
<td>100</td>
</tr>
<tr>
<td>Area of one pad foot</td>
<td>cm2</td>
<td>137</td>
</tr>
</tbody>
</table>

### Brakes

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>Service brake</td>
<td>hydros.</td>
<td>hydros.</td>
</tr>
<tr>
<td>Parking brake</td>
<td>hydromec.</td>
<td>hydromec.</td>
</tr>
</tbody>
</table>

### Steering

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>Steering system</td>
<td>oscil.artic.</td>
<td>oscil.artic.</td>
</tr>
<tr>
<td>Steering method</td>
<td>hydros.</td>
<td>hydros.</td>
</tr>
<tr>
<td>Steering / oscillating</td>
<td>35/12 grad</td>
<td>35/12 grad</td>
</tr>
</tbody>
</table>

### Exciter system

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>Drive system</td>
<td>hydros.</td>
<td>hydros.</td>
</tr>
<tr>
<td>Frequency</td>
<td>30/36 Hz</td>
<td>30/36 Hz</td>
</tr>
<tr>
<td>Amplitude</td>
<td>1,80/0,95 mm</td>
<td>1,70/0,86</td>
</tr>
<tr>
<td>Centrifugal force</td>
<td>236/170 kN</td>
<td>275/202 kN</td>
</tr>
<tr>
<td>Centrifugal force</td>
<td>24,1/17,3 t</td>
<td>28,1/20,6 t</td>
</tr>
</tbody>
</table>

### Capacities

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Fuel</td>
<td>250,0 l</td>
<td>250,0 l</td>
</tr>
</tbody>
</table>

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
- Scrapers
- Emergency STOP
- Back-up warning system
- Operator seat
- Maintenance-free articulated joint

Optional Equipment

- ROPS/FOPS cabin with seat belts
- Working lights front / rear
- ROPS/FOPS with safety belt
- Rotary beacon
- Padfoot segment kit (D)
- Contact scrapers (2x)
- ECONOMIZER
- BOMAG Evib-Meter (BEM)
- Special painting
- Air condition
- Ballast front (700kg)
- Sun roof
- Radio (Bluetooth)
- BOMAP
- Indicator and hazard lights