TECHNICAL DATA

BOMAG VARIOCONTROL (BVC)
BW 219 BVC-5
Dimensions in mm

<table>
<thead>
<tr>
<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>3255</td>
<td>2300</td>
<td>1600</td>
<td>2300</td>
<td>3040</td>
<td>495</td>
<td>6500</td>
<td>85</td>
<td>85</td>
<td>40</td>
<td>2130</td>
</tr>
</tbody>
</table>

Shipping dimensions in m³

<table>
<thead>
<tr>
<th>Machine type</th>
<th>Compaction output (m³/h)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Rock fill</td>
</tr>
<tr>
<td>BW 219 BVC-5</td>
<td>940-1880</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Machine type</th>
<th>Compacted layer thickness (m)</th>
</tr>
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<tbody>
<tr>
<td></td>
<td>Rock fill</td>
</tr>
<tr>
<td>BW 219 BVC-5</td>
<td>1.70</td>
</tr>
</tbody>
</table>
### Technical Data

#### Weights

- **Grossweight**: 23,000 kg
- **Operating weight CECE w. ROPS-cabin**: 20,300 kg
- **Axle load, drum CECE**: 13,500 kg
- **Axle load, wheels CECE**: 6,800 kg
- **Static linear load CECE**: 63,4 kg/cm

#### Dimensions

- **Working width**: 2,130 mm
- **Track radius, inner**: 4,120 mm

#### Driving Characteristics

- **Speed**: 0-10,0 km/h
- **Max. gradeability without/with vibr.**: 59/56%

#### 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**: 150,0 kW
- **Performance SAE J 1995**: 202,0 hp
- **Speed**: 2,300 min-1
- **Fuel**: Diesel
- **Electric equipment**: 12 V
- **Drive system**: hydromec.
- **Drum driven**: standard

#### Drums and Tyres

- **Tyre size**: 23,1-26 12PR

#### Brakes

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

#### Steering

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

#### Exciter system

- **Drive system**: hydromec.
- **Frequency**: 26 Hz
- **Amplitude (1)**: 0 - 2,70 mm
- **Centrifugal force**: 500 kN
- **Centrifugal force**: 51,0 t

#### Capacities

- **Fuel**: 280,0 l

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

- BOMAG ECOMODE
- BOMAG VARIOCONTROL
- TERRAMETER
- Oscillation mode
- Warning, information and operation displays with LCD
- Noise insulation
- 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
- Seat with arm rest and adj. for position and height
- 2 Scrapers
- Emergency STOP
- Back-up alarm
- Working lights front / rear
- Double pump system for travel drive
- Loading mode
- Sliding window
- Battery disconnect switch
- BOMAG TELEMATIC POWER

**Optional Equipment**

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

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