TECHNICAL DATA

SINGLE DRUM ROLLERS
BW 213 D-5, BW 213 DH-5, BW 213 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 213 D-5</td>
<td>2975</td>
<td>2270</td>
<td>1500</td>
<td>2250</td>
<td>2990</td>
<td>490</td>
<td>5875</td>
<td>70</td>
<td>70</td>
<td>30</td>
<td>2130</td>
</tr>
<tr>
<td>BW 213 DH-5</td>
<td>2975</td>
<td>2270</td>
<td>1500</td>
<td>2250</td>
<td>2990</td>
<td>490</td>
<td>5870</td>
<td>70</td>
<td>70</td>
<td>30</td>
<td>2130</td>
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<tr>
<td>BW 213 PDH-5</td>
<td>2975</td>
<td>2270</td>
<td>1480</td>
<td>2250</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 213 D-5</td>
<td>30,007</td>
<td>39,875</td>
</tr>
<tr>
<td>BW 213 DH-5</td>
<td>29,981</td>
<td>39,841</td>
</tr>
<tr>
<td>BW 213 PDH-5</td>
<td>29,981</td>
<td>39,841</td>
</tr>
</tbody>
</table>

Machine type | Compaction output (m3/h)
---|---
|       | Rock fill | Gravel, sand | Mixed soil | Silt, clay |
BW 213 D-5 | 470-940 | 300-600 | 240-480 | 120-240 |
BW 213 DH-5 | 530-1060 | 360-720 | 270-540 | 180-360 |
BW 213 PDH-5 | 530-1060 | 360-720 | 270-540 | 210-420 |

Machine type | Compacted layer thickness (m)
---|---
|       | Rock fill | Gravel, sand | Mixed soil | Silt, clay |
BW 213 D-5 | 0.80 | 0.50 | 0.40 | 0.20 |
BW 213 DH-5 | 0.80 | 0.50 | 0.40 | 0.25 |
BW 213 PDH-5 | 0.90 | 0.60 | 0.50 | 0.30 |
# Technical Data

## BOMAG

**BW 213 D-5**

###Weights
- Grossweight: 14,800 kg
- Operating weight CECE w. ROPS-cabin: 12,600 kg
- Axle load, drum CECE: 7,550 kg
- Axle load, wheels CECE: 5,050 kg
- Static linear load CECE: 35,4 kg/cm

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

###Driving Characteristics
- Speed (1): 0-5,0 km/h
- Speed (2): 0-6,0 km/h
- Speed (3): 0-8,0 km/h
- Speed (4): 0-11,0 km/h
- Max. gradeability without/with vibr.: 45/43 %

###Drive
- Engine manufacturer: Deutz
- Type: TCD 2012 L04 2V
- Emission stage: Stage Illa / TIER3
- Number of cylinders: 4
- Performance ISO 3046: 103,0 kW
- Performance SAE J 1995: 140,0 hp
- Speed: 2,400 min-1
- Fuel: Diesel
- Drive system: hydrost.

###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: 2,10/1,10 mm
- Centrifugal force: 285/194 kN
- Centrifugal force: 29,120,0 t

###Capacities
- Fuel: 220,0 l

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## BOMAG

**BW 213 DH-5**

###Weights
- Grossweight: 15,670 kg
- Operating weight CECE w. ROPS-cabin: 12,720 kg
- Axle load, drum CECE: 7,560 kg
- Axle load, wheels CECE: 5,160 kg
- Static linear load CECE: 35,5 kg/cm

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

###Driving Characteristics
- Speed (1): 0-12,0 km/h
- Speed (2): 0-12,0 km/h
- Max. gradeability without/with vibr.: 60/57 %

###Drive
- Engine manufacturer: Deutz
- Type: TCD 2012 L04 2V
- Emission stage: Stage Illa / TIER3
- Number of cylinders: 4
- Performance ISO 3046: 103,0 kW
- Performance SAE J 1995: 140,0 hp
- Speed: 2,400 min-1
- Fuel: Diesel
- Drive system: hydrost.

###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: 2,10/1,10 mm
- Centrifugal force: 285/194 kN
- Centrifugal force: 29,120,0 t

###Capacities
- Fuel: 220,0 l

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## BOMAG

**BW 213 PDH-5**

###Weights
- Grossweight: 14,740 kg
- Operating weight CECE w. ROPS-cabin: 13,830 kg
- Axle load, drum CECE: 8,670 kg
- Axle load, wheels CECE: 5,160 kg
- Static linear load CECE: 35,5 kg/cm

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

###Driving Characteristics
- Speed (1): 0-12,0 km/h
- Speed (2): 0-12,0 km/h
- Max. gradeability without/with vibr.: 62/60 %

###Drive
- Engine manufacturer: Deutz
- Type: TCD 2012 L04 2V
- Emission stage: Stage Illa / TIER3
- Number of cylinders: 4
- Performance ISO 3046: 103,0 kW
- Performance SAE J 1995: 140,0 hp
- Speed: 2,400 min-1
- Fuel: Diesel
- Drive system: hydrost.

###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: 2,10/1,10 mm
- Centrifugal force: 285/194 kN
- Centrifugal force: 29,120,0 t

###Capacities
- Fuel: 220,0 l

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Technical modifications reserved. Machines may be shown with options.
**Standard Equipment**
- BOMAG ECOMODE
- 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
- No-Spin differential lock
- 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 (DH/PDH)
- Tractor tires (PD)
- Loading mode
- Sliding window
- Battery disconnect switch

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