

**SINGLE DRUM VIBRATORY ROLLERS
BW 211 D-4, BW 211 PD-4**

PERFORMANCE DATA

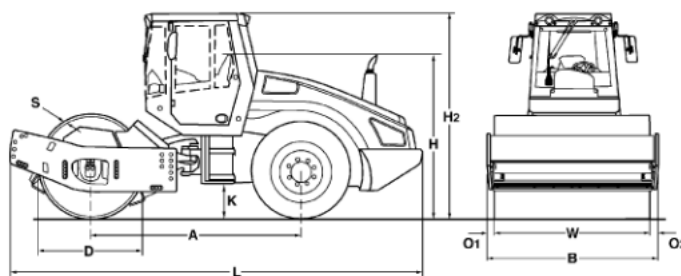


| Machine type | Compaction output (m ³ /h) | | | |
|--------------|---------------------------------------|--------------|------------|------------|
| | Rock fill | Gravel, sand | Mixed soil | Silt, clay |
| BW 211 D-4 | 400-800 | 270-540 | 220-440 | 110-220 |
| BW 211 PD-4 | 400-800 | 270-540 | 220-440 | 160-320 |

| Machine type | Compacted layer thickness (m) | | | |
|--------------|-------------------------------|--------------|------------|------------|
| | Rock fill | Gravel, sand | Mixed soil | Silt, clay |
| BW 211 D-4 | 0,70 | 0,50 | 0,40 | 0,20 |
| BW 211 PD-4 | 0,70 | 0,50 | 0,40 | 0,25 |

Technical Data

| Shipping dimensions in m3 | without ROPS | with ROPS |
|---------------------------|--------------|-----------|
| BW 211 D-4 | 29,638 | 39,008 |
| BW 211 PD-4 | 29,638 | 39,008 |



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
- No-Spin differential lock
- Warning horn
- Single lever control for travel and vibration
- Contact scrapers (D:Plastic)
- Scrapers (PD:Steel)
- Emergency STOP
- Back-up warning system
- Noise insulation

Optional Equipment

- * ROPS/FOPS cabin with seat belts
- * Working lights front/rear
- ROPS/FOPS with safety belt
- Rotary beacon
- Indicator and hazard lights
- Padfoot segment kit (D)
- Contact scrapers (D:Steel)
- BOMAG Evib-Meter (BEM)
- TERRAMETER BTM prof
- BCM 05 Documentation system
- Special painting
- Environmentally compliant hydraulic oil
- Air condition
- Ballast front (720kg)
- Ballast rear (800kg)
- Sun roof
- Warning, information and operation displays
- Radio (Bluetooth)
- Protective ventilation system
- Adjustable steering column
- Shock-mounted swivel seat, adjustable in height and length

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

Dimensions in mm

| | A | B | D | H | H2 | K | L | O1 | O2 | S | W |
|-------------|------|------|------|------|------|-----|------|----|----|----|------|
| BW 211 D-4 | 2960 | 2250 | 1500 | 2268 | 2985 | 490 | 5808 | 60 | 60 | 25 | 2130 |
| BW 211 PD-4 | 2960 | 2250 | 1480 | 2268 | 2985 | 490 | 5808 | 60 | 60 | 25 | 2130 |

Technical Data

Weights

| | kg | BOMAG BW 211 D-4 | BOMAG BW 211 PD-4 |
|-------------------------------------|-------|------------------|-------------------|
| Grossweight | kg | 13.790 | 13.500 |
| Operating weight CECE w. ROPS-cabin | kg | 10.950 | 12.660 |
| Axle load, drum CECE | kg | 6.380 | 7.360 |
| Axle load, wheels CECE | kg | 4.570 | 5.300 |
| Static linear load CECE | kg/cm | 30,0 | |

Dimensions

| | mm | BOMAG BW 211 D-4 | BOMAG BW 211 PD-4 |
|---------------------|----|------------------|-------------------|
| Working width | mm | 2.130 | 2.130 |
| Track radius, inner | mm | 3.494 | 3.494 |

Driving Characteristics

| | km/h | BOMAG BW 211 D-4 | BOMAG BW 211 PD-4 |
|--------------------------------------|------|------------------|-------------------|
| Speed (1) | km/h | 0- 6,0 | 0- 6,0 |
| Speed (2) | km/h | 0- 7,0 | 0- 7,0 |
| Speed (3) | km/h | 0- 8,0 | 0- 8,0 |
| Speed (4) | km/h | 0- 12,0 | 0- 12,0 |
| Max. gradeability without/with vibr. | % | 50/47 | 53/50 |

Drive

| | | BOMAG BW 211 D-4 | BOMAG BW 211 PD-4 |
|------------------------|-------|-------------------|-------------------|
| Engine manufacturer | | Deutz | Deutz |
| Type | | TCD 2013 L04 | TCD 2013 L04 |
| Emission stage | | 3a/3 | 3a/3 |
| Cooling | | water | water |
| Number of cylinders | | 4 | 4 |
| Performance ISO 3046 | kW | 99,0 | 99,0 |
| Performance SAE J 1995 | hp | 133,0 | 133,0 |
| Speed | min-1 | 2.200 | 2.200 |
| Fuel | | diesel | diesel |
| Electric equipment | V | 12 | 12 |
| Drive system | | hydrost. standard | hydrost. standard |
| Drum driven | | | |

Drums and Tyres

| | | BOMAG BW 211 D-4 | BOMAG BW 211 PD-4 |
|----------------------|-----|------------------|-------------------|
| Tyre size | | 23.1-26/12PR | 23.1-26/12PR |
| Number of pad feet | | | 150 |
| Height of pad feet | mm | | 100 |
| Area of one pad foot | cm2 | | 137 |

Brakes

| | | BOMAG BW 211 D-4 | BOMAG BW 211 PD-4 |
|---------------|--|------------------|-------------------|
| Service brake | | hydrost. | hydrost. |
| Parking brake | | hydromec. | hydromec. |

Steering

| | | BOMAG BW 211 D-4 | BOMAG BW 211 PD-4 |
|----------------------------------|------|------------------|-------------------|
| Steering system | | oscil.artic. | oscil.artic. |
| Steering method | | hydrost. | hydrost. |
| Steering / oscillating angle +/- | grad | 35/12 | 35/12 |

Exciter system

| | | BOMAG BW 211 D-4 | BOMAG BW 211 PD-4 |
|-------------------|----|------------------|-------------------|
| Drive system | | hydrost. | hydrost. |
| Frequency | Hz | 30/36 | 30/36 |
| Amplitude | mm | 1,80/0,95 | 1,70/0,86 |
| Centrifugal force | kN | 240/125 | 275/202 |
| Centrifugal force | t | 24,5/12,8 | 28,1/20,6 |

Capacities

| | l | BOMAG BW 211 D-4 | BOMAG BW 211 PD-4 |
|------|---|------------------|-------------------|
| Fuel | l | 340,0 | 340,0 |

Technical modifications reserved. Machines may be shown with options.



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