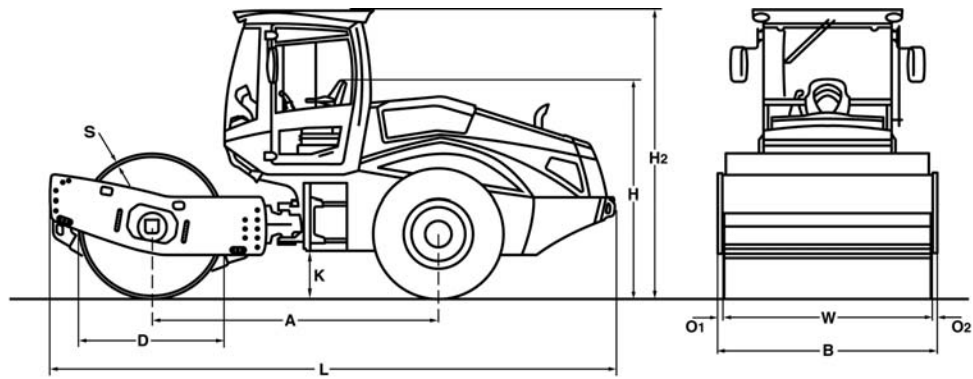


# TECHNICAL DATA

SINGLE DRUM ROLLERS

BW 211 D-5, BW 211 PD-5





#### Dimensions in in

|                    | A     | B    | D    | H    | H2    | K    | L     | O1  | O2  | S   | W    |
|--------------------|-------|------|------|------|-------|------|-------|-----|-----|-----|------|
| <b>BW 211 D-5</b>  | 117.1 | 89.4 | 59.1 | 89.0 | 117.7 | 19.3 | 231.1 | 2.8 | 2.8 | 1.0 | 83.9 |
| <b>BW 211 PD-5</b> | 117.1 | 89.4 | 58.3 | 89.0 | 117.7 | 19.3 | 231.1 | 2.8 | 2.8 | 1.0 | 83.9 |

#### Shipping dimensions in cub.yd

**BW 211 D-5**  
**BW 211 PD-5**

#### without ROPS

39,405  
39,405

#### with ROPS

52,112  
52,112

| Machine type | Compaction output (cub.yd/h) |              |             |             |
|--------------|------------------------------|--------------|-------------|-------------|
|              | Rock fill                    | Gravel, sand | Mixed soil  | Silt, clay  |
| BW 211 D-5   | 523.2-1046.4                 | 353.1-706.3  | 287.7-575.5 | 143.9-287.7 |
| BW 211 PD-5  | 523.2-1046.4                 | 353.1-706.3  | 287.7-575.5 | 209.3-418.5 |

| Machine type | Compacted layer thickness (in) |              |            |            |
|--------------|--------------------------------|--------------|------------|------------|
|              | Rock fill                      | Gravel, sand | Mixed soil | Silt, clay |
| BW 211 D-5   | 27.6                           | 19.7         | 15.7       | 7.9        |
| BW 211 PD-5  | 27.6                           | 19.7         | 15.7       | 9.8        |

## Technical Data

## BOMAG BW 211 D-5

## BOMAG BW 211 PD-5

### Weights

|                                           |       |        |        |
|-------------------------------------------|-------|--------|--------|
| Grossweight .....                         | lb    | 28,418 | 28,109 |
| Operating weight CECE w. ROPS-cabin ..... | lb    | 23,369 | 26,676 |
| Axle load, drum CECE .....                | lb    | 12,500 | 15,807 |
| Axle load, wheels CECE .....              | lb    | 10,869 | 10,869 |
| Static linear load CECE .....             | lb/in | 149.1  |        |

### Dimensions

|                           |    |       |       |
|---------------------------|----|-------|-------|
| Working width .....       | in | 83.9  | 83.9  |
| Track radius, inner ..... | in | 144.9 | 144.9 |

### Driving Characteristics

|                                           |     |        |        |
|-------------------------------------------|-----|--------|--------|
| Speed (1) .....                           | mph | 0- 3.1 | 0- 3.1 |
| Speed (2) .....                           | mph | 0- 3.7 | 0- 3.7 |
| Speed (3) .....                           | mph | 0- 5.0 | 0- 5.0 |
| Speed (4) .....                           | mph | 0- 6.8 | 0- 6.8 |
| Max. gradeability without/with vibr. .... | %   | 51/48  | 54/51  |

### Drive

|                              |       |            |            |
|------------------------------|-------|------------|------------|
| Engine manufacturer .....    |       | Deutz      | Deutz      |
| Type .....                   |       | TCD 3.6 L4 | TCD 3.6 L4 |
| Emission stage .....         |       | 4/4        | 4/4        |
| Cooling .....                |       | Liquid     | Liquid     |
| Number of cylinders .....    |       | 4          | 4          |
| Performance ISO 3046 .....   | hp    | 127.4      | 127.4      |
| Performance SAE J 1995 ..... | hp    | 128.0      | 128.0      |
| Speed .....                  | min-1 | 2,000      | 2,000      |
| Fuel .....                   |       | diesel     | diesel     |
| Electric equipment .....     | V     | 12         | 12         |
| Drive system .....           |       | hydrost.   | hydrost.   |
| Drum driven .....            |       | standard   | standard   |

### Drums and Tyres

|                            |       |              |              |
|----------------------------|-------|--------------|--------------|
| Number of pad feet .....   |       |              | 150          |
| Area of one pad foot ..... | sq.in |              | 21.2         |
| Height of pad feet .....   | in    |              | 3.9          |
| Tyre size .....            |       | 23.1-26 12PR | 23.1-26 12PR |

### Brakes

|                     |  |           |           |
|---------------------|--|-----------|-----------|
| Service brake ..... |  | hydrost.  | hydrost.  |
| Parking brake ..... |  | hydromec. | hydromec. |

### Steering

|                                        |     |              |              |
|----------------------------------------|-----|--------------|--------------|
| Steering system .....                  |     | oscil.artic. | oscil.artic. |
| Steering method .....                  |     | hydrost.     | hydrost.     |
| Steering / oscillating angle +/- ..... | deg | 35/12.0      | 35/12.0      |

### Exciter system

|                         |     |               |               |
|-------------------------|-----|---------------|---------------|
| Drive system .....      |     | hydrost.      | hydrost.      |
| Frequency .....         | vpm | 1,800/2,040   | 1,800/2,040   |
| Amplitude .....         | in  | 0.077/0.039   | 0.067/0.035   |
| Centrifugal force ..... | lb  | 53,954/35,520 | 64,071/43,613 |
| Centrifugal force ..... | t   | 24.5/16.1     | 29.1/19.8     |

### Capacities

|            |     |      |      |
|------------|-----|------|------|
| Fuel ..... | gal | 66.0 | 66.0 |
|------------|-----|------|------|

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
- ☒ Loading mode
- ☒ Sliding window
- ☒ Battery disconnect switch
- ☒ Working lights front / rear

### Optional Equipment

- ☐ \* ROPS/FOPS cabin with seat belts
  - Sliding window
- ☐ ROPS/FOPS with safety belt
- ☐ Air condition
- ☐ Rearview camera
- ☐ TERRAMETER
- ☐ BOMAG ECOSTOP
- ☐ BOMAG TELEMATIC POWER
- ☐ Padfoot segment kit (D)
- ☐ 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

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

