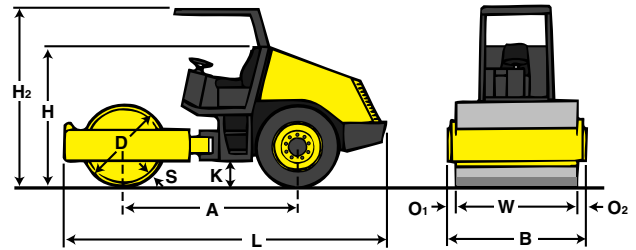


# Technical Specifications

## BW211-3 Series

### Shipping dimensions

in cubic feet (m <sup>3</sup> )	without/with ROPS/FOPS	
BW 211D-3	1010.9 (28.6)	1323.9 (37.5)
BW 211PD-3	1010.9 (28.6)	1323.9 (37.5)



### Dimensions in inches (mm)

	A	B	D	H	H <sub>2</sub>	K	L	O <sub>1</sub>	O <sub>2</sub>	S	W
BW 211D-3	112.9 (2868)	88.6 (2250)	59.1 (1500)	89.3 (2268)	116.9 (2970)	19.3 (490)	220.9 (5610)	2.4 (60)	2.4 (60)	0.98 (25)	83.9 (2130)
BW 211PD-3	112.9 (2868)	88.6 (2250)	58.3 (1480)	89.3 (2268)	116.9 (2970)	19.3 (490)	220.9 (5610)	2.4 (60)	2.4 (60)	0.98 (25)	83.9 (2130)

### Standard Equipment

- Hydrostatic drum and vibration drives
- Dual vibrating frequencies and amplitudes
- Hydrostatic articulated steering
- No spin differential with Spring-Applied, Hydraulically-Released (SAHR) brakes
- Bolt-on oscillating, articulation joint
- Articulation lock
- Adjustable operator's seat
- Single lever control for travel and vibration
- Audible/visual warning indicators:
  - Engine oil pressure
  - Engine temperature
  - Electrical charge
- Hydraulic oil level gauge
- Hour meter
- Fuel tank level gauge
- Drum scrapers
- ROPS / FOPS with seat belt
- Back-up alarm
- Emergency Stop

### Optional Equipment

- Working lights front/rear
- ROPS cab with heater
- Terrameter
- Omegameter
- Pad foot segment kit
- Special paint
- Tool kit
- Smooth shell segment kit (PDH)

### Technical data

#### Weights

	lbs	(kg)	BOMAG BW 211D-3	BOMAG BW 211PD-3
Operating Weight with ROPS/FOPS	22928	(10400)		25089 (11,380)
Axle load, drum	13668	(6200)		15829 (7,180)
Axle load, wheels	9259	(4200)		9259 (4,200)
Static linear load (drum)	162.9	(29.1)		

#### Dimensions

	in	(mm)	BOMAG BW 211D-3	BOMAG BW 211PD-3
Working width	83.9	(2130)		83.9 (2130)
Track Radius, inner	137.6	(3494)		137.6 (3494)

#### Dimensions

see sketch

#### Driving Characteristics (depending on site conditions)

	mph	(kmph)	BOMAG BW 211D-3	BOMAG BW 211PD-3
Speed (1)	0-3.1	(0-5)		0-3.1 (0-5)
Speed (2)	0-3.7	(0-6)		0-3.7 (0-6)
Speed (3)	0-5.6	(0-9)		0-5.6 (0-9)
Speed (4)	0-8.4	(0-13.5)		0-8.4 (0-13.5)
Max. gradeability without/with vibration	47/47			47/47

#### Drive

	BOMAG BW 211D-3	BOMAG BW 211PD-3
Engine manufacturer	Deutz	Deutz
Type	BF4M2012C	BF4M2012C
Cooling	water	water
Number of cylinders	4	4
Performance ISO 9249	133 hp (98 kW)	133 hp (98 kW)
Speed	2300 rpm	2300 rpm
Performance SAE J 1995	131 hp (98 kW)	131 hp (98 kW)
Speed	2300 rpm	2300 rpm
Fuel	diesel	diesel
Electric Equipment	12 V	12 V
Drive System	hydrostatic standard	hydrostatic standard

#### Drums and Tires

	in	(mm)	BOMAG BW 211D-3	BOMAG BW 211PD-3
Drum width	83.9	(2130)		83.9 (2130)
Drum diameter	61.0	(1550)		60.2 (1530)
Tire size	23.1/18-26/8PR			23.1/18-26/12PR

#### Brakes

	BOMAG BW 211D-3	BOMAG BW 211PD-3
Service brake	hydrostatic	hydrostatic
Parking brake	SAHR	SAHR

#### Steering

	BOMAG BW 211D-3	BOMAG BW 211PD-3
Steering system	oscillating, articulating	oscillating, articulating
Steering method	hydrostatic	hydrostatic
Steering angle +/-	35 degrees	35 degrees
Oscillating angle +/-	12 degrees	12 degrees

#### Vibratory system

	BOMAG BW 211D-3	BOMAG BW 211PD-3
Drive system	hydrostatic	hydrostatic
Frequency	1800/2160 (30/36) vpm (Hz)	1800/2160 (30/36)
Amplitude	0.071/0.035 in (1.8/0.9) mm	0.065/0.032 (1.64/0.82)
Centrifugal force	53100/38250 lbs (236/170) kN	61875/44550 (275/198)

#### Capacities

	gal	(l)	BOMAG BW 211D-3	BOMAG BW 211PD-3
Fuel	66	(250)		66 (250)

Technical modifications reserved. Machines may be shown with options.

B38H-1618 3M506JMWV



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