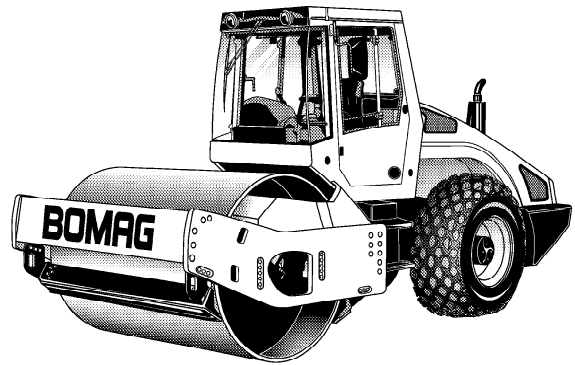


# BOMAG

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

### PERFORMANCE DATA



Machine type	Compaction output (m <sup>3</sup> /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

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# Technical Data

## Shipping dimensions in m3

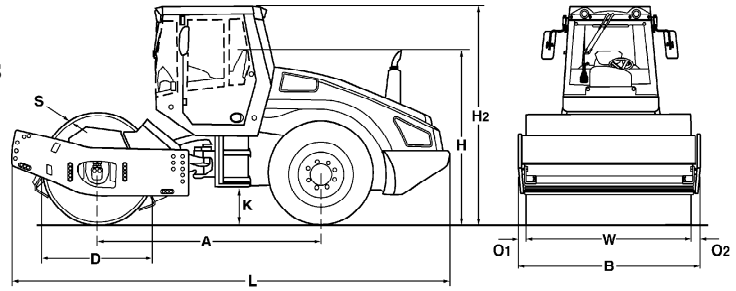
	without ROPS	with ROPS
BW 211 D-4	29,638	38,838
BW 211 PD-4	29,638	38,838

## Standard Equipment

- Warning, information and operation displays with round gauges
- 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
- Swivel seat, adjustable in height and longitudinal direction, with two arm
- Scrapers (D,plastic)
- Scrapers (PD,Steel)
- Towing hooks front/rear
- Emergency STOP
- Noise insulation
- front and rear ballast
- Back-up warning system

## Optional Equipment

- \* ROPS cabin with seat belts
- \* Working lights front/rear
- ROPS / FOPS with safety belt
- Lockable control panel
- Rotary beacon
- Indicator and hazard lights
- Padfoot drum conversion kit (D)
- Padfoot segment kit (D)
- Contact scrapers (D,Steel)
- BOMAG Evib-Meter (BEM)
- TERRAMETER BTMplus
- TERRAMETER BTMprof
- BEM/BCM05
- TERRAMETER/BCM05
- Special painting
- Environmentally compliant hydraulic oil
- Air condition
- Sun roof
- Warning, information and operation displays
- 
- \* 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	2972	490	5808	60	60	25	2130
BW 211 PD-4	2960	2250	1480	2268	2972	490	5808	60	60	25	2130

## Technical Data

### Weights

	BOMAG BW 211 D-4	BOMAG BW 211 PD-4
Grossweight	13.790 kg	13.500 kg
Operating weight CECE w. ROPS-cabin	12.470 kg	13.450 kg
Axle load, drum CECE	7.108 kg	7.980 kg
Axle load, wheels CECE	5.362 kg	5.470 kg
Static linear load CECE	33,5 kg/cm	

### Dimensions

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

### Driving Characteristics

	BOMAG BW 211 D-4	BOMAG BW 211 PD-4
Speed (1)	0- 5,0 km/h	0- 5,0 km/h
Speed (2)	0- 6,0 km/h	0- 6,0 km/h
Speed (3)	0- 9,0 km/h	0- 9,0 km/h
Speed (4)	0- 13,5 km/h	0- 13,5 km/h
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	BF4M 2012 C	BF4M 2012 C
Cooling	water	water
Number of cylinders	4	4
Performance ISO 3046	98 kW	98 kW
Performance SAE J 1995	132 hp	132 hp
Speed	2.300 min-1	2.300 min-1
Fuel	diesel	diesel
Electric equipment	V 12	V 12
Drive system	hydrost.	hydrost.
Drum driven	standard	standard

### Drums and Tyres

	BOMAG BW 211 D-4	BOMAG BW 211 PD-4
Tyre size	23.1/18-26/8PR	23.1/18-26/12PR
Number of pad feet		150
Height of pad feet		100 mm
Area of one pad foot		137 cm <sup>2</sup>

### 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 +/-	35/12 grad	35/12 grad

### Exciter system

	BOMAG BW 211 D-4	BOMAG BW 211 PD-4
Drive system	hydrost.	hydrost.
Frequency	30/36 Hz	30/36 Hz
Amplitude	1,80/0,90 mm	1,64/0,82 mm
Centrifugal force	236/170 kN	275/198 kN
Centrifugal force	24,1/17,3 t	28,1/20,2 t

### Capacities

	BOMAG BW 211 D-4	BOMAG BW 211 PD-4
Fuel	340 l	340 l

Technical modifications reserved. Machines may be shown with options.

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