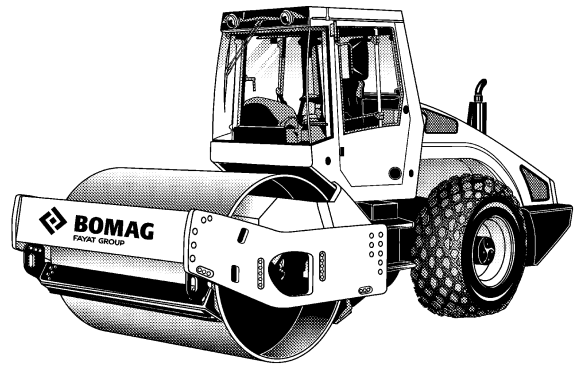


**SINGLE DRUM VIBRATORY ROLLERS  
BW 211 D-4I, BW 211 PD-4I**

**PERFORMANCE DATA**

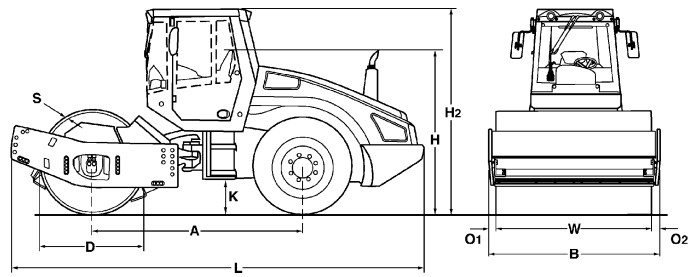


Machine type	Compaction output (m <sup>3</sup> /h)			
	Rock fill	Gravel, sand	Mixed soil	Silt, clay
BW 211 D-4I	400-800	270-540	220-440	110-220
BW 211 PD-4I	400-800	270-540	220-440	160-320

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

# Technical Data

Shipping dimensions in m3	without ROPS	with ROPS
<b>BW 211 D-4I</b>	29,638	39,008
<b>BW 211 PD-4I</b>	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
- Backup warning buzzer with broadband technology
- Rearview camera

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

## Dimensions in mm

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

## Technical Data

### Weights

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

### Driving Characteristics

	km/h	BOMAG BW 211 D-4I	BOMAG BW 211 PD-4I
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-4I	BOMAG BW 211 PD-4I
Engine manufacturer .....		Deutz	Deutz
Type .....		TCD 3.6 L4	TCD 3.6 L4
Emission stage .....		3b/4i	3b/4i
Cooling .....		Liquid	Liquid
Number of cylinders .....		4	4
Performance ISO 3046 .....	kW	90,0	90,0
Performance SAE J 1995 .....	hp	121,0	121,0
Speed .....	min-1	2.200	2.200
Fuel .....		diesel	diesel
Electric equipment .....	V	12	12
Drive system .....		hydrost.	hydrost.
Drum driven .....		standard	standard

### Drums and Tyres

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

### Brakes

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

### Steering

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

### Exciter system

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

Technical modifications reserved. Machines may be shown with options.



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