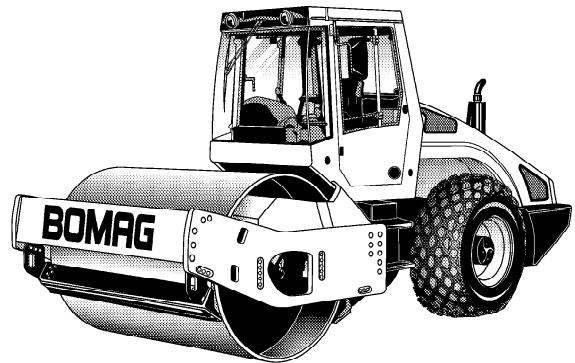


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## SINGLE DRUM VIBRATORY ROLLERS BW 211 D-4, BW 211 PD-4

### 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 m <sup>3</sup>	without ROPS	with ROPS
BW 211 D-4	29,638	38,838
BW 211 PD-4	29,638	38,838

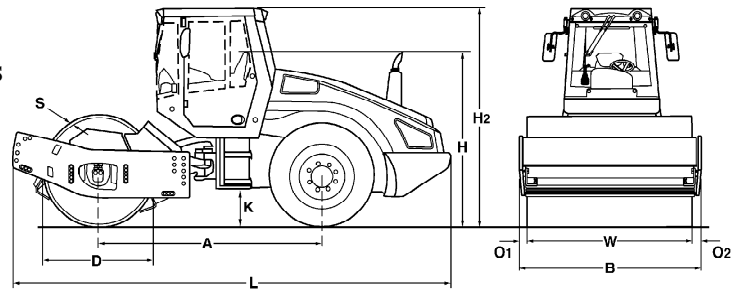
## Standard Equipment

- Warning, information and operation displays with round 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
- Engine TIER III

## Optional Equipment

- \* ROPS/FOPS cabin with seat belts
- \* Working lights front/rear
- \* Safety standart
- 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 plus
- TERRAMETER BTM prof
- BEM/BCM 05
- TERRAMETER/BCM 05
- Special painting
- Environmentally compliant hydraulic oil
- Air condition
- Ballast front (720kg)
- Ballast rear (800kg)
- Sun roof
- Warning, information and operation displays
- Radio
- Protective ventilation system

\* 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

	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	11.930
Axle load, drum CECE	kg	6.380	7.360
Axle load, wheels CECE	kg	4.570	4.570
Static linear load CECE	kg/cm	30	

### 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
Cooling	water	water
Number of cylinders	4	4
Performance ISO 3046	99 kW	99 kW
Performance SAE J 1995	133 hp	133 hp
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

	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	100
Area of one pad foot	cm <sup>2</sup> 137	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

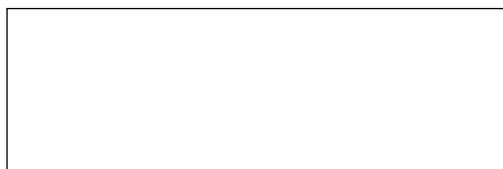
### Exciter system

	BOMAG BW 211 D-4	BOMAG BW 211 PD-4
Drive system	hydrost.	hydrost.
Frequency	Hz 30/36	30/36
Amplitude	mm 1,80/0,75	1,70/0,86
Centrifugal force	kN 236/125	275/202
Centrifugal force	t 24,1/12,8	28,1/20,6

### Capacities

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

Technical modifications reserved. Machines may be shown with options.



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