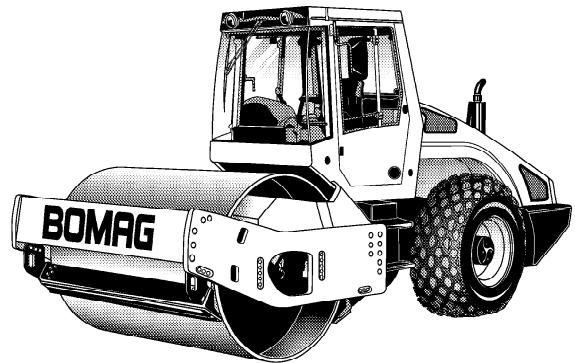


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SINGLE DRUM VIBRATORY ROLLERS BW 213 D-4, BW 213 PD-4

PERFORMANCE DATA



Machine type	Compaction output (m ³ /h)			
	Rock fill	Gravel, sand	Mixed soil	Silt, clay
BW 213 D-4	470-940	300-600	240-480	120-240
BW 213 PD-4	530-1060	360-720	270-540	180-360

Machine type	Compacted layer thickness (m)			
	Rock fill	Gravel, sand	Mixed soil	Silt, clay
BW 213 D-4	0,80	0,50	0,40	0,20
BW 213 PD-4	0,90	0,65	0,50	0,25

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Technical Data

Shipping dimensions in m3

	without ROPS	with ROPS
BW 213 D-4	29,638	38,838
BW 213 PD-4	29,638	38,838

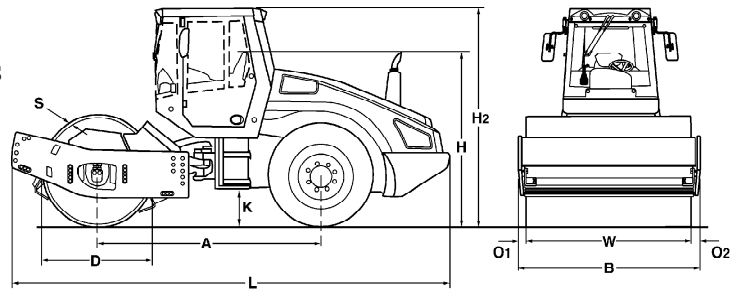
Standard Equipment

- 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
- Swivel seat, adjustable in height and longit. direction, with two armrests
- Contact scrapers (D:Plastic)
- Scrapers (PD:Steel)
- Emergency STOP
- Noise insulation
- Back-up warning system
- Engine TIER III

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 plus
- TERRAMETER BTM prof
- BEM/BCM 05
- TERRAMETER/BCM 05
- Special painting
- Environmentally compliant hydraulic oil
- Air condition
- Ballast front (720kg)
- 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 213 D-4	2960	2250	1500	2268	2972	490	5808	60	60	35	2130
BW 213 PD-4	2960	2250	1500	2268	2972	490	5808	60	60	25	2130

Technical Data

Weights

	BOMAG BW 213 D-4	BOMAG BW 213 PD-4
Grossweight	14.600 kg	13.900 kg
Operating weight CECE w. ROPS-cabin	12.525 kg	12.975 kg
Axle load, drum CECE	7.225 kg	7.475 kg
Axle load, wheels CECE	5.300 kg	5.500 kg
Static linear load CECE	33,9 kg/cm	

Dimensions

	BOMAG BW 213 D-4	BOMAG BW 213 PD-4
Working width	2.130 mm	2.130 mm
Track radius, inner	3.494 mm	3.494 mm

Driving Characteristics

	BOMAG BW 213 D-4	BOMAG BW 213 PD-4
Speed (1)	0- 6,0 km/h	0- 6,0 km/h
Speed (2)	0- 7,0 km/h	0- 7,0 km/h
Speed (3)	0- 8,0 km/h	0- 8,0 km/h
Speed (4)	0- 11,0 km/h	0- 11,0 km/h
Max. gradeability without/with vibr.	45/43 %	48/46 %

Drive

	BOMAG BW 213 D-4	BOMAG BW 213 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	2.200 min-1	2.200 min-1
Fuel	diesel	diesel
Electric equipment	V 12	V 12
Drive system	hydrost. standard	hydrost. standard

Drums and Tyres

	BOMAG BW 213 D-4	BOMAG BW 213 PD-4
Number of pad feet		150
Area of one pad foot		137 cm ²
Height of pad feet		100 mm
Tyre size	23.1-26/12PR	23.1-26/12PR

Brakes

	BOMAG BW 213 D-4	BOMAG BW 213 PD-4
Service brake	hydrost.	hydrost.
Parking brake	hydromec.	hydromec.

Steering

	BOMAG BW 213 D-4	BOMAG BW 213 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 213 D-4	BOMAG BW 213 PD-4
Drive system	hydrost.	hydrost.
Frequency (1)	30 Hz	30 Hz
Frequency (2)	36 Hz	36 Hz
Amplitude	1,90/0,96 mm	1,70/0,87 mm
Centrifugal force	275/202 kN	275/198 kN
Centrifugal force	28,1/20,6 t	28,1/20,2 t

Capacities

	BOMAG BW 213 D-4	BOMAG BW 213 PD-4
Fuel	340 l	340 l

Technical modifications reserved. Machines may be shown with options.

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