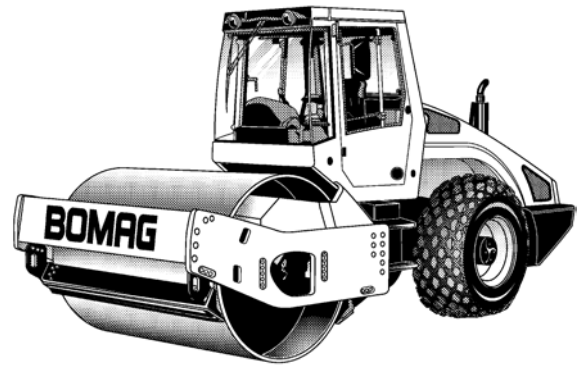




SINGLE DRUM VIBRATORY ROLLERS BW 213 DH-4, BW 213 PDH-4

PERFORMANCE DATA



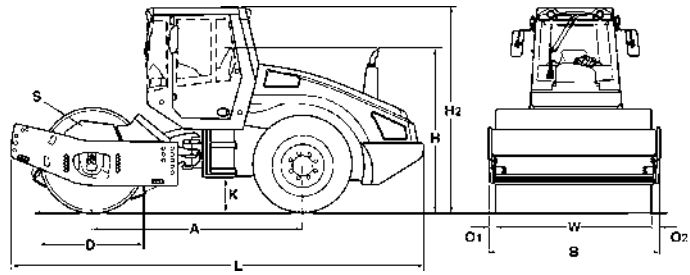
Machine type	Compaction output (m ³ /h)			
	Rock fill	Gravel, sand	Mixed soil	Silt, clay
BW 213 DH-4	530-1060	360-720	270-540	180-360
BW 213 PDH-4	530-1060	360-720	270-540	210-420

Machine type	Compacted layer thickness (m)			
	Rock fill	Gravel, sand	Mixed soil	Silt, clay
BW 213 DH-4	0,90	0,65	0,50	0,25
BW 213 PDH-4	0,90	0,60	0,50	0,30



Technical Data

Shipping dimensions in m3	without ROPS	with ROPS
BW 213 DH-4	29,902	39,355
BW 213 PDH-4	29,902	39,355



Standard Equipment

- BOMAG ECOMODE
- Anti Slip Control (ASC)
- Warning, information and operation displays with LCD
- 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
- Shock-mounted swivel seat, adjustable in height and length (Cabin)
- Contact scrapers (DH:Plastic)
- Scrapers (PDH:Steel)
- Emergency STOP
- Noise insulation
- Back-up warning system

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 (DH)
- Contact scrapers (DH:Steel)
- BOMAG Evib-Meter (BEM)
- TERRAMETER BTM prof
- BCM 05 Documentation system
- Special painting
- Environmentally compliant hydraulic oil
- Air condition
- Ballast front (720kg)
- Sun roof
- Slideable seat
- Radio (Bluetooth)
- Protective ventilation system
- Blade

* 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 DH-4	2960	2270	1500	2268	2985	490	5808	70	70	35	2130
BW 213 PDH-4	2960	2270	1480	2268	2985	490	5808	70	70	25	2130

Technical Data

Weights

	kg	BOMAG BW 213 DH-4	BOMAG BW 213 PDH-4
Grossweight	kg	15.750	14.850
Operating weight CECE w. ROPS-cabin	kg	12.700	13.100
Axle load, drum CECE	kg	7.400	7.600
Axle load, wheels CECE	kg	5.300	5.500
Static linear load CECE	kg/cm	34,7	

Dimensions

	mm	BOMAG BW 213 DH-4	BOMAG BW 213 PDH-4
Working width	mm	2.130	2.130
Track radius, inner	mm	3.494	3.494

Driving Characteristics

	km/h	BOMAG BW 213 DH-4	BOMAG BW 213 PDH-4
Speed	km/h	0- 14,0	0- 14,0
Max. gradeability without/with vibr.	%	58/55	60/58

Drive

		BOMAG BW 213 DH-4	BOMAG BW 213 PDH-4
Engine manufacturer		Deutz	Deutz
Type		TCD 2013 L04	TCD 2013 L04
Emission stage		3a/3	3a/3
Cooling		water	water
Number of cylinders		4	4
Performance ISO 3046	kW	119,0	119,0
Performance SAE J 1995	hp	160,0	160,0
Speed	min-1	2.200	2.200
Fuel		diesel	diesel
Electric equipment	V	12	12
Drive system		hydrost. standard	hydrost. standard

Drums and Tyres

		BOMAG BW 213 DH-4	BOMAG BW 213 PDH-4
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 213 DH-4	BOMAG BW 213 PDH-4
Service brake		hydrost.	hydrost.
Parking brake		hydromec.	hydromec.

Steering

		BOMAG BW 213 DH-4	BOMAG BW 213 PDH-4
Steering system		oscil.artic.	oscil.artic.
Steering method		hydrost.	hydrost.
Steering / oscillating angle +/-	grad	35/12	35/12

Exciter system

		BOMAG BW 213 DH-4	BOMAG BW 213 PDH-4
Drive system		hydrost.	hydrost.
Frequency (1)	Hz	30	30
Frequency (2)	Hz	36	36
Amplitude	mm	2,00/1,00	1,80/0,94
Centrifugal force	kN	300/225	300/225
Centrifugal force	t	30,6/23,0	30,6/23,0

Capacities

	l	BOMAG BW 213 DH-4	BOMAG BW 213 PDH-4
Fuel	l	340,0	340,0

Technical modifications reserved. Machines may be shown with options.



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