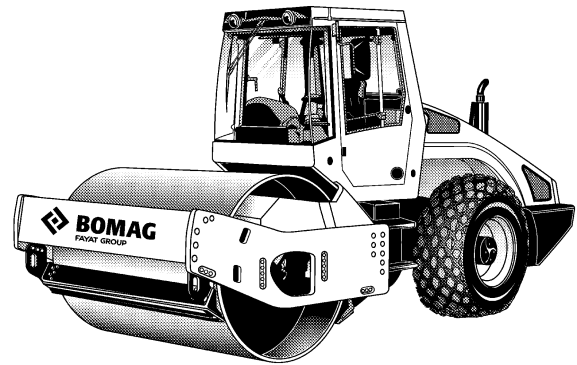


**SINGLE DRUM VIBRATORY ROLLERS  
BW 213 D-4I, BW 213 DH-4I, BW 213 PDH-4I**

**PERFORMANCE DATA**



Machine type	Compaction output (m <sup>3</sup> /h)			
	Rock fill	Gravel, sand	Mixed soil	Silt, clay
BW 213 D-4I	470-940	300-600	240-480	120-240
BW 213 DH-4I	530-1060	360-720	270-540	180-360
BW 213 PDH-4I	530-1060	360-720	270-540	210-420

Machine type	Compacted layer thickness (m)			
	Rock fill	Gravel, sand	Mixed soil	Silt, clay
BW 213 D-4I	0,80	0,50	0,40	0,20
BW 213 DH-4I	0,90	0,65	0,50	0,25
BW 213 PDH-4I	0,90	0,60	0,50	0,30

# Technical Data

Shipping dimensions in m3	without ROPS	with ROPS
<b>BW 213 D-4I</b>	29,902	39,355
<b>BW 213 DH-4I</b>	29,902	39,355
<b>BW 213 PDH-4I</b>	29,902	39,355

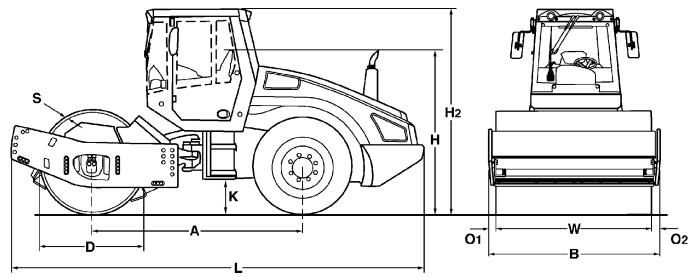
## Standard Equipment

- BOMAG ECOMODE (DH/PDH)
- Anti Slip Control (ASC) (DH/PDH)
- Warning, information and operation displays with LCD (DH/PDH)
- 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 (D/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
- Radio (Bluetooth)
- Indicator and hazard lights
- Padfoot segment kit (D/DH)
- Contact scrapers (D/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
- Protective ventilation system
- Blade (DH/PDH)
- 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 213 D-4I</b>	2960	2270	1500	2268	2985	490	5808	70	70	35	2130
<b>BW 213 DH-4I</b>	2960	2270	1500	2268	2985	490	5808	70	70	35	2130
<b>BW 213 PDH-4I</b>	2960	2270	1480	2268	2985	490	5808	70	70	25	2130

## Technical Data

	BOMAG BW 213 D-4I	BOMAG BW 213 DH-4I	BOMAG BW 213 PDH-4I
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## Weights

Grossweight .....	kg	14.600	15.750	14.850
Operating weight CECE w. ROPS-cabin .....	kg	12.525	12.700	13.100
Axle load, drum CECE .....	kg	7.225	7.400	7.600
Axle load, wheels CECE .....	kg	5.300	5.300	5.500
Static linear load CECE .....	kg/cm	33,9	34,7	

## Dimensions

Working width .....	mm	2.130	2.130	2.130
Track radius, inner .....	mm	3.494	3.494	3.494

## Driving Characteristics

Speed (1) .....	km/h	0- 6,0	0- 14,0	0- 14,0
Speed (2) .....	km/h	0- 7,0		
Speed (3) .....	km/h	0- 8,0		
Speed (4) .....	km/h	0- 11,0		
Max. gradeability without/with vibr. ....	%	45/43	58/55	60/58

## Drive

Engine manufacturer .....	Deutz	Deutz	Deutz	
Type .....	TCD 3.6 L4	TCD 4.1 L4	TCD 4.1 L4	
Emission stage .....	3b/4i	3b/4i	3b/4i	
Cooling .....	Liquid	Liquid	Liquid	
Number of cylinders .....	4	4	4	
Performance ISO 3046 .....	kW	90,0	115,0	115,0
Performance SAE J 1995 .....	hp	121,0	154,0	154,0
Speed .....	min-1	2.200	2.200	2.200
Fuel .....		diesel	diesel	diesel
Electric equipment .....	V	12	12	12
Drive system .....		hydrost.	hydrost.	hydrost.
Drum driven .....		standard	standard	standard

## Drums and Tyres

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

Service brake .....	hydrost.	hydrost.	hydrost.
Parking brake .....	hydromec.	hydromec.	hydromec.

## Steering

Steering system .....	oscil.artic.	oscil.artic.	oscil.artic.
Steering method .....	hydrost.	hydrost.	hydrost.
Steering / oscillating angle +/- .....	grad	35/12	35/12

## Exciter system

Drive system .....	hydrost.	hydrost.	hydrost.	
Frequency .....	Hz	30/36	30/36	
Amplitude .....	mm	1,90/0,96	2,00/1,00	1,80/0,94
Centrifugal force .....	kN	275/202	300/225	300/225
Centrifugal force .....	t	28,1/20,6	30,6/23,0	30,6/23,0

## Capacities

Fuel .....	l	340,0	340,0	340,0
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Technical modifications reserved. Machines may be shown with options.



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