

**SINGLE DRUM ROLLERS**  
**BW 213 D-5, BW 213 DH-5, BW 213 PDH-5**

**PERFORMANCE DATA**



Machine type	Compaction output (m <sup>3</sup> /h)			
	Rock fill	Gravel, sand	Mixed soil	Silt, clay
BW 213 D-5	470-940	300-600	240-480	120-240
BW 213 DH-5	530-1060	360-720	270-540	180-360
BW 213 PDH-5	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-5	0,80	0,50	0,40	0,20
BW 213 DH-5	0,80	0,50	0,40	0,25
BW 213 PDH-5	0,90	0,60	0,50	0,30

# Technical Data

Shipping dimensions in m3	without ROPS	with ROPS
<b>BW 213 D-5</b>	29,991	39,855
<b>BW 213 DH-5</b>	29,991	39,855
<b>BW 213 PDH-5</b>	29,991	39,855

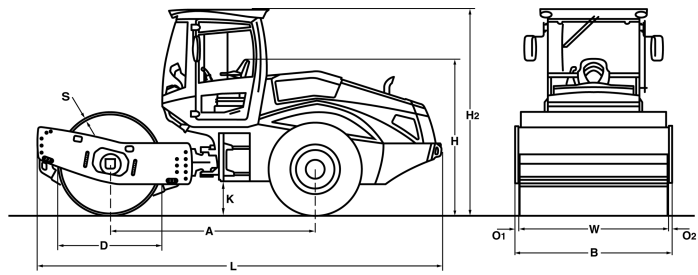
## Standard Equipment

- BOMAG ECOMODE
- Warning, information and operation displays with LCD
- Sliding window
- Noise insulation
- 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
- 2 Scrapers (D/DH:Plastic)
- 2 Scrapers (PDH)
- Emergency STOP
- Back-up alarm
- Working lights front / rear
- Double pump system for travel drive (DH/PDH)
- Tractor tires (PDH)

## Optional Equipment

- \* ROPS/FOPS cabin with seat belts
- ROPS/FOPS with safety belt
- Air condition
- Rearview camera
- TERRAMETER
- BOMAG ECOSTOP
- BOMAG TELEMATIC POWER
- Padfoot segment kit (D/DH)
- Radio (Bluetooth)
- Indicator and hazard lights
- BCM 05 Documentation system
- Special painting
- Rotary beacon
- Pre start cabin heating
- Environmentally compliant hydraulic oil

\* 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-5</b>	2975	2270	1500	2250	2990	490	5872	70	70	30	2130
<b>BW 213 DH-5</b>	2975	2270	1500	2250	2990	490	5872	70	70	30	2130
<b>BW 213 PDH-5</b>	2975	2270	1480	2250	2990	490	5872	70	70	25	2130

## Technical Data

	BOMAG BW 213 D-5	BOMAG BW 213 DH-5	BOMAG BW 213 PDH-5
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## Weights

Grossweight	kg	14.796	15.666	14.740
Operating weight CECE w. ROPS-cabin	kg	12.510	12.720	13.825
Axle load, drum CECE	kg	7.500	7.560	8.665
Axle load, wheels CECE	kg	5.010	5.160	5.160
Static linear load CECE	kg/cm	35,2	35,5	40,7

## Dimensions

Working width	mm	2.130	2.130	2.130
Track radius, inner	mm	3.677	3.677	3.677

## Driving Characteristics

Speed (1)	km/h	0- 5,0		
Speed (2)	km/h	0- 6,0		
Speed (3)	km/h	0- 8,0		
Speed (4)	km/h	0- 11,0		
Speed	km/h		0- 12,0	0- 12,0
Max. gradeability without/with vibr.	%	45/43	60/57	62/60

## Drive

Engine manufacturer		Deutz	Deutz	Deutz
Type		TCD 3.6 L4	TCD 4.1	TCD 4.1
Emission stage		4/4	4/4	4/4
Cooling		Liquid	Liquid	Liquid
Number of cylinders		4	4	4
Performance ISO 3046	kW	95,0	115,0	115,0
Performance SAE J 1995	hp	128,0	155,0	155,0
Speed	min-1	2.000	2.100	2.100
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		12.5-20 12PR	12.5-20 12PR	12.5-20 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	35/12

## Exciter system

Drive system		hydrost.	hydrost.	hydrost.
Frequency	Hz	30/34	30/34	30/34
Amplitude	mm	1,90/0,95	1,91/0,96	1,53/0,79
Centrifugal force	kN	258/190	258/186	258/190
Centrifugal force	t	26,3/19,4	26,3/19,0	26,3/19,4

## Capacities

Fuel	l	250,0	250,0	250,0
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Technical modifications reserved. Machines may be shown with options.

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