

## SINGLE DRUM VIBRATORY ROLLERS BW 212 D-40, BW 212 PD-40

### PERFORMANCE DATA



Machine type	Compaction output (m <sup>3</sup> /h)			
	Rock fill	Gravel, sand	Mixed soil	Silt, clay
BW 212 D-40	400-800	270-540	220-440	110-220
BW 212 PD-40	400-800	270-540	220-440	160-320

Machine type	Compacted layer thickness (m)			
	Rock fill	Gravel, sand	Mixed soil	Silt, clay
BW 212 D-40	0,70	0,50	0,40	0,20
BW 212 PD-40	0,70	0,50	0,40	0,25

# Technical Data

## Shipping dimensions in m<sup>3</sup>

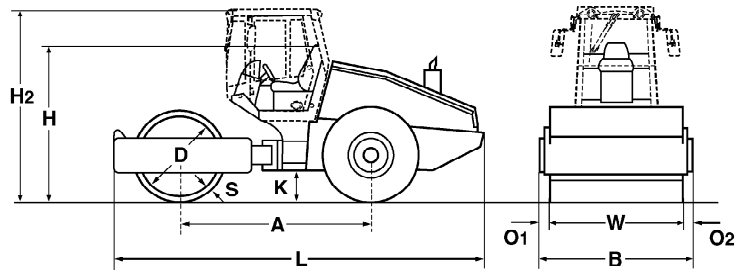
	without ROPS	with ROPS
BW 212 D-40	29,802	39,223
BW 212 PD-40	29,802	39,223

## Standard

- 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
- Scrapers
- Emergency STOP
- Back-up warning system
- Operator seat
- Engine TIER II

## Options

- ROPS/FOPS cabin with seat belts
- Working lights front / rear
- ROPS/FOPS with safety belt
- Comfort driver's seat
- Rotary beacon
- Indicator and hazard lights
- Padfoot segment kit (D)
- Contact scrapers
- BOMAG Evib-Meter (BEM)
- TERRAMETER BTM prof
- BCM 05 Documentation system
- Special painting
- Air condition
- Ballast rear (800kg)
- Sun roof
- Warning, information and operation displays
- Radio
- Drum 35mm (D:+700kg)  
(1,9mm/275kN; 1mm/198kN)
- Drum 35mm (D)  
(2mm/310kN; 1mm/222kN)



## Dimensions in mm

	A	B	D	H	H2	K	L	O1	O2	S	W
BW 212 D-40	2960	2250	1500	2268	2985	490	5840	60	60	25	2130
BW 212 PD-40	2960	2250	1480	2268	2985	490	5840	60	60	25	2130

## Technical Data

### Weights

	BOMAG BW 212 D-40	BOMAG BW 212 PD-40
Grossweight	14.670 kg	13.320 kg
Max. axle load, drum CECE	9.720 kg	8.370 kg
Max. axle load, wheels CECE	4.950 kg	4.950 kg
Operating weight CECE	10.900 kg	11.900 kg
Axle load, drum CECE	7.150 kg	8.150 kg
Axle load, wheels CECE	3.750 kg	3.750 kg
Static linear load CECE	33,6 kg/cm	
Max. static linear load CECE	45,6 kg/cm	

### Dimensions

	BOMAG BW 212 D-40	BOMAG BW 212 PD-40
Working width	2.130 mm	2.130 mm
Track radius, inner	3.494 mm	3.494 mm

### Driving Characteristics

	BOMAG BW 212 D-40	BOMAG BW 212 PD-40
Speed (1)	0- 6,0 km/h	0- 6,0 km/h
Speed (2)	0- 10,0 km/h	0- 10,0 km/h
Max. gradeability without/with vibr.	45/43 %	49/46 %

### Drive

	BOMAG BW 212 D-40	BOMAG BW 212 PD-40
Engine manufacturer	Deutz	Deutz
Type	BF4M 2012 C	BF4M 2012 C
Cooling	water	water
Number of cylinders	4	4
Performance ISO 3046	98 kW	98 kW
Performance SAE J 1995	132 hp	132 hp
Speed	2.300 min-1	2.300 min-1
Fuel	diesel	diesel
Electric equipment	12 V	12 V
Drive system	hydrost. standard	hydrost. standard
Drum driven	standard	standard

### Drums and Tyres

	BOMAG BW 212 D-40	BOMAG BW 212 PD-40
Tyre size	23.1-26/12PR	23.1-26/12PR
Number of pad feet	150	150
Height of pad feet	100 mm	100 mm
Area of one pad foot	137 cm <sup>2</sup>	137 cm <sup>2</sup>

### Brakes

	BOMAG BW 212 D-40	BOMAG BW 212 PD-40
Service brake	hydrost.	hydrost.
Parking brake	hydromec.	hydromec.

### Steering

	BOMAG BW 212 D-40	BOMAG BW 212 PD-40
Steering system	oscil.artic.	oscil.artic.
Steering method	hydrost.	hydrost.
Steering / oscillating angle +/-	35/12 grad	35/12 grad

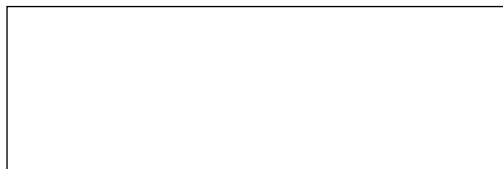
### Exciter system

	BOMAG BW 212 D-40	BOMAG BW 212 PD-40
Drive system	hydrost.	hydrost.
Frequency	30/36 Hz	30/36 Hz
Amplitude	1,80/0,95 mm	1,70/0,86 mm
Centrifugal force	236/125 kN	275/202 kN
Centrifugal force	24,1/12,8 t	28,1/20,6 t

### Capacities

	BOMAG BW 212 D-40	BOMAG BW 212 PD-40
Fuel	250 l	250 l

Technical modifications reserved. Machines may be shown with options.



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