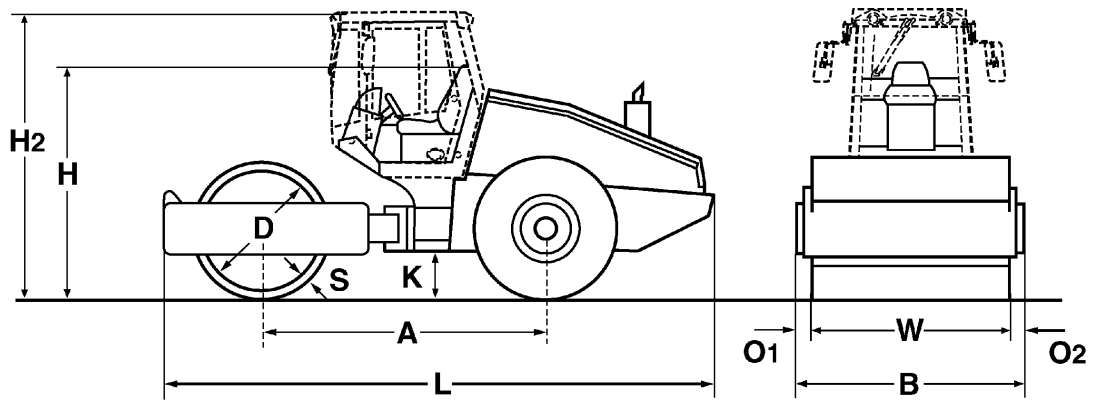


TECHNICAL DATA

SINGLE DRUM ROLLERS

BW 212 D-40, BW 212 PD-40





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

Shipping dimensions in m3

BW 212 D-40
BW 212 PD-40

without ROPS

29,802
29,802

with ROPS

39,223
39,223

Machine type	Compaction output (m3/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

BOMAG BW 212 D-40

BOMAG BW 212 PD-40

Weights

Grossweight	kg	14.670	13.320
Max. axle load, drum CECE	kg	9.720	8.370
Max. axle load, wheels CECE	kg	4.950	4.950
Operating weight CECE	kg	10.900	12.750
Axle load, drum CECE	kg	7.150	8.150
Axle load, wheels CECE	kg	3.750	4.600
Static linear load CECE	kg/cm	33,6	
Max. static linear load CECE	kg/cm	45,6	

Dimensions

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

Driving Characteristics

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

Drive

Engine manufacturer		Deutz	Deutz
Type		BF4M 2012 C	BF4M 2012 C
Emission stage		Stage II / TIER2	Stage II / TIER2
Cooling		water	water
Number of cylinders		4	4
Performance ISO 3046	kW	98,0	98,0
Performance SAE J 1995	hp	132,0	132,0
Speed	min-1	2.300	2.300
Fuel		diesel	diesel
Electric equipment	V	12	12
Drive system		hydrost.	hydrost.
Drum driven		standard	standard

Drums and Tyres

Tyre size		23.1-26/12PR	23.1-26/12PR
Number of pad feet			150
Height of pad feet	mm		100
Area of one pad foot	cm2		137

Brakes

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

Steering

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

Exciter system

Drive system		hydrost.	hydrost.
Frequency	Hz	30/36	30/36
Amplitude	mm	1,80/0,95	1,70/0,86
Centrifugal force	kN	236/170	275/202
Centrifugal force	t	24,1/17,3	28,1/20,6

Capacities

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

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
- ☒ Scrapers
- ☒ Emergency STOP
- ☒ Back-up warning system
- ☒ Operator seat

Optional Equipment

- ☐ 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 (Bluetooth)
- ☐ Increased amplitude (2,2mm/1,1mm)
- ☐ Drum 35mm (D:+700kg) (1,9mm/275kN; 1mm/198kN)

