

BOMAG

SINGLE DRUM VIBRATORY ROLLERS BW 211 DE-40

PERFORMANCE DATA



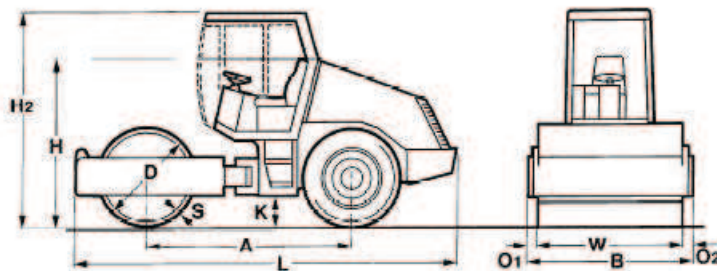
Machine type	Compaction output (m ³ /h)			
	Rock fill	Gravel, sand	Mixed soil	Silt, clay
BW 211 DE-40	400-800	270-540	220-440	110-220

Machine type	Compacted layer thickness (m)			
	Rock fill	Gravel, sand	Mixed soil	Silt, clay
BW 211 DE-40	0,70	0,50	0,40	0,20

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Technical Data

Shipping dimensions in m³ without ROPS with ROPS
BW 211 DE-40 29,802 39,052



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
- Engine TIER II

Optional Equipment

- ROPS/FOPS cabin with seat belts
- Working lights front / rear
- Air condition
- Ballast front (700kg)
- Ballast rear (800kg)
- Contact scrapers
- TERRAMETER BTM prof
- TERRAMETER/BCM 05

Dimensions in mm

	A	B	D	H	H2	K	L	O1	O2	S	W
BW 211 DE-40	2960	2250	1500	2268	2972	490	5840	60	60	25	2130

Technical Data

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Weights

Grossweight	kg	13.000
Max. axle load, drum CECE	kg	8.050
Max. axle load, wheels CECE	kg	4.950
Operating weight CECE	kg	9.500
Axle load, drum CECE	kg	5.750
Axle load, wheels CECE	kg	3.750
Static linear load CECE	kg/cm	27
Max. static linear load CECE	kg/cm	37,8

Dimensions

Working width	mm	2.130
Track radius, inner	mm	3.494

Driving Characteristics

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

Drive

Engine manufacturer	Deutz	
Type	BF4M1013 EC	
Cooling	water	
Number of cylinders	4	
Performance ISO 3046	kW	114
Performance SAE J 1995	hp	153
Speed	min-1	2.200
Fuel	diesel	
Electric equipment	V	12
Drive system	hydrost.	
Drum driven	standard	

Drums and Tyres

Tyre size	23.1-26/12PR
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Brakes

Service brake	hydrost.
Parking brake	hydromec.

Steering

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

Exciter system

Drive system	hydrost.	
Frequency	Hz	30/36
Amplitude	mm	1,80/0,75
Centrifugal force	kN	236/125
Centrifugal force	t	24,1/12,8

Capacities

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

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