

SINGLE DRUM ROLLERS BW 211 D-5, BW 211 PD-5

PERFORMANCE DATA



Machine type	Compaction output (m ³ /h)			
	Rock fill	Gravel, sand	Mixed soil	Silt, clay
BW 211 D-5	400-800	270-540	220-440	110-220
BW 211 PD-5	400-800	270-540	220-440	160-320

Machine type	Compacted layer thickness (m)			
	Rock fill	Gravel, sand	Mixed soil	Silt, clay
BW 211 D-5	0,70	0,50	0,40	0,20
BW 211 PD-5	0,70	0,50	0,40	0,25

Technical Data

Shipping dimensions in m3	without ROPS	with ROPS
BW 211 D-5	30,125	39,855
BW 211 PD-5	30,125	39,855

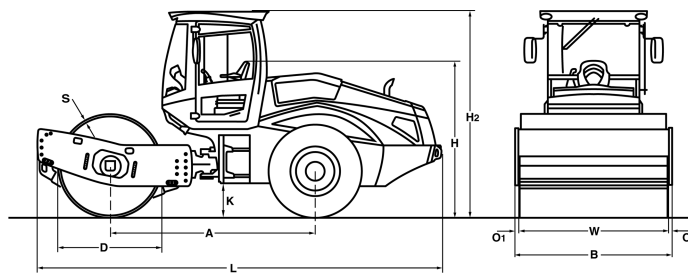
Standard Equipment

- ☒ BOMAG ECOMODE
- ☒ Warning, information and operation displays with LCD
- ☒ 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
- ☒ Seat with arm rest and adj. for position and height
- ☒ 2 Scrapers
- ☒ Emergency STOP
- ☒ Back-up alarm
- ☒ Working lights front / rear

Optional Equipment

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

* Standard delivery with CE conformity (valid within European Union)



Dimensions in mm

	A	B	D	H	H2	K	L	O1	O2	S	W
BW 211 D-5	2975	2270	1500	2260	2990	490	5872	70	70	25	2130
BW 211 PD-5	2975	2270	1480	2260	2990	490	5872	70	70	25	2130

Technical Data

Weights

		BOMAG BW 211 D-5	BOMAG BW 211 PD-5
Grossweight	kg	12.800	12.750
Operating weight CECE w. ROPS-cabin	kg	10.600	12.100
Axle load, drum CECE	kg	5.670	7.170
Axle load, wheels CECE	kg	4.930	4.930
Static linear load CECE	kg/cm	26,6	33,7

Dimensions

		BOMAG BW 211 D-5	BOMAG BW 211 PD-5
Working width	mm	2.130	2.130
Track radius, inner	mm	3.677	3.677

Driving Characteristics

		BOMAG BW 211 D-5	BOMAG BW 211 PD-5
Speed (1)	km/h	0- 5,0	0- 5,0
Speed (2)	km/h	0- 6,0	0- 6,0
Speed (3)	km/h	0- 8,0	0- 8,0
Speed (4)	km/h	0- 11,0	0- 11,0
Max. gradeability without/with vibr.	%	51/48	54/51

Drive

		BOMAG BW 211 D-5	BOMAG BW 211 PD-5
Engine manufacturer		Deutz	Deutz
Type		TCD 3.6 L4	TCD 3.6 L4
Emission stage		4/4	4/4
Cooling		Liquid	Liquid
Number of cylinders		4	4
Performance ISO 3046	kW	95,0	95,0
Performance SAE J 1995	hp	128,0	128,0
Speed	min-1	2.000	2.000
Fuel		diesel	diesel
Electric equipment	V	12	12
Drive system		hydrost.	hydrost.
Drum driven		standard	standard

Drums and Tyres

		BOMAG BW 211 D-5	BOMAG BW 211 PD-5
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

Brakes

		BOMAG BW 211 D-5	BOMAG BW 211 PD-5
Service brake		hydrost.	hydrost.
Parking brake		hydromec.	hydromec.

Steering

		BOMAG BW 211 D-5	BOMAG BW 211 PD-5
Steering system		oscil.artic.	oscil.artic.
Steering method		hydrost.	hydrost.
Steering / oscillating angle +/-	grad	35/12	35/12

Exciter system

		BOMAG BW 211 D-5	BOMAG BW 211 PD-5
Drive system		hydrost.	hydrost.
Frequency	Hz	30/34	30/34
Amplitude	mm	1,83/0,78	1,58/0,81
Centrifugal force	kN	217/134	258/190
Centrifugal force	t	22,1/13,7	26,3/19,4

Capacities

		BOMAG BW 211 D-5	BOMAG BW 211 PD-5
Fuel	l	250,0	250,0

Technical modifications reserved. Machines may be shown with options.



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