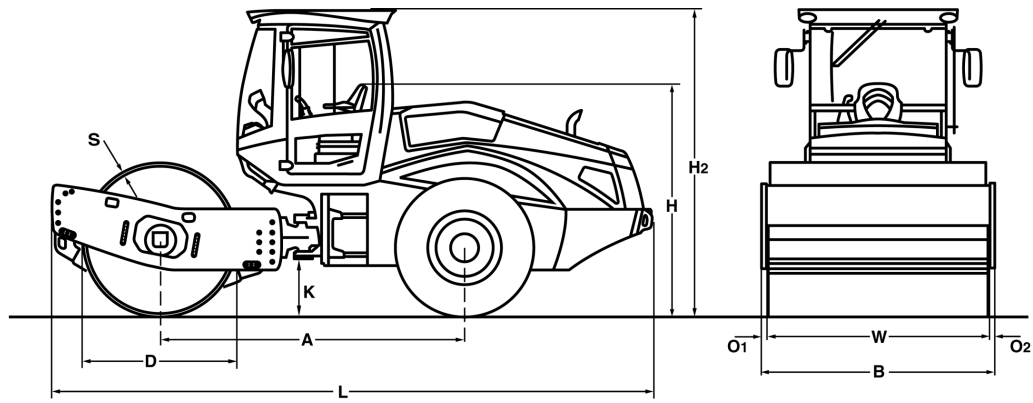


TECHNICAL DATA

SINGLE DRUM ROLLERS

BW 211 D-5, BW 211 PD-5





Dimensions in inch

	A	B	D	H	H2	K	L	O1	O2	S	W
BW 211 D-5	117.1	89.4	59.1	89.0	117.7	19.3	231.1	2.8	2.8	0.98	83.9
BW 211 PD-5	117.1	89.4	58.3	89.0	117.7	19.3	231.1	2.8	2.8	0.98	83.9

Shipping dimensions in cub.yd

BW 211 D-5
BW 211 PD-5

without ROPS

39,405
39,405

with ROPS

52,112
52,112

Machine type	Compaction output (cub.yd/h)			
	Rock fill	Gravel, sand	Mixed soil	Silt, clay
BW 211 D-5	523.2-1046.4	353.1-706.3	287.7-575.5	143.9-287.7
BW 211 PD-5	523.2-1046.4	353.1-706.3	287.7-575.5	209.3-418.5

Machine type	Compacted layer thickness (in)			
	Rock fill	Gravel, sand	Mixed soil	Silt, clay
BW 211 D-5	27.6	19.7	15.7	7.9
BW 211 PD-5	27.6	19.7	15.7	9.8

Technical Data

BOMAG BW 211 D-5

BOMAG BW 211 PD-5

Weights

Grossweight	lb	28,418	28,109
Operating weight CECE w. ROPS-cabin	lb	23,369	26,676
Axle load, drum CECE	lb	12,500	15,807
Axle load, wheels CECE	lb	10,869	10,869
Static linear load CECE	lb/in	149.1	

Dimensions

Working width	in	83.9	83.9
Track radius, inner	in	144.9	144.9

Driving Characteristics

Speed (1)	mph	0- 3.1	0- 3.1
Speed (2)	mph	0- 3.7	0- 3.7
Speed (3)	mph	0- 5.0	0- 5.0
Speed (4)	mph	0- 6.8	0- 6.8
Max. gradeability without/with vibr.	%	51/48	54/51

Drive

Engine manufacturer		Deutz	Deutz
Type		TCD 3.6 L4	TCD 3.6 L4
Emission stage		Stage V	Stage V
Exhaust gas aftertreatment		DOC+DPF+SCR	DOC+DPF+SCR
Cooling		Liquid	Liquid
Number of cylinders		4	4
Performance ISO 3046	hp	127.4	127.4
Performance SAE J 1995	hp	128.0	128.0
Speed	rpm	2,000	2,000
Fuel		Diesel	Diesel
Electric equipment	V	12	12
Drive system		hydrost.	hydrost.
Drum driven		standard	standard

Drums and Tyres

Number of pad feet			150
Area of one pad foot	s1.in		21.2
Height of pad feet	in		3.9
Tyre size		23.1-26 12PR	23.1-26 12PR

Brakes

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

Steering

Steering system		oscil.artic.	oscil.artic.
Steering method		hydrost.	hydrost.
Steering / oscillating angle +/-	deg	35/12.0	35/12.0

Exciter system

Drive system		hydrost.	hydrost.
Frequency	vpm	1,800.0/2,040.0	1,800.0/2,040.0
Amplitude	in	0.077/0.039	0.067/0.035
Centrifugal force	lb	53,954/35,520	64,071/43,613
Centrifugal force	t	5,508/3,619	6,542/4,451

Capacities

Fuel	gal	66.0	66.0
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Technical modifications reserved. Machines may be shown with options.

Standard Equipment

- ☒ BOMAG ECOMODE
- ☒ Self locking differential
- ☒ Rear axle with twin spring accumulator brakes
- ☒ Hydrostatic travel and vibration drive
- ☒ Hydrostatic articulated steering
- ☒ Articulated joint lock
- ☒ Seat with arm rest and adj. for position and height
- ☒ Battery disconnect switch
- ☒ Single lever control for travel and vibration
- ☒ Warning, information and operation displays with LCD
- ☒ Loading mode
- ☒ Emergency STOP
- ☒ Working lights front / rear
- ☒ Back-up alarm
- ☒ 2 Scrapers
- ☒ Warning horn

Optional Equipment

- ☐ * ROPS/FOPS cabin with seat belts
 - Sliding window
- ☐ ROPS/FOPS with safety belt
- ☐ Rearview camera
- ☐ Air condition
- ☐ Radio (Bluetooth)
- ☐ Pre start cabin heating
- ☐ Comfort package: Adjustable seat and adjustable steering column
- ☐ Rotary beacon
- ☐ Indicator and hazard lights
- ☐ BOMAG ECOSTOP
- ☐ ECONOMIZER
- ☐ TERRAMETER
- ☐ BOMAG TELEMATIC POWER
- ☐ Special painting
- ☐ Padfoot segment kit (D)
- ☐ Environmentally compliant hydraulic oil
- ☐ Measuring- and machine data interface for third-party suppliers
- ☐ LED Working lights (Cabin)
- ☐ Reversing alarm buzzer with broad band audio

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



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