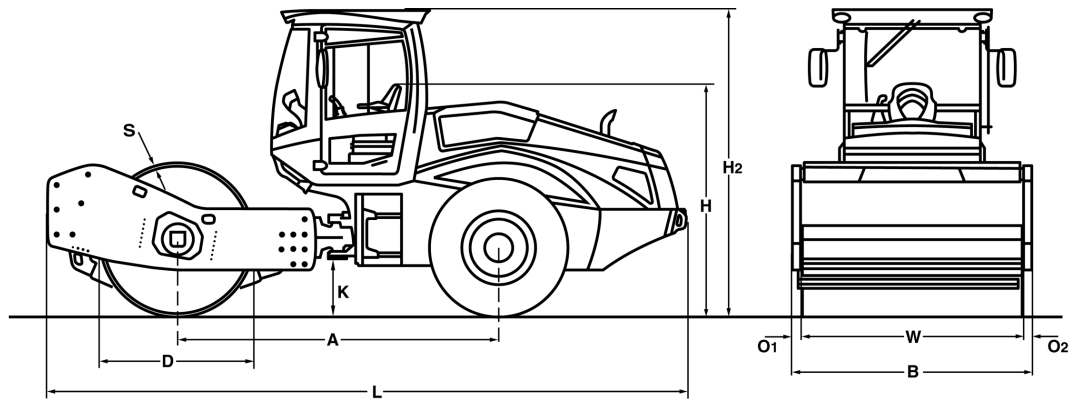


TECHNICAL DATA

SINGLE DRUM ROLLERS

BW 216 D-5, BW 216 PD-5





Dimensions in inch

	A	B	D	H	H2	K	L	O1	O2	S	W
BW 216 D-5	122.6	90.6	59.1	88.6	117.7	19.3	244.9	3.3	3.3	1.18	83.9
BW 216 PD-5	122.6	90.6	58.3	88.6	117.7	19.3	244.9	3.3	3.3	0.98	83.9

Shipping dimensions in cub.yd

BW 216 D-5
BW 216 PD-5

without ROPS

42,128
42,128

with ROPS

55,965
55,965

Machine type	Compaction output (cub.yd/h)			
	Rock fill	Gravel, sand	Mixed soil	Silt, clay
BW 216 D-5	850.2-1569.5	588.6-1203.3	444.7-889.4	274.7-549.3
BW 216 PD-5	850.2-1569.5	588.6-1203.3	444.7-889.4	327.0-654.0

Machine type	Compacted layer thickness (in)			
	Rock fill	Gravel, sand	Mixed soil	Silt, clay
BW 216 D-5	43.3	29.5	21.7	11.8
BW 216 PD-5	35.4	29.5	21.7	21.7

Technical Data

BOMAG BW 216 D-5

BOMAG BW 216 PD-5

Weights

Grossweight	lb	39,485	39,573
Operating weight CECE w. ROPS-cabin	lb	35,274	37,699
Axle load, drum CECE	lb	23,810	26,235
Axle load, wheels CECE	lb	11,464	11,464
Static linear load CECE	lb/in	283.9	

Dimensions

Working width	in	83.9	83.9
Track radius, inner	in	152.6	152.6

Driving Characteristics

Speed (1)	mph	0- 1.9	0- 1.9
Speed (2)	mph	0- 2.5	0- 2.5
Speed (3)	mph	0- 3.1	0- 3.1
Speed (4)	mph	0- 6.2	0- 6.2
Max. gradeability without/with vibr.	%	48/45	51/48

Drive

Engine manufacturer		Deutz	Deutz
Type		TCD 4.1 L4	TCD 4.1 L4
Emission stage		Stage V / TIER4f	Stage V / TIER4f
Exhaust gas aftertreatment		DOC+DPF+SCR	DOC+DPF+SCR
Cooling		Liquid	Liquid
Number of cylinders		4	4
Performance ISO 3046	hp	154.2	154.2
Performance SAE J 1995	hp	162.0	162.0
Speed	rpm	2,100	2,100
Fuel		Diesel	Diesel
Electric equipment	V	12	12
Drive system		hydrost.	hydrost.
Drum driven		standard	standard

Drums and Tires

Number of pad feet			150
Area of one pad foot	s1.in		21.2
Height of pad feet	in		3.9
Tire 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	1,800.0/2,160.0	1,800.0/2,160.0
Amplitude	in	0.083/0.043	0.067/0.035
Centrifugal force	lb	64,071/49,458	64,071/49,458
Centrifugal force	t	6,542/5,036	6,542/5,036

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 Scraper
- ☒ 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
- ☐ Reversing alarm buzzer with broad band audio
- ☐ LED Working lights (Cabin)
- ☐ Reversing alarm buzzer with broad band audio

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



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