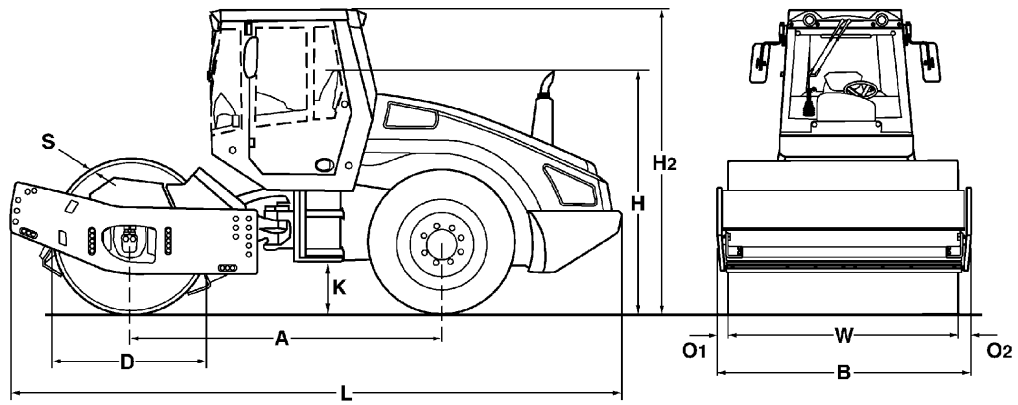


TECHNICAL DATA

SINGLE DRUM ROLLERS

BW 219 D-4, BW 219 PD-4





Dimensions in mm

	A	B	D	H	H2	K	L	O1	O2	S	W
BW 219 D-4	3255	2300	1600	2290	3025	450	6340	85	85	40	2130
BW 219 PD-4	3255	2300	1500	2290	3025	450	6340	85	85	35	2130

Shipping dimensions in m3

BW 219 D-4
BW 219 PD-4

without ROPS

33,393
33,393

with ROPS

44,111
44,111

Machine type	Compaction output (m3/h)			
	Rock fill	Gravel, sand	Mixed soil	Silt, clay
BW 219 D-4	940-1880	700-1400	560-960	250-500
BW 219 PD-4	940-1880	700-1400	560-960	280-560

Machine type	Compacted layer thickness (m)			
	Rock fill	Gravel, sand	Mixed soil	Silt, clay
BW 219 D-4	1,40	1,00	0,70	0,30
BW 219 PD-4	1,40	1,00	0,70	0,30

Technical Data

BOMAG BW 219 D-4

BOMAG BW 219 PD-4

Weights

Grossweight	kg	20.780	19.540
Operating weight CECE w. ROPS-cabin	kg	19.050	19.390
Axle load, drum CECE	kg	12.800	13.140
Axle load, wheels CECE	kg	6.250	6.250
Static linear load CECE	kg/cm	60,1	

Dimensions

Working width	mm	2.130	2.130
Track radius, inner	mm	3.890	3.890

Driving Characteristics

Speed (1)	km/h	0- 3,0	0- 3,0
Speed (2)	km/h	0- 4,0	0- 4,0
Speed (3)	km/h	0- 7,0	0- 7,0
Speed (4)	km/h	0- 11,0	0- 11,0
Max. gradeability without/with vibr.	%	50/48	52/50

Drive

Engine manufacturer		Deutz	Deutz
Type		TCD 2012 L06	TCD 2012 L06
Emission stage		Stage IIIa / TIER3	Stage IIIa / TIER3
Cooling		water	water
Number of cylinders		6	6
Performance ISO 3046	kW	150,0	150,0
Performance SAE J 1995	hp	201,0	201,0
Speed	min-1	2.200	2.200
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	cm2		137
Height of pad feet	mm		100
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 +/-	grad	35/12	35/12

Exciter system

Drive system		hydrost.	hydrost.
Frequency	Hz	26/31	26/31
Amplitude	mm	2,00/1,10	1,70/1,10
Centrifugal force	kN	314/240	314/240
Centrifugal force	t	32,0/24,5	32,0/24,5

Capacities

Fuel	l	340,0	340,0
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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
- ☒ Shock-mounted swivel seat, adjustable in height and length (Cabin)
- ☒ Contact scrapers (D:Plastic)
- ☒ Scrapers (PD:Steel)
- ☒ Emergency STOP
- ☒ Noise insulation
- ☒ Back-up warning system

Optional Equipment

- ☐ ROPS/FOPS cabin with seat belts
- ☐ Working lights front/rear
- ☐ ROPS with safety belt
- ☐ Rotary beacon
- ☐ Indicator and hazard lights
- ☐ Contact scrapers (D:Steel)
- ☐ BOMAG Evib-Meter (BEM)
- ☐ TERRAMETER BTM prof
- ☐ BCM 05 Documentation system
- ☐ Special painting
- ☐ Environmentally compliant hydraulic oil
- ☐ Air condition
- ☐ Sun roof
- ☐ Warning, information and operation displays
- ☐ Padfoot segment kit (D)
- ☐ Radio (Bluetooth)
- ☐ Protective ventilation system



PRE 582 34 010

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