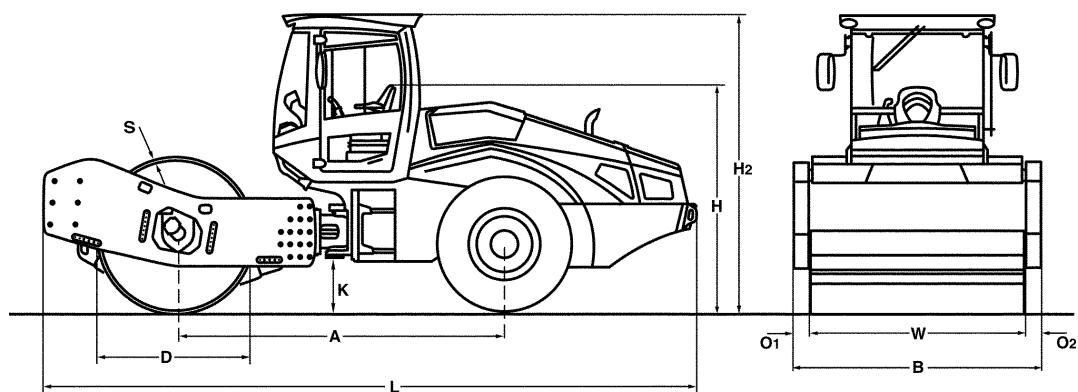


TECHNICAL DATA

SINGLE DRUM ROLLER

BW 220 D-5 CL





Dimensions in mm

	A	B	D	H	H2	K	L	O1	O2	S	W
BW 220 D-5 CL	3255	2300	1600	2300	3030	530	6518	85	85	40	2130

Shipping dimensions in m3

BW 220 D-5 CL

without ROPS

34,480

with ROPS

45,424

Machine type	Compaction output (m3/h)			
	Rock fill	Gravel, sand	Mixed soil	Silt, clay
BW 220 D-5 CL	940-1880	700-1400	560-960	250-500

Machine type	Compacted layer thickness (m)			
	Rock fill	Gravel, sand	Mixed soil	Silt, clay
BW 220 D-5 CL	1,40	1,00	0,70	0,30

Technical Data

BOMAG BW 220 D-5 CL

Weights

Grossweight	kg	22.500
Operating weight CECE w. ROPS-cabin	kg	20.200
Axle load, drum CECE	kg	13.260
Axle load, wheels CECE	kg	6.940
Static linear load CECE	kg/cm	62,3

Dimensions

Working width	mm	2.130
Track radius, inner	mm	4.120

Driving Characteristics

Speed (1)	km/h	0- 4,0
Speed (2)	km/h	0- 5,0
Speed (3)	km/h	0- 6,0
Speed (4)	km/h	0- 9,0
Max. gradeability (dep. on soil con.)	%	46

Drive

Engine manufacturer		Cummins
Engine type		QSB5.9-C190-31
Emission stage		Stage IIIa / TIER3
Cooling		water
Number of cylinders		6
Performance ISO 3046	kW	142,0
Performance SAE J 1995	hp	190,0
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	28/33
Amplitude	mm	2,10/1,20
Centrifugal force	kN	368/278
Centrifugal force	t	37,5/28,4

Capacities

Fuel	l	280,0
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Technical modifications reserved. Machines may be shown with options.

Standard Equipment

- ☒ ROPS/FOPS cabin with seat belts
- ☒ Air condition
- ☒ BOMAG ECOSTOP
- ☒ Rear axle with twin spring accumulator brakes
- ☒ Hydrostatic travel and vibration drive
- ☒ Hydrostatic articulated steering
- ☒ Articulated joint lock
- ☒ Sliding window
- ☒ Battery disconnect switch
- ☒ Single lever control for travel and vibration
- ☒ Warning, information and operation displays with LCD
- ☒ Emergency STOP
- ☒ Working lights front / rear
- ☒ Back-up alarm
- ☒ 2 Scraper
- ☒ Warning horn

Optional Equipment

- ☐ ECONOMIZER
- ☐ TERRAMETER
- ☐ BOMAG TELEMATIC POWER
- ☐ Padfoot segment kit
- ☐ Measuring- and machine data interface for third-party suppliers
- ☐ BOMAP
- ☐ Tablet holder set
- ☐ BOMAP GPS antenna set
- ☐ BOMAP GPS antenna holder
- ☐ JOBLINK measuring technology interface

