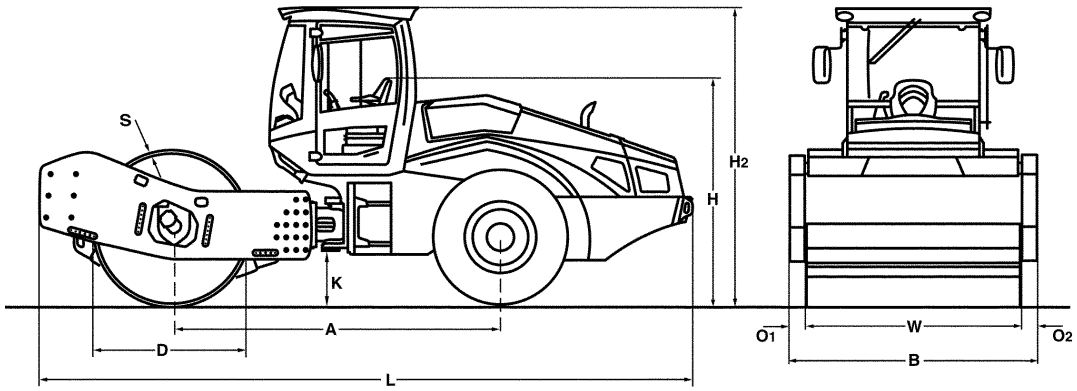
TECHNICAL DATA

BOMAG VARIOCONTROL (BVC)

BW 219 BVC-5 PL





Dimensions in mm

	A	B	D	H	H2	K	L	O1	O2	S	W
BW 219 BVC-5 PL	3255	2300	1600	2300	3040	495	6500	85	85	40	2130

Shipping dimensions in m3	**without ROPS**	**with ROPS**
BW 219 BVC-5 PL	34,385	45,448

Machine type	**Compaction output (m3/h)**			
	Rock fill	**Gravel, sand**	**Mixed soil**	**Silt, clay**
BW 219 BVC-5 PL	940-1880	800-1520	580-980	310-590

Machine type	**Compacted layer thickness (m)**			
	Rock fill	**Gravel, sand**	**Mixed soil**	**Silt, clay**
BW 219 BVC-5 PL	1,70	1,20	0,85	0,40

Technical Data

BOMAG
BW 219 BVC-5 PL

Weights

Grossweight	kg	23.000
Operating weight CECE w. ROPS-cabin	kg	20.300
Axle load, drum CECE	kg	13.500
Axle load, wheels CECE	kg	6.800
Static linear load CECE	kg/cm	63,4

Dimensions

Working width	mm	2.130
Track radius, inner	mm	4.120

Driving Characteristics

Speed	km/h	0- 10,0
Max. gradeability without/with vibr.	%	59/56

Drive

Engine manufacturer		Deutz
Engine type		TCD 6.1 L6
Emission stage		Stage V / TIER4f
Exhaust gas aftertreatment		DOC+DPF+SCR
Cooling		Liquid
Number of cylinders		6
Performance ISO 3046	kW	150,0
Performance SAE J 1995	hp	202,0
Speed	min-1	2.300
Fuel		Diesel
Electric equipment	V	12
Drive system		hydrost.
Drum driven		standard

Drums and Tyres

Tyre size		23,1-26 12PR

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	26
Amplitude (1)	mm	0 - 2,70
Centrifugal force	kN	500
Centrifugal force	t	51,0

Capacities

Fuel	l	280,0

Technical modifications reserved. Machines may be shown with options.

Standard Equipment

- ☑ BOMAG ECOMODE
- ☑ BOMAG VARIOCONTROL
- ☑ TERRAMETER
- ☑ Oscillation mode
- ☑ Warning, information and operation displays with LCD
- ☑ Hydrostatic travel and vibration drive
- ☑ Hydrostatic articulated steering
- ☑ Articulated joint lock
- ☑ Rear axle with twin spring accumulator brakes
- ☑ Self locking differential
- ☑ Warning horn
- ☑ Single lever control for travel and vibration
- ☑ Seat with arm rest and adj. for position and height
- ☑ 2 Scraper
- ☑ Emergency STOP
- ☑ Back-up alarm
- ☑ Working lights front / rear
- ☑ Double pump system for travel drive
- ☑ Loading mode
- ☑ Battery disconnect switch
- ☑ BOMAG TELEMATIC
- ☑ Tinted safety glass panes
- ☑ Measuring- and machine data interface

Optional Equipment

- ☐ * ROPS/FOPS cabin with seat belts
  - Sliding window
- ☐ Air condition
- ☐ Rearview camera
- ☐ BOMAG ECOSTOP
- ☐ Padfoot segment kit
- ☐ Radio (DAB)
- ☐ Indicator and hazard lights
- ☐ Special painting
- ☐ Rotary beacon
- ☐ Pre start cabin heating
- ☐ Environmentally compliant hydraulic oil
- ☐ Comfort package: Adjustable seat and adjustable steering column
- ☐ Comfort package PLUS:
  -Air suspended seat, swivel
  -Adjustable steering column
- ☐ Comfort package PLUS 2:
  -Air suspended seat, swivel
  -Adjustable steering column
- ☐ Reversing alarm buzzer with broad band audio
- ☐ LED working lights
- ☐ Highly wear resistant drum
- ☐ Fleet Management Access
- ☐ 360° Camera system
- ☐ Remote Control
- ☐ Tractor tires
- ☐ Rock tyre
- ☐ Radial tires
- ☐ Protective ventilation pre-installation
- ☐ Cold start device
- ☐ Quick refuelling system
- ☐ BOMAP GPS antenna set
- ☐ BOMAP GPS antenna holder
- ☐ Tablet holder set
- ☐ JOBLINK measuring technology interface

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

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