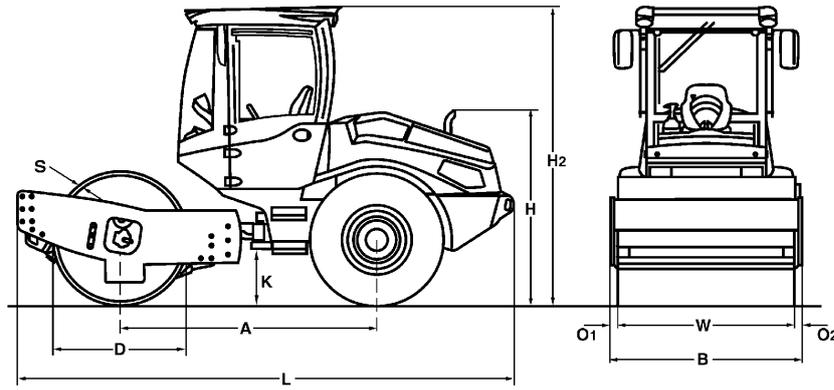


TECHNICAL DATA

SINGLE DRUM ROLLER

BW 145 D-5 PL





Dimensions in inch

	A	B	D	H	H2	K	L	O1	O1	S	W
BW 145 D-5 PL	88.6	61.4	41.7	61.8	107.1	12.6	172.0	2.6	2.6	0.79	56.1

Shipping dimensions in cub.yd

BW 145 D-5 PL

without ROPS

13,986

with ROPS

24,239

Machine type	Compaction output (cub.yd/h)			
	Rock fill	Gravel, sand	Mixed soil	Silt, clay
BW 145 D-5 PL	-	209.3-418.5	157.0-313.9	78.5-157.0

Machine type	Compacted layer thickness (in)			
	Rock fill	Gravel, sand	Mixed soil	Silt, clay
BW 145 D-5 PL	0.0--	15.7	11.8	5.9

Technical Data**BOMAG
BW 145 D-5 PL****Weights**

Grossweight	lb	12,346
Operating weight CECE w. ROPS-cabin	lb	10,472
Axle load, drum CECE	lb	5,490
Axle load, wheels CECE	lb	4,982
Static linear load CECE	lb/in	97.8

Dimensions

Working width	in	56.1
Track radius, inner	in	113.8

Driving Characteristics

Speed (1)	mph	0- 2.5
Speed (2)	mph	0- 2.8
Speed (3)	mph	0- 4.0
Speed (4)	mph	0- 5.6
Max. gradeability without/with vibr.	%	51/48

Drive

Engine manufacturer		Deutz
Engine type		TD 2.9 L04
Emission stage		Stage IIIb / TIER4
Cooling		water
Number of cylinders		4
Performance ISO 3046	hp	74.3
Performance SAE J 1995	hp	75.0
Speed	rpm	2,400
Fuel		Diesel
Electric equipment	V	12
Drive system		hydrost.
Drum driven		standard

Drums and Tires

Tire size		12.5-20 12PR
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Brakes

Service brake		hydrost.
Parking brake		hydromec.

Steering

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

Exciter system

Drive system		hydrost.
Frequency	vpm	1,860.0/2,100.0
Amplitude	in	0.067/0.032
Centrifugal force	lb	17,985/12,589
Centrifugal force	t	1,843/1,281

Capacities

Fuel	gal	29.1
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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
- Warning, information and operation displays
- Single lever control for travel and vibration
- Emergency STOP
- Warning horn
- Back-up warning system
- 1 Scraper
- BOMAG TELEMATIC
- Tinted safety glass panes

Optional Equipment

- ROPS cabin with seat belts
- ROPS/FOPS with safety belt
- Indicator and hazard lights
- Rotary beacon
- Rearview camera
- Air condition
- Sliding window
- Radio (DAB)
- BOMAG ECOSTOP
- ECONOMIZER
- TERRAMETER
- Fleet Management Access
- Special painting
- Reversing alarm buzzer with broad band audio
- Padfoot segment kit
- 2 Contact scrapers
- Environmentally compliant hydraulic oil
- Tractor tires
- LED working lights
- Comfort package: Adjustable seat and adjustable steering column
- 360° Camera system
- Measuring- and machine data interface
- Seat belt warning indicator
- Cold start device
- BOMAP GPS antenna set
- BOMAP GPS antenna holder
- Tablet holder set
- JOBLINK measuring technology interface

