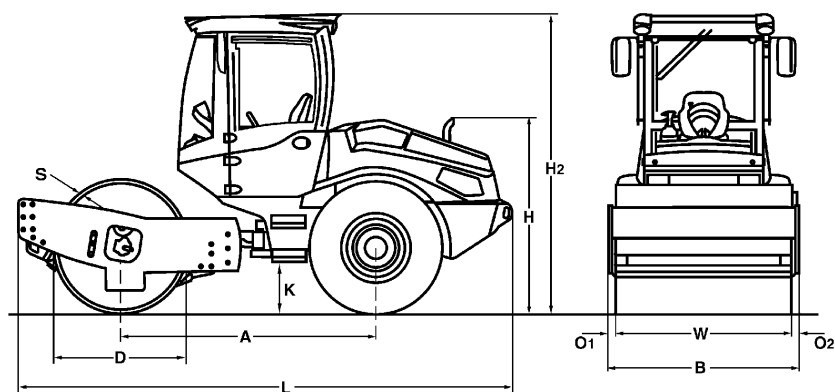


TECHNICAL DATA

SINGLE DRUM ROLLER

BW 177 BVO-5 PL





Dimensions in inch

	A	B	D	H	H2	K	L	O1	O2	S	W
BW 177 BVO-5 PL	92.5	71.7	48.4	68.9	110.2	15.0	179.1	2.6	2.6	0.79	66.5

Shipping dimensions in cub.yd

BW 177 BVO-5 PL

without ROPS

18.961

with ROPS

30.326

Machine type	Compaction output (cub.yd/h)			
	Rock fill	Gravel, sand	Mixed soil	Silt, clay
BW 177 BVO-5 PL	483.9-967.9	313.9-627.8	248.5-497.0	124.3-248.5

Machine type	Compacted layer thickness (in)			
	Rock fill	Gravel, sand	Mixed soil	Silt, clay
BW 177 BVO-5 PL	31.5	19.7	15.7	7.9

Technical Data

BOMAG BW 177 BVO-5 PL

Weights

Grossweight	lb	17,637
Operating weight CECE w. ROPS-cabin	lb	15,432
Axle load, drum CECE	lb	9,370
Axle load, wheels CECE	lb	6,063
Static linear load CECE	lb/in	140.8

Dimensions

Working width	in	66.5
Track radius, inner	in	117.1

Driving Characteristics

Speed (1)	mph	0-10
Max. gradeability without/with vibr.	%	60/57

Drive

Engine manufacturer		Kubota
Engine type		V3307
Emission stage		Stage V / TIER4f
Exhaust gas aftertreatment		DOC+DPF
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 Tyres

Tyre size	14.9-24/8PR
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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 (1)	vpm	28
Amplitude (1)	in	0.087
Amplitude (2)	in	0.032
Centrifugal force	lb	150.00/55.00
Centrifugal force	t	15.3/5.6
Oscillation		
O. Amplitude 1	in	0.087

Capacities

Fuel	gal	29.1
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Technical modifications reserved. Machines may be shown with options.

Standard Equipment

- ☒ BOMAG ECOMODE
- ☒ Oscillation mode
- ☒ Double pump system for travel drive
- ☒ 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
- ☒ Reversing alarm buzzer with broad band audio
- ☒ Single lever control for travel and vibration
- ☒ Back-up warning system
- ☒ 2 Contact scrapers Plastic
- ☒ BOMAG TELEMATIC

Optional Equipment

- ☐ ROPS cabin with seat belts
- ☐ Air condition
- ☐ Sliding window
- ☐ Radio (DAB)
- ☐ Adjustable steering column
- ☐ BOMAG ECOSTOP
- ☐ Rotary beacon
- ☐ Indicator and hazard lights
- ☐ Padfoot segment kit
- ☐ Special painting
- ☐ Environmentally compliant hydraulic oil
- ☐ Rearview camera
- ☐ Tractor tires
- ☐ Measuring- and machine data interface for third-party suppliers
- ☐ LED Working lights (Cabin)
- ☐ Radio remote control
- ☐ 360° Camera system
- ☐ TERRAMETER



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