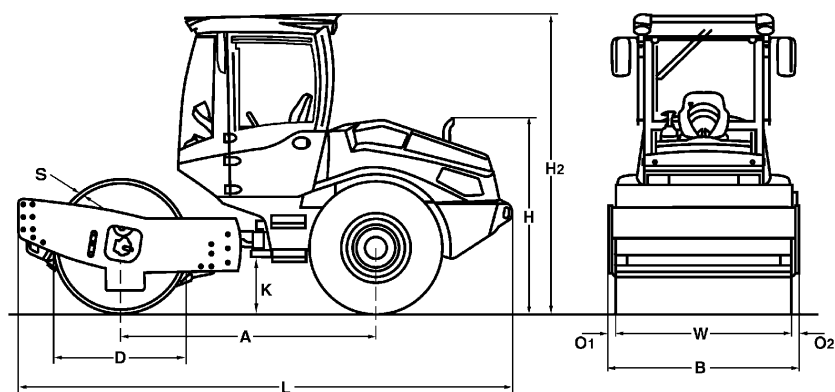


TECHNICAL DATA

SINGLE DRUM ROLLERS

BW 145 D-5 PL, BW 145 DH-5 PL, BW 145 PDH-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	56.3
BW 145 DH-5 PL	88.6	61.4	41.7	61.8	107.1	12.6	172.0	2.6	2.6	0.79	56.3
BW 145 PDH-5 PL	88.6	61.4	41.1	61.8	107.1	12.6	172.0	2.6	2.6	0.59	56.3

Shipping dimensions in cub.yd

BW 145 D-5 PL
BW 145 DH-5 PL
BW 145 PDH-5 PL

without ROPS

13,986
13,986
13,986

with ROPS

24,239
24,239
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
BW 145 DH-5 PL	-	209.3-418.5	157.0-313.9	78.5-157.0
BW 145 PDH-5 PL	-	209.3-418.5	157.0-313.9	104.6-209.3

Machine type	Compacted layer thickness (m)			
	Rock fill	Gravel, sand	Mixed soil	Silt, clay
BW 145 D-5 PL	0.0--	15.7	11.8	5.9
BW 145 DH-5 PL	0.0--	15.7	11.8	5.9
BW 145 PDH-5 PL	0.0--	15.7	11.8	7.9

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

Grossweight	lb	12,346	13,228	12,346
Operating weight CECE w. ROPS-cabin	lb	10,472	10,626	11,177
Axle load, drum CECE	lb	5,490	5,556	6,107
Axle load, wheels CECE	lb	4,982	5,071	5,071
Static linear load CECE	lb/in	97.5	98.7	

Dimensions

Working width	in	56.3	56.3	56.3
Track radius, inner	in	113.8	113.8	113.8

Driving Characteristics

Speed (1)	mph	0- 2.5	0- 6.2	0- 6.2
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	64/59	64/59

Drive

Engine manufacturer		Kubota	Kubota	Kubota
Type		V3307 CR-T	V3307 CR-T	V3307 CR-T
Emission stage		Stage V / TIER4f	Stage V / TIER4f	Stage V / TIER4f
Exhaust gas aftertreatment		DOC+DPF	DOC+DPF	DOC+DPF
Cooling		Liquid	Liquid	Liquid
Number of cylinders		4	4	4
Performance ISO 3046	hp	74.3	74.3	74.3
Performance SAE J 1995	hp	75.0	75.0	75.0
Speed	rpm	2,400	2,400	2,400
Fuel		Diesel	Diesel	Diesel
Electric equipment	V	12	12	12
Drive system		hydrost.	hydrost.	hydrost.
Drum driven		standard	standard	standard

Drums and Tyres

Tyre size		12.5-20 12PR	12.5-20 12PR	12.4-24/8PR
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Brakes

Service brake		hydrost.	hydrost.	hydrost.
Parking brake		hydromec.	hydromec.	hydromec.

Steering

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

Exciter system

Drive system		hydrost.	hydrost.	hydrost.
Frequency	vpm	1,860.0/2,100.0	1,860.0/2,100.0	1,860.0/2,100.0
Amplitude	in	0.067/0.032	0.067/0.032	0.057/0.028
Centrifugal force	lb	17,985/12,589	17,985/12,589	17,985/12,589
Centrifugal force	t	1,843/1,281	1,843/1,281	1,843/1,281

Capacities

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

Standard Equipment

- ☒ BOMAG ECOMODE
- ☒ Double pump system for travel drive (DH/PDH)
- ☒ 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
- ☒ Back-up warning system
- ☒ 1 Scraper (D/DH)
- ☒ 2 Scraper (PDH)
- ☒ Tractor tires (PDH)

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
- ☐ BOMAG TELEMATIC
- ☐ Special painting
- ☐ Reversing alarm buzzer with broad band audio
- ☐ Padfoot segment kit (D/DH)
- ☐ 2 Contact scrapers (D/DH)
- ☐ Dozer blade (DH/PDH)
- ☐ Environmentally compliant hydraulic oil
- ☐ Tractor tires (D/DH)
- ☐ LED Working lights (Cabin)
- ☐ Comfort package
- ☐ 360° Camera system



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