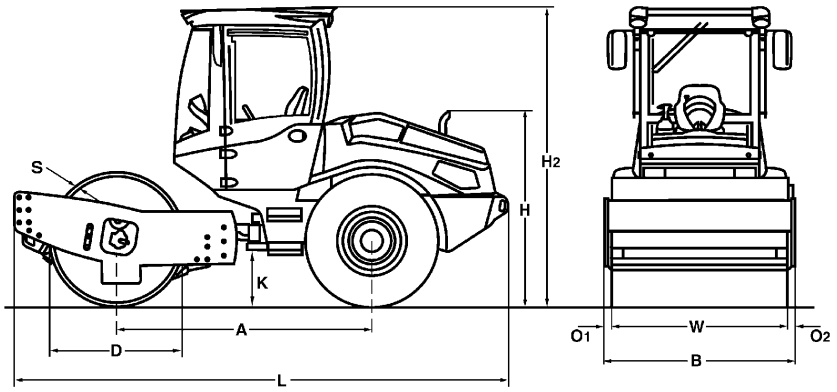
TECHNICAL DATA

SINGLE DRUM ROLLERS

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





Dimensions in mm

	A	B	D	H	H2	K	L	O1	O1	S	W
BW 145 D-5 PL	2250	1560	1060	1570	2720	320	4370	65	65	20	1430
BW 145 DH-5 PL	2250	1560	1060	1570	2720	320	4370	65	65	20	1430
BW 145 PDH-5 PL	2250	1560	1045	1570	2720	320	4370	65	65	15	1430

Shipping dimensions in m3	**without ROPS**	**with ROPS**
BW 145 D-5 PL	10,703	18,543
BW 145 DH-5 PL	10,703	18,543
BW 145 PDH-5 PL	10,703	18,543

Machine type	**Compaction output (m3/h)**			
	Rock fill	**Gravel, sand**	**Mixed soil**	**Silt, clay**
BW 145 D-5 PL	-	160-320	120-240	60-120
BW 145 DH-5 PL	-	160-320	120-240	60-120
BW 145 PDH-5 PL	-	160-320	120-240	80-160

Machine type	**Compacted layer thickness (m)**			
	Rock fill	**Gravel, sand**	**Mixed soil**	**Silt, clay**
BW 145 D-5 PL	-	0,40	0,30	0,15
BW 145 DH-5 PL	-	0,40	0,30	0,15
BW 145 PDH-5 PL	-	0,40	0,30	0,20

Technical Data		BOMAG BW 145 D-5 PL	BOMAG BW 145 DH-5 PL	BOMAG BW 145 PDH-5 PL
Weights				
Grossweight	kg	5.600	6.000	5.600
Operating weight CECE w. ROPS-cabin	kg	4.750	4.820	5.070
Axle load, drum CECE	kg	2.490	2.520	2.770
Axle load, wheels CECE	kg	2.260	2.300	2.300
Static linear load CECE	kg/cm	17,4	17,6	
Dimensions				
Working width	mm	1.430	1.430	1.430
Track radius, inner	mm	2.890	2.890	2.890
Driving Characteristics				
Speed (1)	km/h	0- 4,0	0- 10,0	0- 10,0
Speed (2)	km/h	0- 4,5		
Speed (3)	km/h	0- 6,5		
Speed (4)	km/h	0- 9,0		
Max. gradeability without/with vibr.	%	51/48	64/59	64/59
Drive				
Engine manufacturer		Kubota	Kubota	Kubota
Engine 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		water	water	water
Number of cylinders		4	4	4
Performance ISO 3046	kW	53,8	53,8	53,8
Performance SAE J 1995	hp	75,0	75,0	75,0
Speed	min-1	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
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 +/-	grad	35/12	35/12	35/12
Exciter system				
Drive system		hydrost.	hydrost.	hydrost.
Frequency	Hz	31/35	31/35	31/35
Amplitude	mm	1,70/0,80	1,70/0,80	1,45/0,70
Centrifugal force	kN	80/56	80/56	80/56
Centrifugal force	t	8,2/5,7	8,2/5,7	8,2/5,7
Capacities				
Fuel	l	110,0	110,0	110,0

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)
- ☑ 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 (D/DH)
- ☐ 2 Contact scrapers (D/DH)
- ☐ Dozer blade (DH/PDH)
- ☐ Environmentally compliant hydraulic oil
- ☐ Tractor tires (D/DH)
- ☐ LED working lights
- ☐ Comfort package
- ☐ 360° Camera system
- ☐ Measuring- and machine data interface
- ☐ Remote Control
- ☐ Tractor tires (DH/PDH)
- ☐ Cold start device
- ☐ BOMAP GPS antenna set
- ☐ BOMAP GPS antenna holder
- ☐ JOBLINK measuring technology interface

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