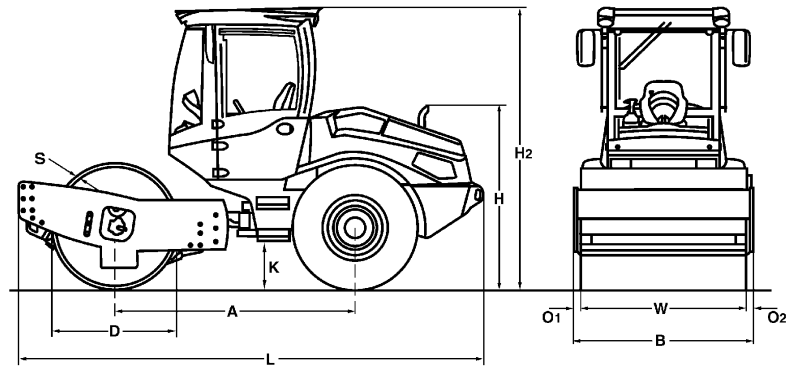


# TECHNICAL DATA

SINGLE DRUM ROLLERS

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





**Dimensions in in**

	<b>A</b>	<b>B</b>	<b>D</b>	<b>H</b>	<b>H2</b>	<b>K</b>	<b>L</b>	<b>O1</b>	<b>O1</b>	<b>S</b>	<b>W</b>
<b>BW 145 D-5</b>	88.6	61.3	41.7	61.8	107.1	12.6	171.8	2.6	2.6	0.8	56.1
<b>BW 145 DH-5</b>	88.6	61.3	41.7	61.8	107.1	12.6	171.8	2.6	2.6	0.8	56.1
<b>BW 145 PDH-5</b>	88.6	61.3	41.1	61.8	107.1	12.6	171.8	2.6	2.6	0.6	56.1

**Shipping dimensions in cub.yd**

**BW 145 D-5**  
**BW 145 DH-5**  
**BW 145 PDH-5**

**without ROPS**

13.956  
13.956  
13.956

**with ROPS**

24.185  
24.185  
24.185

<b>Machine type</b>	<b>Compaction output (cub.yd/h)</b>			
	<b>Rock fill</b>	<b>Gravel, sand</b>	<b>Mixed soil</b>	<b>Silt, clay</b>
BW 145 D-5	-	209.3-418.5	157.0-313.9	78.5-157.0
BW 145 DH-5	-	209.3-418.5	157.0-313.9	78.5-157.0
BW 145 PDH-5	-	209.3-418.5	157.0-313.9	104.6-209.3

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

**Technical Data****BOMAG  
BW 145 D-5****BOMAG  
BW 145 DH-5****BOMAG  
BW 145 PDH-5****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	97.8	99.0	

**Dimensions**

Working width .....	in	56.1	56.1	56.1
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 IV / TIER4f	Stage IV / TIER4f	Stage IV / TIER4f
Cooling .....		water	water	water
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 .....	min-1	2,400	2,400	2,400
Fuel .....		diesel	diesel	diesel
Electric equipment .....	V	12	12	12
Drive system .....		hydrost. standard	hydrost. standard	hydrost. standard
Drum driven .....				

**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	1,860/2,100	1,860/2,100	1,860/2,100
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

**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)
- Warning, information and operation displays
- Hydrostatic travel and vibration drive
- Hydrostatic articulated steering
- Articulated joint lock
- Rear axle with twin spring accumulator brakes
- No-Spin differential lock
- Warning horn
- Single lever control for travel and vibration
- 1 Scrapers (D/DH)
- 2 Scrapers (PDH)
- Emergency STOP
- Noise insulation
- Back-up warning system
- Tractor tires (PDH)

### Optional Equipment

- \* ROPS cabin with seat belts
- \* Working lights front/rear
- Air condition
- Adjustable steering column
- Sliding window
- Radio (Bluetooth)
- ROPS/FOPS with safety belt
- BOMAG ECOSTOP
- TERRAMETER
- Printer for TERRAMETER
- Rotary beacon
- BCM 05 Documentation system
- Special painting
- Backup warning buzzer with broadband technology
- BOMAG TELEMATIC
- Tractor tires (D/DH)
- Rearview camera
- Environmentally compliant hydraulic oil
- Indicator and hazard lights
- Padfoot segment kit (D/DH)
- 2 Contact scrapers (D/DH)
- Dozer blade (DH/PDH)

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



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