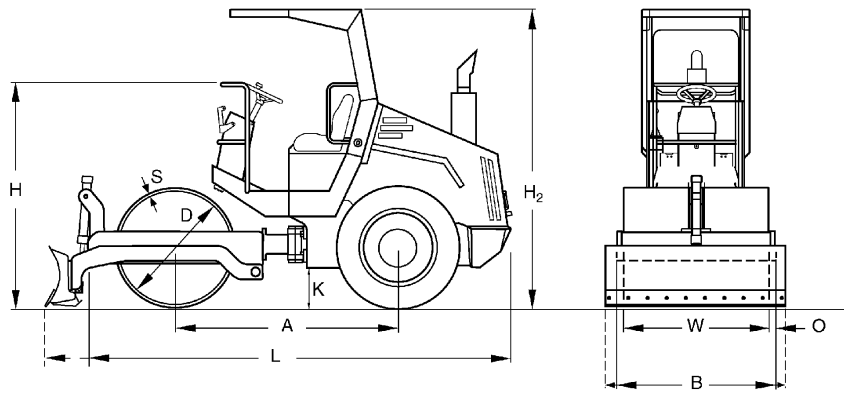


TECHNICAL DATA

SINGLE DRUM ROLLERS

BW 124 DH, BW 124 PDH, BW 124 PDH (B)





Dimensions in mm

	A	B	D	H	H2	K	L	O	S	W
BW 124 DH	1805	1310	960	1850	2491	320	3350	55	15	1200
BW 124 PDH	1805	1310	890	1850	2491	320	3350	55	15	1200
BW 124 PDH (B)	1805	1515	890	1850	2491	320	3900	55	15	1200

Shipping dimensions in m3

BW 124 DH
BW 124 PDH
BW 124 PDH (B)

without ROPS

8,119
8,119
10,931

with ROPS

10,932
10,932
14,718

Machine type	Compaction output (m3/h)			
	Rock fill	Gravel, sand	Mixed soil	Silt, clay
BW 124 DH	-	105-210	75-150	40-90
BW 124 PDH	-	105-210	75-150	50-100

Machine type	Compacted layer thickness (m)			
	Rock fill	Gravel, sand	Mixed soil	Silt, clay
BW 124 DH	-	0,35	0,25	0,15
BW 124 PDH	-	0,35	0,25	0,20

Technical Data**BOMAG
BW 124 DH****BOMAG
BW 124 PDH****BOMAG
BW 124 PDH (B)****Weights**

Grossweight	kg	3.850	3.900	3.900
Operating weight CECE	kg	3.300	3.350	3.880
Axle load, drum / wheels CECE	kg	1.600/1.700	1.650/1.700	1.950/1.730
Static linear load CECE	kg/cm	13,3		

Dimensions

Working width	mm	1.200	1.200	1.200
Track radius, inner	mm	2.240	2.240	2.240

Driving Characteristics

Speed	km/h	0- 9,0	0- 9,0	0- 9,0
Max. gradeability without/with vibr. ...	%	55/55	55/55	55/55

Drive

Engine manufacturer		Deutz	Deutz	Deutz
Type		D 2011 L3i	D 2011 L3i	D 2011 L3i
Emission stage		Stage IIIb / TIER4i	Stage IIIa / TIER4i	Stage IIIb / TIER4i
Cooling		Air - oil	Air - oil	Air - oil
Number of cylinders		3	3	3
Performance ISO 3046	kW	33,0	33,0	33,0
Performance SAE J 1995	hp	45,0	45,0	45,0
Speed	min-1	2.500	2.500	2.500
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		9.5-24 4PR	9.5-24	9.5-24
Number of pad feet			70	70
Area of one pad foot	cm2		81	81
Height of pad feet	mm		55	55

Dozer Blade

Width / height	mm			1.515/500
Height adjustment over ground level .	mm			405
Height adjustment below ground level	mm			180
Swivelling angle for tilt +/-	grad			22

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	41/41	41/41	41/41
Amplitude	mm	1,70/0,85	1,60/0,80	1,60/0,80
Centrifugal force	kN	85/43	85/43	85/43

Capacities

Fuel	l	60,0	60,0	60,0
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Technical modifications reserved. Machines may be shown with options.

Standard Equipment

- Hydrostatic travel and vibration drive
- Double pump system for travel drive
- Rear axle with twin spring accumulator brakes
- Differential lock
- Hydrostatic articulated steering
- Contact scrapers
- Operating/Control Equipment
 - Hour meter
 - Charge control
 - Parking brake
 - Engine oil pressure
 - Engine temperature
 - air cleaner pollution
 - Fuel level indicator
- Warning horn
- Transport lashing and lifting points front/rear
- Lockable anti vandal dashboard protection
- Back-up alarm
- Emergency stop button
- ROPS/FOPS with safety belt
- Working lights
- Seat contact switch

Optional Equipment

- Dozer blade BW124PDH(B)
- Special painting
- Rotary beacon

