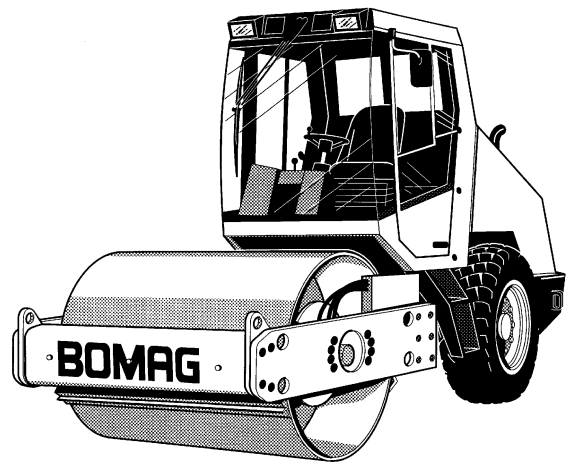


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SINGLE DRUM VIBRATORY ROLLERS BW 177 D-3, BW 177 DH-3, BW 177 PDH-3

PERFORMANCE DATA



Machine type	Compaction output (m ³ /h)			
	Rock fill	Gravel, sand	mixed soil	Silt, clay
BW 177 D-3	-	210-420	160-320	70-140
BW 177 DH-3	-	210-420	160-320	70-140
BW 177 PDH-3	-	210-420	160-320	95-190

Machine type	Compacted layer thickness (m)			
	Rock fill	Gravel, sand	mixed soil	Silt, clay
BW 177 D-3	-	0,45	0,35	0,15
BW 177 DH-3	-	0,45	0,35	0,15
BW 177 PDH-3	-	0,45	0,35	0,20

TECHNICAL DATA

Shipping dimensions in m3	without ROPS	with ROPS
BW 177 D-3	18,971	25,227
BW 177 DH-3	18,971	25,227
BW 177 PDH-3	18,971	25,227

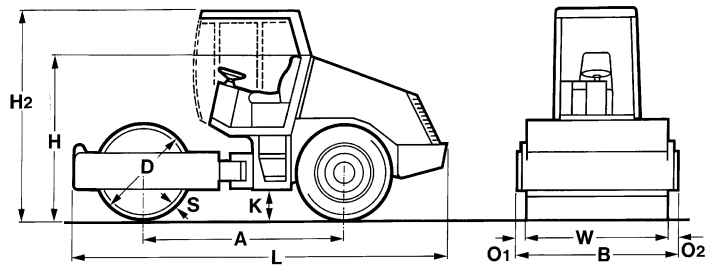
Standard Equipment

- Hydrostatic travel and vibration drive
- Anti Slip Control (ASC) -DH/PDH
- Hydrostatic articulated steering
- Articulated joint lock
- Rear axle with twin spring accumulator brakes
- No-Spin differential lock
- Hour meter
- Warning horn
- Fuel level indicator
- Audio/visual warning indicators:
 - Engine oil pressure
 - Engine temperature
 - Hydraulic oil filter
 - Air filter vacuum
 - Brake control
 - Charge control
- Single lever control for travel and vibration
- Seat with arm rest and adj. for position and height
- Scrapers
- Towing hooks front/rear
- Emergency STOP
- Noise insulation
- Back-up warning system

Optional Equipment

- * ROPS cabin with seat belts
- * Working lights front/rear
- ROPS / FOPS with safety belt
- Lockable control panel
- Rotary beacon
- Indicator and hazard lights
- Smooth drum conversion kit
- Padfoot drum conversion kit
- Padfoot segment kit
- Contact scrapers
- Omegameter
- Terrameter
- Terrameter / BCM 03
- Special painting
- Environmental awareness hydraulic lubricant
- Seat with inclination adjustment
- Joystick steering
- Air condition
- Ballast
- Sun roof

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



Dimensions in mm

	A	B	D	H	H2	K	L	O1	O2	S	W
BW 177 D-3	2492	1816	1228	2132	2835	354	4900	65	65	25	1686
BW 177 DH-3	2492	1816	1228	2132	2835	354	4900	65	65	25	1686
BW 177 PDH-3	2492	1816	1208	2132	2835	354	4900	65	65	15	1686

Technical data

	BOMAG BW 177 D-3	BOMAG BW 177 DH-3	BOMAG BW 177 PDH-3
Weights			
Operating weight CECE w. ROPS-cabin ...	kg 7320	7450	7610
Axle load, drum CECE	kg 3950	4080	4240
Axle load, wheels CECE	kg 3370	3370	3370
Static linear load CECE	kg/cm 23,4	24,2	
Dimensions			
Working width	mm 1686	1686	1686
Track radius, inner	mm 3120	3120	3120
Dimensions	see sketch	see sketch	see sketch
Driving Characteristics			
Speed (1)	km/h 0-6	0-4	0-4
Speed (2)	km/h 0-10	0-6,5	0-6,5
Speed (3)	km/h 0-14	0-14	0-14
Max. gradeability without/with vibr.	% 45/45	55/55	55/55
(under real conditions)			
Drive			
Engine manufacturer	Cummins	Cummins	Cummins
Type	4 B 3.9-C	4 B 3.9-C	4 B 3.9-C
Cooling	water	water	water
Number of cylinders	4	4	4
Performance ISO 9249	kW 54	54	54
Performance ISO 9249	hp 74	74	74
Performance SAE J 1995	kW 56	56	56
Performance SAE J 1995	hp 75	75	75
Speed ISO / SAE	min-1 2200/2200	2200/2200	2200/2200
Fuel	diesel	diesel	diesel
Electric equipment	V 12	12	12
Drive system	hydrost.	hydrost.	hydrost.
Drum driven	standard	standard	standard
Drums and Tyres			
Number of pad feet			104
Area of one pad foot	cm2		99
Height of pad feet	mm		80
Tyre size	14.9-24-AWT-6PR	14.9-24-AWT-6PR	14.9-24 6PR
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 angle +/-	degr 35	35	35
Oscillating angle +/-	degr 12	12	12
Exciter system			
Drive system	hydrost.	hydrost.	hydrost.
Frequency	Hz 30/40	30/40	30/40
Amplitude	mm 1,8/0,9	1,8/0,9	1,7/0,85
Centrifugal force	kN 135/120	135/120	135/120
Centrifugal force	tons 13,8/12,2	13,8/12,2	13,8/12,2
Capacities			
Fuel	l 150	150	150

Technical modifications reserved. Machines may be shown with options.



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