



BOMAG BW 177 D

Vibrocompactador

- Peso operacional: **8 Tons.**
- Ancho de rodillo: **1.686 Mts.**



Fabr. del motor	Cummins
Modelo motor	4B3.9
dimensiones l x an x a	-
Rendim. motor	56 KW
vibración	e
Tracción	-
Displacement	-
Revoluciones	-
Velocidad	10 km/h
Frecuencia	40 Hz
Ancho de rodillo	1.686 m
Diámetro Rodillo	-
Amplitud	-
Radio de viraje	-
carga lineal estática	-



Shipping dimensions		
in cubic feet (m ³)	without/with ROPS/FOPS	
BW 177D-3	637.4 (18.049)	847.6 (24.001)
BW 177DH-3	637.4 (18.049)	847.6 (24.001)
BW 177PDH-3	637.4 (18.049)	847.6 (24.001)

Standard Equipment

- Hydrostatic travel and vibration drives
- Hydraulic articulated steering
- Anti-Slip Control (ASC)*
- Rear axle with Spring-Applied, Hydraulically-Released (SAHR) brakes
- No-Spin differential
- Bolt-on oscillating articulation joint
- Articulated joint lock
- Vibration-isolated operator's platform
- Adjustable operator's seat
- Warning horn
- Audible/visual warning indicators:
 - Engine oil pressure
 - Engine temperature
 - Electrical charge
 - Hydraulic oil filter
 - Engine air filter
 - Parking brake
- Hour meter
- Fuel level indicator
- Scrapers
- ROPS/FOPS with seat belt
- Back-up alarm
- Towing hooks front and rear
- Lockable control panel
- Emergency STOP

Optional Equipment

- Working lights (front & rear)
- Leveling blade
- Cab with heater
- Terrameter
- Omegameter
- Segment kits:
 - Smooth to padfoot drum
- Flashing lights
- Special paint

* Not available for BW177D-3

** Optional leveling blade is for surface profiling/contouring and backdragging of loose fill material only. This design is not intended to function as a device for excavation purposes.

Dimensions in inches (mm)

	A	B	D	H	H ₂	K	L	O ₁	O ₂	S	W
BW 177D-3	98.1 (2492)	71.5 (1816)	48.3 (1228)	83.9 (2132)	111.6 (2835)	13.9 (354)	183.5 (4662)	2.6 (65)	2.6 (65)	1.0 (25)	66.4 (1686)
BW 177DH-3	98.1 (2492)	71.5 (1816)	48.1 (1222)	83.9 (2132)	111.6 (2835)	13.9 (354)	183.5 (4662)	2.6 (65)	2.6 (65)	1.0 (25)	66.4 (1686)
BW 177PDH-3	98.1 (2492)	71.5 (1816)	47.6 (1208)	83.9 (2132)	111.6 (2835)	13.9 (354)	183.5 (4662)	2.6 (65)	2.6 (65)	0.6 (15)	66.4 (1686)

Technical data

	BOMAG BW 177D-3		BOMAG BW 177DH-3		BOMAG BW 177PDH-3	
Weights						
Operating Weight with ROPS/FOPS	15939	(7230)	16226	(7360)	16623	(7540)
Operating Weight with optional leveling blade	—	—	—	—	17450	(7915)
Axle load, drum*	8494	(3853)	8781	(3983)	9376	(4253)
Axle load, wheels	7445	(3377)	7445	(3377)	7247	(3287)
Static linear load (drum)*	127.9	(22.9)	132.2	(23.6)	141.2	(25.2)
Dimensions						
Working width	66.4	(1686)	66.4	(1686)	66.4	(1686)
Track Radius, inner	122.8	(3120)	122.8	(3120)	122.8	(3120)
Dimensions	see sketch		see sketch		see sketch	
Driving Characteristics (depending on site conditions)						
Speed (1)	0-3.7	(0-6)	0-2.5	(0-4)	0-2.5	(0-4)
Speed (2)	0-6.2	(0-10)	0-3.7	(0-6)	0-3.7	(0-6)
Speed (3)	—	—	0-6.8	(0-11)	0-6.8	(0-11)
Max. gradeability without/with vib.	45/45		55/55		55/55	
Drive						
Engine manufacturer	Cummins		Cummins		Cummins	
Type	B4.5-80C		QSB4.5-110		QSB4.5-110	
Cooling	water		water		water	
Number of cylinders	4		4		4	
Performance ISO 9249	79	(58)	109	(80)	109	(80)
Speed	2200 rpm		2200 rpm		2200 rpm	
Performance SAE J 1995	80	(60)	110	(82)	110	(82)
Speed	2200 rpm		2200 rpm		2200 rpm	
Fuel	diesel		diesel		diesel	
Electric Equipment	12 V		12		12	
Drive System	hydrostatic		hydrostatic		hydrostatic	
Drum Driven	standard		standard		standard	
Drums and Tires						
Number of pad feet	—		—		104	
Area of one pad foot	—		—		15.3 (99)	
Height of pad feet	—		—		3.1 (80)	
Tire size	14.9-24-AWT 6PR		14.9-24-AWT 6PR		14.9-24 6PR	
Brakes						
Service brake	hydrostatic		hydrostatic		hydrostatic	
Parking brake	SAHR		SAHR		SAHR	
Steering						
Steering system	oscill., artic.		oscill., artic.		oscill., artic.	
Steering method	hydrostatic		hydrostatic		hydrostatic	
Steering angle +/-	35 degrees		35		35	
Oscillating angle +/-	12 degrees		12		12	
Vibratory system						
Drive system	hydrostatic		hydrostatic		hydrostatic	
Frequency	1800/2400	(30/40)	1800/2400	(30/40)	1800/2400	(30/40)
Amplitude	0.071/0.035	(1.8/0.9)	0.071/0.035	(1.8/0.9)	0.067/0.035	(1.7/0.9)
Centrifugal force	30375/27000	(135/120)	30375/27000	(135/120)	30375/27000	(135/120)
Capacities						
Fuel	33.0	(125)	33.0	(125)	33.0	(125)