

BOMAG

Pneumatic Tired Roller BW 11 RH

PERFORMANCE DATA



Operating weight, 9975 lbs (4525 kg), includes ROPS, full fuel tank, 1/2 full water spray tank, and 175 lbs (80 kg) operator.

				Basic Shipping Weight 9,000 lbs. (4080 kg)		Max. Ballasted Operating Weight 27,000 lbs. (12245 kg)			
TIRE INFLATION PRESSURE P.S.I.				35	50	70	90	110 ¹	130 ²
Wheel Loads	Ballast Combinations		Plys	Ground Contact Pressure - P.S.I.					
	Front	Rear							
1500 lbs (680 kg)	0	3525 lbs (1600 kg)	12 ply 14 ply	42 50	49 55	56 61	65 67	70 73	80
2300 lbs (1045 kg)	3200 lbs (1450 kg)	7615 lbs (3455 kg)	12 ply 14 ply	48 56	55 61	63 68	72 74	77 81	88
2800 lbs (1270 kg)	5200 lbs (2360 kg) [steel ballast required]	10,115 lbs (4590 kg) [steel ballast required]	12 ply 14 ply	52 59	59 65	67 72	76 78	81 85	92
3000 lbs (1360 kg)	12,000 lbs (5442 kg)	15,000 lbs (6803 kg)	14 ply	60	66	73	80	87	94

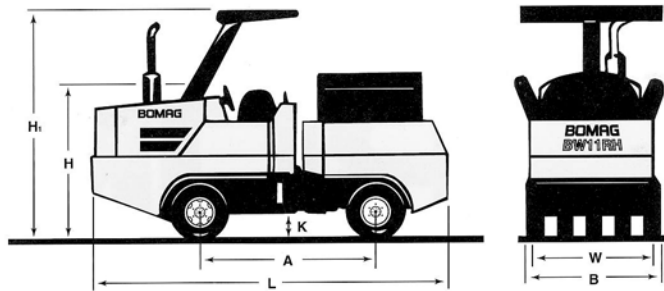
¹maximum for 12 ply

²maximum for 14 ply

TECHNICAL DATA

Shipping dimensions

in cubic feet (m³) without/with ROPS/FOPS
 BW11 RH 568.7 (16.1) 824 (23.3)



Standard equipment

- Hydrostatic transmission
- Cummins 4B3.9 diesel engine
- Nine 7.50 x 15, 12 ply tires
- Fuel gauge
- Horn
- Hydrostatic, center articulated steering with ± 10° frame oscillation
- Rear wheel oscillation:
 - ± 4° outside
 - ± 5° center
- Spring-Applied, Hydraulically-Released (SAHR) brakes
- 150 gallon polyethylene water tank
- Pressurized water spray system
- Roll-Over, Falling-Object Protective Structure (ROPS/FOPS) and seat belts

Optional equipment

- Headlights (front and rear)
- Turn signals and 4-way flashers
- Heat retention shields
- Tires 7.50 x 15, 14 ply
- Special paint, 1 color (Enamel only)

Dimensions in inches (mm)

	A	B	H	H ₁	K	L	W
BW11 RH	88 (2235)	72 (1830)	78 (1981)	113 (2870)	13 (330)	175 (4445)	68 (1727)

Technical data

Weights

Basic/Shipping weight.....	lb	(kg)	9000	(4080)
Operating weight (unballasted).....	lb	(kg)	9975	(4525)
Operating weight (max. ballasted).....	lb	(kg)	27000	(12245)
Average wheel load, (max.).....	lb	(kg)	3000	(1360)

Dimensions

Working width.....	in	(mm)	68	(1727)
Wheel track overlap.....	in	(mm)	0.5	(12.5)
Height with ROPS/FOPS.....	in	(mm)	113	(2870)
Track radius, inner.....	in	(mm)	108	(2745)
Dimensions.....	see sketch			

Driving Characteristics

Speed (low).....	mph	(kmph)	8.0	(12.9)
Speed (medium).....	mph	(kmph)	10.5	(16.9)
Speed (high).....	mph	(kmph)	15.5	(25.0)

Drive

Engine manufacturer.....	Cummins			
Type.....	4B3.9			
Cooling.....	water			
Number of cylinders.....	4			
Performance SAE J1349.....	hp	(kW)	76	(56.7)
Speed.....	rpm		2500	(2500)
Fuel.....	diesel			
Electric equipment.....	12 V			
Drive system.....	hydrostatic front			
Driven axles.....	front			

Tires

Number of tires, front/rear.....	4/5
Tire size.....	7:50 x 15, 12 ply
Oscillation of tires rear, outside/center.....	degrees 4/5

Brakes

Service brake.....	hydrostatic
Secondary/Parking brake.....	SAHR

Steering

Steering system.....	oscillating, articulating
Steering method.....	hydrostatic
Steering angle +/-.....	degrees 35
Oscillating angle +/-.....	degrees 10

Water Spray System

Type of water spray system.....	pressurized
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Capacities

Fuel.....	gal	(l)	30	(114)
Water.....	gal	(l)	150	(568)
Engine oil.....	gal	(l)	2.5	(9.5)
Hydraulic fluid.....	gal	(l)	28.5	(30)

Technical modifications reserved. Machines may be shown with options.

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