BOMAG
FAYAT GROUP

Pneumatic Tired Roller

BW11RH

TIRE INFLATION PRESSURE P.S.I			GROUND CONTACT PRESSURE P.S.I						
Wheel Loads	Ballast Combinations lbs		12 Ply tire pressure			Opt 14 Ply Radial tire pressure			
lbs	Front	Rear	45	75	100	45	75	100	130
1,500 (680 kg)	0	4,500 (2,041 kg)	46	49	55	32	46	61	81
2,000 (907 kg)	2,000 (907 kg)	7,000 (3,175 kg)	53	63	77	40	57	72	99
3,000 (1,360 kg)	6,000 (2,721 kg)	12,000 (5,443 kg)	X	75	85	X	61	73	94

Operating weight, 9975 lbs (4525 kg), includes ROPS, full fuel tank, ½ full water spray tank, and 175 lbs (80 kg) operator.

BW11RH

BW11RH - continuing the tradition of excellence...

The BW11RH pneumatic tired roller is one of the most versatile machines in the Bomag line. This roller achieves its high compaction performance through the combined effect of vertical pressure with the horizontal forces directed to all sides under each of the nine, overlapping tires.

Wheels and frame oscillate to deliver balanced wheel loads and uniform compaction. Further enhancing it's versatility and maneuverability, the BW11RH's hydrostatic, centerpoint, articulated steering delivers a short, nine foot turning radius achieving optimum compaction on tight, curving curblines.

Applications:

- Highway construction and maintenance
- Driveways
- Parking lots
- Chip and seal

BW11RH in action on an asphalt resurfacing application

Dual, center facing seats provide excellent visibility in both travel directions

Handling is Easier & Safer:

- Hydrostatic Steering with automotive type steering wheel provides controlled maneuverability through turns.
- Brakes apply automatically when engine is shut down or with loss of transmission system hydraulic pressure.
- Functional frame design incorporates strategically placed ballast compartments providing a low center of gravity, exceptional stability and uniform weight distribution.
- Standard ROPS/FOPS with seat belts deliver operator safety.
- Operating Safety is further enhanced by adding the optional turn signals and 4-way flashers.

Pneumatic tired models provide maximum versatility

Achieve Maximum Productivity:

- Centerpoint steering allows the wheels to provide full width coverage on turns requiring fewer passes to achieve optimum compaction results.
- Three speed hydrostatic transmission provides maximum gradeability in low range, optimum performance in medium or work range and top production in high range.
- Short, nine foot inside turning radius, accomplished through 35 degree centerpoint articulation, takes compaction up to tight, curving curblines.
- Ten degrees oscillation assures uniform compaction on irregular surfaces.
- Dual, center facing seat cockpit design places controls within easy reach and provides excellent visibility in both travel directions.
- Optional heat retention shields help maintain high tire temperatures, preventing asphalt pickup that could damage the mat.
- Optional pressurized water spray system provides efficient water usage, extending time between refills.
- The low speed, high torque travel motors provide three operating speed ranges.

Less Service & Maintenance:

The purchase price is important, but so are the operating costs. Check these features:

- Maintenance-free SAHR brakes are an integral part of the travel motors, allowing an emergency/parking brake provision.
- Wide opening engine doors allow easy access for servicing.
- Maintenance and check points are accessible while standing on the ground.
- The heavy duty, centerpoint oscillating and articulating centerjoint provides long life.
- Self-lubricating bushings are virtually maintenance-free.
- The frame is constructed of heavy steel plate to provide maximum strength and durability.

Best for
COMPACTION

Featuring…

Cockpit design places controls within easy reach and provides unobstructed visibility

Cocoa mats on each tire help eliminate material pick-up

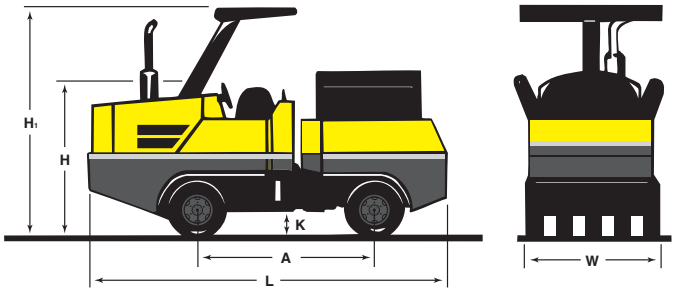
Easy access means fast servicing

With these features and many more, it's easy to see why this model maintains a high residual value while delivering lower lifetime operating costs.

Technical Specifications

BW11RH

Shipping dimensions in cubic feet (m^3)	without/with ROPS/FOPS	
BW11RH	568.7 (16.1)	824 (23.3)



Dimensions in inches (mm)

	A	H	H1	K	L	W
BW11RH	88 (2235)	78 (1981)	113 (2870)	13 (330)	175 (4445)	68 (1727)

Standard equipment

- ☑ Hydrostatic transmission
- ☑ Tier 4i Cummins 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
- ☑ 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
- ☐ Pressurized water spray system
- ☐ Special paint, 1 color (Enamel only)
- ☐ 14 Ply Tires Radial

Technical data		BOMAG BW11RH
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		4B3.3T
Emissions Standard		Tier 4i
Cooling		water
Number of cylinders		4
Performance SAE J1995	hp (kW)	74 (55)
Speed	rpm	2600 (2600)
Fuel		diesel
Electric equipment	V	12
Drive system		hydrostatic
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
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 (108)

Technical modifications reserved. Machines may be shown with options.

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