



BOMAG
FAYAT GROUP

Pneumatic Tired Roller

BW27RH-4I



KEY FEATURES

- Deutz Tier 4i engine
- Michelin 13/80 rubber tires
- Efficient hydrostatic drive, sensitive and precise handling
- Easy servicing with central drain points (engine/ hydraulic oil, coolant)
- Weight adjustment from 9 to 30 tons
- Easy water ballasting
- Efficient wheel track overlap
- Auto tire inflation for quick adjustment on the run. No external air lines
- Efficient compaction of thin layers on sensitive mixes, avoids aggregate crushing, shoving or crack formation
- Dense, close knit surface finish
- High performance on thicker layers, e.g. higher temperature at middle of layer and cool surface



Technical Specifications

BW27RH-4I

Shipping dimensions

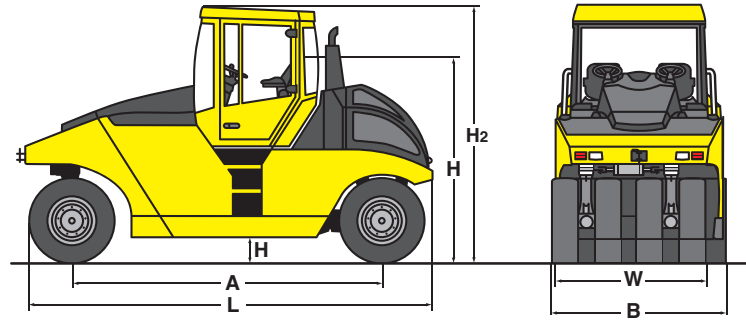
in cubic feet (m ³)	with ROPS	without ROPS
BW27RH-4I	1130 (32.0)	1038 (29.4)

Standard Equipment

- ROPS/FOPS with seat belt
- Central tire inflating system
- MICHELIN 13/80 R20 rubber tires
- Pressure water sprinkler system
- Thermal aprons
- Water ballastable frame
- Cocoa mat and tire scraper
- Indicator for:
 - Engine oil pressure
 - Engine temperature
 - Air filter vacuum
 - Charge control
 - Hydraulic oil filter
 - Coolant level
 - Fuel tank level
- Speedometer
- Hour meter
- Cold start device
- 2 Outside mirrors
- Lockable dashboard protection
- Operator's platform with:
 - Two steering wheels
 - Laterally sliding seat
- Working lights
- Indicator and hazard lights
- Warning horn
- Back-up alarm

Optional Equipment

- Additional steel ballast - J16
 - Adds 10580 lbs (4800 kg)
- ROPS-cab with heating
- ROPS cab with air conditioning
- Radio with cab option only
- Edge cutter
- BOMAG TELEMATIC
- Rotary beacon



Dimensions in inches (mm)

	A	B	H	H2	K	L	W
BW27RH-4I	145.7 (3700)	82.6 (2098)	111.8 (2840)	121.6 (3090)	11.8 (300)	194.5 (4940)	80.4 (2042)

Weights

Operating weight with ROPS/FOPS	lb (kg)	18570 (8423)
Operating weight with Cabin.....	lb (kg)	19400 (8800)
Grossweight Max Ballast.....	lb (kg)	59525 (27000)
Max middle wheel load.....	lb (kg)	7441 (3375)

Driving Characteristics

Speed (1).....	mph (km/h)	0 - 4.3 (0 - 7.0)
Speed (2).....	mph (km/h)	0 - 6.8 (0 - 11.0)
Speed (3).....	mph (km/h)	0 - 12.4 (0 - 20.0)
Max. gradeability (depending on soil conditions).....	%	27

Drive

Engine manufacturer	Deutz
Type.....	TCD 4.1 L04
Tier compliance	Tier 4i
Cooling	water
Number of cylinders	4
Performance ISO 14396	95 kW
Performance SAE J 1995	127.4 hp
Speed	2200 rpm
Electric equipment.....	12 V
Drive system	hydrostatic
Driven axle.....	rear

Tires

Number of tires.....	8
Tire size	13/80 R20
Wheel track overlap	1.7 (42) in (mm)

Brakes

Service brake	pneum. / hydr.
Parking brake.....	hydr.

Steering

Steering system hydrostatic	2 Point Oscillation
Steering angle +/-	30 deg
Oscillation of tires, front.....	4 deg
Level adjustment	4 (100) in (mm)
Track radius, inner	209.4 (5320) in (mm)

Sprinkler System

Type of sprinkling.....	pressure
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Capacities

Fuel.....	gal (l)	66 (250)
Water.....	gal (l)	105.7 (400)
Volume of ballast compartment.....	ft ³ (m ³)	123.6 (3.5)