

Technical Specifications

BW120AD-4

Shipping dimensions

in cubic feet (m³)

without/with ROPS

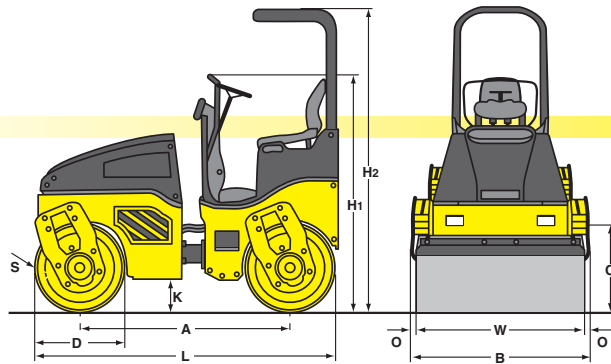
BW120AD-4 200.3 (5.67) 277.1 (7.85)

Standard Equipment

- Oscillating articulating center joint
- 2 scrapers per drum
- Isolated operator's platform
- Plastic water tank
- Hour meter
- Lockable engine cover
- Crab walk offset (1.6 in / 40 mm)
- Lockable anti-vandal dashboard protection
- Transport lashing and lifting points front/rear
- Emergency stop button
- Vibration cut-off, rear drum
- Back-up alarm
- Water level indicator
- Fuel level indicator
- Pressurized water sprinkler system
- Laterally sliding seat
- ROPS/FOPS with safety belts

Optional Equipment

- Working lights front/rear
- Seat with contact switch
- Edge cutter
- Indicator and hazard lights
- Rotary beacon
- Biodegradable hydraulic oil
- Special paint
- Tool kit
- Double travel lever (Sliding Seat)
- Foldable ROPS with seat belts
- ROPS with seat belts



Dimensions in inches (mm)

	A	B	C	D	H ₁	H ₂	K	L	O	S	W
BW120AD-4	68.0 (1728)	50.23 (1276)	18.7 (475)	27.6 (700)	70.9 (1800)	98.0 (2490)	9.8 (250)	97.2 (2470)	1.5 (38)	0.5 (13)	47.2 (1200)

Technical data

BOMAG BW120AD-4

Weights

Basic Weight with ROPS.....	lbs (kg)	5236 (2375)
Operating Weight.....	lbs (kg)	5732 (2600)
Average axle load.....	lbs (kg)	2866 (1300)
Average static linear load CECE.....	pli (kg/cm)	60.7 (10.8)

Dimensions

Length with ROPS.....	in (mm)	97.2 (2470)
Track Radius, inner.....	in (mm)	103.1 (2620)
Dimensions.....		see sketch

Driving Characteristics (depending on site conditions)

Speed (with vibration).....	mph (kmph)	0-7.5 (0-12)
Speed (for transport).....	mph (kmph)	0-7.5 (0-12)
Max. gradeability without/with vibration.....	%	40/30

Drive

Engine manufacturer.....		Kubota
Type.....		D 1703 M
Cooling.....		Water
Number of cylinders.....		3
Performance ISO 9249 (max).....	hp (kW)	34.3 (25.2)
Speed (max).....	rpm	2700
Performance SAE J1349 (max).....	hp (kW)	33.8 (25.2)
Speed (max).....	rpm	2700
Throttle position 1.....	rpm	2200
Throttle position 2.....	rpm	2600
Electric Equipment.....	V	12

Brakes

Service brake.....	hydrostatic
Parking brake.....	SAHR

Steering

Steering system.....	oscillating, articulating
Steering method.....	hydrostatic
Steering angle +/-.....	30 degrees
Oscillating angle +/-.....	7 degrees

Vibratory system

Vibrating drum.....		f + r
Drive system.....		hydrostatic
Frequency.....	vpm (Hz)	3300/4200 (55/70)
Amplitude.....	in (mm)	0.020 (0.52)
Centrifugal force (each drum).....	lbs (kN)	6300/10125 (28/45)

Water Spray System

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

Fuel.....	gal (l)	10.6 (40)
Water.....	gal (l)	58.1 (220)

Technical modifications reserved. Machines may be shown with options.