

Combination Vibratory Roller

BW120AC-4



ASPHALTIC CONCRETE (material weight 140 lb/cu ft)						
# passes	rolling speed	area coverage sq yd/hr	"productivity in tons/hr by lift thickness, 100% efficiency"			
	(mph)		1.5 inches	2 inches	2.5 inches	3 inches
2	4.77	2752	217	289	362	434
3	4.77	1835	145	193	241	289
4	4.77	1376	109	145	181	217
5	4.77	1101	87	116	145	174
6	4.77	917	72	96	121	145

Note: Repeat number of passes over the same area is required to achieve specified compaction efficiency/density. Successive passes over same area results in reduced area coverage and productivity. Rolling speed selected provides impact spacing of a minimum 10 impacts per foot at high vibration frequency setting. Actual compaction efficiency is determined by job conditions.

Technical Specifications

BW120AC-4

Shipping dimensions

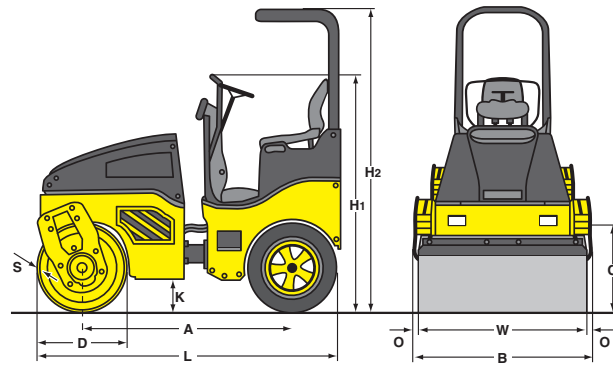
in cubic feet (m³)	without / with ROPS	
BW120AC-4	200.8 (5.69)	277.7 (7.86)

Standard Equipment

- ☒ Oscillating articulating center joint
- ☒ Suspended operator's platform
- ☒ Plastic water tank
- ☒ Hour meter
- ☒ Lockable engine cover
- ☒ Lockable anti-vandal dashboard protection
- ☒ Transport lashing and lifting points front/rear
- ☒ Emergency stop button
- ☒ Back-up alarm
- ☒ Water level
- ☒ Fuel level indicator
- ☒ Pressurized water sprinkler system
- ☒ Laterally sliding seat
- ☒ FOPS/ROPS with safety belts

Optional Equipment

- ☐ Working lights front/rear
- ☐ Crab walk (1.6 in / 40 mm)
- ☐ 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
- ☐ Single point lifting device



Dimensions in inches (mm)

	A	B	C	D	H ₁	H ₂	K	L	O	S	W
BW120AC-4	68 (1728)	50.23 (1276)	18.6 (474)	27.6 (700)	70.9 (1800)	97.4 (2475)	10 (255)	97.4 (2475)	1.5 (38)	0.5 (13)	47.2 (1200)

Technical data

Weights

Operating Weight.....	lbs (kg)
Average axle load (Drum).....	lbs (kg)
Average axle load (Wheels).....	lbs (kg)
Static linear load CECE.....	pli (kg/cm)
Wheel load CECE.....	lbs (kg)

Driving Characteristics (depending on site conditions)

Speed (with vibration).....	mph (kmph)
Speed (for transport).....	mph (kmph)
Max. gradeability without/with vibration.....	%

Drive

Engine manufacturer.....	
Type.....	
Tier compliance.....	
Cooling.....	
Number of cylinders.....	
Performance ISO 9249 (max).....	hp (kW)
Speed (max).....	rpm
Performance SAE J1349 (max).....	hp (kW)
Speed (max).....	rpm
Throttle position 1.....	rpm
Throttle position 2.....	rpm
Electric Equipment.....	V

Brakes

Service brake.....	
Parking brake.....	

Steering

Steering system.....	
Steering method.....	
Steering angle +/-.....	degrees
Oscillating angle +/-.....	degrees
Track Radius, inner.....	in (mm)

Vibratory system

Drive system.....	
Frequency.....	vpm (Hz)
Amplitude.....	in (mm)
Centrifugal force (each drum).....	lbs (kN)

Capacities

Fuel.....	gal (l)
Water.....	gal (l)
Emulsion.....	gal (l)

BOMAG BW120AC-4

5400 (2450)
2844 (1290)
2556 (1160)
60.25 (10.8)
78.5 (290)

0-6.2 (0-10)
0-6.2 (0-10)
40/30

Kubota
D 1703 M
Tier 4i
Water
3
34.3 (25.2)
2700
33.8 (25.2)
2700
2200
2600
12

hydrostatic
SAHR

oscillating, articulating
hydrostatic
30
7
103.1 (2620)

hydrostatic
3300 / 4200 (55 / 70)
0.020 (0.52)
6300 / 10125 (28 / 45)

Technical modifications reserved. Machines may be shown with options.

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