



COMBINATION ROLLERS BW 100 AC-5, BW 120 AC-5

PERFORMANCE DATA



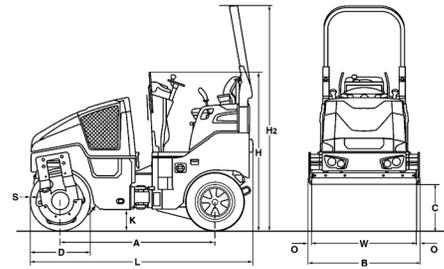
Machine type	Compaction output [ton/h (t/h)] at different asphalt layer thicknesses		
	0.8 - 1.5 in (2 - 4 cm)	2.5 - 3.0 in (6 - 8 cm)	4.0 - 5.5 in (10 - 14 cm)
BW 100 AC-5	17 - 39 (15 - 35)	39 - 55 (35 - 50)	50 - 100 (45 - 90)
BW 120 AC-5	22 - 44 (20 - 40)	44 - 66 (40 - 60)	60 - 115 (55 - 105)



Technical Data

Shipping dimensions in ft3 (m3)

BW 100 AC-5	247 (7.0)
BW 120 AC-5	293 (8.3)



Standard Equipment

- Four smooth rear rubber wheels
- Pressure sprinkler system with interval switch
- 2 scrapers per drum, spring loaded and tiltable
- Multi function travel lever
- Multi-function display incl. operating hour meter
- Water level
- electronic fuel gauge
- Emergency STOP
- Intelligent Vibration Control (IVC)
- Integrated stowage compartment
- Adjustable operator's seat
- Lashing eyes, galvanized
- Back-up alarm
- Single point lifting device
- Vandalism protection
- Lockable engine hood made of composite material
- Working lights front and rear
- 12V socket
- Seat contact switch
- Foldable ROPS incl. seat belt

Optional Equipment

- Edge cutter
- Sliding seat incl. double travel lever
- Battery disconnect switch
- Indicator and hazard lights
- Rotary beacon
- Optional lighting on ROPS
- Sun roof, foldable with ROPS
- Weather protection for sun roof
- Special painting
- Seat heating
- Backup warning buzzer with broadband technology
- Environmentally compliant hydraulic oil
- Theft protection
- BOMAG TELEMATIC
- ECONOMIZER

Dimensions in inches (mm)

	A	B	C	D	H	H2	K	L	O	S	W
BW 100 AC-5	69	42	20.6	27.6	71.2	101	10	99.6	1.4	0.5	39.4
	(1752)	(1072)	(523)	(700)	(1808)	(2568)	(254)	(2529)	(36)	(13)	(1000)
BW 120 AC-5	69	50	20.6	27.6	71.2	101	10	99.6	1.4	0.5	47.2
	(1752)	(1272)	(523)	(700)	(1808)	(2568)	(254)	(2529)	(36)	(13)	(1200)

Technical Data

Weights

Operating weight w. ROPS	lb (kg)
Axle load, drum	lb (kg)
Axle load, wheels	lb (kg)
Wheel load CECE	lb (kg)
Static linear load, front CECE	lb/in (kg/cm)

Dimensions

Working width	in (mm)
Track radius, inner	in (mm)

Driving Characteristics

Speed	mph (km/h)
Working speed with vibration	mph (km/h)
Max. gradeability without/with vibr.	%

Drive

Engine manufacturer	
Type	
Tier Compliance	
Cooling	
Number of cylinders	
Performance ISO 14396	kW
Performance SAE J 1995	hp
Speed	rpm

Electric equipment	V
Driven drum	
Driven wheels	

Drums and Tyres

Tyre size	
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Brakes

Service brake	
Parking brake	

Steering

Steering system	
Steering method	
Steering / oscillating angle +/-	deg
Crab walk offset - manual	in (mm)

Exciter system

Vibrating drum	
Drive system	
Frequency	vpm (Hz)
Amplitude	in (mm)
Centrifugal force	lb (kN)

Sprinkler System

Type of sprinkling	
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Capacities

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

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BW 100 AC-5

5380 (2440)
2690 (1220)
2690 (1220)
673 (305)
68.3 (12.2)

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BW 120 AC-5

5400 (2450)
2800 (1270)
2910 (1320)
728 (330)
59.4 (10.6)

39.4 (1000)	47.2 (1200)
100.4 (2550)	96.5 (2450)

0 - 6.8 (0- 11)	0 - 6.8 (0- 11)
0 - 6.8 (0- 11)	0 - 6.8 (0- 11)
40/30	40/30

Kubota	Kubota
D 1803	D 1803
Tier 4 Final	Tier 4 Final
water	water
3	3
25.0	25.0
33.5	33.5
2400	2400

12 standard	12 standard
front	front
4, rear	4, rear

205/60-15	9.5/65-15
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hydrot.	hydrot.
hydromec.	hydromec.

oscil.artic.	oscil.artic.
hydrot.	hydrot.
32 / 10	32 / 10
0 - 2 (0 - 50)	0 - 2 (0 - 50)

front	front
hydrot.	hydrot.
3600/4020 (60/67)	3600/4020 (60/67)
0.019 (0.49)	0.020 (0.51)
6070/7644 (27/34)	7419/9217 (33/41)

pressure	pressure
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Technical modifications reserved. Machines may be shown with options.



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