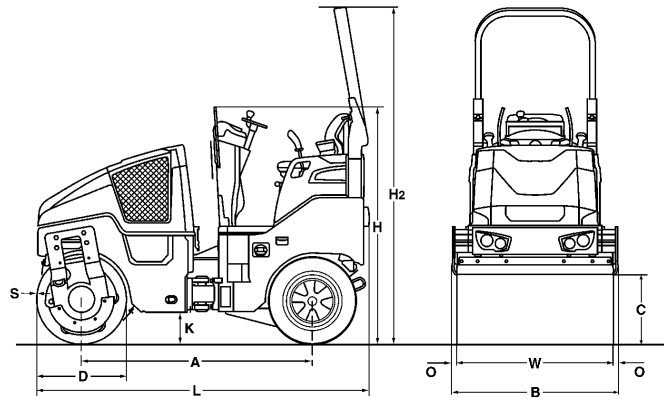


TECHNICAL DATA

COMBINATION ROLLERS

BW 100 AC-5, BW 120 AC-5





Dimensions in inch

	A	B	C	D	H	H2	K	L	O	S	W
BW 100 AC-5	69.0	42.2	20.6	27.6	71.2	101.1	10.0	99.6	1.4	0.51	39.4
BW 120 AC-5	69.0	50.1	20.6	27.6	71.2	101.1	10.0	99.6	1.4	0.51	47.2

Shipping dimensions in cub.yd

BW 100 AC-5
BW 120 AC-5

without ROPS

6,413
7,614

with ROPS

9,106
10,811

Machine type	Compaction output (t/h) at different asphalt layer thicknesses		
	0.8-1.6 in	2.4-3.1 in	3.9-5.5 in
BW 100 AC-5	19.6-45.8	45.8-65.4	58.9-117.7
BW 120 AC-5	26.2-52.3	52.3-78.5	71.9-137.3

Technical Data

BOMAG BW 100 AC-5

BOMAG BW 120 AC-5

Weights

Operating weight w. ROPS CECE	lb	5,291	5,512
Axle load, drum / wheels CECE	lb	2,535/2,756	2,756/2,756
Wheel load CECE	lb	689	689
Static linear load, front CECE	lb/in	68.3	58.2
Grossweight	lb	7,275	7,606

Dimensions

Working width	in	39.4	47.2
Track radius, inner	in	100.4	96.5

Driving Characteristics

Speed	mph	0- 6.2	0- 6.2
Working speed with vibration	mph	0- 6.2	0- 6.2
Max. gradeability without/with vibr.	%	40/30	40/30

Drive

Engine manufacturer		Kubota	Kubota
Engine type		D1803	D1803
Emission stage		Stage V / TIER4f	Stage V / TIER4f
Exhaust gas aftertreatment		DPF	DPF
Cooling		water	water
Number of cylinders		3	3
Performance ISO 14396	hp	33.0	33.0
Performance SAE J 1995	hp	33.0	33.0
Speed	rpm	2,600	2,600
Speed adjustment 1	rpm	2,500	2,500
Speed adjustment 2	rpm	2,600	2,600
Electric equipment	V	12	12
Driven drum		standard	standard
Driven wheels		4	4

Drums and Tyres

Tyre size		205/60-15	9.5/65-15
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Brakes

Service brake		hydrost.	hydrost.
Parking brake		hydromec.	hydromec.

Steering

Steering system		oscil.artic.	oscil.artic.
Steering method		hydrost.	hydrost.
Steering / oscillating angle +/-	deg	32/10.0	32/10.0
Crab walk	in	0- 2.0	0- 2.0

Exciter system

Vibrating drum		front	front
Drive system		hydrost.	hydrost.
Frequency	vpm	3,780.0/4,020.0	3,780.0/4,020.0
Amplitude	in	0.020	0.020
Centrifugal force	lb	6,699/7,576	8,093/9,72

Sprinkler System

Type of sprinkling		pressure	pressure
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Capacities

Fuel	gal	9.2	9.2
Water	gal	42.3	42.3
Emulsion	gal	11.9	11.9

Technical modifications reserved. Machines may be shown with options.

Standard Equipment

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

Optional Equipment

- ☐ * Foldable ROPS incl. seat belt
- ☐ Sun roof, rigid
- ☐ Sun roof, foldable with ROPS
- ☐ Weather protection for sun roof
- ☐ Seat heating
- ☐ Sliding seat incl. double travel lever
- ☐ ECONOMIZER with asphalt temperature display
- ☐ Temperature display
- ☐ BOMAG TELEMATIC
- ☐ Indicator and hazard lights
- ☐ Rotary beacon
- ☐ Optional lighting on ROPS
- ☐ Lighting for drum edge
- ☐ Environmentally compliant hydraulic oil
- ☐ Theft protection
- ☐ Edge cutter
- ☐ Gravel scatterer
- ☐ Hydraulically adjustable crabwalk (50mm)
- ☐ Pointer
- ☐ Special painting
- ☐ Backup warning buzzer with broadband technology
- ☐ ECOSTOP
- ☐ Outside mirrors
- ☐ Anti-frost intake
- ☐ Tablet holder set
- ☐ JOBLINK measuring technology interface
- ☐ JOBLINK Bluetooth adapter
- ☐ BOMAP GPS antenna holder

* Standard delivery with CE conformity
(valid within European Union)



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