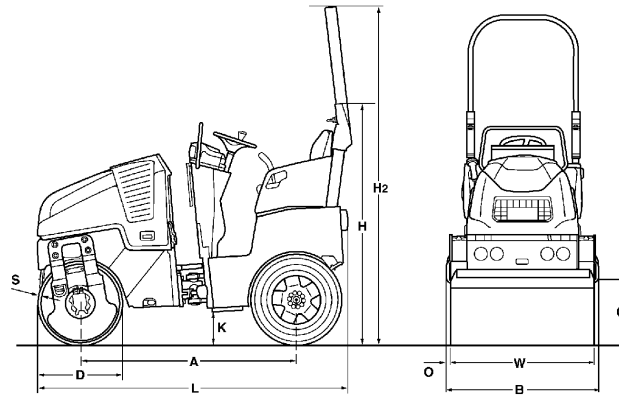


TECHNICAL DATA

COMBINATION ROLLER

BW 100 ACM-5, BW 100 SCC-5





Dimensions in inch

	A	B	C	D	H	H2	K	L	O	S	W
BW 100 ACM-5	59.4	41.6	17.1	22.8	65.5	92.1	9.4	86.4	1.1	0.47	39.4
BW 100 SCC-5	59.4	41.6	17.1	22.8	65.5	92.1	9.4	86.4	1.1	0.47	39.4

Shipping dimensions in cub.yd

BW 100 ACM-5
BW 100 SCC-5

without ROPS

5,045
5,045

with ROPS

7,094
7,094

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 ACM-5	13.1-45.8	39.2-58.9	52.3-91.6
BW 100 SCC-5	13.1-45.8	39.2-58.9	52.3-91.6

Technical Data

BOMAG BW 100 ACM-5

BOMAG BW 100 SCC-5

Weights

Operating weight CECE	lb	3,748	3,748
Axle load, drum / wheels CECE	lb	1,808/1,940	1,764/1,984
Wheel load CECE	lb	485	496
Static linear load, front CECE	lb/in	45.9	44.8
Grossweight	lb	4,189	4,189

Dimensions

Working width	in	39.4	39.4
Track radius, inner	in	78.0	78.0

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		D 902	D 902
Emission stage		Stage V / TIER4f	Stage V / TIER4f
Cooling		water	water
Number of cylinders		3	3
Performance ISO 14396	hp	20.2	20.2
Performance SAE J 1995	hp	20.2	20.2
Speed	rpm	3,000	3,000
Speed adjustment 1	rpm	2,100	2,100
Speed adjustment 2	rpm	3,000	3,000
Electric equipment	V	12	12
Driven drum		front	front
Driven wheels		4	4

Drums and Tyres

Tyre size		205/60-15	205/60-15
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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	33/8.0	33/8.0
Crab walk	in	0- 2.0	0- 2.0

Exciter system

Vibrating drum		front	front
Drive system		hydrost.	hydrost.
Frequency	vpm	2,520.0/3,780.0	2,520.0/3,780.0
Amplitude	in	0.016	0.016
Centrifugal force	lb	1.776/3.867	1.776/4.271

Sprinkler System

Type of sprinkling		pressure	pressure
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Capacities

Fuel	gal	7.9	7.9
Water	gal	26.4	26.4
Emulsion	gal	2.9	2.9

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

- ☐ ROPS with safety belt
- ☐ * Foldable ROPS incl. seat belt
- ☐ Sun roof, foldable with ROPS
- ☐ Double travel lever
- ☐ Seat heating
- ☐ ECONOMIZER with asphalt temperature display (BW100ACM)
- ☐ Temperature display
- ☐ BOMAG TELEMATIC
- ☐ Electronic fuel gauge
- ☐ Theft protection
- ☐ Indicator and hazard lights
- ☐ Rotary beacon
- ☐ Optional lighting on ROPS
- ☐ Environmentally compliant hydraulic oil
- ☐ Special painting
- ☐ Edge cutter
- ☐ Port for hydraulik breaker
- ☐ Backup warning buzzer with broadband technology
- ☐ Brake release device
- ☐ 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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