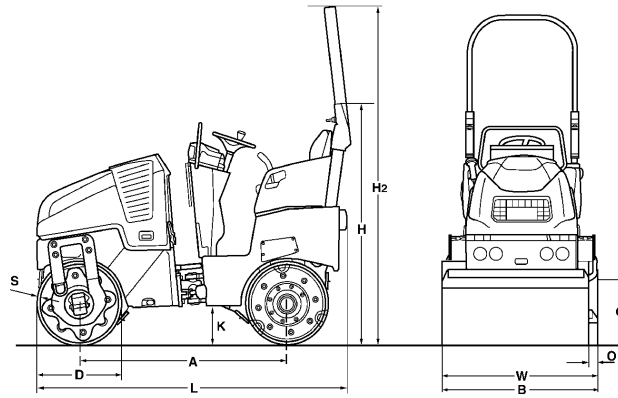


TECHNICAL DATA

TANDEM ROLLERS

BW 90 SC-5, BW 100 SC-5





Dimensions in inch

	A	B	C	D	H	H2	K	L	O	S	W
BW 90 SC-5	59.4	37.8	17.1	22.8	64.1	90.7	10.0	86.4	2.0	0.47	37.8
BW 100 SC-5	59.4	41.7	17.1	22.8	64.1	90.7	10.0	86.4	2.0	0.47	41.7

Shipping dimensions in cub.yd

BW 90 SC-5
BW 100 SC-5

without ROPS

4,486
4,949

with ROPS

6,348
7,003

Machine type	Compaction output (cub.yd/h) at recommended soil layer thicknesses		
	Gravel, sand	Mixed soil	Silt, clay
BW 90 SC-5	91.6-157.0	58.9-117.7	45.8-91.6
BW 100 SC-5	98.1-183.1	65.4-130.8	47.1-91.6

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 90 SC-5	19.6-39.2	39.2-65.4	52.3-104.6
BW 100 SC-5	19.6-52.3	45.8-78.5	65.4-117.7

Technical Data

BOMAG BW 90 SC-5

BOMAG BW 100 SC-5

Weights

Operating weight CECE	lb	3,638	3,748
Average static linear load CECE	lb/in	51.3	47.6
Grossweight	lb	4,189	4,189

Dimensions

Working width	in	37.8	41.7
Track radius, inner	in	78.7	76.8

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 + rear	front + rear

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 + rear	front + rear
Drive system		hydrost.	hydrost.
Frequency	vpm	2,520.0/3,780.0	2,520.0/3,780.0
Amplitude	in	0.020	0.020
Centrifugal force	lb	1,843/4,226	1,843/4,226

Sprinkler System

Type of sprinkling		pressure	pressure
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Capacities

Fuel	gal	7.9	7.9
Water	gal	26.4	26.4

Technical modifications reserved. Machines may be shown with options.

Standard Equipment

- ☒ Side-clearance roller (drum offset 2.4-3.9in)
- ☒ Hydrostatic travel and vibration drive
- ☒ Travel drive in series
- ☒ 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
- ☒ Individual control, vibration
- ☒ 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
- ☐ BOMAG TELEMATIC
- ☐ 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
- ☐ Temperature display
- ☐ 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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