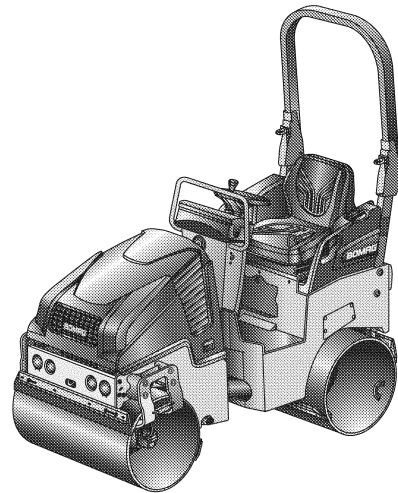


**TANDEM VIBRATORY ROLLERS
BW 90 SC-5, BW 100 SC-5**

PERFORMANCE DATA

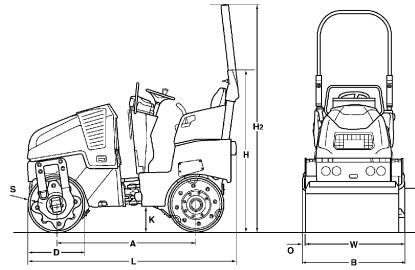


Machine type	Compaction output (m ³ /h) at recommended soil layer thicknesses		
	Gravel, sand	Mixed soil	Silt, clay
BW 90 SC-5	70-120	45-90	35-70
BW 100 SC-5	75-140	50-100	36-70

Machine type	Compaction output (t/h) at different asphalt layer thicknesses		
	2-4 cm	6-8 cm	10-14 cm
BW 90 SC-5	15-30	30-50	40-80
BW 100 SC-5	15-40	35-60	50-90

Technical Data

Shipping dimensions in m3	without ROPS	with ROPS
BW 90 SC-5	3,427	4,853
BW 100 SC-5	3,784	5,358



Standard Equipment

- Side-clearance roller (drum offset 60mm)
- Hydrostatic travel and vibration drive
- Travel drive in series
- Hydrostatic articulated steering
- Oscillating artic. center joint
- Crab walk (0-50mm)
- Pressure sprinkler system
- Multi function travel lever
- Emergency stop button
- Individual control, vibration
- Intelligent Vibration Control (IVC)
- Round display with control and monitoring function
- Hour meter
- Integrated stowage compartment
- Adjustable operator's seat
- Seat contact switch
- Back-up alarm
- 2 scrapers per drum
- Engine hood made of composite material
- Single point lifting device
- V-belt protection
- Vandalism protection
- Working lights front and rear
- 12V socket

Optional Equipment

- * ROPS with safety belt
 - * Foldable ROPS + Seat belt
 - Sun roof
 - Double travel lever
 - Battery disconnect switch
 - Indicator and hazard lights
 - Lamp guard
 - Lighting for drum edge
 - Rotary beacon
 - Special painting
 - electronic fuel gauge
 - Backup warning buzzer with broadband technology
 - BOMAG TELEMATIC
 - Environmentally compliant hydraulic oil
 - Tool kit
 - Theft protection
 - Port for hydraulik breaker
- * Standard delivery with CE conformity (valid within European Union)

Dimensions in mm

	A	B	C	D	H	H2	K	L	O	S	W
BW 90 SC-5	1483	960	435	580	1627	2304	255	2194	52	12	960
BW 100 SC-5	1483	1060	435	580	1627	2304	255	2194	52	12	1060

Technical Data

Weights

	kg	BOMAG BW 90 SC-5	BOMAG BW 100 SC-5
Operating weight CECE	1.650		1.700
Average static linear load CECE	9,2 kg/cm		8,5
Grossweight	2.000		2.000

Dimensions

	mm	BOMAG BW 90 SC-5	BOMAG BW 100 SC-5
Working width	960		1.060
Track radius, inner	2.000		1.950

Driving Characteristics

	km/h	BOMAG BW 90 SC-5	BOMAG BW 100 SC-5
Max. working speed with vibration	0- 4,5		0- 4,5
Max. travel speed	0- 10,0		0- 10,0
Max. gradeability without/with vibr.	40/30 %		40/30

Drive

		BOMAG BW 90 SC-5	BOMAG BW 100 SC-5
Engine manufacturer		Kubota	Kubota
Type		D 902	D 902
Cooling		water	water
Number of cylinders		3	3
Performance ISO 14396	kW	15,1	15,1
Performance SAE J 1995	hp	20,2	20,2
Speed adjustment 1	min-1	3.000	3.000
Speed adjustment 2	min-1	2.100	2.100
Electric equipment	V	12	12
Drive system		hydrost.	hydrost.
Driven drum		front + rear	front + rear

Brakes

		BOMAG BW 90 SC-5	BOMAG BW 100 SC-5
Service brake		hydrost.	hydrost.
Parking brake		hydromec.	hydromec.

Steering

		BOMAG BW 90 SC-5	BOMAG BW 100 SC-5
Steering system		oscil.artic.	oscil.artic.
Steering method		hydrost.	hydrost.
Steering angle +/-	grad	33	33
Oscillating angle +/-	grad	8	8

Exciter system

		BOMAG BW 90 SC-5	BOMAG BW 100 SC-5
Vibrating drum		front + rear	front + rear
Drive system		hydrost.	hydrost.
Frequency	Hz	63/42	63/42
Amplitude	mm	0,50	0,50
Centrifugal force	kN	19/8	19/8

Sprinkler System

		BOMAG BW 90 SC-5	BOMAG BW 100 SC-5
Type of sprinkling		pressure	pressure

Capacities

	l	BOMAG BW 90 SC-5	BOMAG BW 100 SC-5
Fuel		30,0	30,0
Water		100,0	100,0

Technical modifications reserved. Machines may be shown with options.



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