TANDEM VIBRATORY ROLLER
BW100SL-5 and BW120SL-5



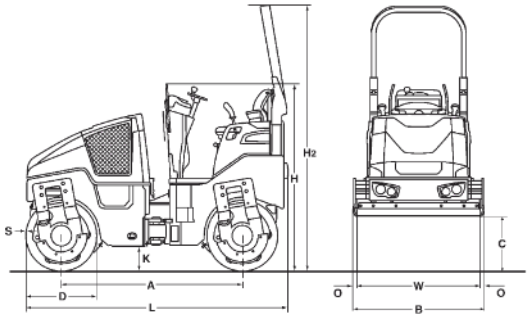
KEY FEATURES

- Tier 4 final Kubota diesel engine without exhaust after-treatment system
- Easy & simple operations
- Wind protected water spray nozzles
- No daily grease points
- High frequency: 72Hz / 4320 VPM
- Maintenance free articulation

Technical Data
BW 100 SL-5, BW 120 SL-5

Shipping dimensions in ft³ (m³)

BW 100 SL-5	247 (7)
BW 120 SL-5	293 (8.3)



Standard Equipment

- ☑ Foldable ROPS with seat belt
- ☑ Hydrostatic travel and vibration drive
- ☑ Pressure sprinkler system with interval switch
- ☑ Suspended operator´s platform
- ☑ 2 scrapers per drum, spring loaded and tiltable
- ☑ Multi-function travel lever
- ☑ Multi-function display incl. operating hour meter
- ☑ Water level
- ☑ Fuel level
- ☑ Electric fuel gauge
- ☑ Emergency STOP
- ☑ Individual control, vibration
- ☑ Intelligent Vibration Control (IVC)
- ☑ Integrated stowage compartment
- ☑ Adjustable operator´s seat
- ☑ Lashing eyes, galvanized
- ☑ Back-up alarm
- ☑ Single point lifting device
- ☑ V-belt protection
- ☑ Vandalism protection
- ☑ Lockable engine hood made of composite material
- ☑ Working lights front and rear
- ☑ 12V socket
- ☑ Seat contact switch
- ☑ Plastic water tank
- ☑ Bolt-on oscillating/articulating joint

Optional Equipment

- ☐ Indicator and hazard lights
- ☐ Rotary beacon
- ☐ Battery disconnection switch
- ☐ Sliding seat
- ☐ ECONOMIZER
- ☐ Burglary protection
- ☐ Special paint

Dimensions in inches (mm)

	A	B	C	D	H	H2	K	L	O	S	W
BW 100 SL-5	69	42	20.6	27.6	71.2	101	10	99.6	1.4	0.4	39.4
	(1752)	(1072)	(523)	(700)	(1808)	(2568)	(254)	(2529)	(36)	(10)	(1000)
BW 120 SL-5	69	50	20.6	27.6	71.2	101	10	99.6	1.4	0.4	47.2
	(1752)	(1272)	(523)	(700)	(1808)	(2568)	(254)	(2529)	(36)	(10)	(1200)

Technical data	**BOMAG BW 100 SL-5**	**BOMAG BW 120 SL-5**
Weights		
Operating weight w. ROPS . . . . . lb (kg)	5181 (2350)	5511 (2500)
Average static linear load . . . . . lb/in (kg/cm)	66.1 (11.8)	58.2 (10.4)
Driving Characteristics		
Speed . . . . . mph (km/h)	0 – 5.6 (0 – 9)	0 – 5.6 (0 – 9)
Working speed with vibration . . . . . mph (km/h)	0 – 3.1 (0 – 5)	0 – 3.1 (0 – 5)
Max. gradeability without/with vibr. . . . . %	40 / 30	40 / 30
Drive		
Engine manufacturer	Kubota	Kubota
Type.	D 1703-DI	D 1703-DI
Tier Compliance	Tier 4 Final	Tier 4 Final
Cooling	water	water
Number of cylinders	3	3
Performance ISO 14396 . . . . . kW	18.5	18.5
Performance SAE J 1995 . . . . . hp	25	25
Speed . . . . . rpm	2200	2200
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	32 / 10	32 / 10
Crab steer offset – manual . . . . . in (mm)	0 – 2 (0 – 50)	0 – 2 (0 – 50)
Track radius, inner. . . . . in (mm)	96.5 (2450)	96.5 (2450)
Exciter System		
Vibrating drum	front + rear	front + rear
Drive system	hydrost.	hydrost.
Frequency . . . . . VPM (Hz)	4320 (72)	4320 (72)
Amplitude . . . . . in (mm)	0.020 (0.50)	0.020 (0.50)
Centrifugal force . . . . . lb (kN)	7640 (34)	8993 (40)
Drum Water Spray System		
Type.	pressure with interval	pressure with interval
Capacities		
Fuel . . . . . gal (l)	9.2 (35)	9.2 (35)
Water. . . . . gal (l)	43.6 (165)	43.6 (165)

Technical modifications reserved. Machines may be shown with options.

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