

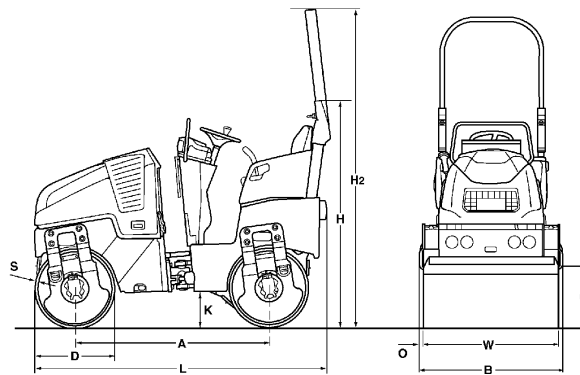


TECHNICAL DATA

TANDEM ROLLERS

BW 90 AD-5, BW 100 ADM-5





Dimensions in in

	A	B	C	D	H	H2	K	L	O	S	W
BW 90 AD-5	58.4	37.5	17.0	22.8	64.1	90.7	10.0	86.4	1.1	0.5	35.4
BW 100 ADM-5	58.4	41.5	17.0	22.8	64.1	90.7	10.0	86.4	1.1	0.5	39.4

Shipping dimensions in cub.yd

BW 90 AD-5
BW 100 ADM-5

without ROPS

4.463
4.937

with ROPS

6.314
6.986

Machine type	Compaction output (cub.yd/h) at recommended soil layer thicknesses		
	Gravel, sand	Mixed soil	Silt, clay
BW 90 AD-5	91.6-157.0	58.9-117.7	45.8-91.6
BW 100 ADM-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 AD-5	15-30	30-50	40-80
BW 100 ADM-5	15-40	35-60	50-90

Technical Data

BOMAG BW 90 AD-5

BOMAG BW 100 ADM-5

Weights

Operating weight CECE	lb	3,527	3,638
Average static linear load CECE	lb/in	49.8	46.2
Grossweight	lb	4,409	4,409

Dimensions

Working width	in	35.4	39.4
Track radius, inner	in	79.9	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	

Drive

Engine manufacturer		Kubota	Kubota
Type		D 902	D 902
Emission stage		4 final	4 final
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	min-1	3,000	3,000
Speed adjustment 1	min-1	2,100	2,100
Speed adjustment 2	min-1	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	2,520/3,780	2,520/3,780
Amplitude	in	0.020	0.016
Centrifugal force	lb	1,799/3,822	1,799/3,822

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

- ☒ Hydrostatic travel and vibration drive
- ☒ Pressure sprinkler system with interval switch
- ☒ Travel drive in series
- ☒ 2 scrapers per drum, spring loaded and tiltable
- ☒ Multi function travel lever
- ☒ Multi-function display incl. operating hour meter
- ☒ Water level
- ☒ 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
- ☒ Vandalism protection
- ☒ Lockable engine hood made of composite material
- ☒ Working lights front and rear
- ☒ 12V socket
- ☒ Seat contact switch

Optional Equipment

- ☐ * ROPS with safety belt
- ☐ Foldable ROPS incl. seat belt
- ☐ Edge cutter
- ☐ Double travel lever
- ☐ Battery disconnect switch
- ☐ Indicator and hazard lights
- ☐ Rotary beacon
- ☐ Optional lighting on ROPS
- ☐ Special painting
- ☐ Seat heating
- ☐ Backup warning buzzer with broadband technology
- ☐ Environmentally compliant hydraulic oil
- ☐ Theft protection
- ☐ Port for hydraulik breaker
- ☐ BOMAG TELEMATIC
- ☐ ECONOMIZER
- ☐ Asphalt temperature display

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

