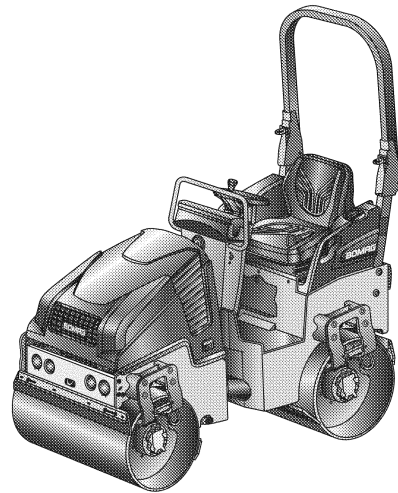


TANDEM VIBRATORY ROLLERS
BW 80 AD-5, BW 90 AD-5, BW 100 ADM-5

PERFORMANCE DATA



Machine type	Compaction output (m ³ /h) at recommended soil layer thicknesses		
	Gravel, sand	Mixed soil	Silt, clay
BW 80 AD-5	60-110	42-85	33-65
BW 90 AD-5	70-120	45-90	35-70
BW 100 ADM-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 80 AD-5	10-30	25-45	35-70
BW 90 AD-5	15-30	30-50	40-80
BW 100 ADM-5	15-40	35-60	50-90

Technical Data

Shipping dimensions in m3	without ROPS	with ROPS
BW 80 AD-5	3,056	4,327
BW 90 AD-5	3,413	4,833
BW 100 ADM-5	3,770	5,338

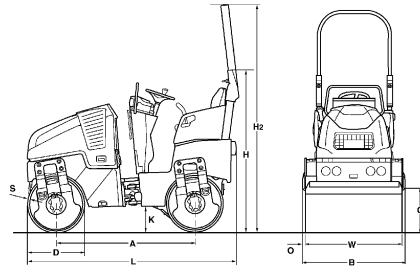
Standard Equipment

- Pressure sprinkler system
- Hydrostatic travel and vibration drive
- Travel drive in series
- Hydrostatic articulated steering
- Oscillating artic. center joint
- Crab walk (0-50mm)
- 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
- Edge cutter
- 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
- Additional weight
- 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 80 AD-5	1483	856	433	580	1627	2304	255	2194	28	13	800
BW 90 AD-5	1483	956	433	580	1627	2304	255	2194	28	12	900
BW 100 ADM-5	1483	1056	433	580	1627	2304	255	2194	28	12	1000

Technical Data

	BOMAG BW 80 AD-5	BOMAG BW 90 AD-5	BOMAG BW 100 ADM-5
Weights			
Operating weight CECE	1.550 kg	1.600	1.650
Average static linear load CECE	9,7 kg/cm	8,9	8,3
Grossweight	1.800 kg	2.000	2.000

Dimensions

Working width	800 mm	900	1.000
Track radius, inner	2.080 mm	2.030	1.980

Driving Characteristics

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

Drive

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

Brakes

Service brake	hydrost.	hydrost.	hydrost.
Parking brake	hydromec.	hydromec.	hydromec.

Steering

Steering system	oscil.artic.	oscil.artic.	oscil.artic.
Steering method	hydrost.	hydrost.	hydrost.
Steering angle +/-	33 grad	33	33
Oscillating angle +/-	8 grad	8	8

Exciter system

Vibrating drum	front + rear	front + rear	front + rear
Drive system	hydrost.	hydrost.	hydrost.
Frequency	63/42 Hz	63/42	63/42
Amplitude	0,50 mm	0,50	0,40
Centrifugal force	17/8 kN	17/8	17/8

Sprinkler System

Type of sprinkling	pressure	pressure	pressure
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Capacities

Fuel	30,0 l	30,0	30,0
Water	100,0 l	100,0	100,0

Technical modifications reserved. Machines may be shown with options.

