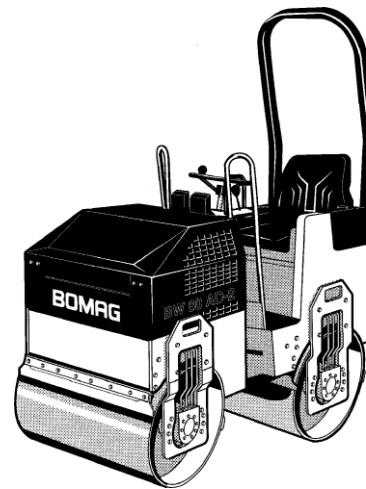


TANDEM VIBRATORY ROLLERS BW 80 AD-2, BW 90 AD-2, BW 100 ADM-2

PERFORMANCE DATA



Machine type	Compaction output (m ³ /h) at recommended soil layer thicknesses		
	Gravel, sand	Mixed soil	Silt, clay
BW 80 AD-2	60-110	42-85	35-65
BW 90 AD-2	70-120	45-90	35-70
BW 100 ADM-2	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-2	10-30	25-45	35-70
BW 90 AD-2	15-30	30-50	40-80
BW 100 ADM-2	15-40	35-60	50-90

Technical Data

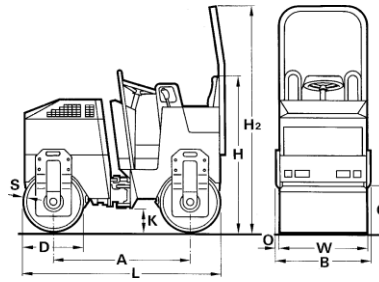
Shipping dimensions in m3	without ROPS	with ROPS
BW 80 AD-2	2,362	3,808
BW 90 AD-2	2,638	4,252
BW 100 ADM-2	2,914	4,697

Standard

- Hydrostatic travel and vibration drive
- Travel drive in series
- Hydrostatic articulated steering
- Oscillating artic. center joint
- Vibration control in travel lever
- Optionally adjustable centrifugal force
- 2 scrapers per drum
- Gravity water sprinkler system
- Adjustable operator's seat
- Plastic water tank
- Lockable engine cover
- Control and warning indicator lights
- Hour meter
- Lockable anti vandal dashboard protection
- Single point lifting device
- Emergency STOP
- Vibration cut-off, rear drum
- Corrosion and weather protected ignition switch
- Fuel level indicator

Options

- * ROPS with safety belts
 - * Seat with contact switch
 - Pressure sprinkler system
 - Foldable ROPS
 - Edge cutter
 - Double travel lever
 - Brake relief device (hydr.)
 - Battery disconnect switch
 - Individual control, vibration front and rear
 - *Working lights front and rear
 - Indicator and hazard lights
 - Rotary beacon
 - Back-up alarm
 - Environmentally compliant hydraulic oil
 - Tool kit
 - Special painting
 - Theft protection
 - Additional weight
 - V-belt protection
- * 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-2	1282	856	458	580	1482	2300	250	1862	28	13	800
BW 90 AD-2	1282	956	458	580	1482	2300	250	1862	28	12	900
BW 100 ADM-2	1282	1056	458	580	1482	2300	250	1862	28	12	1000

Technical Data

	BOMAG BW 80 AD-2	BOMAG BW 90 AD-2	BOMAG BW 100 ADM-2
Weights			
Operating weight CECE	1.470 kg	1.520	1.570
Average static linear load CECE	9,2 kg/cm	8,4	7,9
Grossweight	1.540 kg	1.600	1.650
Dimensions			
Working width	800 mm	900	1.000
Length with ROPS	1.934 mm	1.934	1.934
Track radius, inner	2.020 mm	1.970	1.920
Driving Characteristics			
Max. working speed with vibration	0- 4,5 km/h	0- 4,5	0- 4,5
Max. travel speed	0- 8,0 km/h	0- 8,0	0- 8,0
Max. gradeability without/with vibr.	40/30 %	40/30	40/30

Drive

	BOMAG BW 80 AD-2	BOMAG BW 90 AD-2	BOMAG BW 100 ADM-2
Engine manufacturer	Kubota	Kubota	Kubota
Type	D 722	D 722	D 722
Cooling	water	water	water
Number of cylinders	3	3	3
Speed	min-1 3.000	3.000	3.000
Performance ISO 14396	12,4 kW	12,4	12,4
Performance SAE J 1995	16,6 hp	16,6	16,6
Speed adjustment 1	min-1 3.000	3.000	3.000
Speed adjustment 2	min-1 2.000	2.000	2.000
Electric equipment.....	V 12	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 +/-	31 grad	31	31
Oscillating angle +/-	6 grad	6	6

Exciter system

Vibrating drum	front + rear	front + rear	front + rear
Drive system	hydrost.	hydrost.	hydrost.
Frequency	60/40 Hz	60/40	60/40
Amplitude	0,52 mm	0,46	0,50
Centrifugal force	15/7 kN	16/7	15/7
Centrifugal force	1,5/0,7 t	1,6/0,7	1,5/0,7

Sprinkler System

Type of sprinkling	gravity	gravity	gravity
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Capacities

Fuel	1	23	23
Water	1	100	100

Technical modifications reserved. Machines may be shown with options.



BOMAG
Hellerwald
D-56154 Boppard
P.O. Box 5162
Tel. (0)6742 - 1000
Fax (0)6742 - 3090
Fax (0)6742 - 3090

