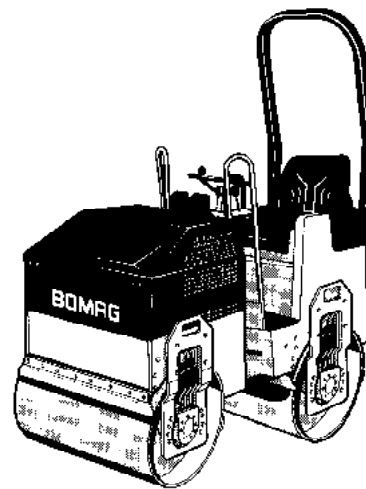


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TANDEM VIBRATORY ROLLERS BW 80 AD-2, BW 90 AD-2, BW 100 ADM-2

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

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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

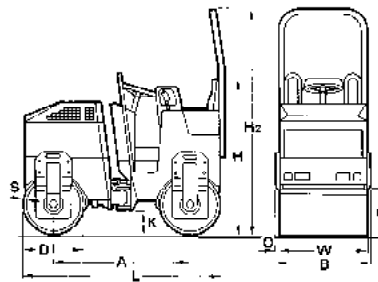
Standard Equipment

- ☒ 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 tanks
- ☒ Lockable engine cover
- ☒ Control and warning indicator lights
- ☒ Automatic shutdown at low oil level
- ☒ 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

Optional Equipment

- ☐ * 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
- ☐ Environmental awareness hydraulic lubricant)
- ☐ Tool kit
- ☐ Special painting

* 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	kg 1.470	1.520	1.570
Average static linear load CECE	kg/cm 9,2	8,4	7,9
Dimensions			
Working width	mm 800	900	1.000
Length with ROPS	mm 1.934	1.934	1.934
Track radius, inner	mm 2.020	1.970	1.920
Driving Characteristics			
Max. working speed with vibration	km/h 0- 4,5	0- 4,5	0- 4,5
Max. travel speed	km/h 0- 8,0	0- 8,0	0- 8,0
Max. gradeability without/with vibr.	% 40/30	40/30	40/30

Drive

Engine manufacturer	Kubota	Kubota	Kubota
Type	D 722 B	D 722 B	D 722 B
Cooling	water	water	water
Number of cylinders	3	3	3
Performance ISO 9249	kW 11,9	11,9	11,9
Speed	min-1 3.000	3.000	3.000
Performance SAE J 1349	kW 11,9	11,9	11,9
Performance SAE J 1349	hp 15,9	15,9	15,9
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	hydraul.	hydraul.	hydraul.
Driven drum	front + rear	front + rear	front + rear

Brakes

Service brake	hydraul.	hydraul.	hydraul.
Parking brake	hydraul.	hydraul.	hydraul.

Steering

Steering system	oscil.artic.	oscil.artic.	oscil.artic.
Steering method	hydraul.	hydraul.	hydraul.
Steering angle +/-	grad 31	31	31
Oscillating angle +/-	grad 6	6	6

Exciter system

Vibrating drum	front + rear	front + rear	front + rear
Drive system	hydraul.	hydraul.	hydraul.
Frequency	Hz 60/40	60/40	60/40
Amplitude	mm 0,50	0,50	0,50
Centrifugal force (each drum)	kN 15/7	15/7	15/7
Centrifugal force	t 1,5/0,7	1,5/0,7	1,5/0,7

Sprinkler System

Type of sprinkling	gravity	gravity	gravity
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Capacities

Fuel	l 23	23	23
Water	l 100	100	100

Technical modifications reserved. Machines may be shown with options.

BOMAG GmbH & CO. OHG

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

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