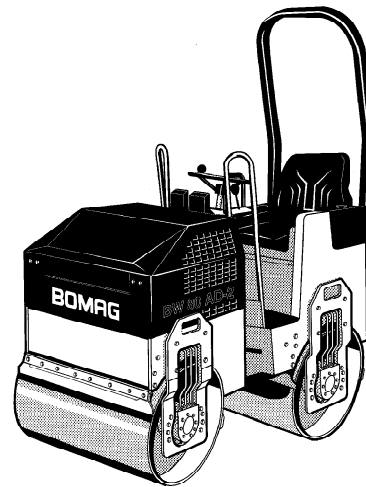


# BOMAG

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

### PERFORMANCE DATA



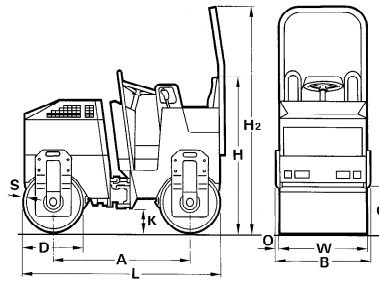
Machine type	Compaction output (m <sup>3</sup> /h) at recommended soil layer thicknesses		
	Gravel, sand	Mixed soil	Silt, clay
BW 80 AD-2	60-110	42-85	35-65
BW 90 AD-2	70-120	45-90	35-70
BW 100 ADM-2	75-140	50-100	36-70

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 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

## 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
- Environmentally compliant hydraulic oil
- 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
<b>Weights</b>			
Operating weight CECE .....	kg 1.470	1.520	1.570
Average static linear load CECE .....	kg/cm 9,2	8,4	7,9
<b>Dimensions</b>			
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
<b>Driving Characteristics</b>			
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

	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 .....	kW 12,4	12,4	12,4
Performance SAE J 1995 .....	hp 16,6	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

	BOMAG BW 80 AD-2	BOMAG BW 90 AD-2	BOMAG BW 100 ADM-2
Service brake .....	hydrost.	hydrost.	hydrost.
Parking brake .....	hydromec.	hydromec.	hydromec.

## Steering

	BOMAG BW 80 AD-2	BOMAG BW 90 AD-2	BOMAG BW 100 ADM-2
Steering system .....	oscil.artic.	oscil.artic.	oscil.artic.
Steering method .....	hydrost.	hydrost.	hydrost.
Steering angle +/- .....	grad 31	31	31
Oscillating angle +/- .....	grad 6	6	6

## Exciter system

	BOMAG BW 80 AD-2	BOMAG BW 90 AD-2	BOMAG BW 100 ADM-2
Vibrating drum .....	front + rear	front + rear	front + rear
Drive system .....	hydrost.	hydrost.	hydrost.
Frequency .....	Hz 60/40	60/40	60/40
Amplitude .....	mm 0,52	0,46	0,50
Centrifugal force .....	kN 15/7	16/7	15/7
Centrifugal force .....	t 1,5/0,7	1,6/0,7	1,5/0,7

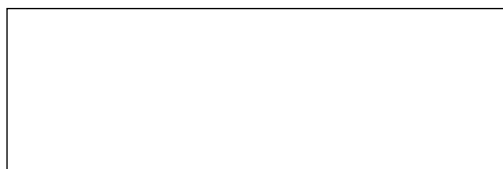
## Sprinkler System

	BOMAG BW 80 AD-2	BOMAG BW 90 AD-2	BOMAG BW 100 ADM-2
Type of sprinkling .....	gravity	gravity	gravity

## Capacities

	BOMAG BW 80 AD-2	BOMAG BW 90 AD-2	BOMAG BW 100 ADM-2
Fuel .....	l 23	23	23
Water .....	l 100	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

# BOMAG