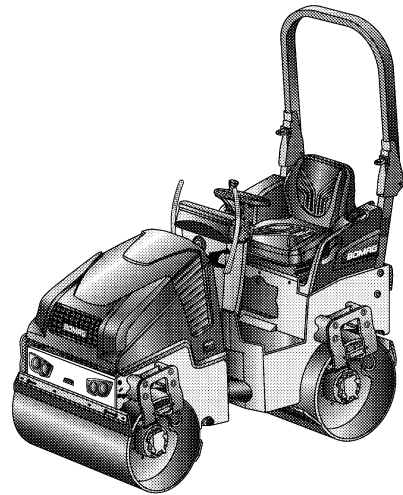


**TANDEM VIBRATORY ROLLERS**  
**BW 80 AD-5, BW 90 AD-5, BW 100 ADM-5**

**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-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
<b>BW 80 AD-5</b>	3,056	4,327
<b>BW 90 AD-5</b>	3,413	4,833
<b>BW 100 ADM-5</b>	3,770	5,338

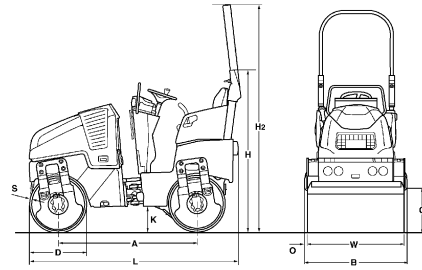
## Standard Equipment

- 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

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



## Dimensions in mm

	A	B	C	D	H	H2	K	L	O	S	W
<b>BW 80 AD-5</b>	1483	856	433	580	1627	2304	255	2194	28	13	800
<b>BW 90 AD-5</b>	1483	956	433	580	1627	2304	255	2194	28	12	900
<b>BW 100 ADM-5</b>	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
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## Weights

Operating weight CECE .....	kg	1.550	1.600	1.650
Average static linear load CECE .....	kg/cm	9,7	8,9	8,3
Grossweight .....	kg	1.800	2.000	2.000

## Dimensions

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

## Driving Characteristics

Speed .....	km/h	0- 10,0	0- 10,0	0- 10,0
Working speed with vibration .....	km/h	0- 10,0	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	
Emission stage .....	4 final	4 final	4 final	
Cooling .....	water	water	water	
Number of cylinders .....	3	3	3	
Performance ISO 14396 .....	kW	15,1	15,1	15,1
Performance SAE J 1995 .....	hp	20,2	20,2	20,2
Speed .....	min-1	3.000	3.000	3.000
Speed adjustment 1 .....	min-1	2.100	2.100	2.100
Speed adjustment 2 .....	min-1	3.000	3.000	3.000
Electric equipment .....	V	12	12	12
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 / oscillating angle +/- .....	grad	33/8	33/8
Crab walk .....		0- 50	0- 50

## Exciter system

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

## Sprinkler System

Type of sprinkling .....		pressure	pressure	pressure
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## Capacities

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

Technical modifications reserved. Machines may be shown with options.

