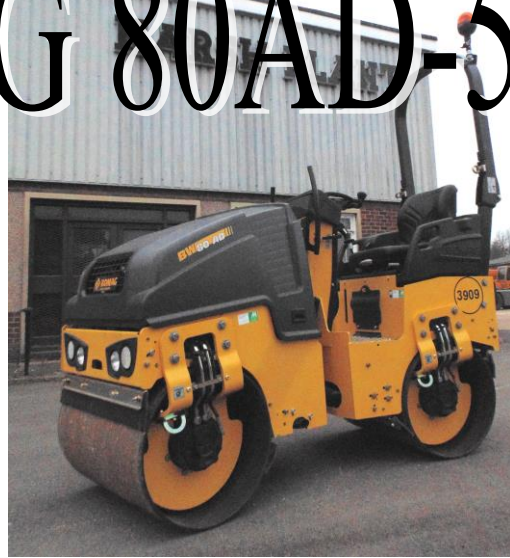


# BOMAG 80AD-5

## Technical Data



Shipping dimensions in m <sup>3</sup>	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

- 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

### Options

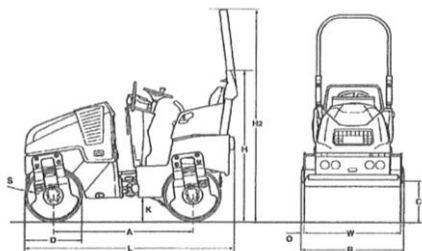
- \* ROPS with safety belt
- \* Foldable ROPS + Seat belt
- Sun roof
- Edge cutter
- Double travel lever
- Battery disconnect switch
- Indicator and hazard lights
- Lamp guard
- Lighting for drum edge
- Rotary beacon
- Special painting
- electronic fuel gauge
- Backup warning buzzer with broadband technology
- 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)

### Technical Data

	BOMAG BW 80 AD-5	BOMAG BW 90 AD-5	BOMAG BW 100 ADM-5
<b>Weights</b>			
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
<b>Dimensions</b>			
Working width .....	mm 800	900	1.000
Track radius, inner .....	mm 2.080	2.030	1.980
<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- 10,0	0- 10,0	0- 10,0
Max. gradeability without/with vibr. ....	% 40/30	40/30	40/30
<b>Drive</b>			
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 .....	kW 15,1	15,1	15,1
Performance SAE J 1995 .....	hp 20,2	20,2	20,2
Speed adjustment 1 .....	min-1 3.000	3.000	3.000
Speed adjustment 2 .....	min-1 2.100	2.100	2.100
Electric equipment .....	V 12	12	12
Drive system .....	hydrost.	hydrost.	hydrost.
Driven drum .....	front + rear	front + rear	front + rear
<b>Brakes</b>			
Service brake .....	hydrost.	hydrost.	hydrost.
Parking brake .....	hydromec.	hydromec.	hydromec.
<b>Steering</b>			
Steering system .....	oscil.artic.	oscil.artic.	oscil.artic.
Steering method .....	hydrost.	hydrost.	hydrost.
Steering angle +/- .....	grad 33	33	33
Oscillating angle +/- .....	grad 8	8	8
<b>Vibrator system</b>			
Vibrating drum .....	front + rear	front + rear	front + rear
Drive system .....	hydrost.	hydrost.	hydrost.
Frequency .....	Hz 63/42	63/42	63/42
Amplitude .....	mm 0,50	0,50	0,40
Centrifugal force .....	kN 17/8	17/8	17/8
<b>Sprinkler System</b>			
Type of sprinkling .....	pressure	pressure	pressure
<b>Capacities</b>			
Fuel .....	l 30	30	30
Water .....	l 100	100	100

Technical modifications reserved. Machines may be shown with options.



### 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