

**TANDEM VIBRATORY ROLLERS
BW 135 AD-5, BW 138 AD-5**

PERFORMANCE DATA

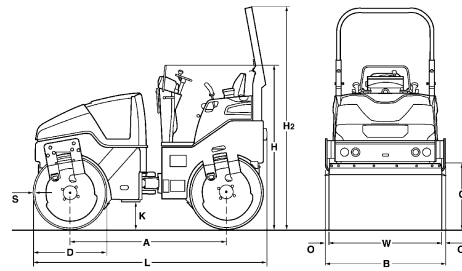


Machine type	Compaction output (m ³ /h) at recommended soil layer thicknesses		
	Gravel, sand	Mixed soil	Silt, clay
BW 135 AD-5	90-180	70-140	40-80
BW 138 AD-5	100-200	80-160	40-80

Machine type	Compaction output (t/h) at different asphalt layer thicknesses		
	2-4 cm	6-8 cm	10-14 cm
BW 135 AD-5	30-55	50-85	75-130
BW 138 AD-5	30-55	50-90	75-135

Technical Data

Shipping dimensions in m3	without ROPS	with ROPS
BW 135 AD-5	7,500	10,659
BW 138 AD-5	7,932	11,272



Standard Equipment

- Hydrostatic travel and vibration drive
- Pressure sprinkler system with interval switch
- 2 scrapers per drum, spring loaded and tiltable
- Multi function travel lever
- Multi-function display incl. operating hour meter
- Water level
- electronic fuel gauge
- Emergency STOP
- Individual control, vibration
- Intelligent Vibration Control (IVC)
- Integrated stowage compartment
- 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
- Sliding seat incl. double travel lever

Optional Equipment

- *Foldable ROPS incl. seat belt
- Edge cutter-right/left
- Gravel scatterer
- Battery disconnect switch
- Indicator and hazard lights
- Rotary beacon
- Optional lighting on ROPS
- Sun roof, rigid
- Sun roof, foldable with ROPS
- Weather protection for sun roof
- Special painting
- Seat heating
- Backup warning buzzer with broadband technology
- Environmentally compliant hydraulic oil
- Theft protection
- Flow divider
- Frequency 60Hz
- 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
BW 135 AD-5	1900	1390	700	900	1900	2700	340	2840	44	16	1300
BW 138 AD-5	1900	1470	700	900	1900	2700	340	2840	44	18	1380

Technical Data

Weights

	Unit	BOMAG BW 135 AD-5	BOMAG BW 138 AD-5
Operating weight w. ROPS CECE	kg	3.900	4.300
Average static linear load CECE	kg/cm	15,0	15,6
Grossweight	kg	4.200	4.700

Dimensions

	Unit	BOMAG BW 135 AD-5	BOMAG BW 138 AD-5
Working width	mm	1.300	1.380
Track radius, inner	mm	2.665	2.616

Driving Characteristics

	Unit	BOMAG BW 135 AD-5	BOMAG BW 138 AD-5
Speed	km/h	0- 10,0	0- 10,0
Working speed with vibration	km/h	0- 10,0	0- 10,0
Max. gradeability without/with vibr.	%	40/30	40/30

Drive

	Unit	BOMAG BW 135 AD-5	BOMAG BW 138 AD-5
Engine manufacturer		Kubota	Kubota
Type		V 2203	V 2203
Emission stage		3a/4i	3a/4i
Cooling		water	water
Number of cylinders		4	4
Performance ISO 14396	kW	33,3	33,3
Performance SAE J 1995	hp	45,3	45,3
Speed	min-1	2.600	2.600
Speed adjustment 1	min-1	2.300	2.300
Speed adjustment 2	min-1	2.600	2.600
Electric equipment	V	12	12
Driven drum		front + rear	front + rear

Brakes

	Unit	BOMAG BW 135 AD-5	BOMAG BW 138 AD-5
Service brake		hydrost.	hydrost.
Parking brake		hydromec.	hydromec.

Steering

	Unit	BOMAG BW 135 AD-5	BOMAG BW 138 AD-5
Steering system		oscil.artic.	oscil.artic.
Steering method		hydrost.	hydrost.
Steering / oscillating angle +/-	grad	32/10	32/10
Crab walk		0- 50	0- 50

Exciter system

	Unit	BOMAG BW 135 AD-5	BOMAG BW 138 AD-5
Vibrating drum		front + rear	front + rear
Drive system		hydrost.	hydrost.
Frequency	Hz	42/52	42/52
Amplitude	mm	0,50	0,50
Centrifugal force	kN	27/42	32/50

Sprinkler System

	Unit	BOMAG BW 135 AD-5	BOMAG BW 138 AD-5
Type of sprinkling		pressure	pressure

Capacities

	Unit	BOMAG BW 135 AD-5	BOMAG BW 138 AD-5
Fuel	l	55,0	55,0
Water	l	310,0	310,0

Technical modifications reserved. Machines may be shown with options.



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