

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

PERFORMANCE DATA

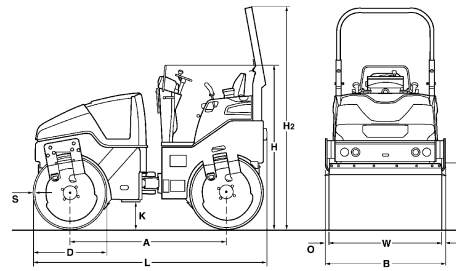


Machine type	Compaction output (m ³ /h) at recommended soil layer thicknesses		
	Gravel, sand	Mixed soil	Silt, clay
BW 135 AD-5	90-180	70-140	40-80
BW 138 AD-5	100-200	80-160	40-80

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
- Oscillating artic. center joint
- 2 scrapers per drum
- Suspended operator's platform
- Slideable seat
- Pressure sprinkler system with interval switch
- Hour meter
- Lockable engine cover
- Lockable anti vandal dashboard protection
- Single point lifting device
- Emergency stop button
- ROPS with safety belt, foldable
- * Seat with contact switch
- Working lights front/rear
- Foldable ROPS
- Back-up alarm
- Autom. vibration operation
- Individual vibration control
- Double travel lever
- Fuel level indicator

Optional Equipment

- Edge cutter
 - Indicator and hazard lights
 - Rotary beacon
 - Biodegradable hydraulic oil
 - Special paint
 - Tool kit
 - Electronic Engine Immobilizer
 - Gravel scrapper
 - BOMAG TELEMATIC
 - Backup warning buzzer with broadband technology
 - Approval by the German TÜV
 - 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

	kg	BOMAG BW 135 AD-5	BOMAG BW 138 AD-5
Operating weight w. ROPS CECE	kg	3.900	4.300
Average axle load CECE	kg	1.950	2.150
Average static linear load CECE	kg/cm	15,0	15,6
Grossweight	kg	4.200	4.700

Dimensions

	mm	BOMAG BW 135 AD-5	BOMAG BW 138 AD-5
Track radius, inner	mm	2.665	2.616

Driving Characteristics

	km/h	BOMAG BW 135 AD-5	BOMAG BW 138 AD-5
Max. working speed with vibration	km/h	5,0	5,0
Max. travel speed	km/h	10,0	10,0
Max. gradeability (depending on soil con	%	40	40

Drive

		BOMAG BW 135 AD-5	BOMAG BW 138 AD-5
Engine manufacturer		Kubota	Kubota
Type		V 2203	V 2203
Cooling		water	water
Number of cylinders		4	4
Performance ISO 9249	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	2.600	2.600
Speed adjustment 2	min-1	2.300	2.300
Electric equipment	V	12	12
Drive system		hydrost.	hydrost.

Brakes

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

Steering

		BOMAG BW 135 AD-5	BOMAG BW 138 AD-5
Steering system		oscil.artic.	oscil.artic.
Steering method		hydrost.	hydrost.
Steering angle +/-	grad	32	32
Oscillating angle +/-	grad	10	10
Crab walk / lateral displacement	mm	50	50

Exciter system

		BOMAG BW 135 AD-5	BOMAG BW 138 AD-5
Vibrating drum		front + rear	front + rear
Drive system		hydrost.	hydrost.
Frequency	Hz	52/42	52/42
Amplitude	mm	0,50	0,50
Centrifugal force	kN	42/27	49/32
Centrifugal force	t	4,3/2,8	5,0/3,3

Sprinkler System

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

Capacities

	l	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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