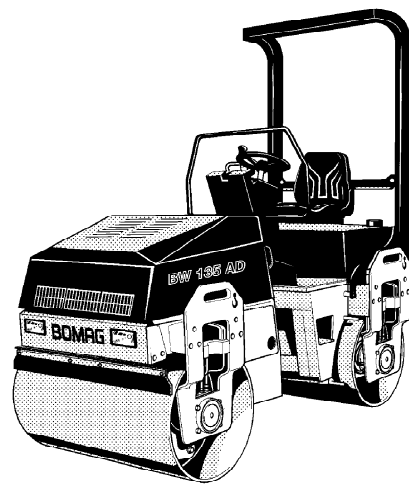


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TANDEM VIBRATORY ROLLERS BW 135 AD, BW 138 AD

PERFORMANCE DATA



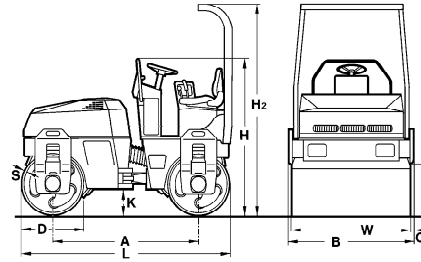
Machine type	Compaction output (m ³ /h) at recommended soil layer thicknesses		
	Gravel, sand	mixed soil	Silt, clay
BW 135 AD	90-180	70-140	40-80
BW 138 AD	100-200	80-160	40-80

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

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TECHNICAL DATA

Shipping dimensions in m ³	without ROPS	with ROPS
BW 135 AD	6,791	9,650
BW 138 AD	7,231	10,268



Standard Equipment

- Hydrostatic travel and vibration drive
- Hydrostatic articulated steering
- Oscillating artic. center joint
- Vibration control in travel lever
- 2 scrapers per drum
- Suspended operator's platform
- Adjustable operator's seat
- Slideable seat
- Plastic water tank
- Pressure sprinkler system with interval switch
- Control and warning indicator lights
- Hour meter
- Lockable engine cover
- Lockable anti vandal dashboard protection
- Transport lashing and lifting points front/rear
- Emergency stop button
- Vibration cut-off, rear drum
- Corrosion and weather protected ignition switch
- * ROPS with safety belts
- * Working lights front/rear
- * Seat with contact switch

Optional Equipment

- Weather protection roof
- Weather protection cabin
- Edge cutter
- Flow divider
- Indicator and hazard lights
- Rotary beacon
- Back-up alarm
- Biodegradable hydraulic oil
- Special paint
- Tool kit
- Foldable ROPS
- Autom. vibration operation
- Individual vibration control

* 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	1790	1380	650	800	1900	2700	320	2590	40	17	1300
BW 138 AD	1790	1460	650	810	1905	2705	325	2600	40	22	1380

TECHNICAL DATA

Weights

	BOMAG BW 135 AD	BOMAG BW 138 AD
Operating weight CECE	kg 3.560	4.200
Average axle load CECE	kg 1.780	2.100
Average static linear load CECE	kg/cm 13,7	15,2

Dimensions

	BOMAG BW 135 AD	BOMAG BW 138 AD
Track radius, inner	mm 3.650	3.610

Driving Characteristics

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

Drive

	BOMAG BW 135 AD	BOMAG BW 138 AD
Engine manufacturer	Deutz	Deutz
Type	F3L 2011	F3L 2011
Cooling	Air - oil	Air - oil
Number of cylinders	3	3
Performance ISO 9249	kW 34	34
Speed	min-1 2.800	2.800
Performance SAE J 1349	kW 34	34
Speed	min-1 2.800	2.800
Speed adjustment 1	min-1 2.200	2.500
Speed adjustment 2	min-1 2.700	2.800
Electric equipment	V 12	12
Drive system	hydrost.	hydrost.
Driven drum	front + rear	front + rear

Brakes

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

Steering

	BOMAG BW 135 AD	BOMAG BW 138 AD
Steering system	oscil.artic.	oscil.artic.
Steering method	hydrost.	hydrost.
Steering angle +/-	grad 25	25
Oscillating angle +/-	grad 13	13

Exciter system

	BOMAG BW 135 AD	BOMAG BW 138 AD
Vibrating drum	front + rear	front + rear
Drive system	hydrost.	hydrost.
Frequency	Hz 50/60	46/52
Amplitude	mm 0,40	0,50
Centrifugal force	kN 26/37	38/50

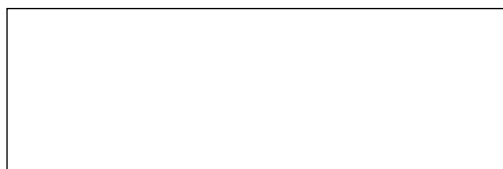
Sprinkler System

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

Capacities

	BOMAG BW 135 AD	BOMAG BW 138 AD
Fuel	l 55	55
Water	l 230	230

Technical modifications reserved. Machines may be shown with options.



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