

## TANDEM VIBRATORY ROLLERS BW 135 AD, BW 138 AD

### PERFORMANCE DATA

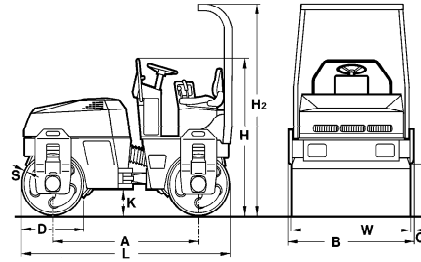


Machine type	Compaction output (m <sup>3</sup> /h) at recommended soil layer thicknesses		
	Gravel, sand	Mixed soil	Silt, clay
BW 135 AD	90-180	70-140	40-80
BW 138 AD	100-200	80-160	40-80

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

# Technical Data

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



## Standard

- 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

## Options

- 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
- Electronic Engine Immobilizer
- Document bag
- Gravel scrapper
- Lamp guard
- Double travel lever
- V-belt protection

\* 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 w. ROPS CECE	3.600 kg	4.200 kg
Average axle load CECE	1.800 kg	2.100 kg
Average static linear load CECE	13,8 kg/cm	15,2 kg/cm
Grossweight	3.750 kg	4.400 kg

### Dimensions

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

### Driving Characteristics

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

### Drive

	BOMAG BW 135 AD	BOMAG BW 138 AD
Engine manufacturer	Deutz	Deutz
Type	D 2011 L3i	D 2011 L3i
Cooling	Air - oil	Air - oil
Number of cylinders	3	3
Performance ISO 14396	34,5 kW	34,5 kW
Performance SAE J 1995	46,2 hp	46,2 hp
Speed	2.800 min-1	2.800 min-1
Speed adjustment 1	2.500 min-1	2.500 min-1
Speed adjustment 2	2.800 min-1	2.800 min-1
Electric equipment	V 12	V 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 +/-	25 grad	25 grad
Oscillating angle +/-	13 grad	13 grad

### Exciter system

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

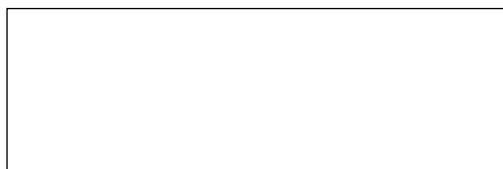
### Sprinkler System

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

### Capacities

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

Technical modifications reserved. Machines may be shown with options.



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