

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

PERFORMANCE DATA

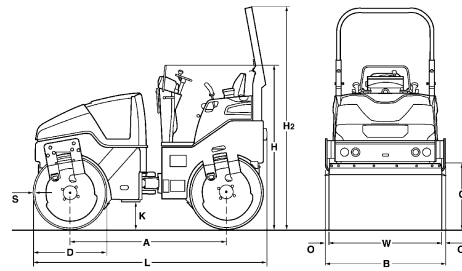


| Machine type | Compaction output (m ³ /h) at recommended soil layer thicknesses | | |
|--------------|---|------------|------------|
| | Gravel, sand | Mixed soil | Silt, clay |
| BW 135 AD-5 | 90-180 | 70-140 | 40-80 |
| BW 138 AD-5 | 100-200 | 80-160 | 40-80 |

| 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
- BOMAG TELEMATIC
- ECONOMIZER

* Standard delivery with CE conformity (valid within European Union)#72

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.

