

TECHNICAL DATA

TANDEM ROLLERS

BW 100 AD-5, BW 120 AD-5





Dimensions in mm

| | A | B | C | D | H | H2 | K | L | O | S | W |
|--------------------|----------|----------|----------|----------|----------|-----------|----------|----------|----------|----------|----------|
| BW 100 AD-5 | 1752 | 1072 | 523 | 700 | 1808 | 2568 | 254 | 2529 | 36 | 13 | 1000 |
| BW 120 AD-5 | 1752 | 1272 | 523 | 700 | 1808 | 2568 | 254 | 2529 | 36 | 13 | 1200 |

Shipping dimensions in m3

BW 100 AD-5
BW 120 AD-5

without ROPS

4,902
5,816

with ROPS

6,962
8,261

| Machine type | Compaction output (m3/h) at recommended soil layer thicknesses | | |
|---------------------|---|-------------------|-------------------|
| | Gravel, sand | Mixed soil | Silt, clay |
| BW 100 AD-5 | 80-145 | 55-105 | 38-73 |
| BW 120 AD-5 | 85-170 | 65-125 | 43-85 |

| Machine type | Compaction output (t/h) at different asphalt layer thicknesses | | |
|---------------------|---|---------------|-----------------|
| | 2-4 cm | 6-8 cm | 10-12 cm |
| BW 100 AD-5 | 15-40 | 40-60 | 60-100 |
| BW 120 AD-5 | 20-45 | 40-70 | 70-120 |

Technical Data**BOMAG
BW 100 AD-5****BOMAG
BW 120 AD-5****Weights**

| | | | |
|---------------------------------------|-------|-------|-------|
| Operating weight w. ROPS CECE | kg | 2.500 | 2.700 |
| Average static linear load CECE | kg/cm | 12,5 | 11,3 |
| Grossweight | kg | 3.000 | 3.150 |

Dimensions

| | | | |
|---------------------------|----|-------|-------|
| Working width | mm | 1.000 | 1.200 |
| Track radius, inner | mm | 2.550 | 2.450 |

Driving Characteristics

| | | | |
|---|------|--------|--------|
| Speed | km/h | 0- 9,0 | 0- 9,0 |
| Working speed with vibration | km/h | 0- 5,0 | 0- 5,0 |
| Max. gradeability without/with vibr. | % | 40/30 | 40/30 |

Drive

| | | | |
|------------------------------|-------|------------------|------------------|
| Engine manufacturer | | Kubota | Kubota |
| Type | | D 1703 | D 1703 |
| Emission stage | | Stage V / TIER4f | Stage V / TIER4f |
| Cooling | | water | water |
| Number of cylinders | | 3 | 3 |
| Performance ISO 14396 | kW | 18,5 | 18,5 |
| Performance SAE J 1995 | hp | 25,0 | 25,0 |
| Speed | min-1 | 2.200 | 2.200 |
| Electric equipment | V | 12 | 12 |
| Driven drum | | front + rear | front + rear |

Brakes

| | | | |
|---------------------|--|-----------|-----------|
| Service brake | | hydrost. | hydrost. |
| Parking brake | | hydromec. | hydromec. |

Steering

| | | | |
|--|------|--------------|--------------|
| Steering system | | oscil.artic. | oscil.artic. |
| Steering method | | hydrost. | hydrost. |
| Steering / oscillating angle +/- | grad | 32/10 | 32/10 |
| Crab walk | mm | 0- 50 | 0- 50 |

Exciter system

| | | | |
|-------------------------|----|--------------|--------------|
| Vibrating drum | | front + rear | front + rear |
| Drive system | | hydrost. | hydrost. |
| Frequency | Hz | 65/56 | 65/56 |
| Amplitude | mm | 0,50 | 0,50 |
| Centrifugal force | kN | 32/24 | 39/29 |

Sprinkler System

| | | | |
|--------------------------|--|----------|----------|
| Type of sprinkling | | pressure | pressure |
|--------------------------|--|----------|----------|

Capacities

| | | | |
|-------------|---|-------|-------|
| Fuel | l | 35,0 | 35,0 |
| Water | l | 205,0 | 205,0 |

Technical modifications reserved. Machines may be shown with options.

Standard Equipment

- Hydrostatic travel and vibration drive
- Travel drive in series
- 2 scrapers per drum, spring loaded and tiltable
- Pressure sprinkler system with interval switch
- Multi function travel lever
- Multi-function display incl. operating hour meter
- Water level
- Emergency STOP
- Individual control, vibration
- Intelligent Vibration Control (IVC)
- Integrated storage compartment
- Adjustable operator's seat
- Seat contact switch
- Vandalism protection
- 12V socket
- Working lights front and rear
- Back-up alarm
- Lashing eyes, galvanized
- Single point lifting device
- Lockable engine hood made of composite material

Optional Equipment

- * Foldable ROPS incl. seat belt
- Sun roof, foldable with ROPS
- Weather protection for sun roof
- Seat heating
- Sliding seat incl. double travel lever
- ECONOMIZER with asphalt temperature display
- Temperature display
- BOMAG TELEMATIC
- Indicator and hazard lights
- Rotary beacon
- Optional lighting on ROPS
- Battery disconnect switch
- Environmentally compliant hydraulic oil
- Theft protection
- Edge cutter
- Hydraulically adjustable crabwalk (50mm)
- Pointer
- Special painting
- Backup warning buzzer with broadband technology
- ECOSTOP
- Outside mirrors
- Anti-frost intake
- Tablet holder set
- JOBLINK measuring technology interface
- JOBLINK Bluetooth adapter
- BOMAP GPS antenna holder

