

TECHNICAL DATA

TANDEM ROLLERS

BW 100 AD E-5, BW 120 AD E-5





Dimensions in mm

| | A | B | C | D | H | H2 | K | L | O | S | W |
|----------------------|----------|----------|----------|----------|----------|-----------|----------|----------|----------|----------|----------|
| BW 100 AD E-5 | 1752 | 1072 | 523 | 700 | 1808 | 2568 | 254 | 2529 | 36 | 10 | 1000 |
| BW 120 AD E-5 | 1752 | 1272 | 523 | 700 | 1808 | 2568 | 254 | 2529 | 36 | 10 | 1200 |

Shipping dimensions in m3

BW 100 AD E-5
BW 120 AD E-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 E-5 | 80-145 | 55-105 | 38-73 |
| BW 120 AD E-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 E-5 | 15-40 | 40-60 | 60-100 |
| BW 120 AD E-5 | 20-45 | 40-70 | 70-120 |

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

| | | | |
|---------------------------------------|-------|-------|-------|
| Operating weight w. ROPS CECE | kg | 2.500 | 2.700 |
| Average static linear load CECE | kg/cm | 12,5 | 10,8 |
| Grossweight | kg | 2.650 | 2.800 |

Dimensions

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

Driving Characteristics

| | | | |
|---|------|---------|---------|
| Speed | km/h | 0- 10,0 | 0- 10,0 |
| Working speed with vibration | km/h | 0- 5,0 | 0- 5,0 |
| Max. gradeability without/with vibr. | % | 40/30 | 40/30 |

Drive

| | | | |
|-------------------|-------|---------------|---------------|
| Type | | SYNCHRONMOTOR | SYNCHRONMOTOR |
| Performance | kW | 20,0 | 20,0 |
| Speed | min-1 | 2.080 | 2.080 |
| Driven drum | | front + rear | front + rear |

Electric equipment

| | | | |
|-------------------------|-----|--------|--------|
| Operating voltage | V | 48 | 48 |
| battery, type | | Li-Ion | Li-Ion |
| battery capacity | kWh | 25 | 25 |

Brakes

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

Steering

| | | | |
|--|------|------------------|------------------|
| Steering system | | oscil.artic. | oscil.artic. |
| Steering method | | electro-hydrost. | electro-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 | | electro-hydrost. | electro-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

| | | | |
|-------------|---|-------|-------|
| Water | l | 205,0 | 205,0 |
|-------------|---|-------|-------|

Technical modifications reserved. Machines may be shown with options.

Standard Equipment

- Electro-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
- Battery disconnect switch

Optional Equipment

- Foldable ROPS incl. seat belt
- Sun roof, foldable with ROPS
- Sliding seat incl. double travel lever
- ECONOMIZER with asphalt temperature display
- BOMAG TELEMATIC
- Indicator and hazard lights
- Rotary beacon
- Pointer
- Special painting
- Anti-frost intake
- Tablet holder set
- JOBLINK measuring technology interface
- JOBLINK Bluetooth adapter
- BOMAP GPS antenna holder
- Edge cutter
- Seat heating
- Optional lighting on ROPS
- Environmentally compliant hydraulic oil
- Backup warning buzzer with broadband technology
- Outside mirrors

