TECHNICAL DATA

TANDEM ROLLERS
BW 135 AD-5, BW 138 AD-5
Dimensions in mm

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>H</th>
<th>H2</th>
<th>K</th>
<th>L</th>
<th>O</th>
<th>S</th>
<th>W</th>
</tr>
</thead>
<tbody>
<tr>
<td>BW 135 AD-5</td>
<td>1900</td>
<td>1390</td>
<td>700</td>
<td>900</td>
<td>1900</td>
<td>2700</td>
<td>340</td>
<td>2840</td>
<td>44</td>
<td>16</td>
<td>1300</td>
</tr>
<tr>
<td>BW 138 AD-5</td>
<td>1900</td>
<td>1468</td>
<td>700</td>
<td>900</td>
<td>1900</td>
<td>2700</td>
<td>340</td>
<td>2840</td>
<td>44</td>
<td>18</td>
<td>1380</td>
</tr>
</tbody>
</table>

Shipping dimensions in m³

<table>
<thead>
<tr>
<th></th>
<th>Without ROPS</th>
<th>With ROPS</th>
</tr>
</thead>
<tbody>
<tr>
<td>BW 135 AD-5</td>
<td>7.500</td>
<td>10.659</td>
</tr>
<tr>
<td>BW 138 AD-5</td>
<td>7.921</td>
<td>11.257</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Machine type</th>
<th>Compaction output (m³/h) at recommended soil layer thicknesses</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Gravel, sand</td>
</tr>
<tr>
<td>BW 135 AD-5</td>
<td>90-180</td>
</tr>
<tr>
<td>BW 138 AD-5</td>
<td>100-200</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Machine type</th>
<th>Compaction output (t/h) at different asphalt layer thicknesses</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2-4 cm</td>
</tr>
<tr>
<td>BW 135 AD-5</td>
<td>30-55</td>
</tr>
<tr>
<td>BW 138 AD-5</td>
<td>30-55</td>
</tr>
</tbody>
</table>
### Technical Data

#### Weights
- **BW 135 AD-5**
  - Operating weight w. ROPS CECE: 4,000 kg
  - Average static linear load CECE: 15.4 kg/cm
  - Grossweight: 4,200 kg
- **BW 138 AD-5**
  - Operating weight w. ROPS CECE: 4,500 kg
  - Average static linear load CECE: 16.3 kg/cm
  - Grossweight: 4,700 kg

#### Dimensions
- **BW 135 AD-5**
  - Working width: 1.300 mm
  - Track radius, inner: 2.665 mm
- **BW 138 AD-5**
  - Working width: 1.380 mm
  - Track radius, inner: 2.616 mm

#### Driving Characteristics
- **BW 135 AD-5**
  - Speed: 0-10.0 km/h
  - Working speed with vibration: 0-10.0 km/h
  - Max. gradeability without with vibr.: 40/30 %
- **BW 138 AD-5**
  - Speed: 0-10.0 km/h
  - Working speed with vibration: 0-10.0 km/h
  - Max. gradeability without with vibr.: 40/30 %

#### Drive
- **BW 135 AD-5**
  - Engine manufacturer: Kubota
  - Type: V2403
  - Emission stage: Stage IV / TIER4f
  - Exhaust gas aftertreatment: DPF
  - Cooling: water
- **BW 138 AD-5**
  - Engine manufacturer: Kubota
  - Type: V2403
  - Emission stage: Stage IV / TIER4f
  - Exhaust gas aftertreatment: DPF
  - Cooling: water

#### Brakes
- **BW 135 AD-5**
  - Service brake: hydrost.
  - Parking brake: hydromec.
- **BW 138 AD-5**
  - Service brake: hydrost.
  - Parking brake: hydromec.

#### Steering
- **BW 135 AD-5**
  - Steering system: oscil.artic.
  - Steering method: hydromec.
  - Steering / oscillating angle +/-: 32/10 grad
  - Crab walk: 0-50 grad
- **BW 138 AD-5**
  - Steering system: oscil.artic.
  - Steering method: hydromec.
  - Steering / oscillating angle +/-: 32/10 grad
  - Crab walk: 0-50 grad

#### Exciter system
- **BW 135 AD-5**
  - Vibrating drum: front + rear
  - Drive system: hydrost.
  - Frequency: 50/56 Hz
  - Amplitude: 0,50 mm
  - Centrifugal force: 39/48 kN
- **BW 138 AD-5**
  - Vibrating drum: front + rear
  - Drive system: hydrost.
  - Frequency: 50/56 Hz
  - Amplitude: 0,50 mm
  - Centrifugal force: 45/57 kN

#### Sprinkler System
- **BW 135 AD-5**
  - Type of sprinkling: pressure
- **BW 138 AD-5**
  - Type of sprinkling: pressure

#### Capacities
- **BW 135 AD-5**
  - Fuel: 55,0 l
  - Water: 310,0 l
- **BW 138 AD-5**
  - Fuel: 55,0 l
  - Water: 310,0 l

Technical modifications reserved. Machines may be shown with options.
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 scraper
- 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
- Asphalt temperature display
- 2. Amplitude:0,2mm

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