TECHNICAL DATA

COMBINATION ROLLER
BW 138 AC-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 138 AC-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 138 AC-5</td>
<td>7.921</td>
<td>11.257</td>
</tr>
</tbody>
</table>

Machine type

<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 138 AC-5</td>
<td>30-55</td>
</tr>
</tbody>
</table>
## Technical Data

### Weights
- Operating weight w. ROPS CECE: 4,150 kg
- Axle load, drum / wheels CECE: 2,150/2,000 kg
- Wheel load CECE: 500 kg
- Static linear load, front CECE: 15.6 kg/cm
- Grossweight: 4,300 kg

### Dimensions
- Working width: 1,380 mm
- Track radius, inner: 2,616 mm

### Driving Characteristics
- Speed (1): 5,0 km/h
- Speed (2): 10,0 km/h
- Max. gradeability without/with vibr.: 40/30%

### Drive
- Engine manufacturer: Kubota
- Type: V2403
- Emission stage: Stage V / TIER4f
- Exhaust gas aftertreatment: DPF
- Cooling: water
- Number of cylinders: 4
- Performance ISO 14396: 34,1 kW
- Performance SAE J 1995: 45,7 hp
- Speed: 2,400 min⁻¹
- Speed adjustment 1: 2,300 min⁻¹
- Speed adjustment 2: 2,530 min⁻¹
- Electric equipment: 12 V

### Drums and Tyres
- Tyre size: 10.5/80-16
- Number of tyres: 4

### Brakes
- Service brake: hydromec.
- Parking brake: hydromec.

### Steering
- Steering system: oscill.artic.
- Steering method: hydromec.
- Steering / oscillating angle +/-: 32/10 grad
- Crab walk: 0-50

### Exciter system
- Vibrating drum: front
- Drive system: hydromec.
- Frequency: 50/56 Hz
- Amplitude: 0,50 mm
- Centrifugal force: 45/57 kN

### Capacities
- Fuel: 55,0 l
- Water: 260,0 l
- Emulsion: 50,0 l

Technical modifications reserved. Machines may be shown with options.
Standard Equipment

- Hydrostatic travel and vibration drive
- 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
- Electronic fuel gauge
- Emergency STOP
- Individual control, vibration
- Intelligent Vibration Control (IVC)
- Integrated stowage compartment
- Sliding seat incl. double travel lever
- Seat contact switch
- 12V socket
- Working lights front and rear
- Vandalism protection
- Lockable engine hood made of composite material
- Lashing eyes, galvanized
- Single point lifting device
- Back-up alarm

Optional Equipment

- *Foldable ROPS incl. seat belt
- Sun roof, rigid
- Sun roof, foldable with ROPS
- Weather protection for sun roof
- Weather protection cabin
- Seat heating
- ECONOMIZER with asphalt temperature display
- Temperature display
- BOMAG TELEMATIC
- Indicator and hazard lights
- Rotary beacon
- Optional lighting on ROPS
- Lighting for drum edge
- Battery disconnect switch
- Environmentally compliant hydraulic oil
- Theft protection
- Edge cutter
- Gravel scratter
- Thermal aprons
- Hydraulically adjustable crabwalk (50mm)
- Pointer
- 2. Amplitude:0,2mm
- Backup warning buzzer with broadband technology
- Special painting
- Tool kit
- ECOSTOP

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