## PERFORMANCE DATA

### Machine type

<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 100 AD-5</td>
<td>80-145</td>
</tr>
<tr>
<td>BW 120 AD-5</td>
<td>85-170</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 100 AD-5</td>
<td>15-40</td>
</tr>
<tr>
<td>BW 120 AD-5</td>
<td>20-45</td>
</tr>
</tbody>
</table>
**Technical Data**

Shipping dimensions in m³

<table>
<thead>
<tr>
<th></th>
<th>without ROPS</th>
<th>with ROPS</th>
</tr>
</thead>
<tbody>
<tr>
<td>BW 100 AD-5</td>
<td>4.902</td>
<td>6.962</td>
</tr>
<tr>
<td>BW 120 AD-5</td>
<td>5.816</td>
<td>8.261</td>
</tr>
</tbody>
</table>

**Standard Equipment**
- Oscillating artic. joint
- Crab walk
- Working lights front/rear
- Seat contact switch
- 2 scrapers per drum
- Plastic water tank
- Individual control, vibration
- Hour meter
- Lockable engine cover
- Lockable anti vandal dashboard protection
- Transport lashing and lifting points front/rear
- Vibration cut-off, rear drum
- Emergency STOP
- Pick-up alarm
- Water level
- Pressure sprinkler system with interval switch
- Electronic fuel gauge
- Single point lifting device
- Document bag
- V-belt protection
- Autom. vibration operation

**Optional Equipment**
- * Foldable ROPS
- Edge cutter
- Indicator and hazard lights
- Rotary beacon
- Biodegradable hydraulic oil
- Special paint
- Tool kit
- Double travel lever (Sliding seat)
- Laterally sliding seat
- Pressure sprinkler system
- Electronic Engine Immobilizer
- Weather protection roof
- Battery disconnect switch
- Sun roof
- Flow divider
- Gravel scrapper
- Backup warning buzzer with broadband technology
- TELEMATIC
- ECONOMIZER

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

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### 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 100 AD-5</td>
<td>1752</td>
<td>1072</td>
<td>523</td>
<td>700</td>
<td>1808</td>
<td>2568</td>
<td>254</td>
<td>2529</td>
<td>36</td>
<td>13</td>
<td>1000</td>
</tr>
<tr>
<td>BW 120 AD-5</td>
<td>1752</td>
<td>1272</td>
<td>523</td>
<td>700</td>
<td>1808</td>
<td>2568</td>
<td>254</td>
<td>2529</td>
<td>36</td>
<td>13</td>
<td>1200</td>
</tr>
</tbody>
</table>

### Technical Data

<table>
<thead>
<tr>
<th>BW 120 AD-5</th>
<th>BW 100 AD-5</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Weights</strong></td>
<td><strong>Weights</strong></td>
</tr>
<tr>
<td>Operating weight w. ROPS CECE</td>
<td>kg</td>
</tr>
<tr>
<td>Average axle load CECE</td>
<td>kg</td>
</tr>
<tr>
<td>Average static linear load CECE</td>
<td>kg/cm</td>
</tr>
<tr>
<td>Grossweight</td>
<td>kg</td>
</tr>
</tbody>
</table>

### Dimensions

- Truck radius, inner | mm | 2.550 | 2.450 |

### Driving Characteristics

- Speed (1) | km/h | 0-5.0 | 0-5.0 |
- Speed (2) | km/h | 0-10.0 | 0-10.0 |
- Max. gradeability without/with vibr, | % | 40/30 | 40/30 |

### Drive

- Engine manufacturer | Kubota | Kubota |
| Type | D 1703ME3B | D 1703ME3B |
| Cooling | water | water |
| Number of cylinders | 3 | 3 |
| Performance SAE J 1995 | kW | 24.3 | 24.3 |
| Performance SAE J 1349 | hp | 32.6 | 32.6 |
| Spindle | min-1 | 2.600 | 2.600 |
| Speed adjustment 1 | min-1 | 2.500 | 2.500 |
| Speed adjustment 2 | min-1 | 2.600 | 2.600 |
| Electric equipment | V | 12 | 12 |

### Brakes

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

### Steering

- Steering system | oscil.artic. | oscil.artic. |
- Steering method | hydromec. | hydromec. |
- Steering angle +/- | grad | 32 | 32 |
- Oscillating angle +/- | grad | 10 | 10 |
- Crab walk / lateral displacement | mm | 50 | 50 |

### Exciter System

- Vibrating drum | front + rear | front + rear |
- Drive system | hydromec. | hydromec. |
- Frequency | Hz | 67/63 | 67/63 |
- Amplitude | mm | 0,49/0,49 | 0,51/0,51 |
- Centrifugal force | kN | 34/30 | 41/36 |

### 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.