TECHNICAL DATA

REFUSE COMPACTOR
BC 473 RS-3
Dimensions in mm

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>B2</th>
<th>B3</th>
<th>D</th>
<th>H</th>
<th>H4</th>
<th>K</th>
<th>L</th>
</tr>
</thead>
<tbody>
<tr>
<td>BC 473 RS-3</td>
<td>3500</td>
<td>3198</td>
<td>3110</td>
<td>2885</td>
<td>1660</td>
<td>3820</td>
<td>2130</td>
<td>600</td>
<td>9230</td>
</tr>
</tbody>
</table>

Shipping dimensions in m3

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>BC 473 RS-3</td>
<td>112,757</td>
</tr>
</tbody>
</table>

a) Reach (45°) 1266 mm
b) Loading height 3050 mm
c) Lifting height 4130 mm
d) Transport position 600 mm
a) Max. unloading angle 45°
b) Max. bucket inclination 60° (in transport position)
c) Max. bucket inclination at max. lift height 60°
Bucket contents 3.7 m³
Technical Data

**Weights**

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grossweight</td>
<td>26.500</td>
</tr>
<tr>
<td>Operating weight CECE</td>
<td>25.400</td>
</tr>
<tr>
<td>Axle load, front CECE</td>
<td>12.300</td>
</tr>
<tr>
<td>Axle load, rear CECE</td>
<td>13.100</td>
</tr>
</tbody>
</table>

**Driving Characteristics**

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Speed (1), forward km/h</td>
<td>0-4.5</td>
</tr>
<tr>
<td>Speed (1), reverse km/h</td>
<td>0-4.5</td>
</tr>
<tr>
<td>Speed (2), forward km/h</td>
<td>0-12.0</td>
</tr>
<tr>
<td>Speed (2), reverse km/h</td>
<td>0-12.0</td>
</tr>
<tr>
<td>Max. gradeability (dep. on soil con.) %</td>
<td>100</td>
</tr>
<tr>
<td>Max. pushing force kN</td>
<td>281</td>
</tr>
</tbody>
</table>

**Drive**

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engine manufacturer</td>
<td>Deutz</td>
</tr>
<tr>
<td>Type</td>
<td>TCD 2013 L06 4V</td>
</tr>
<tr>
<td>Emission stage</td>
<td>Stage IIIa / TIER3</td>
</tr>
<tr>
<td>Cooling</td>
<td>Liquid</td>
</tr>
<tr>
<td>Number of cylinders</td>
<td>6</td>
</tr>
<tr>
<td>Performance ISO 9249 kW</td>
<td>227.0</td>
</tr>
<tr>
<td>Performance SAE J 1349 hp</td>
<td>304.0</td>
</tr>
<tr>
<td>Speed min-1</td>
<td>2.200</td>
</tr>
<tr>
<td>Travel system</td>
<td>hydrost.</td>
</tr>
<tr>
<td>Operating voltage V</td>
<td>24</td>
</tr>
</tbody>
</table>

**Compaction Wheels**

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Width, front mm</td>
<td>900</td>
</tr>
<tr>
<td>Width, rear mm</td>
<td>900</td>
</tr>
<tr>
<td>Outer diameter (front) mm</td>
<td>1.660</td>
</tr>
<tr>
<td>Outer diameter (rear) mm</td>
<td>1.660</td>
</tr>
<tr>
<td>Number of teeth/cutters, front</td>
<td>40</td>
</tr>
<tr>
<td>Number of teeth/cutters, rear</td>
<td>40</td>
</tr>
<tr>
<td>Compaction coverage per side mm</td>
<td>1.013</td>
</tr>
</tbody>
</table>

**Brakes**

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Service brake</td>
<td>hydrost.</td>
</tr>
<tr>
<td>Parking brake</td>
<td>hydromec.</td>
</tr>
</tbody>
</table>

**Steering**

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Steering system</td>
<td>oscil.artic.</td>
</tr>
<tr>
<td>Steering method</td>
<td>hydraulic</td>
</tr>
<tr>
<td>Steering angle +/- grad</td>
<td>35</td>
</tr>
<tr>
<td>Oscillating angle +/- grad</td>
<td>15</td>
</tr>
<tr>
<td>Track radius, inner mm</td>
<td>3.762</td>
</tr>
</tbody>
</table>

**Capacities**

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fuel l</td>
<td>375.0</td>
</tr>
<tr>
<td>Hydraulic oil l</td>
<td>260.0</td>
</tr>
</tbody>
</table>

Technical modifications reserved. Machines may be shown with options.
**Standard Equipment**
- Electronic engine management
- Electronic monitoring module with engine shut-down
- Dry air filter
- Multi fuel filter system
- Fuel bleeding pump
- Four wheel drives, hydraulic differential lock in the front and rear (Twin pump drive)
- Wear control in hydraulic circuit
- Oscillating articulated joint between front and rear frames
- Adjustable scrapers in front of and behind each wheel
- All drive components well protected by the closed frame pan
- Wire deflector and drive protection on inner side of wheels
- ROPS/FOPS
- Noise insulated cab with automatic heating – air conditioning
- Vibration insulated cab suspension
- Safety glass cabin window panes
- Sun visor
- Hinged window left
- Windscreen wiper / washer front
- Outside rear mirrors
- Activated carbon filter
- High air intake
- Air suspended seat
- Control unit for dozer blade and travel direction control beside the driver’s seat
- Joystick steering
- Display instruments
- Lockable cabin and engine hood
- 24 V electrics
- Generator 150 A
- Battery disconnecting switch
- Working lights, 4 front / 2 rear
- Audible backup alarm
- Warning horn
- Access steps right / left
- Towing eyes front / rear
- Heated rear screens
- Reversible fan
- Working platform
- Rearview camera

**Optional Equipment**
- Polygonal compaction wheels, teeth with replaceable caps
- Bucket (3200mm)
- Premium compaction wheels with highly wear resistant teeth
- Central lubrication system
- CD-Radio
- Pre start cabin heating
- Rotary beacon
- Fire extinguisher
- Special painting
- Electrical anti-theft system with numerical code
- Tool kit
- Protective grille for cabin
- Climatronic
- Tachograph
- Cold start device
- Protective ventilation system (Pre-installation)
- Bucket tooth system
- LED Working head lights
- TELEMATIC POWER