Multi Purpose Sleeper Changing Unit RBS20HPX for the extraction and exchange of railway ballast and concrete sleepers (B55/58 or B70), as well as wooden or steel sleepers of different shapes and sizes. The RBS20HPX with Ballast Shield and HPXdrive is ideal for road rail excavators with 14t - 24t / 30800 - 52800 lbs operating weight.

- **Efficiency**: the large shield with buckets clears the track from the ballast. The sleeper is then grabbed by the hydraulically operated gripper and pulled out from the ballast bed. Once the new sleeper is placed, the shield is used to bring back and level the ballast again. Rational use.
- **Safety**: a special holding valve provides a safe grip – even if pressure drops.
- **Reduced wear** due to the use of HARDOX quality steel.
- **Bolt-on adapter**: available for different quick coupling systems.
- **HPXdrive**: maintenance-low and cylinderless drive unit with exchangeable shell system.
- **360° endless rotation** due to the integrated 15t-rotator.
- **Adjustable plunge depth** for more flexibility (depending on sleeper height).
- **3 bolt-on ballast buckets**, exchangeable in a few minutes.

### Sleeper Changing Unit RBS20HPX with Ballast Shield and HPXdrive

<table>
<thead>
<tr>
<th>Type</th>
<th>Gripping range A (mm / in)</th>
<th>Weight (kg / lbs)</th>
<th>Length D (mm / in)</th>
<th>Height C (mm / in)</th>
<th>Width E (mm / in)</th>
<th>Gripper elements (pieces)</th>
<th>Load capacity (kg / lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>RBS20HPX</td>
<td>270 - 570 / 10.63 - 22.44</td>
<td>1250 / 2750</td>
<td>2800 / 110.24</td>
<td>1340 / 52.76</td>
<td>1670 / 65.75</td>
<td>4</td>
<td>2000 / 4400</td>
</tr>
</tbody>
</table>

Package consists of: sleeper changing unit, ballast shield and 3 bolt-on ballast buckets, KINSHOFER rotator KM 15 F273/273 and HPXdrive, non-return valve

### Accessories

<table>
<thead>
<tr>
<th>Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>T650 rigid</td>
<td>bolt-on adapter for “Atlas” quick coupler T620</td>
</tr>
</tbody>
</table>

**Note**: see more mounting options page 27

### Requirements of Excavator

- Two hydraulic circuits needed
- Operating pressure open/close max. 20 MPa (200 bar) / 2880 psi
- Operating pressure rotate max. 35 MPa (350 bar) / 5040 psi
- Recommended oil flow open/close 25 - max. 75 l/min / 6.6 - max. 19.8 GPM
- Recommended oil flow rotate 20 - max. 50 l/min / 5.3 - max. 13.2 GPM

We reserve the right to amend specifications without prior notice. KINSHOFER GmbH, D-83607 Holzkirchen, Germany