Worm slewing drives from Liebherr are very compact with a high power density. This design is ideal for transferring high forces and torques whilst requiring a small package space.

Liebherr’s production processes ensure that the worm slewing drives deliver maximum accuracy and functionality. Continuous development also guarantees maximum torque and minimal maintenance work. These worm slewing drives are suitable for use in steering drives for chassis on crane and heavy load vehicles, in loading cranes or in agricultural machinery. In addition to worm slewing drives, spur gear and belt slewing drives are also available.

**Features:**
- Maximum torque
- Low maintenance
- Long service life
- Small package space
- Easy to service
- Prestressed track system
- Classification using conventional standards
Technical data

Slewing Drives Product Line – Worm Slewing Drive

Technical features

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Raceway diameter</td>
<td>223 mm to 725 mm</td>
</tr>
<tr>
<td>Maximum torque</td>
<td>Up to approx. 250,000 Nm</td>
</tr>
<tr>
<td>Maximum tilting torque</td>
<td>1,100 Nm</td>
</tr>
<tr>
<td>Weight</td>
<td>Up to approx. 750 kg</td>
</tr>
<tr>
<td>Worm design</td>
<td>Single or double thread design</td>
</tr>
<tr>
<td>Brake</td>
<td>Self-retention or mounted brake</td>
</tr>
<tr>
<td>Lubrication</td>
<td>Oil or grease</td>
</tr>
</tbody>
</table>

Oil lubrication for easy maintenance

- Longer maintenance intervals
- No maintenance required in various applications
- Perfect for the difficult access situations
- For improved on duty cycle
- Improved lubrication properties

Applications

- Steering gear
- Port mobile cranes
- Heavy load platforms
- Handling equipment
- Construction machinery
- Commercial vehicles
- Grab tools
- Attachment tools
- Satellite antennas
- Cranes
- Working platforms
- Lifting gear

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