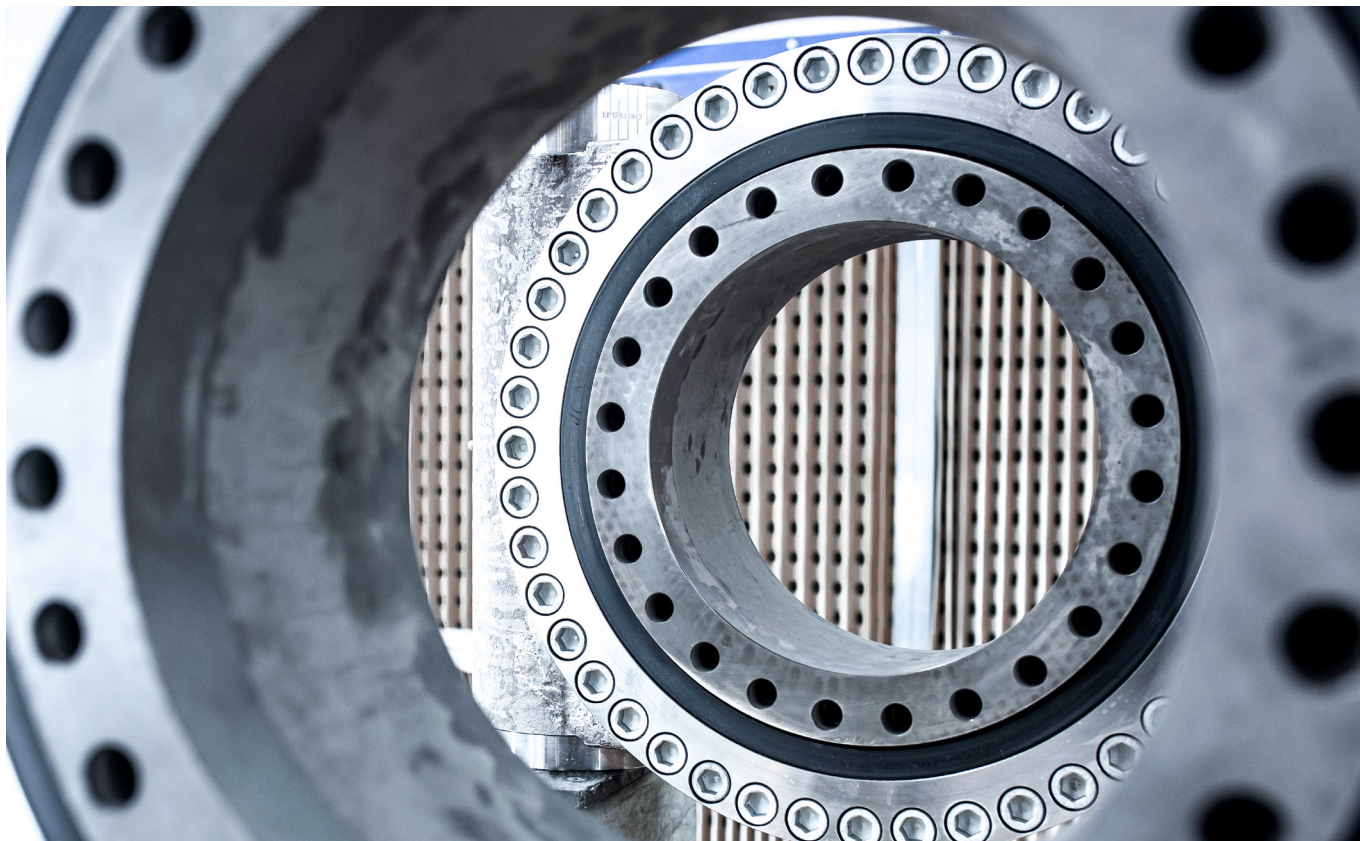


Short description

Slew drives product line

Worm slew drive



Worm slew 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 slew drives deliver maximum accuracy and functionality. Continuous development also guarantees maximum torque and minimal maintenance work. These worm slew 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 slew 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
- Signature Line: with or without prestressed track system

LIEBHERR

Technical data

Slew drives product line

Worm slew drive

Ball bearing worm slew drives

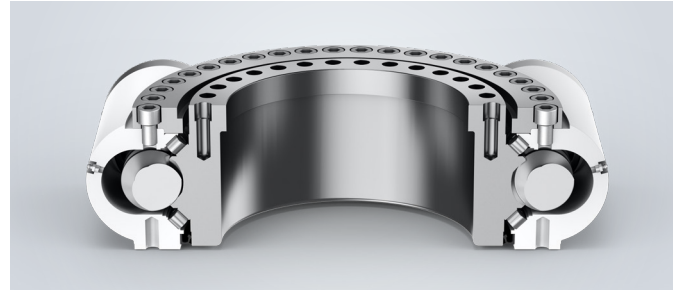
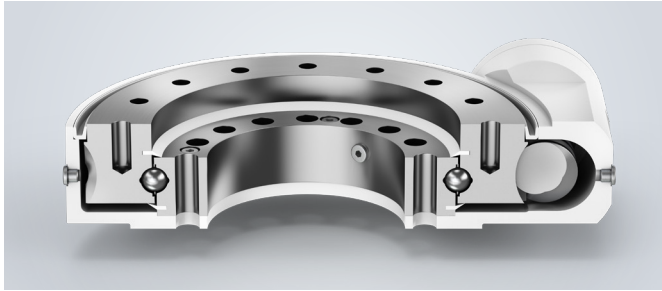
Technical features

Raceway diameter	223 mm to 725 mm
Maximum torque	Up to approx. 140,000 Nm
Maximum tilting torque	1,100 Nm
Weight	Up to approx. 750 kg
Worm design	Single or double thread design
Brake	Self-retention or mounted brake
Lubrication	Oil or grease

Roller bearing worm slew drives

Technical features

Raceway diameter	363.5 mm to 713.5 mm
Maximum torque	Up to approx. 190,000 Nm
Maximum tilting torque	1,389.5 Nm
Weight	Up to approx. 430 kg
Worm design	Single or double thread design
Brake	Self-retention or mounted brake
Lubrication	Oil or grease



Oil lubrication for easy maintenance

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

Applications

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

