

Tunnel boring components by Liebherr

Components for Mumbai metro



"Liebherr is more than a supplier, they are a partner that we can depend on to supply the most critical components on our machine."

Mike Kolenich,
Director of Supply Chain at The Robbins Company

Mumbai goes Metro

In India's metropolis Mumbai, a new metro network is currently under construction. The Robbins Company has been entrusted with parts of the tunnel boring work whereby it relies once again on Liebherr's proven main bearings to do the job.

Tough components for rough environments

The soil conditions and a tight schedule pose particular challenges to both machine and material.

3.5 km of fresh to weathered basalt, breccia up to 100 MPa UCS, water pressure up to 3 bars, as well as an announced drilling speed of 250 meters per month in average place high demands on the components in tunnel boring machines.

Liebherr main bearings are specially designed for these high continuous loads and guarantee fail-safe drilling.



Technical Data

 3 meters and less

Type: Three row roller bearing with preloaded retaining raceway

Weight: 7,500 kg

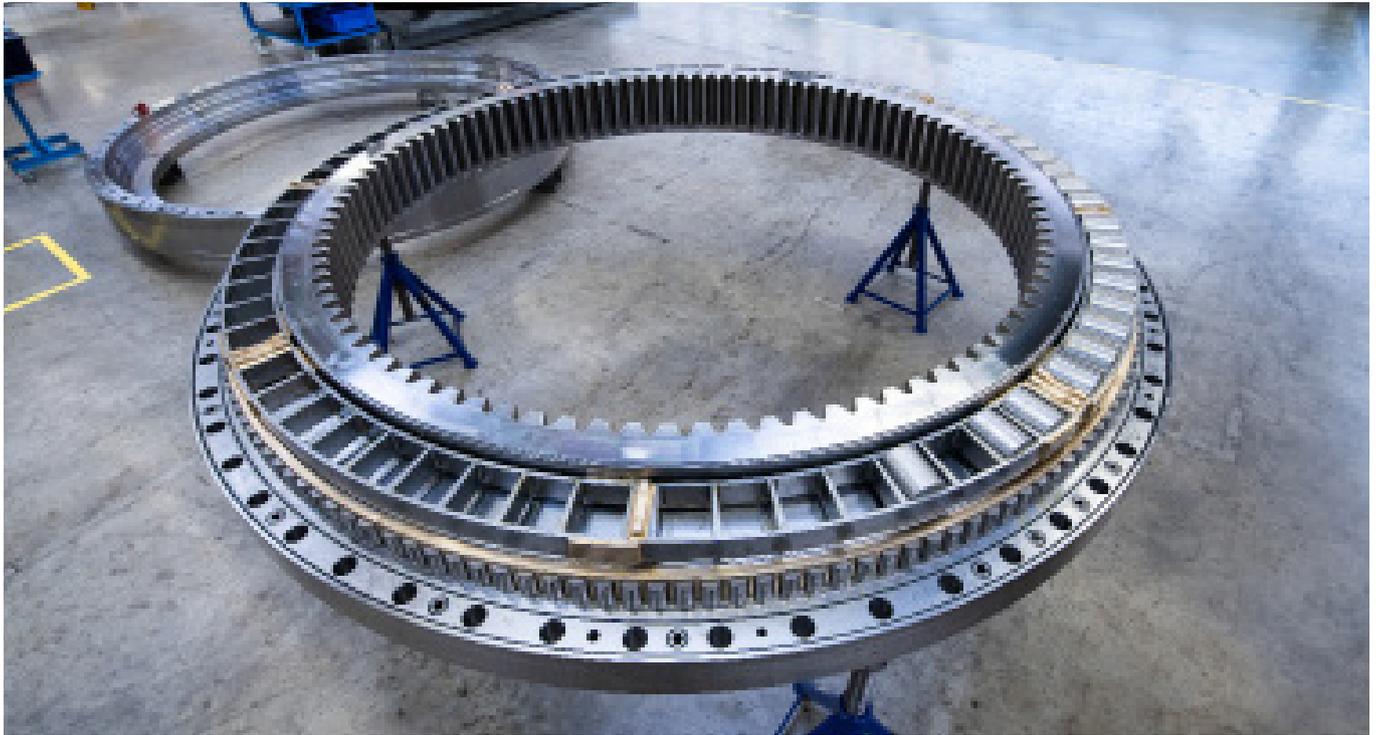
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LIEBHERR

Components by Liebherr

Made tough. Components for tunnel boring machines.



Ø 3 meters and less



Ø 4 meters



Ø 5 meters and more



drives and gearboxes



Components and services you can rely on

- Best-in-class customer response times
- Made to master extreme environments
- Extensive engineering and consulting services
- Innovative products made in Germany