



DECARBON TECHNOLOGIES
Rothe Erde

Aftermarket & Service

engineering.tomorrow.together.



thyssenkrupp



Aftermarket Wind

In wind energy, reliability is key, especially in remote or offshore locations where access is limited and downtime is costly. We supply precision-engineered components, ready for installation, with global availability and technical support to keep turbines running efficiently.

Our lubricant analyses, inspections and spare parts stocking concepts enable predictive maintenance and reduce unplanned downtime. With durable, high-performance spare parts and smart service solutions, we help operators maximize turbine performance and fully leverage bearing life, reducing total cost of ownership.



Scan the QR code or use the link to learn more about our aftermarket on our website:
www.thyssenkrupp-rotheerde.com/aftermarket/wind



Aftermarket Mining

In mining, every minute of downtime means lost production and lost profit. We supply high-performance parts, always up to the latest technical standards, straight from stock, with global support, so your machines get back to work faster and cost-effectively.

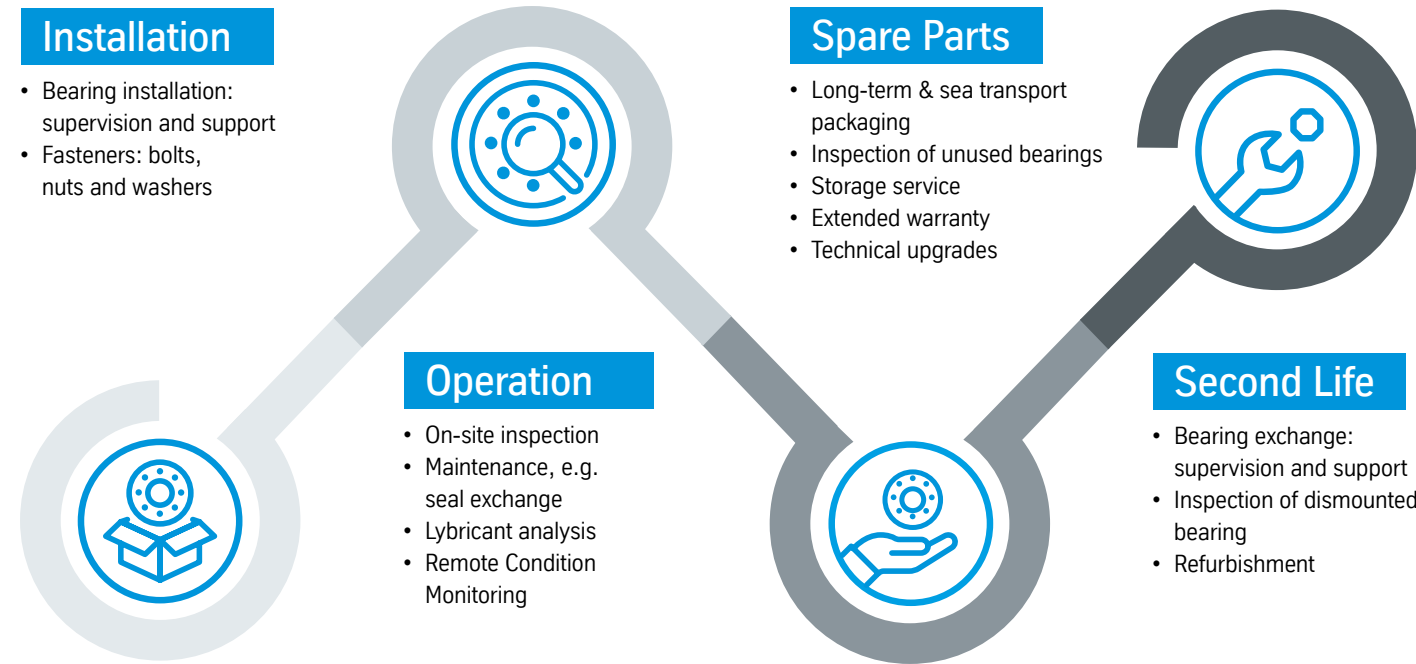


Scan the QR code or use the link to learn more about our aftermarket on our website:
www.thyssenkrupp-rotheerde.com/aftermarket/mining



Your valuable partner across the Bearing Life Cycle

From initial installation and ongoing operation to spare parts sourcing and refurbishment, our solutions support every stage of your bearing's life. With tailored services and high-quality components, we ensure your systems run reliably, efficiently, and sustainably, today and in the future.



Training

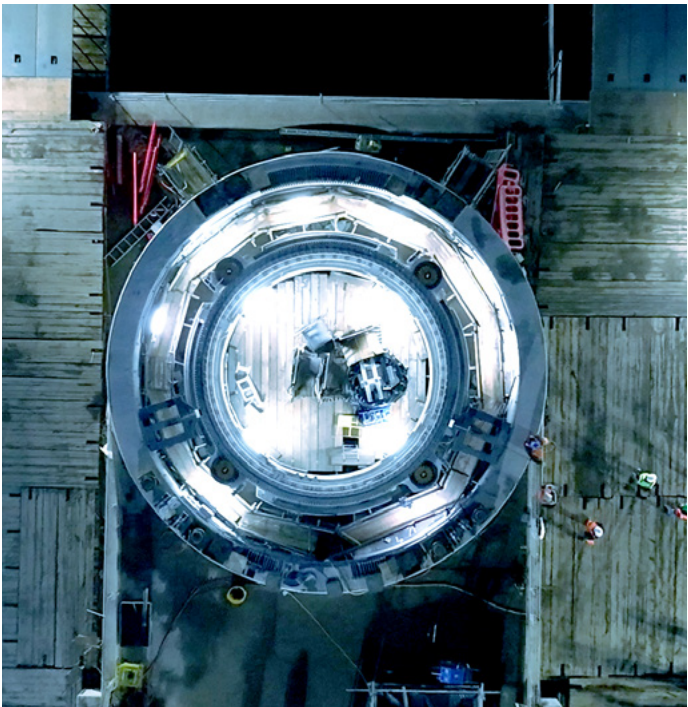
- Hands-on & theoretical training – on-site or at Rothe Erde
- Factory tour included for trainings at Rothe Erde
- Optional handouts & certificate – tailored to your needs

Installation

High cost pressure and complex requirements during bearing installation present major challenges for many operators. Especially in hard-to-access systems, installation poses significant challenges. We offer practical and cost-effective solutions.

Your benefits with installation services from Rothe Erde:

- ➞ Installation support by experienced master fitters: Our specialists provide on-site assistance to ensure the professional installation of slewing and rolling bearings.
- ➞ Included fastening materials: Everything you need for installation is already provided, ensuring a smooth process on site.
- ➞ Tower-ready modules for wind turbines: Our pre-assembled components are ready for immediate use and prepared for direct installation. This saves time and reduces installation effort.
- ➞ Training for your team: We deliver hands-on expertise in installation and bearing technology.



Operation

Maintenance is a key factor in ensuring reliable asset operation. However, it demands specialized expertise and sufficient resources, which not every operator has readily available. At the same time, a lack of transparency regarding the actual condition of bearings can lead to uncertainty and inefficiencies. Rothe Erde offers a practical, hands-on solution for modern, condition-based maintenance that puts you back in control.

Your benefits with maintenance services from Rothe Erde:

- ➞ Early detection of wear: Through regular lubricant analysis and targeted inspections, we identify potential damage early and help prevent unplanned downtime.
- ➞ Targeted seal replacement: Based on condition assessments, we replace seals when necessary.
- ➞ Training for your team: We provide hands-on expertise in maintenance and condition evaluation, empowering your team to act independently.

Spare Parts

Unexpected breakdowns and long downtimes cost time and money. Especially when spare parts are difficult to source and delivery times are unpredictable. With our spare parts, you can sustainably secure the operational readiness of your systems.



Your benefits with spare parts from Rothe Erde:

- ➞ Always technically up to date: We supply improved and updated bearing models as spare parts.
- ➞ Clear identification: Our drawing numbers enable fast and precise part identification, ensuring maximum ordering reliability.
- ➞ Efficient spare parts management: With targeted inspections by our experts, spare part needs can be identified and planned in a predictive manner. Extended warranty options and long-term packaging solutions further ensure reliability and readiness.
- ➞ Ready for immediate deployment in wind turbines: Our Tower-ready modules for pitch bearings are immediately deployable and prepared for direct installation.
- ➞ Strategically stocked for fast availability in wind turbines: Thanks to global strategic stocking, our spare parts are quickly available for a wide range of wind turbine models. We offer broad coverage and deep manufacturing expertise especially for pitch bearings.

Second Life

Bearings are exposed to extreme loads during operation, but wear and damage do not necessarily mean the end of their service life. With our professional refurbishment service, we offer a cost-effective alternative to new parts, without compromising on quality or safety.

Your benefits with Rothe Erde refurbishment:

- ➞ Technical inspection and evaluation: Each bearing is thoroughly inspected before and after refurbishment. This includes wear analysis, condition assessment, and full documentation. Your bearing will be restored to a like-new condition.
- ➞ Fast availability: Refurbished bearings can be provided as replacement stock at short notice.
- ➞ Resource conservation and cost efficiency: By reusing suitable components, you reduce operating costs and minimize material consumption.
- ➞ Quality-assured processes: Our refurbishment follows clearly defined standards, with documented traceability and verified functionality.
- ➞ Practical sustainability: Extending the service life of your components actively contributes to reducing CO₂ emissions and waste.

Trainings

Whether on-site or at our Rothe Erde facility, our training sessions combine hands-on practice with solid theoretical foundations. Participants gain valuable insights into our products and processes including a factory tour for trainings held in Lippstadt. Optional handouts and certificates are available upon request and tailored to your needs.



Let's talk.

Would you like to learn more about our products and services or discuss your specific requirements? Our team will be pleased to assist you with expert advice, tailored solutions, and prompt support.

➞ service.rotheerde@thyssenkrupp-rotheerde.com

Scan the QR code to access our detailed insights and resources on key aftermarket challenges:

➞ www.thyssenkrupp-rotheerde.com/aftermarket



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