

Gearbox – repairs & refurbishments

Full industrial gearbox lifecycle management



When your main drive is due for repair or refurbishment, thyssenkrupp offers the facilities and qualified personnel to carry out the required work. thyssenkrupp gearbox experts can assess the current condition of the drive, provide a report on the required scope and can offer all stages of the repair and refurbishment work including seal, bearing and gear replacements, gearbox housing repairs and test runs.

thyssenkrupp's global gearbox team has engineers and technicians based in Germany as well as in ten service centers worldwide. With the experience in offer, thyssenkrupp can provide a full range of services from on-site repairs to full workshop refurbishments in one of its service centers near you.

With references in successfully refurbishing bucketwheel drives, tube mill drives, conveyer belt drives, HPGR drives, and many more industrial drives, thyssenkrupp has a proven track record in supplying reliable services across many drive applications and manufacturers.

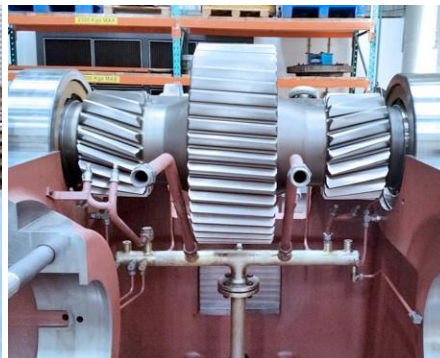
thyssenkrupp can provide this global expertise through regional and local specialists to ensure fast, reliable support.

Service advantages

- Global network of service centers on your doorstep
- Experienced service team
- OEM parts to guarantee quality
- Service for all industrial gearboxes: bevel, helical, planetary drives
- Proven track record of successful gearbox repairs and refurbishments
- Full access to the tkIS gearbox competence center
- Combined with our POLDRIVE service you have full peace of mind



Helical gearbox refurbishment in the Chile Service Center



Combiflex gearbox refurbishment in the South Africa Service Center



Planetary gearbox refurbishment in the Australia Service Center

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360° Service

Service solutions throughout the entire life cycle of your plant



thyssenkrupp



Parts & supply management

We optimize your parts management and help you to identify the correct time to replace or overhaul your components.

Spare & wear parts delivery

- Identification of the optimal spare and wear parts
- Fast delivery of original OEM spare and wear parts
- Attractive frame contracts and warranty solutions

Advanced parts solutions

- Engineering and manufacturing of individual spare parts
- Development of custom-tailored and innovative wear part solutions

Warehouse consulting

- Analysis of spare and wear parts inventory
- Development of stock range depending of plant hierarchy and equipment criticality
- Streamlining of warehouse processes

Availability solutions

- Custom-tailored parts availability and supply solutions



Field & workshop services

We offer you local assistance when it comes to overhauling spare and wear parts, or when maintenance and servicing is needed.

Technical inspections

- Forward-looking inspections of machines and components

Repairs and field support

- Fulltime site support and advice after handover of equipment
- Fault identification and emergency repair of components
- Installation and dismantling
- Equipment adjustments and alignments

Workshop services

- Local fabrication of spare parts
- Refurbishment and supply of thyssenkrupp and third party components

Operator & maintenance training courses

- Customer training for all areas of thyssenkrupp portfolio
- Utilization of product experts within thyssenkrupp's global network



Revamps & outages

Over the course of time, demands change. In order to meet these changed demands, we offer you custom-tailored revamp solutions.

Analysis, engineering and manufacturing

- Plant status and environmental analysis and assessment
- Feasibility studies
- Basic, front-end and detail engineering
- Manufacturing of individual equipment

Plant improvements

- Custom-tailored revamps and retrofitting solutions
- Debottlenecking through capacity extensions
- Efficiency enhancement through modernization and upgrades
- Emission reduction
- Safety and integrity upgrades
- Reliability improvement

Revamps execution up to EPC

- Execution of complex revamp and outage projects
- Execution of EPC revamps projects
- Custom-tailored risk and profit sharing models

Turnaround management

- Management of plant turnarounds



Asset management

We offer you a holistic asset management approach in order to reduce the overall operating expenses of your plant.

Consulting & audits

- Evaluation and assessment of effectiveness and efficiency
- Process mapping and gap analysis
- Derivation and supervision of improvement measures

Technical guidance

- Implementation of improvement measures
- Technical improvement of existing machines and components
- Strategic analysis and future planning
- Improvement of processes and procedures

Operation & maintenance contracts

- Complete or partial take-over of maintenance and/or operations activities
- One-stop operation and maintenance solutions including parts and consumables
- Custom-tailored business models focusing on a win-win situation

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