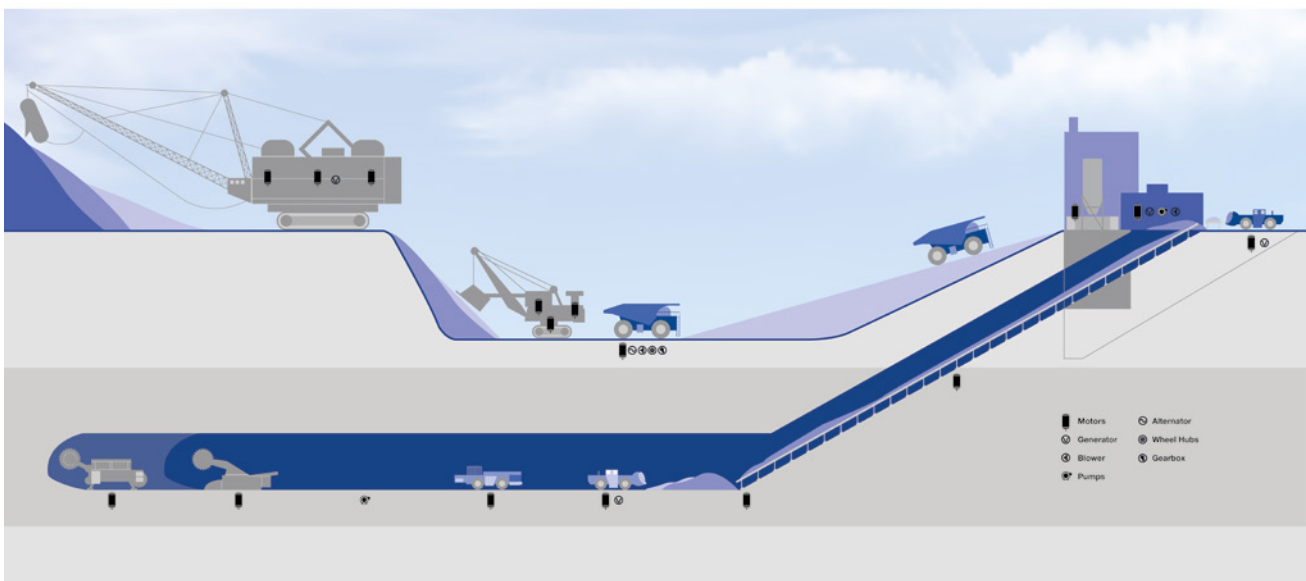


# Service solutions for the mining industry

Sulzer specializes in services for rotating equipment, such as AC and DC motors, generators, pumps, turbines, compressors along with their ancillary equipment. We provide a fast and efficient service with the objective of maximizing plant efficiency and reliability whilst minimizing costs and machine downtime.

Our experienced teams of multi-skilled electro-mechanical engineers can repair our equipment on site or in one of our global service centers. Many of our service centers operate a 24-hour call out, 365 days of the year to ensure we are always available when you need us.



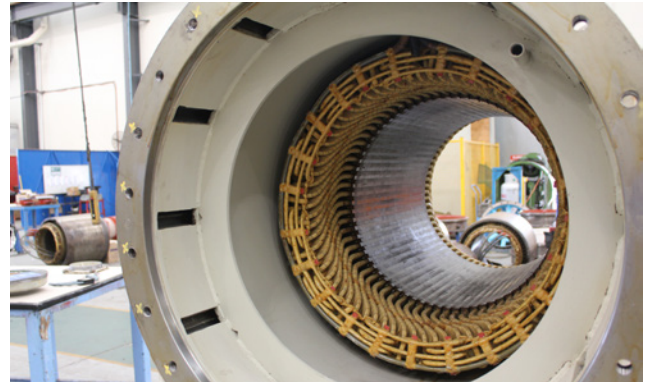
	AC/DC motors	DC generators	Alternators	Grid blowers	Intake fans	Gearboxes
Haul trucks	✓	✓	✓	✓		✓
Draglines	✓	✓	✓		✓	✓
Wheel loaders	✓	✓	✓			✓
Rope shovels	✓	✓	✓		✓	✓
Shearers, shuttle cars, miners etc.	✓	✓				✓
Coal preparation plants	✓	✓			✓	✓
Ball and SAG mills	✓				✓	✓

# Service panorama

Your rotating equipment in the mining industry needs to have the highest levels of reliability. With our customized service solutions, we support you in keeping your operation at higher efficiency and to reduce maintenance costs. By managing all steps of the process, from design to testing and re-installing serviced parts, we make sure you receive the highest quality repair and fastest delivery. Our service capabilities span the full range from inspection to repairs, testing, and commissioning.

## Motor services

- Complete repair, overhaul and rewind services for a range of motors regardless of the original equipment manufacturer
- In-house coil manufacturing ensures a seamless service experience
- Benefit from a global network of Ex certified service facilities with repairs for the full range of hazardous area motors



## Generator services

- Total overhaul, upgrade or repair of generators including rewind and reinsulating
- Complete testing services including condition monitoring, troubleshooting, balancing and load testing
- Resolve repetitive failures with reengineering services for critical components



## Pump services

- Repair and overhaul service solutions for all types of pumps regardless of the original equipment manufacturer
- Improve reliability and reduce operating costs with leading industry retrofit services
- Supported by Sulzer's global network of spare parts manufacturing and reverse engineering capabilities



## Field services

- Access to 24/7 support by dedicated teams of engineers and field service personnel worldwide
- On-site repairs, overhauls, troubleshooting, analysis, vibration monitoring and equipment evaluation
- Support with equipment removal, installation and commissioning

