

Electromechanical services for mining in North America

The mining industry is one of the most demanding. Therefore Sulzer's Western Region Service Centers in Phoenix, Gillette, Farmington and Colton offer a wide range of in-house and on-site electromechanical services tailored to the needs of the mining sector. Our solutions ensure that equipment operates reliably in coal, hard rock, copper, gold, and any other mining applications.

Haul trucks



Our expertise means we offer a complete electromechanical service for heavy haul trucks. We carry out full repairs of wheel sets – servicing both electric motors and epicyclic gear reductions. Furthermore, we can convert old DC systems to AC, improving efficiency while simplifying spare parts inventory and general maintenance. A complete in-house approach ensures a reduced lead time for all repairs and a single point of contact.

To further reduce repair times, we offer a wheel set exchange program for Komatsu haul trucks. Already refurbished wheel sets can be delivered to site and installed in a matter of hours. This means trucks are operational as fast as possible, maximizing productivity. We also provide specialist support for the repair and upgrade of haul truck alternators for continued reliability.

Motors

We offer an extensive range of repair and replacement services for motors operating in the mining industry. Specialist maintenance is available for wheel, dragline, shovel, plant, and conveying motors. Extensive in-house facilities allow us to carry out full rewinds, repairs, and testing of motors as a complete package. For high-quality replacements, we are an approved dealer of many motor brands, offering easy access to units from localized stock.



Benefits

- Extensive electromechanical services in-house or on-site
 - Expert in mechanical and electrical haul truck repairs
 - Wheel set exchange program to keep haul trucks moving
 - Full motor repair services
 - Ability to build or maintain controls
 - Experienced in a multitude of mining applications
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On-site

Sulzer teams offer a fast reaction to any breakdown, matched with specialist capabilities such as on-site welding and machine repairs. This ensures that large equipment can be quickly serviced without transport off-site, reducing repair times. We also offer on-site motor and gearbox inspection, installation, and alignment. Vibration monitoring of rotating equipment is also available.

In-house mechanical capabilities

Our machining and welding facilities ensure a comprehensive mechanical repair service. Vertical mills, horizontal mills, and lathes allow for the repair of existing components or manufacturing of new replacements. In addition, we have full CNC machining capabilities. Gearbox and front wheel group repairs are also offered in-house.

Controls

Our capabilities ensure that we can build and service controls from popular brands. We have considerable experience working with water and waste water equipment – especially drives, PLCs, and control panels. Combined with our motor repair capabilities, we offer a complete solution.

About Sulzer

Through a network of over 100 service sites around the world, Sulzer provides cutting-edge parts as well as maintenance and repair solutions for pumps, turbines, compressors, motors and generators. We service our own original equipment, but also all associated third-party rotating equipment run by our customers, maximizing its sustainability and life cycle cost-effectiveness. Our technology-based solutions, fast execution and expertise in complex maintenance projects are available at our customers' doorsteps.

How can we help you?
Contact us today to find your best solution.

[sulzer.com](https://www.sulzer.com)

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