

Hamburg Repair Center Industry service for electrical machines

The Hamburg Repair Center located at the Rothenburgort site specializes in the service, production, maintenance, and repair of industrial drive concepts and electrical machines. With a global on-site repair service, the Repair Center can quickly and reliably repair faults in drives and motors.

Service portfolio for the Hamburg Repair Center:

- The misalignment of rotating machinery frequently results in mechanical faults and reduces the service life of electrical machines. With the **laser-optical alignment** of machines, the **Repair Center** offers its customers a snapshot of the current machine status. This makes it possible to detect and correct coupling misalignments and imbalances in a machine, resulting in higher plant availability and increased productivity for the customer.
- Increasing the availability and productivity of electrical machines while simultaneously reducing lifecycle costs. The **machine diagnostics** of the **Repair Center** measures and monitors a plant during ongoing operation and detects potential weaknesses at an early stage. During this process, the insulation and resistance values as well as the voltage and currents of the machines are measured. Customers additionally receive documented analyses of the measured data, which enables them to take a better and more proactive approach in planning machine use.
- With the **workshop service for drives**, the **Repair Center** implements the targeted maintenance and machine alignment for the entire line of Siemens FZG (Flender gear units) at the Hamburg **Repair Center**. Prompt assembly and

maintenance work at customer facilities is handled by the field service from Voerde and, paired with widespread spare parts availability, provides for a high level of reliability.

- The **Repair Center's switch production** supplies a variety of circuit breakers in the low and medium-voltage field for application fields in shipping, in rolling mills, and for railway facilities. The Repair Center's business portfolio includes the provision of loaner switches as well as the in-house repair of defective circuit breakers.

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