

Your Service Partner
Birmingham Service Centre





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The Sulzer Advantage



Capabilities

- High voltage (HV) and low voltage (LV) rewinds
- On-site field services
- Project management
- Coil manufacture
- Traction
- Commutators
- Mechanical machining
- Drives and controls

Facility

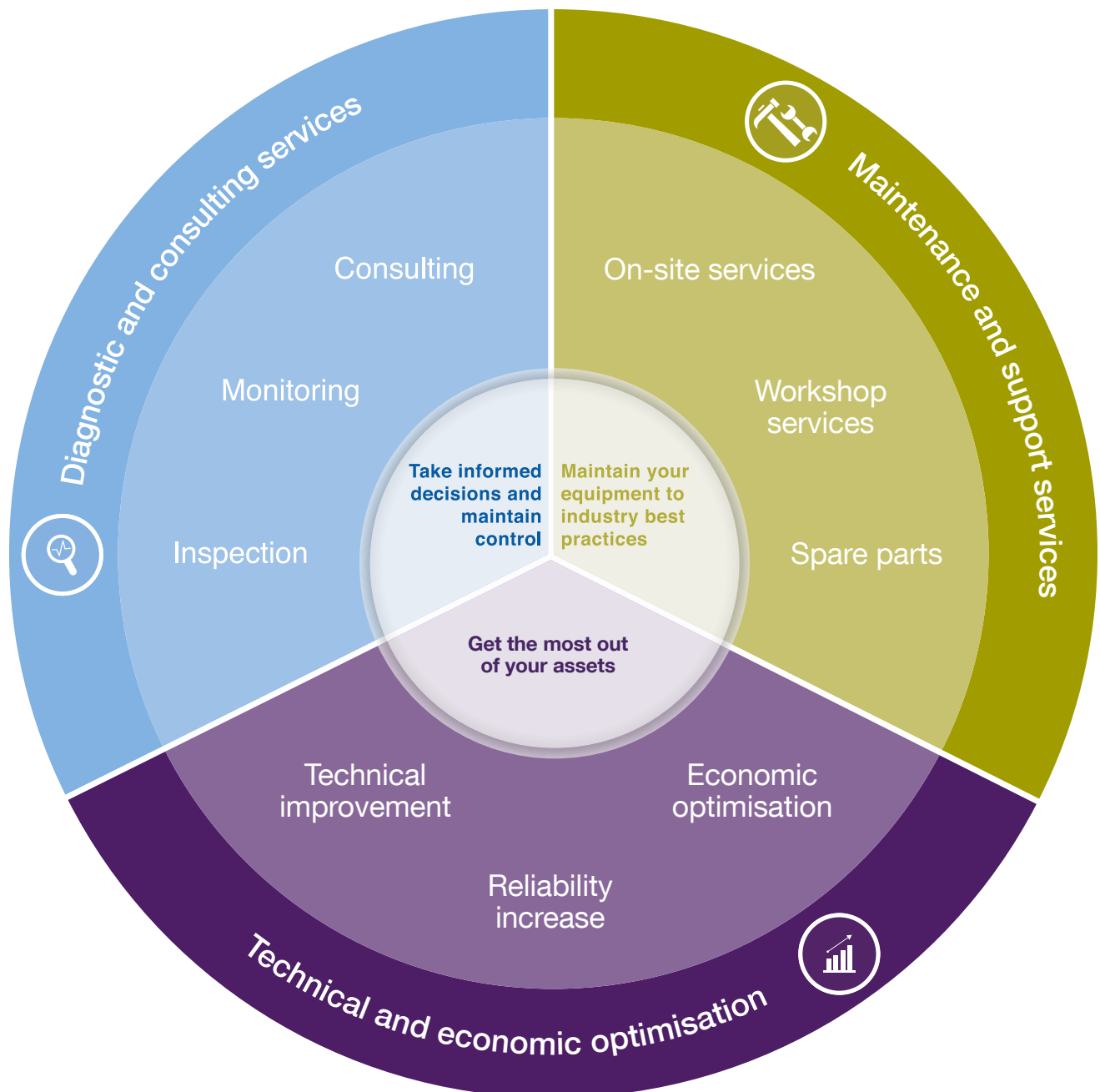
- Facility size: 6.3 acres
- ISO 9001, ISO 18001, ISO 14001
- 40 tonne crane capacity
- 24/7 facility

Your partner

- Optimise your operational efficiency with customised solutions
- Enhance your competitive advantage through energy efficiency, improved production output and extended maintenance cycles
- Dedicated service personnel can be at any site for emergency call-out, assessment and repair, 24 hours a day – 365 days a year

Your Service Solution

Your operations need to run reliably and flexibly. Solutions to improve these key factors are developed together with you and based on experience and expertise.



Taking on Your Challenges

Reliable quality and delivery are ensured through a combination of in-depth technical expertise and first-class engineering facilities. Meeting your requirements means finding the best possible solution with you.

HV and LV rewinds

You benefit from:

- Inspection and electrical testing
- Low, medium and high voltage motor rewinds
- Generator rewinds
- Repair, refurbishment and re-manufacture of parts
- Coil manufacture and supply
- 24/7 rapid response and field service
- Service agreements and frameworks



Coil manufacture

You benefit from:

- Comprehensively equipped coil manufacturing facility
- CAD system producing drawings and data for customer approval prior to production
- Coils are tested in accordance with EN60034 and BSI 44-5. voltage endurance; thermal cycling results are available on request
- Manufacture of complete sets of coils to meet short lead times
- In-house copper rolling mill facility



On-site field services

You benefit from:

- 24/7 availability
- Fully equipped tool containers
- Portable machining equipment
- Laser measuring tool
- Vibration analysis
- Experienced field service teams
- Service agreements



Project management

You benefit from:

- Project planning
- Assessment / feasibility studies
- Site visits
- Contract tendering and bid management
- Multidisciplinary bids
- Design and technical management
- Contract administration
- Programme management (through life cycle)
- Supply chain management
- Stakeholder management plans
- Risk management



Traction

You benefit from:

- Repair, re-engineer and re-manufacture standard and unconventional AC and DC machines and all associated mechanical parts
- Computer-aided design (CAD) systems and in-house software for redesign and manufacturing of mechanical and electrical components
- Complete testing facilities
- In-house manufacturing capabilities for commutators, slip-rings, armature coils, field coils and interpole coil sets



Mechanical machining

You benefit from:

- Custom machining solution to suit your need within the reclamation process
- Capabilities include welding, metal spraying, grinding, chromium plating and re-manufacture
- Service agreements
- 24/7 rapid response and field service



Drives and controls

You benefit from:

- Electronic repair to component level
- Installation of new and retrofit control systems
- Installation of AC and DC variable speed drives – upgrade, energy savings, repair and install
- Repair of AC / DC and servo drives, spindle and servo motors, control systems incorporating PLC's, HMI's, power supply units and process control instrumentation
- Modify, write and backup PLC software and install/set up replacement PLC systems
- Energy saving programs utilising AC Drives and PLC control



Commutators

You benefit from:

- Manufacture and refurbish commutators (up to 5m in diameter) and slip-rings
- Extensive database of commutator information ensures that your unit is rebuilt to meet the operational demands of the final application
- In-house design and manufacture work



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