

Single-stage steam turbine overhauls

Sulzer is your global partner for delivering reliable overhauls on process steam turbines. We offer repair and maintenance services for all small process turbines from our Leeds service centre.

Resources and facilities

Sulzer's comprehensive process turbine service centre in Leeds is fully equipped to maintain and repair a wide range of small steam turbines for customers in the petrochemical, steel and heavy-manufacturing industries. Over 3'000 ft² of shop space houses full machining capabilities with 25 tonne overhead crane capacity and 12 x 1.0T and 0.5T individual pedestal-cranes. Projects are completed by a highly experienced staff of engineers, project managers, sales managers, and technicians combined with a crew of dedicated craftsmen.



Benefit from our comprehensive service offering

- Full machine overhaul including steam valves
- Steam seal upgrades to brush or mechanical seals
- Bearing housing upgrades with Inpro isolators
- Machine shop repair services
- Welding services – fully coded welders
- Re-engineering –using laser-scanning technology
- Qualified vendors in support of new and used parts
- Field services and field testing
- 24-hour emergency repair

Service centre equipment

- Ultrasonic cleaner for bearing housings
- Full range of dynamic balancing machines up to 3 tonne between pedestals
- Horizontal and vertical boring mills with 48" tables
larger machine available in main works when required
- Horizontal 50-ton press
- Mills, drills, lathes and key seaters



Small steam turbomachinery models up to 1'500 hp include

- Terry
- Worthington – Turbodyne
- KKK
- Copps
- D-R models
- Elliot

Turbine test stand

- Turbines are run tested using compressed air to set over-speed trip devices, governor control and emergency stop valve operation
- Run tests also capture bearing temperatures and vibration levels
- Air test for leakage check performed on test stand

About Sulzer

Sulzer provides cutting-edge services and solutions for rotating equipment dedicated to improving customers' processes and business performances. When pumps, turbines, compressors, generators, and motors are essential to operations, customers need a service partner they can trust. With our technically advanced and innovative solutions, we give our customers the assurance they need to focus on their operations. Customised solutions help to reduce maintenance time and cost. Our partners' business demands are ever increasing and changing, but they can rely on our experts to provide the optimal solution to improve operational efficiency and reliability. We provide high-quality services at competitive prices and delivery times.

