

Complete Service: Steam Turbines

Ranging from spare parts, repairs, overhauls to revamps



Service Solutions for Steam Turbines



MAN Diesel & Turbo offers a complete range of steam turbines with proven design for industrial applications as well as power utilities. Our core competence is the delivery of complete turbomachinery trains for industrial processes and electrical power generation including auxiliary equipment.

MAN PrimeServ provides customer-oriented after-sales solutions and a comprehensive range of services, as well as highly qualified and experienced engineering and field service staff. On top of that, we offer you fully equipped workshops locally. Field service supports you during maintenance activities such as overhauls, inspections and commissioning.

After years of service, steam turbines are subject to changed operating conditions and performance requirements, and therefore need inspections and refurbishment.

Overhauls and repairs. Efficient and fast

We support customers immediately and perform accordingly. We deliver spare parts according to our “state-of-the-art technology” and capabilities. Our customer profits from the unique ability of PrimeServ: whether supervising a modernization or upgrades, or managing complete overhauls for steam turbines, with our thorough inspections we analyze all critical components in order to evaluate the actual condition and performance of the machines. After a complete analysis and evaluation we provide our customer with expert advice on appropriate measures to launch safe and smooth operations for the next cycle.

Spare Parts. Overhauls. Repairs

MAN PrimeServ offers complete service. From tailored to standardized service contracts to support your business and to keep your equipment in the best possible condition: repairs, overhauls or upgrades of steam turbines. As OEM, we offer excellent genuine spare parts, ensure your competitiveness, and minimize downtime and costs.

We offer you excellent worldwide support through a global network of service headquarters and centers. Therefore we are able to deliver outstanding service to you.

Spare parts

As OEM we supply top-quality services and products – offering excellent genuine spare parts. The high quality of our spare parts and the state-of-the-art technology set the exceptional standards in regard to our OEM competence. Moreover, we are always improving overall and spare parts on-time delivery to meet your requirements and to continuously enhance the availability and reliability of your facility.

Overhauls

MAN PrimeServ delivers customer-oriented solutions. We supervise overall maintenance and reconditioning of rotor blades, trains etc. or state-of-the-art upgrades to improve reliability and maintenance of your equipment.

Repairs. Field service

Highly qualified and experienced field service is essential in order to get high performance and highest quality service, especially in regard to repairs. Our field service experts are quickly ready to support you anywhere in the world. Exceptional results are achieved because of our advanced engineering support and professional evaluation of maintenance processes. Our experts provide complete services



A service specialist applies a specifically made tool to adjust the sealing strips between the rotor blades on a turbine rotor.

for all our steam turbines. We utilize advanced repair techniques to ensure the best possible repairs of parts that help reduce costs and downtime. Above all, we have extensive experience in managing the maintenance of your facility.

Relocation. Rerate

We relocate steam turbines or rerate components to shorten delivery times and to meet specific new operating conditions. In order to increase performances we rerate existing turbines with state-of-the-art technology for increased power or efficiency or to adapt the design to new operating conditions. The rerate includes the use of new internal components. We completely adapt the internal design to meet your requirements.

Upgrade

After analyzing the condition of your equipment we advise our customer in regard to enhanced performance and we replace existing components with state-of-the-art upgraded components to improve reliability and maintainability.

Service Contracts



irds® – Teleservice. Monitoring. Diagnostic

The dedicated remote data monitoring system uses satellite and high-speed Internet connection to gather and analyze a huge volume of data in real time from any location in the world. Detailed remote monitoring from our headquarters enables:

- qualified failure analysis on the basis of quasi real-time data
- performance evaluation
- improvement of start-up reliability and availability
- improvement of cost efficiency and repair intervals
- improved competitiveness.

OEM Service Contracts

In terms of service agreements our customer benefits from the following aspects: high availability and reliability of the plant, low maintenance costs, fast and flexible delivery of spare parts, quick reaction time, sustained quality and capacity of the equipment, expertise enhanced by using remote data transmission for quick response times.

You can choose from a wide range of contract offerings. We want to give you the flexibility to decide and combine your service coverage in the way that best balances your needs. We offer all solutions to optimize your equipment efficiency and performance. We provide diverse service contracts to maintain your machines, to provide peak reliability and availability, OEM spare parts, overhauls and repairs, a full portfolio of advanced services, and additionally the 24x7 online monitoring to support proactive maintenance.

Benefits



We provide you with dedicated solutions and highly sophisticated state-of-the-art technology, based on our experience as OEM to enhance reliability, availability and profitability of your products and facilities. Our teams are continuously developing improvements of steam turbines in order to offer you tailored solutions to meet your requirements. We are extensively experienced in overhauls of steam turbines and increase their efficiency and enhance their performance, for example after rerating the driver, for your benefit.

- comprehensive OEM experience and knowledge, tailored solutions
- optimized maintenance and support
- reduced maintenance and operating costs
- full environmental compliance
- guaranteed equipment availability and reliability
- an economic alternative to purchasing new
- extended life of products.

All united in PrimeServ: an excellent network, improved processes, technical competence and high service-orientation – this is our core business.

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