

TAMUT

ENGINEERING



Overhaul and repair of turbomachinery
Heavy engineering, manufacturing and fabrication
Competitive sourcing of material and spare parts

Who we are

We are a privately owned company based in Sydney with a sole principle to serve the best quality services to the end users. Our team members are highly experienced in the service of diverse range of critical machinery with global OEMs. Tamut service all aspects of Oil and Gas, Mining, Power Generation and Process industry equipment according to customer's requirements. Our area of expertise includes the industrial machinery service and overhaul, heavy mechanical, structural manufacturing, fabrication, material and spare part sourcing, material handling, estimation, project management, design certifications, and white card training.

Our Vision

We achieve growth by providing quality-differentiated services to our customer's operation through our highly skilled team members and global network of specialists. Tamut is committed to provide high quality, cost effective, on-time delivery of product and services to satisfy varying customer demands.

Our Strategy

Our company is known for a variety of traits, including:

- ▶ Quality
- ▶ Affordability
- ▶ Responsiveness
- ▶ Safety
- ▶ Reliability

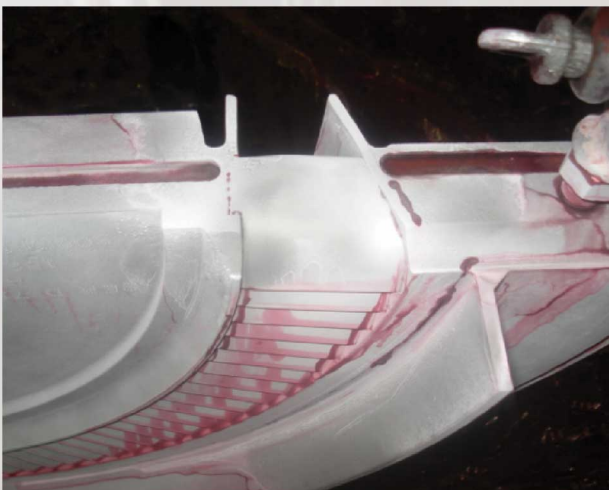
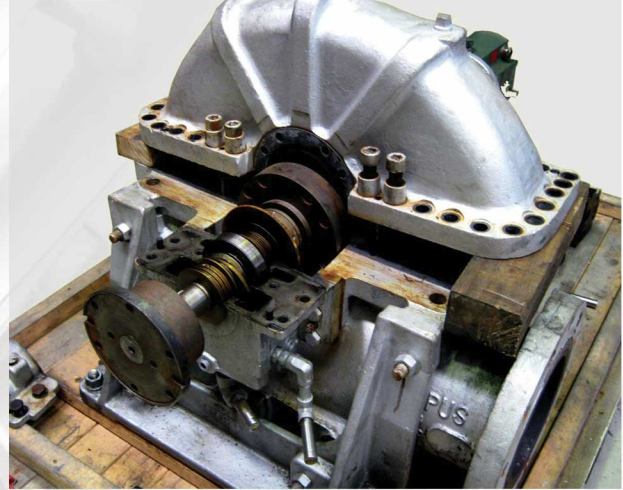
We have and auditable well- documented quality management system in accordance with ISO 9001 requirements. Customers regularly praise our traits in all processes and services.

Services in:

- ▶ Steam Turbine Overhaul and Component Repair
- ▶ Gas Turbine Component Repair
- ▶ Rotating Equipment Overhaul and Component Repair
- ▶ Rotor Refurbishment
- ▶ Heavy Mechanical and Structural Engineering, Manufacturing, and Fabrication

Steam Turbine Overhaul and Component Repair

- Disassembly, re-assembly and part replacement
- Casing welding and machining
- Disc and slot restoration
- Hydro test casing
- Stationary blade dressing
- Nozzle repair and removal
- Blade ring refurbishment and blade replacement
- Diaphragm repair
- Bearing and seals repair and replacement
- Steam chest and valve repair



Gas Turbine Component Repair

Services offered:

- Cleaning
- Inspection
- Non-Destructive Testing
- Laser cladding and welding
- Machining
- Heat treatment
- Application of thermal barrier coating

Component repair:

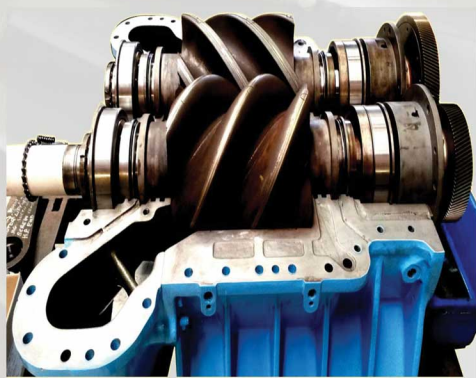
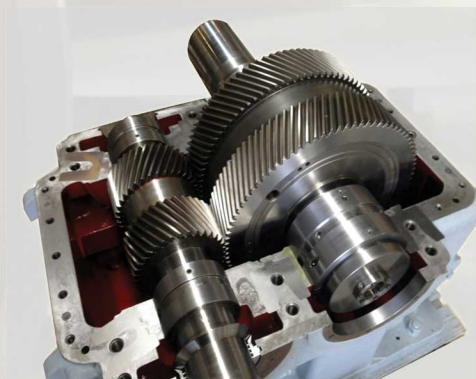
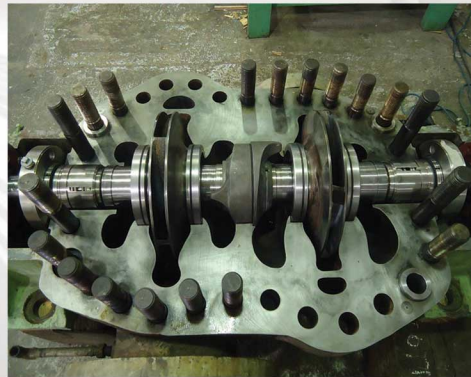
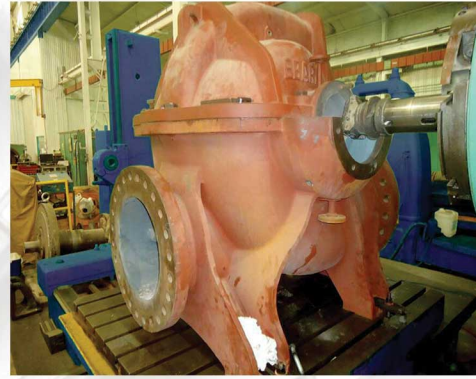
- Fuel nozzles
- Blades and vanes
- Ring segments
- Combustion liners
- Transition pieces
- Cross fire tubes



Rotating Equipment Overhaul and Component Repair

Complete overhaul and repair of centrifugal, axial and screw compressor, blower, expander, fan, pump, gearbox, etc.

- Disassembly and assembly
- Seal testing, supply and replacement
- Bearing re-metalling and replacement
- Line boring
- Casing repair
- Reverse engineering and supply of new spare parts



Rotor Refurbishment

Steam turbine, Gas Turbine, Compressor, Pump, Gear shaft, Fan, etc.

- Rotor cleaning and visual inspection
- Mechanical and electrical run-out check
- Non-Destructive Testing
- ITP, reporting and repair recommendations
- Rotor journal repairs by welding, laser cladding or HVOF coating
- Machining, grinding and heat treatment
- Burnishing of probe area
- Blade repair, re-blading and tie wires replacement
- Moment weight and sequencing of blades
- Labyrinth seal removal and replacement
- Rotor balancing
- Reverse engineering and supply of new spare parts
- Anti-fouling coating for compressor flow path
- Rotor storage and preservation



Heavy Mechanical and Structural Engineering, Manufacturing and Fabrication

We are involved in the manufacturing, fabrication and supply of:

- Expansion joints
- Carbon ring seal assembly
- Water treatment skids
- Castings and forgings in all steel alloys
- Sourcing of competitive and specialised high-quality steel fabricated and machined products

Other services we offer are:

- Project management
- Heavy mechanical, structural and piping estimation
- Alliance with Chartered Engineers and RPEQ for design certifications
- Material handling projects
- White card training
- Reverse engineering



For us to help and service your needs please contact us at:

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Our aim is to give you the best services

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