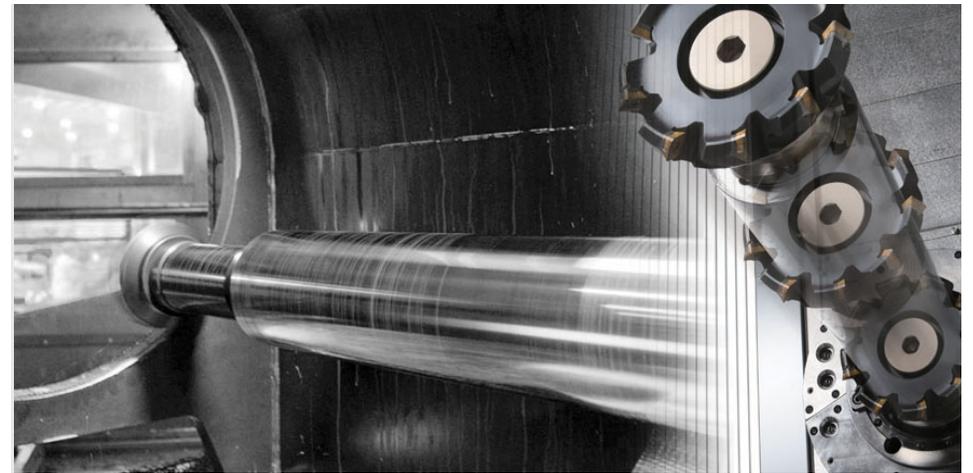




All Machining Solutions Under One Roof

COMPANY PROFILE

www.wellboreengineering.com



INTRODUCTION

WELLBORE is the trade name for WELLBORE ENGINEERING CO. - a company specializing in machining of heavy equipment for Oil & Gas, Power Generation, Defence, Process Plant & Machinery, Mining, Shipping and Locomotive industry markets.

Since 1981, Wellbore has served hundreds of customers across diverse market segments with heavy & precision machining, in-situ machining, prototype development, Retubing, pipe beveling and subcontract manufacturing services.

The Company is accredited with:

Occupational Health & Safety accreditation to OHSAS 18001:2007 via TUV SUD Quality Assurance .

Environmental Management System ISO 14001:2004 via TUV SUD Quality Assurance.

Quality Management System accreditation to AS 9100 via TUV SUS Quality Assurance.

The company operates an impressive range of machining centers to provide customers with exceptional quality, at effective cost. Wellbore machining services can produce precision machined components and assemblies in virtually any metal.

A bank of horizontal & floor boring machines provides travel and CNC control features for the most demanding jobs. Single set-up work, including 19,000 mm by 5000 mm travel envelopes, is routine. Latest model CNC boring and milling machines are among the largest available from any job shop in the region.

Vertical turning centers range in swing capacity from 1350 mm. to 6400 mm. Work pieces weighing up to 150,000 kgs can be accommodated.

A full range of lathes with swing capacity from 1000 mm to 5000 mm, machining centers, and radial drills compliment Wellbore Engineering Company's diverse machine tool inventory.

With the help of our on-site machining (In-situ Machining) capabilities Wellbore can re-machine, refurbish, repair or modify fixed plant and equipment in-situ. All our machines are transported at site and are capable of operating in areas of limited access.

Our on-site machining services cover a range of industries, including Petrochemical, Cement, Power, Wind, Oil & Gas, Gas Processing & Turbine and Nuclear Industry with below services:

Wellbore also delivers comprehensive maintenance solutions for clients and specializes in offsite mechanical and fabrication maintenance support.

For more info visit www.wellboreengineering.com



All Machining Solution Under One Roof

SERVICES

6. Machining Facility In-House
8. Machining Facility At-Site
10. Heat Exchangers Maintenance And Refurbishment
12. Fabrication
14. Camera & Video Inspection | 3D Scanning & Reverse Engineering
16. Scrapping - Blue Matching | NDT Testing | Supplementry Testing



SECTORS

- 22. Oil & Gas Industry
- 24. Power Generation
- 26. Process Plant
- 28. Mining Industry
- 30. Bearing Industry
- 32. Turn Arounds

**INSITU MACHINE CAPABILITIES
CLINTELE
ACHIEVEMENTS & AWARDS**

MACHINING FACILITY IN-HOUSE

Wellbore with a herculean set-up of machinery, we are a diligent machining service provider for the past 36 years to Refineries, Power Plants, Process plant machine, Mining, Bearing Industry, Cement Plants, Fertilizer Plants, Petrochemical & Chemical Plants etc. We have dedicated workshop area facilitating machining upto simultaneous 5 axis and weight upto 150 tons components. We also provide the facilities for Turbine maintenance & upgradation. We have offered our facilities for machining of all diaphragms & diffusors, disassembly of old parts, machining and reinstallation of all steam components, overhauling of inner casing, outer casing, pedestals, turbine shaft, fins replacements etc. Wellbore have a well- established track record and our services have always met with great customer satisfaction. We offer great service at a very competent price and have never been known to compromise on the quality of our service.



List of Machineries	Number of Machines	Size
Horizontal Boring Machines	14	Spindle Size \varnothing 85 to 130 mm
Floor Boring Machines	10	Spindle up to 200 mm & X- 19000mm, Y- 5000mm
Plano Milling Machines	6	Upto 10000 mm length
Gantry Milling Machine (5 Axis)	1	X – 6500mm, Y- 3500 mm
Heavy Duty Lathe Machines	8	Upto 20000 mm length, \varnothing 5400 mm
Vertical Turning Lathe	10	Upto 6400 mm
Vertical Machine Centers	1	Upto 4000 mm
Turning center	1	Upto \varnothing 660 Swing & Length Upto 3000 mm
Milling Machine	2	Upto 1800 mm Stroke
Milling Machine – Bed Type & Milling Head-Huron Type	1	Upto 4200 mm X-Travel
Radial/Universal/ Travelling Column Drilling Machines	23	Upto \varnothing 100mm

SCRAPPING - BLUE MATCHING



NDT TESTING

- Electromagnetic Testing (ET)
- Laser Testing Methods (LM)
- Leak Testing (LT)
- Magnetic Flux Leakage (MFL) Liquid Penetrant Testing (PT)
- Magnetic Particle Testing (MT)
- Radiographic Testing (RT)
- Thermal/Infrared Testing (IR)
- Ultrasonic Testing (UT)
- Visual Testing (VT)

SUPPLEMENTRY TESTING

- Repairs & Reconditioning
- Mechanical Assembly
- Sand & Grid Blasting
- Metalizing
- Reverse Engineering



MACHINING FACILITY AT-SITE

Wellbore also provides facility of setting up machine shop at customer's sites as required by the customer to fulfill all the clients mechanical needs.

HEAT EXCHANGERS MAINTENANCE AND REFURBISHMENT

Wellbore has a very strong team with huge experience in re-tubing of Heat Exchangers of any criticality. Since, Heat Exchangers are known as the backbone of any Refinery/ Chemical Plants. Re-tubing job plays a very important role as the job has to be completed within the stringent schedule with 100% quality.

Maintenance of Heat Exchangers covers the plugging of tubes, Repair of Tube to Tubesheet joint, Tube to Tubesheet re-expansion, Combing and straightening of Fins, Hydro-jet cleaning, hydro-testing, Exchanger modification and refurbishment etc



Wellbore Has Re-Tubing Experience Of:

- Heat Exchangers
- Condensers
- Reactors
- Fin Fan
- Coolers
- Boilers
- Evaporators
- Heaters
- Economisers





FABRICATION

Wellbore started its operation in the year 2015 with a team of Energetic Supervisors & Technicians. Wellbore initiated their first re-tubing job at Reliance Industries Ltd-Jamnagar on sub-contracting basis. Wellbore with its young & efficient team is presently engaged in the field of re-tubing, maintenance of Heat-Exchangers and Air Fin-Fan Coolers, Piping fabrication, Plant maintenance etc. Wellbore have a team of Qualified Engineers, Supervisor and other staff in various disciplines to fulfill timely completion of its projects. Even though WellboreFabricators is nova enterprise the pillars on which it is propped up cherishes a notable tradition. The promoters are having more than 15 years of working experience in Maintenance of Heat Exchangers& Plant Maintenance in various Industries and also have executed different types of construction and maintenance jobs all over India. Wellbore has a thorough experienced team for doing piping jobs of any category & MOC. With the ample tools/tackles available, we can deliver any huge project within the schedule.

- Heat Exchangers
- Condensers
- Vessels
- kids
- Heavy Structural Fabrication
- Fin Fan
- Coolers Reactors
- Pressure
- Storage Tanks
- Piping's





- Camera & Video Inspection
- 3D Scanning & Reverse Engineering

3D Scanning is used to make 3D model, for reverse engineering, & for rapid prototyping this system could be used for multiple usage for providing better service.





OIL AND GAS INDUSTRY

CONTENT DUE...



- Compressor Frame



POWER GENERATION

Steam Turbine

- IP outer casing
- Inner casing
- Outer casing
- End Shield- TE, EE
- Core Press Ring
- HP Inner Inner
- Rotor Shaft
- Rod Mills

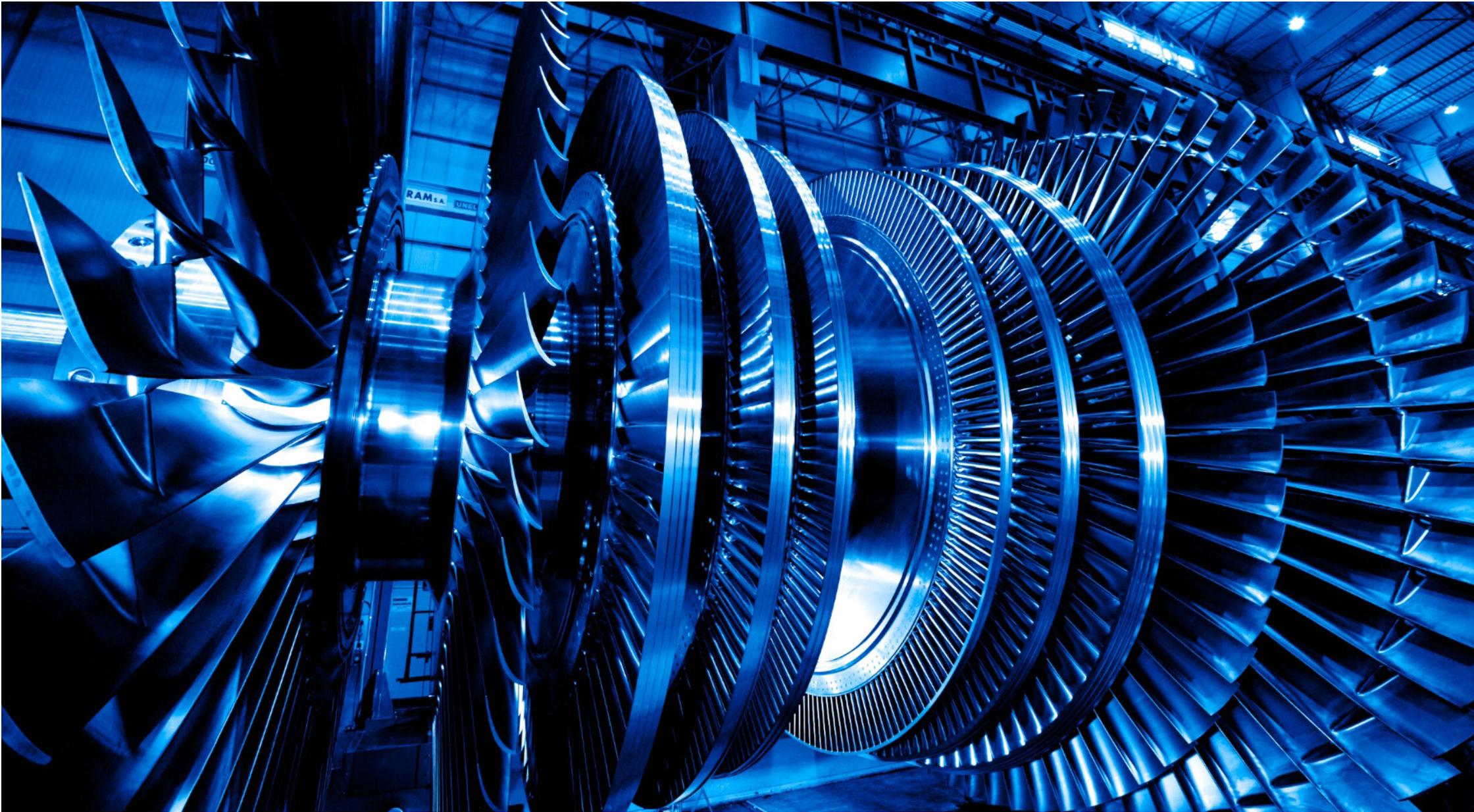
Hydro Turbine

- MIV Plugs
- Motor Pedestal
- Turbine Shaft
- Intermediate Shaft
- Generator Shaft
- Spiral Casing
- Stay ring
- Runner Hub
- Column Pipe
- Runner Blade
- Guide Vane
- Discharge Elbow
- Column Pipe
- Pump Casing
- Impeller
- Liner Ring
- Liner Suction Cone
- Discharge Elbow

Wind Turbine

- Rotor Hub
- Hollow Shaft
- Yaw Base
- Main Axle
- Top Ring
- Bearing Housing
- Beam
- Rotor Lock Disc







PROCESS PLANT MACHINE

CONTENT DUE...



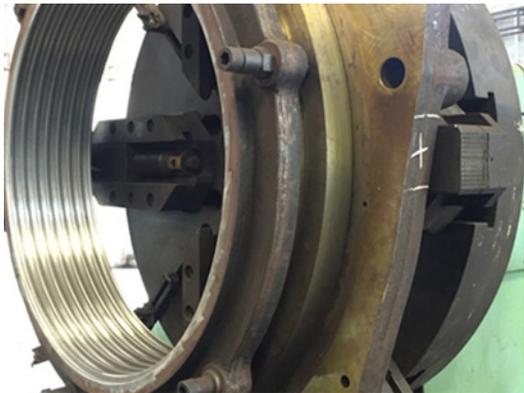
- Heat Exchanger
- RPF Drum
- Compressor
- Pump Shaft
- Pump
- Ball Mills



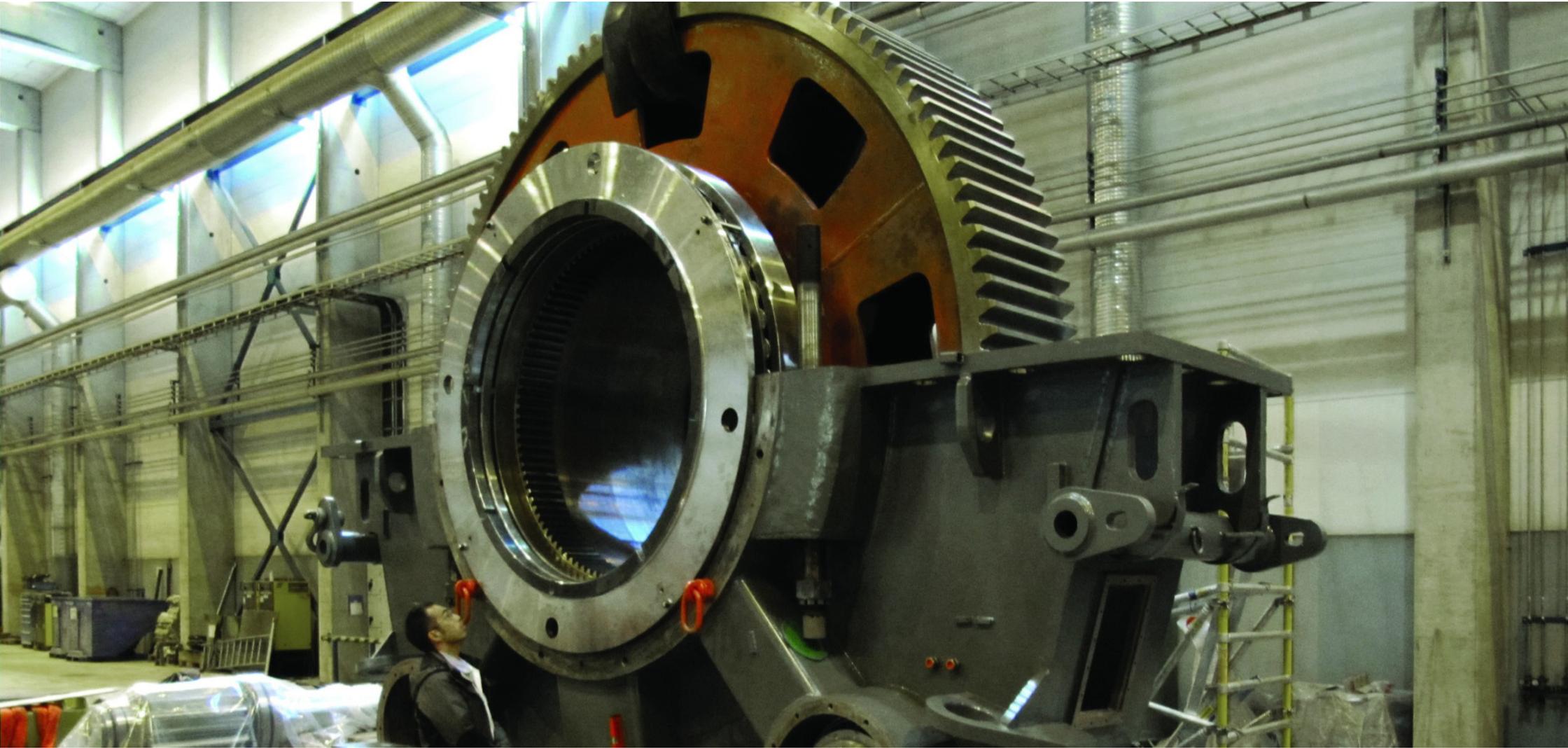
MINING INDUSTRY

Steam Turbine

- Upper Frame
- Lower Frame
- Front Beam
- Back Beam
- Jaw Stock
- Jaw Plate
- Bowl
- Adjusting Ring
- Claming Ring







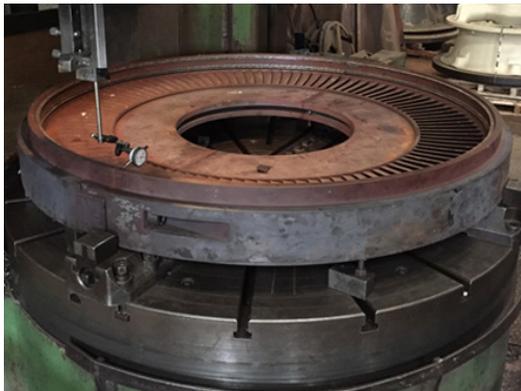
BEARING INDUSTRY

CONTENT DUE...

- Gear Box
- Chain wheel
- Planetary Gear Box
- Shaft Cover
- Pump Casing
- Impeller
- Bearing Ring
- Base Frames
- Liner Ring
- Liner Suction Cone
- Bearing Housing



TURN AROUNDS





INSTU MACHINE CAPABILITIES

FLANGE FACING



INLINE BORING & WELDING



PORTABLE MILLING



PIPE CUTTING & BEVELING



PORTABLE DRILLING & TAPPING



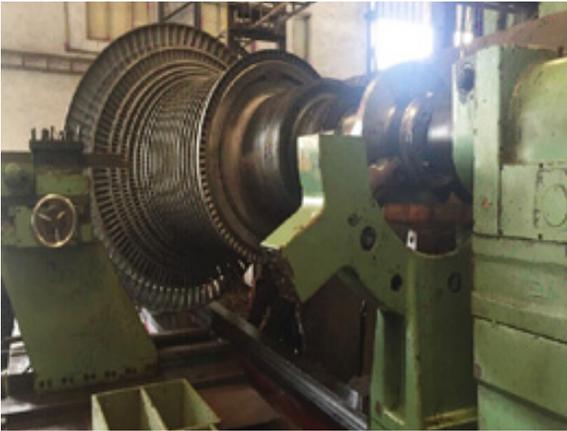
MAGNETIC DRILL & CORE DRILL



KEYWAY CUTTING



JOURNAL/SHAFT MACHINING



VALVE SHIFT MACHINING



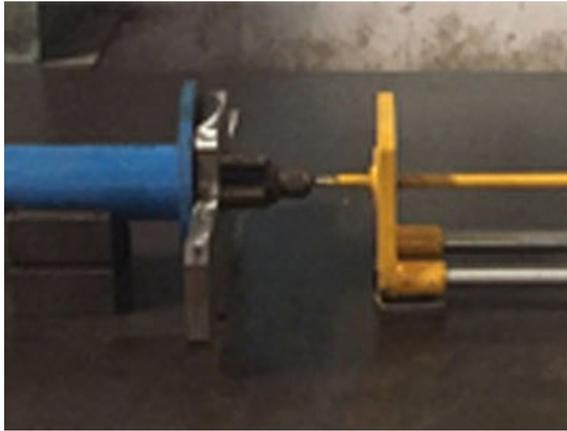
PAINTING & PACKAGING



STRESS RELIVING



HONING



CLINTELE







Get Intouch

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