

TRI Transmission & Bearing Corp.

A Division of Turbo Research Inc.

Engineering Services and Products for Large Rotating Machinery

- Engineering consultations
 - Rotor dynamics
 - Vibration analysis
 - Structural analysis
 - Failure analysis
- Bearings
 - Fixed bore bearings
 - Tilting pad bearings
 - Thrust bearings
- Seal Rings
 - Fixed or floating seal rings
 - Babbitt lined seals
 - Aluminum seals
- Fluid Drives & Power Transmissions
 - Soft start fluid drives
 - Variable speed fluid drives
 - Geared fluid drives
- Fans, Blowers & Impellers
 - Axial flow fans milled from one forging
 - Cast pump impellers
 - Heavy duty fluid drive impellers
- Shafting and Shaft Couplings
- Onsite vibration monitoring systems
- Thermocouples
- Machining
 - 5-Axis CNC machining
 - CNC Turning to 84 inch diameters
 - Grinding
 - Hydrocutting
- Welding
 - Stick, MIG, TIG & Stellite
- Babbitting services
 - Centrifugal casting
 - UT Testing of Babbitt bond
- Design Services
 - 2D CAD, mechanical drawings
 - 3D Modelling
 - FEA Stress Analysis
- Synchronous Condenser Conversions for Generators
- Lube Oil Systems
- Control cabinets



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