Triveni
POWER TRANSMISSION

Triveni
ENGINEERING & INDUSTRIES LTD.

BEST-IN-CLASS
REPLACEMENT SOLUTIONS

PERFORMANCE | RELIABILITY | TRUST

Contents

About
Triveni Group

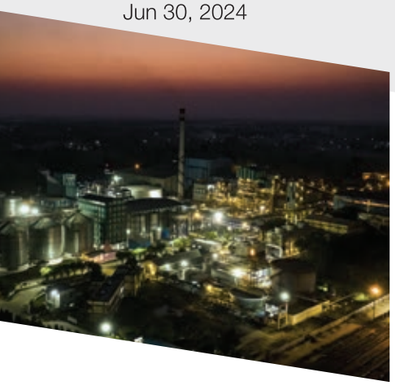
A LEGACY OF LEADERSHIP

Formed in the 1930's, the Group has two listed companies that function in a variety of industries including: Sugar, Fuel Ethanol, Water, Power Transmission and Industrial Steam Turbines. Triveni Turbine Ltd. & Triveni Engineering & Industries Ltd., two publicly listed companies of Triveni Group, had market capitalizations of US$ 2.4 Billion & US$ 1.0 Billion respectively, as on Jun 30, 2024

TRIVENI ENGINEERING & INDUSTRIES LTD (TEIL)

Triveni Engineering is one of the largest integrated sugar producers in the country, a market leader of engineered-to-order high speed gears & gearboxes, and a leading player in water and wastewater management business.

Our results over the years showcase sustainable business practices that fuel profits and constant innovation.



Triveni GROUP

- Triveni Engineering & Industries Limited
  - Sugar
    - Sugar
    - Alcohol
  - Engineering
    - Power Transmission
      - Product
      - Aftermarket
      - Defence
    - Water
- Triveni Turbine Limited
  - Product
  - Aftermarket

Triveni Power
Transmission Business

POWERED TO INSPIRE

Established in 1976 to fulfil the in-house demand for high-speed gears, Triveni PTB has since grown by leaps and bounds into India's leading High Speed Gears Company. Today Triveni PTB has an installation base of over 12000 gearboxes, spanning 80+ countries, and catering to diverse applications and industrial segments.

Triveni PTB, with committed focus on quality and compliance, has crossed many milestones on various fronts. Powered with cutting edge technology and fully integrated manufacturing infrastructure under one roof, and an unflinching commitment to operational excellence and customer satisfaction, Triveni PTB continues to deliver world class products to its patrons and markets. Thanks to the technical know-how and decades of experience in serving multiple industries, Triveni PTB is able to support the customer in finding the best way forward with an eye on their individual requirement.

Best-in-Class Replacement Solutions

» PTB through the Years

1976

Started at Mysore, to cater to captive consumption

1980

First gearbox supplied to a non-captive steam turbine OEM

1982

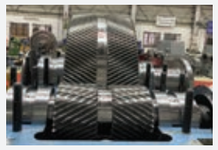
First hydro gearbox supplied

1991

First integrally geared internal replacement

1994

15 MW replacement Steam Turbiine application



1998

First 6 MW gas turbine gearbox to USA

2002

First export of API gearbox

2005

First Integrally Geared Compressor gearbox

2009

First locally manufactured drop-in replacement of Frame 6 gearbox for India's leading petrochemical company

2024

Highest power 27.5 MW Compressor Gearbox for installation in China via European OEM

2022

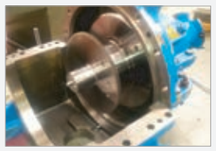
4.5 MW High Speed Planetary Gearbox for process Air Compressor, replacing European Brand and supplied to Fertilizer Complex

2019

Highest Power Indigenous 63.5 MW STG Gearbox for installation in West Africa

2018

Spare Gear Internals for Nitrogen Expander Planetary gearbox as replacement to European Brand for a Petrochemical Complex



2016

40 MW Test Rig Gear box for Compressor testing to Japanese steel company

2014

- Frame 6 gearbox replacement to USA
- Supplied 15 MW test rig gearbox for testing 1000 MW capacity generator

2013

- First indigenously manufactured drop-in replacement unit for LM 6000 Gas Turbine Load gearbox
- 850 KW Planetary gearbox developed/ supplied for a sugar mill

2011

Highest Power Local Gearbox 38 MW for an automobile company

The Go-To Supply Partner for all Global OEMs

Triveni PTB has been a committed long term supply partner to major OEMs in India, SE Asia and other parts of the world, offering power transmission solutions for various applications across industrial segments like Power, Oil & Gas, Refineries, Petrochemical, Cement, Steel, Fertiliser, Sugar, Rubber & Plastic, and Marine covering all geographies.

Triveni PTB's expertise in understanding and catering to the latest gear standards, API or AGMA has given way to approvals for supply of gearboxes through major engineering consultants and EPC contractors.

Best-in-Class Replacement Solutions

SUPPLY PARTNER TO GLOBAL OEMS

Steam Turbines

Triveni Turbine Ltd,Siemens Energy, Shin Nippon, BHEL, Doosan Skoda, Man – Energy Systems, Elliot, Skinner, Ebara, NG Allen, EKOL , Turboden & others

Gas Turbines

BHEL, MHPS

Rotary Compressors

Man Energy, BHEL, Siemens Energy, Elliot Ebara, Atlas Copco, Kobelco, Howden, ELGI.

Reciprocating Compressors

Siemens Energy, BPCL, Burckhardt Compression, Kobelco.

Centrifugal Pumps

BHEL, Flowserve, Sulzer, KSB-AG, Celeros, GE-NP, GD- Nash, KBL, Ebara Japan, MHI Japan, Hitachi, Kirloskar Ebara, WILO, Trillium Pumps, Hyosung, CW-Hydro, ITT, Goma Pumps, V-Flow

Fans and Blowers

Boldrochhi, Strainich, BHEL, TLT, Ingersoll Rand

Hydel Turbines

Andritz, Flovel, Global Hydro, BF Hydro, Boom Systems, Jyoti, Mechamidi

Test Rig

DRDO, ISRO, CVRDE, CABS, INS Eksila, HAL, Kobelco, KSB, Sulzer, JSW-Toshiba

Built to Print

Atlas Copco, Siemens, Voith

» Supplies to Various OEMs

STEAM TURBINE GEARBOXES

Customer: Siemens
Specification: 49440 kW,
6000 to 1500 RPM
Standard: API 613

Customer: BHEL
Specification: 41000 kW,
5650 to 3000 RPM
Standard: API 613

Customer: Triveni Turbines
Specification: 24990 kW,
6150 to 1800 RPM
Standard: AGMA 6011 J14

Customer: GE
Specification: 63800 kW,
4769 to 1500 RPM
Standard: AGMA 6011 J14

Customer: Man Energy Solutions
Specification: 24200 kW,
5595 to 1500 RPM
Standard: AGMA 6011 J14

Customer: Skoda Power
Specification : 32000 kW,
5468 to 1500 RPM
Standard: AGMA 6011 J14

GAS TURBINE GEARBOXES

Customer: BHEL
Specification: 54000 kW,
FRAME 6
Application: Gas Turbine

Customer: MHPS
Specification: 39000 kW,
7280 to 1800 RPM
Application: Load cum Accessory Gearbox

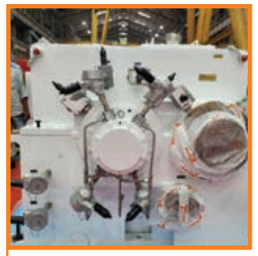
COMPRESSOR GEARBOXES

Customer: Siemens Ltd
Specification: 56700 kW,
4925 to 1000 RPM
Standard: AGMA 6011 J14

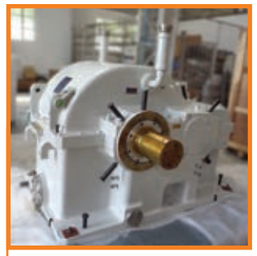
Customer: Man Energy Solutions
Specification: 27500 kW,
1500 to 4790 RPM
Standard: API 613

Customer: Atlascopco
Specification: 2900 kW,
1480 to 5100 RPM
Standard: API613

PUMP GEARBOXES



Customer: Flowserve, Argentina
Specification: 6075 kW,
15000 to 3620 RPM, API 613
Application: Gas Turbine driven pump



Customer: Siemens Ltd
Specification: 2900 kW,
5633 to 494 RPM, API 677
Application: Cooling Water Pump

Customer: Elliott Ebara
Specification: 785 kW,
5200 to 2980 RPM, API 677
Application: BFW pump

Customer: KSB Ltd
Specification: 2233 kW,
1493 to 3964 RPM, API 613
Application: HDT Feed Pumps

Customer: Gardner Denver Engg.
Specification: 451 kW,
1480 to 402 RPM, API 677
Application: Vaccum Pump

Customer: Sulzer
Specification: 1520 kW,
3735 to 1560 RPM, API 613
Application: Boiler Feed Pump

TEST RIG GEARBOXES

Customer: CVRDE - Defence R&D
Specification: 113 kW,
5000 to 70546 RPM
Application: Bearing Endurance Test

Customer: BHEL Bhopal
Specification: 1500 kW,
4000 RPM (1:1 Ratio),
8 Stage, 3 Inputs & 3 Outputs
Application: Traction Motor Testing

Customer: Voith
Specification: 1000 kW,
7000 to 3544 RPM
Application: Hydraulic Coupling Testing

Customer: GTRE
Specification: 45 kW,
3000 to 30073 RPM
Application: Pump Testing

Customer: Indian Navy
Specification: 9000 kW,
833 to 1699 RPM
Application: M-15 Gas Engines Testing

Customer: LPSC
Specification: 500 Kw,
1500 to 15000 RPM
Application: Semi cryogenic pump Testing

» Replacement Solutions

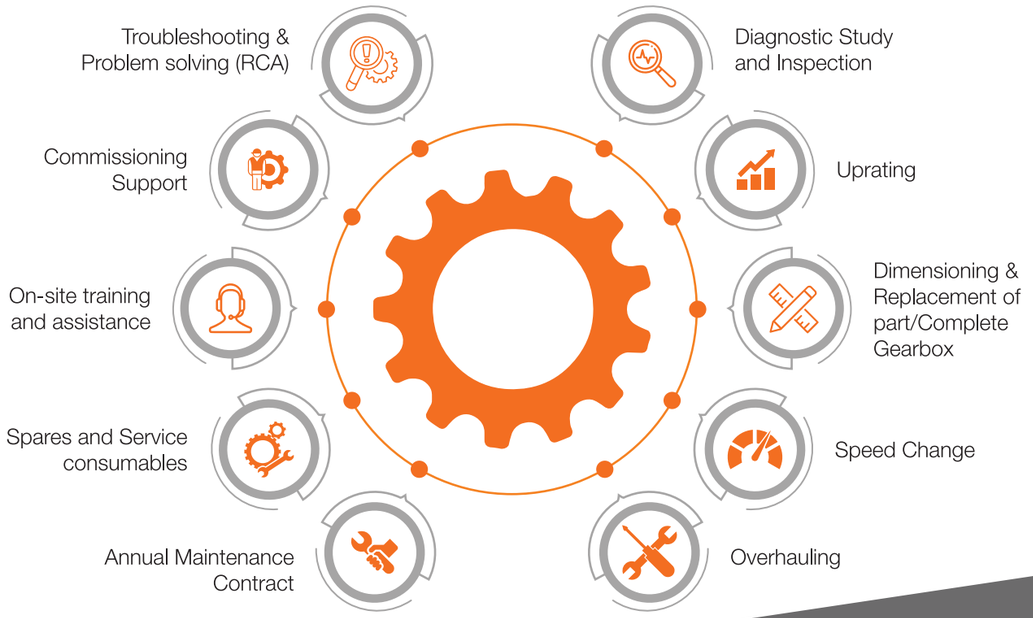
Any Brand, Any Application, Any Where.

In the life-cycle of any gearbox, there inevitably comes a point where replacements or upgradations have to be made to ensure optimum performance according to the ever-changing demands of the industry. Highly skilled and experienced engineering and service resources enable Triveni PTB to undertake repair and refurbishment of predominantly world-renowned brands in addition to the domestic brands with inherent issues.

Two-pronged strategy is adopted in the event of failure – Short term & Long-term solutions. Short term solutions include minor repair with least lead time to maximise the up time of the equipment whereas long term solutions are aimed at creating higher order of reliability which includes major repair and replacement of parts. Triveni PTB's replacement solutions provided to industries across the globe are a testament of high-reliability and low product life cycle costs. Strategic creation of dedicated dimensioning assets facilitates setting up of a large pool of dimension ready sites (DRS) at no cost to the customer helps in developing parts during distress, and in a significantly lower lead time as compared to global OEMs.

Triveni PTB's reverse engineering technology revolves around deep understanding of application dynamics and know-how which influences and enhances overall train performance. Triveni PTB's capability to diagnose is key to providing long-lasting solutions to chronic problems and providing comprehensive solutions with enhanced value proposition.

Replacement Solution Portfolio

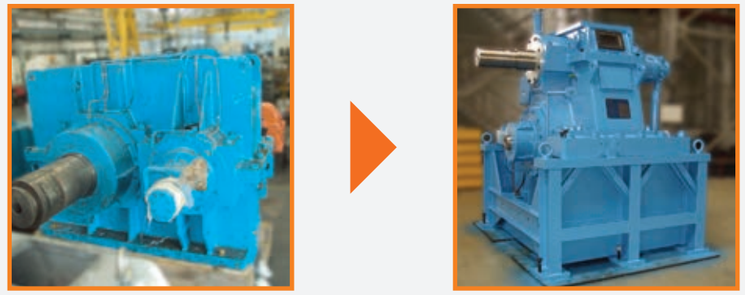


MODUS

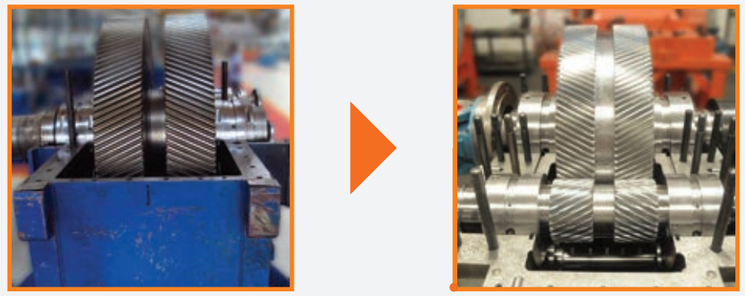
1. General Arrangement Drawing/Sectional Arrangement Drawing/ Mass Elastic Drawing/ Name Plate Details for understanding the existing requirement and making budgetary proposal.
2. Case history to eradicate the inherent problems, if any
3. Dimensioning of parts to be replaced either at site or to be sent to TEIL, Mysore on DDP basis, to be developed
4. Assembly and testing if complete parts are sent to TEIL, Mysore
5. Supervision of commissioning support at site

Repair Solutions

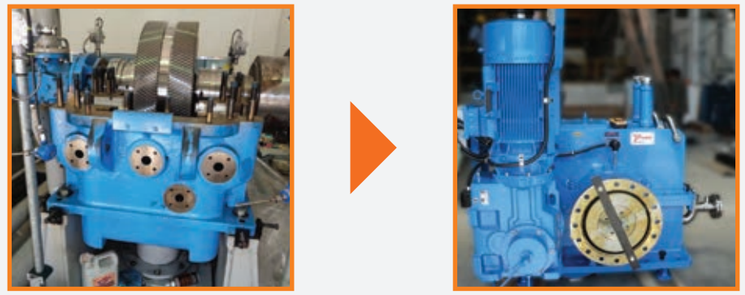
Horizontal offset gearbox converted to vertical offset gearbox to avoid teeth end loading /damage due to tilt of turbine axis



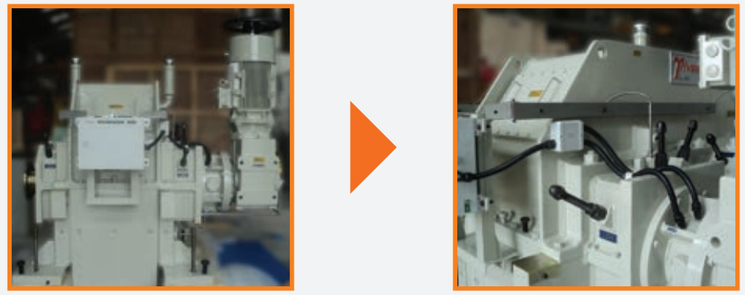
Split single helical wheel converted into a solid double helical design to prevent apex shift during over speed



Service Factor increased to eliminate frequent failure

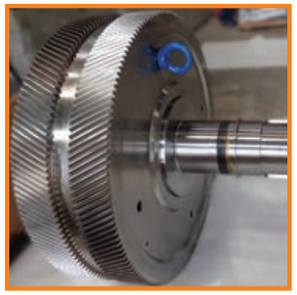


Power enhanced from 16MW to 18MW with same foundation foot print and Centre Distance



Bearing housing modified with improved routing for thermocouple wires & provision for attending the bearing thermocouple externally for Low-Speed Shaft to improve maintainability of RTD.

Repair of damaged Shaft Journal Area and supply of undersized bearings



Repair of damaged Gear Wheel and supply of matching Pinion Shaft

Input Speed changed to enhance Power output by 2 MW

Speed Change to reduce power consumption & increase production

» References of Replacement of World Renowned Brands

UK

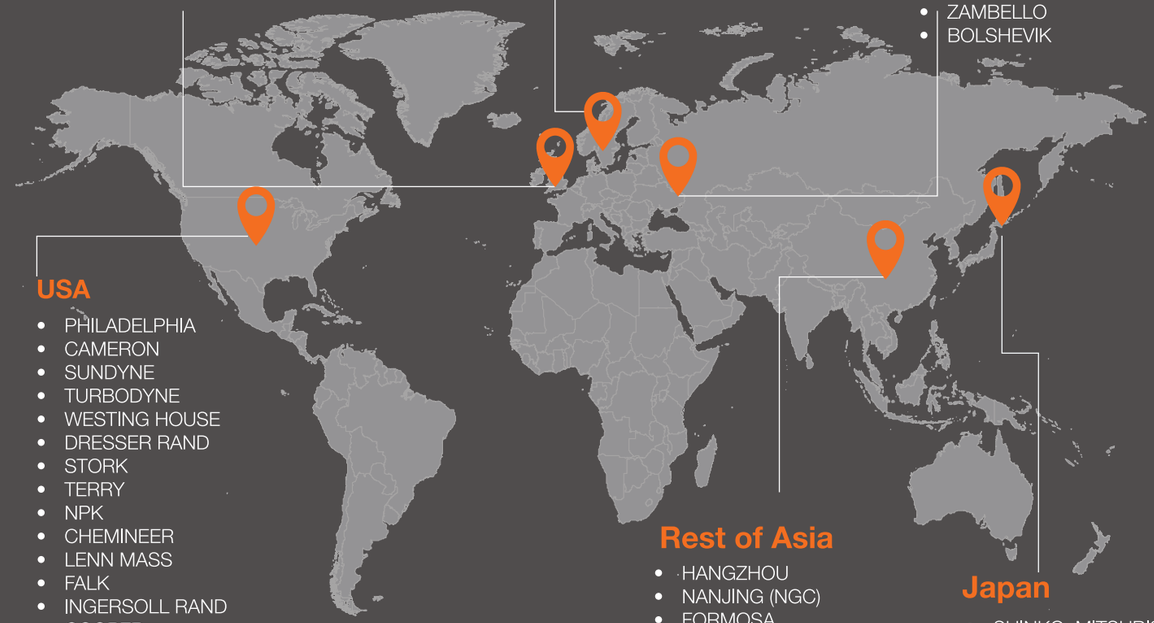
- ALLEN - BERRY
- BELLIS - MORCOM
- BROWN BOVERI
- DAVID BROWN
- G.J.WEIR
- LIGHTNING MAKE
- GREENWOOD & BATELY
- OPPERMANN MASTERGEAR
- R.W TRANSMISSIONS

Germany

- RENK
- BHS - VOITH
- KKK
- DEMAG
- FLENDER
- KOPPEN
- KREBER
- MAN - GHH
- PIV
- G.H.H.
- HUTTENWERK
- KRUPP
- BLOHM VOSS
- MIRLEES
- PEKRUN
- RENK TACKE
- SIEMENS
- SMS
- STEPHEN WERK
- VICKERS
- SAWA
- BLOHM VOSS
- DESCH

Rest of Europe

- FLENDER GRAFFENSTADEN
- MAAG
- GUSTI (OTG)
- COMELOR
- VALMET
- ECHESA
- METSO
- PEKRUN
- POMINI
- ATLAS COPCO
- WORTHINGTON
- POMINI FARREL
- POMPE
- SCHILLE & CO
- BENZLERS
- KAZAN
- MOVENTAS
- G.ELLI RIDUTTORI SEITES
- ROSSI
- SANTASALO
- JEUMOUNT – SCHNEIDER
- ZAMBELLO
- BOLSHEVIK



USA

- PHILADELPHIA
- CAMERON
- SUNDYNE
- TURBODYNE
- WESTING HOUSE
- DRESSER RAND
- STORK
- TERRY
- NPK
- CHEMINEER
- LENN MASS
- FALK
- INGERSOLL RAND
- COOPER
- MURRY
- AMARILLO

Rest of Asia

- HANGZHOU
- NANJING (NGC)
- FORMOSA
- KANGPU
- DOUBLE ELEPHANT
- JEIL – SOUTH KOREA
- GUANGZHOU

Japan

- SHINKO MITSUBISHI
- KUBOTA
- MKK
- OSAKA
- GENSOKUKI
- SEISAKUSHO
- ISHIBASHI
- SHIMADZU
- ABEX
- PARAMAX
- SIESA
- JSW

More than 90+ International make gearboxes replaced.

More than 1400+ installations, across applications.

» Supplies as Replacement to Global Brands

GAS TURBINE GEARBOXES

Frame 6
API 613
Replacement to Flender Graffenstaden

Frame 5
API 613
Replacement to Hitachi

LM6000
API 613
Replacement to IHI

Frame 6
API 613
Replacement to BHS Voith

Frame 6 Internals
API 613
Replacement to Flender Graffenstaden

Frame 6
API 613
Replacement to Lenn Mass, USA

Frame 6 FA
API 613
Replacement to Flender Graffenstaden

Accessory Gearbox Frame 9/6
API 613
Replacement to Flender Graffenstaden

STEAM TURBINE GEARBOXES

Replacement: Seisa
Specification: 32000 kW, 4909 to 1500 RPM
Industry: Steel

Replacement: BHS Voith
Specification: 11460 kW, 8025 to 3000 RPM
Industry: Chemicals

Replacement: Flender Graffenstaden
Specification: 43000 kW, 7065 to 1500 RPM
Industry: Steel

Replacement: MAAG
Specification: 15420 kW, 6526 to 3000 RPM
Industry: Paper

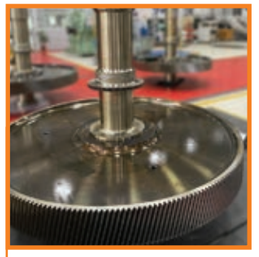
Replacement: Flender Graffenstaden
Specification: 36300 kW, 6042 to 1500 RPM
Industry: Steel

Replacement: Renk
Specification: 12000 kW, 6503 to 1800 RPM
Industry: Power Generation

COMPRESSOR GEARBOXES

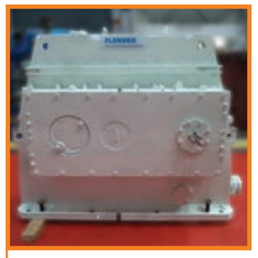
Replacement: BHS Voith
Specification: 5000 kW, 1480 to 15581/18094/20775 RPM, API613
Industry: Petro Chemicals

Replacement: Seisa
Specification: 1150 kW, 1500 to 19050/15783 RPM, AGMA,
Industry: Chemicals & Fertilizers



Replacement: Siemens
Specification: 4650 kW, 9138 to 10751 RPM, API 613,
Industry: Steel

Replacement: Demag
Specification: 5300 kW, 5982 to 8376 RPM, API 613
Industry: Steel



Replacement: Flender Graffenstaden
Specification: 1400 kW, 2980 to 27685 RPM, API 672,
Industry: Oil & Gas

Replacement: MHI
Specification: 16330 kW, 8025 to 11787 RPM, API 613,
Industry: Steel

PUMP GEARBOXES

Replacement: Turbodyne
Specification: 1630 kW, 2958 to 4900 RPM, API 613
Industry: Refinery

Replacement: Ebara
Specification: 162 kW, 2965 to 12981 RPM, AGMA
Industry: Refinery

Replacement: Nippon
Specification: 395 kW, 1480 to 178 RPM, AGMA
Industry: Chemicals and Fertilizers

Replacement: Pomini Farrel
Specification: 237 kW, 4750 to 754 RPM, AGMA
Industry: Chemicals and Fertilizers

Replacement: Shimadzu
Specification: 1800 kW, 9860.87 to 650 RPM, AGMA
Industry: Chemicals & Fertilizers

Replacement: Gusti
Specification: 1145 kW, 5000 to 2980 RPM, AGMA
Industry: Chemicals and Fertilizers

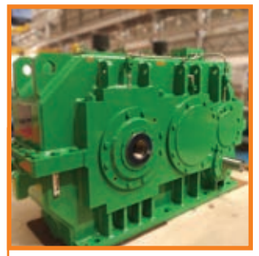
NICHE LOW SPEED APPLICATIONS GEARBOXES

Replacement: Koppern
Specification: 640 kW, 1470 to 16.61 RPM
Application: Briquetting Press
Industry: Steel

Replacement: David Brown
Specification: 260 kW, 970 to 40 RPM
Application: Coal Pulverizer
Industry: Steel

Replacement: MAAG
Specification: 600 kW, 1000 to 33.38 RPM
Application: HDPE Extruder
Industry: Refinery & Petro Chemicals

Replacement: Flender
Specification: 1600 kW, 990 to 32.8 RPM
Application: Vertical Roller Mill
Industry: Cement



Replacement: Guangzhou
Specification: 450 kW, 1000 to 38.4 RPM
Application: Extruder
Industry: Rubber

Replacement: Flender
Specification: 559 kW, 1500 to 30.55RPM
Application: Mill - Cane Crushing
Industry: Sugar

» Design & Engineering

Triveni PTB's expertise accumulated over the past four decades in designing tailor-made gearboxes for a wide application spectrum ensures that all engineered products stand firm on the pedestals of reliability and performance. The highly experienced design team, equipped with the knowledge of latest technological advancements and prevailing industry practices can provide comprehensive solutions be it power enhancement, speed alteration, or any other customized requirement.

- All of Triveni PTB's designs conform to latest Industry standards:
  - o API
  - o AGMA
  - o DIN
  - o ISO

Some salient features of Triveni PTB's design practices also include:

- Parametric 3D modelling of gearbox with latest Pro-E Creo software
- Customised software and Kissoft for Gear design optimisation
- Rotodynamic critical speed analysis of rotors through "XL-Rotor" software
- Lead and Profile correction of gear tooth for enhanced life
- Hydro dynamic bearing design optimization to enhance efficiency
- FEA through Hypermesh and ANSYS software
- Independent Cell for New Product Development and R&D
- Skilled and experienced design resources

TRIVENI HAS CARVED A PLACE FOR ITSELF IN EXCLUSIVE NICHES IN MULTIPLE PARAMETERS.

64 MW
Max Power Manufactured

178 m/s
Max PLV

70 Tonne
Max Weight

70,000 RPM
Max Speed

90 MW
Max Power of Gearbox Tested

90+
Global Brands replaced

1400+
Replacements done

3190 kNm
Max Torque

» Supply Chain Management

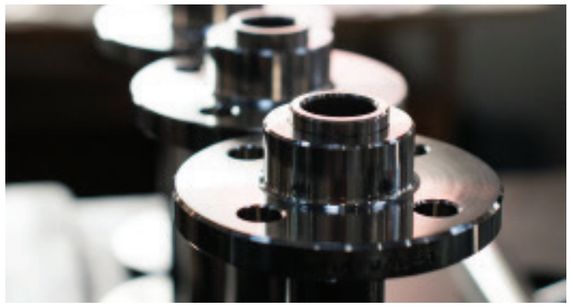
HIGHLY NETWORKED SUPPLY CHAIN ECOSYSTEM TO SERVE ALL YOUR NEEDS

Triveni PTB has a dedicated supply chain with long term partnerships spanning over decades, quality benchmarked to global standards including robust process capability to meet stringent demands of customer and product reliability. Triveni PTB understands inter woven quality needs across the value chain, which consistently helps in producing best-quality products.

A well-established metallurgical laboratory with the latest state of the art equipment ensures stringent and comprehensive control on quality of input raw materials and at the same time helps Triveni PTB to create a constructive and specific loop with all supply chain partners to improve and control their process parameters for long term sustenance.

Standardization of input material and accessories provides an advantage on long term commitment and leads to regular flow of high-quality input materials, even during peak industrial demand cycles, ensuring committed delivery to the customer.

Seamless integration of all partners in Triveni PTB's supply chain ensures perfect synergy to deliver products, strongly woven around high-quality standards.



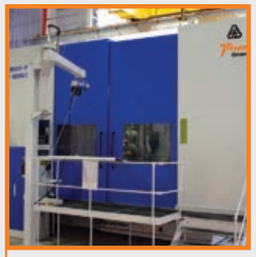
» Manufacturing

SOPHISTICATED AND SPECIALIZED MANUFACTURING THROUGH ULTRA-MODERN FACILITY

Triveni PTB's fully integrated world-class manufacturing facility has well-established process capability as well as process flow and plant layout for optimum cycle time.

Centred on operational excellence, Triveni PTB's manufacturing facility is equipped with state-of-the-art infrastructure to handle all the critical operations in-house imperative to produce quality products in a controlled environment. The manufacturing layout, with multiple bays, is designed for minimum material movement and maximum process efficiency. High-precision multi-axis European CNC machines for hobbing, cylindrical grinding, teeth profile grinding, and casing machining along with highly skilled manpower ensure a reliable product.

» Manufacturing Assets



5 Axis CNC Pfauter Gear Hobbers with Siemens 840D Control

Upto 2.8 Meter Dia X 1800 meter table diameter, 30 Module

7 Axis CNC Pfauter Gear Profile Grinders with Siemens 840D Control

Upto 2.8 meter external grinding, 20 tons table load, 2 meters Internal grinding attachment with Hirth Cutting

GER Hydraulic Cylindrical Grinder

ϕ1X3 mtrs. Length

GIORIA Heavy Duty Cylindrical GrinderTravelling Wheel Head Type

ϕ2X6 mtrs. Length

Juaristi Horizontal Boring MachineATC with 60 tools, 4X2 Mtrs. Traverse

CNC Lathe GT3100L/M, Doosan

Mitsubishi Double Column Milling Machine with 4 mtrs Traverse & 25 tons capacity

Favretto CNC Vertical Grinding Centre

ϕ1.2 mtrs.

Proteck CNC Lathe, Siemens 802D Controls 3 mtrs Length

» Manufacturing Assets

Premier CNC Vertical Turning Centre swing 2.3 mtrs.

Hankook – Dyna Turn, Siemens 840D SL + MPG, 5 mtrs length

HMC – HW 1250W, Doosan

Sophisticated Heat Treatment facility for Carburizing & Nitriding

Quenching Tank of 1,00,000 L capacity along with advanced cooling & churning process

Dynamic Balancing upto 10 tons

CNC controlled Mesh Checking stand

Assembly Bays with a combined handling capacity of 70 tons

» Quality System

Certifying Unlimited Conformity

CMM Inspection

Barkhausen Noise Analyzer

EMR Inspection

MPI Inspection

Every Triveni PTB product passes through stringent quality checks from raw material to final run test, to ensure that the product meets or exceeds customer expectations.

Triveni PTB has an in-house metallurgical laboratory with state of art equipment to inspect the material properties such as chemical composition, grain size, inclusions, banding, and microstructure. This also ensures complete quality requirements of the case-hardened gear teeth as regards to the hardness gradient, case and core hardness and microstructure.

Basic raw material chemical composition and carbon percentage in heat treated teeth are tightly controlled through sophisticated optical spectrometer. Magnetic particle testing and surface etch inspection also ensures defect free gear teeth that last long.

All these equipment and quality infrastructure undergo predetermined calibration regime. This also includes heat treatment furnaces and quenching station to consistently produce high-quality gear.

ISO 9001:2015 for QMS

ISO 14001:2015 for QMS

OHSAS 45001:2018

CE, ATEX, TRCU, UL

CII-Exim Bank Award for Business Excellence for "Strong Commitment to Excel" for 2013, 2014 and 2016

» Testing

Putting The Technology to Test

Every Triveni PTB product passes through rigorous inspection before dispatch. Stringent tests are conducted to ensure that the product meets design specifications and exceeds customer requirements.
The unit's test stand consists of three fully instrumented test benches for testing gearboxes up to 90 MW capacities, with additional capability of tandem testing. The test stands are equipped with:

- Bently Nevada vibration monitoring system with ADRE software
- SKF Micrology vibration analyser and Bruel & Kjaer Noise Analyser
- Facility to carry out extreme condition test (Low Oil Pressure – High Oil Temperature)
- Capability to test back-to-back lock torque test, unbalance response verification test, sound power level test, partial load testing.
- Laser alignment on test stands.
- Compliant with API standards as required.

With the latest digital up-gradation, Triveni PTB offers a remote witness testing facility including the witness of real time test parameters to all the customers across the globe.

Back to Back Testing

Partial Load Testing upto 1.2 MW

Noise and Vibration Check

Sound Power Analysis

Triveni's test data acquisition system monitors and records all gearbox test results, enabling a complete analysis of bearing temperatures, vibration spectrums and noise to ensure perfect assembly.

Best-in-Class **Replacement Solutions**

Advantage Triveni

Experience

Count on our experience of four and a half decades with a gearbox installation base of more than 10,000.

Expertise

Benefit from highly skilled experts with exceptional problem-solving capability.

Reliable Performance

All critical applications in high-speed pedigree are driven by us.

Quality

We are duty bound to supply globally benchmarked products.

Relationships

We value long term relationships.

Reliability

You can rely on our products, our company, and on us

Innovation

Benefit from our innovative end-to-end solutions.

Availability & Support

24 x 7 available for all your needs

Adaptability

We are flexible in all our processes

Reliable partner

Patronised by all global OEMs in India, SE Asia and other parts of the world.

Digital Support

Get access to remote witness testing facility including witness of real time test parameters to all the customers across the globe

Reduced Product Life Cycle Cost

Engagement with Triveni PTB can lead to drastic reduction in capital and service cost.

Service

Highly Experienced technical experts with exceptional problem-solving capability available within 48 hours.

Ethics

Professional and transparent business practices with strong focus on corporate governance, environment, health, and safety.

Triveni
ENGINEERING & INDUSTRIES LTD.

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Power Transmission Business

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