

Vision, Mission, Values, Business Principles

Vision: We will grow five times in five years and become a Rs 2500 crore company by 2013, by enhancing focus on material handling business and entering new businesses as necessary.

We will expand our business on a sustainable basis by building a team that is passionate about serving all its stakeholders and is committed to making Trust, Respect and Fellowship, a way of life.

Mission: To be an international leader in material handling equipment, process and systems.

Values:

- Trust
- Respect
- Fellowship
- Excellence
- Responsibility

Business Principles:

- Sense of Urgency
- Continuous Improvement
- Consistency and Detail



Automotive Applications – DLT's Tipper

TRF Group Companies

1. York Transport Equipment (Asia) Pte Limited

Singapore produces and distributes trailer undergears. It has a market presence in 27 countries and manufacturing facilities in Singapore, Australia, China and India.

2. Adithya Automotive Applications Limited

provides end-to-end solutions for the fabrication and machining of automotive applications such as tippers, load bodies, refrigerated bodies, etc. The manufacturing facility of this joint venture subsidiary is located in Lucknow, India.

3. Dutch Lanka Trailer (DLT) Manufacturers Limited, Sri Lanka

is a world class trailer manufacturer with facilities in Sri Lanka, Oman and India. It exports trailers to over 30 countries. TRF has a 51% stake in the company.



York Axles – Simply Miles Ahead



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TRF Limited

A TATA Enterprise

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Tata Group

Tata Group, India's oldest business house in India was founded in 1868. Tata companies operate in seven business sectors: communications and information technology, engineering, materials, services, energy, consumer products and chemicals. While they are largely based in India, several have significant international operations. The total revenue of Tata companies was \$70.8 billion (around Rs 325,334 crore) in 2008-09, with 64.7 per cent of this coming from business outside India. The Tata companies employ about 357,000 people worldwide. The Tata name is respected in India for its adherence to strong values and business ethics for over 140 years.

Every Tata company or enterprise operates independently. There are 27 publicly listed Tata enterprises with a combined market capitalisation of some \$60 billion, and a shareholder base of 3.5 million.

HISTORY

TRF Ltd was incorporated on November 20, 1962, as Tata Robins Fraser Ltd. It was promoted by Tata Steel and the Associated Cement Companies Ltd (ACC), in financial and technical collaboration with Hewitt-Robins Inc. (HR) of USA and the General Electric Company Ltd (GEC) – Fraser & Chalmers Division of UK.



JRD Tata, Chairman Emeritus



Jamsetji Nusserwanji Tata, Founder

TRF Limited - profile

TRF Limited, a Tata Group enterprise, is India's leading solutions provider for bulk material handling equipment and processing systems to the core and infrastructure sector. The Company's products cover material handling equipment and systems as well as automotive applications. In a recent move TRF leveraged its core competencies in designing, engineering and fabrication to diversify into the trailer and automotive applications business.

The Company's Vision is to grow five times in five years by 2013 through enhancing its focus in the bulk material handling business and entering a new business, that of automotive application. It has gained an international footprint and aspires to be an international leader through both organic and inorganic growth.

To achieve its Vision, the Company is creating the requisite strength in technology, design capabilities, technology and software, training and tools so to tap the huge growth potential in the India and the emerging markets of the world. It intends to make its products even more cost effective, dramatically alter its project management capabilities and continuously improve manpower skills to enhance the value it offers its customers.

Pioneers in material handling Solutions & Auto Applications

TRF Business Units

TRF Limited undertakes turnkey projects for infrastructure development industries such as power and steel plants, cement, ports, fertilisers and mining. The Company has three business units which fulfill the bulk material handling equipment, system and service needs of these core sector units. The Company is well known, in India and overseas, for the reliability, productivity and longevity of its equipment and systems. TRF has been constantly upgrading and developing new products and systems with the help of internationally reputed enterprises who have cutting edge technical expertise. Two of its three units are certified to ISO standards.



Level luffing cranes



TRF's processing system and equipment in a power plant

1. Bulk Material Handling Equipment Division

- specialises in the design and manufacture of a wide range of bulk material handling equipment used by the infrastructure industry. This division's manufacturing facility is located at Jamshedpur.

2. Bulk Material Handling Systems Division

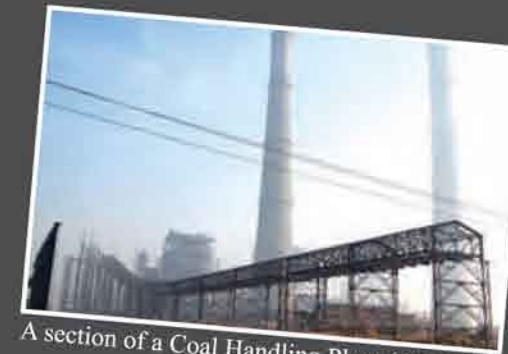
- offers a complete package of material handling and allied systems and services on a turnkey basis. The division deals mainly in supply, design, engineering, manufacture, inspection, testing and packing of plant and equipment, including supply of spares and tools. The division also delivers stamp-charging pushing systems for coke oven projects and coal dust injection systems for blast furnaces.

3. Port and Yard Equipment Division

- focuses on the design, supply, erection and the commissioning of material handling equipment for ports and stockyards including level luffing cranes, ship loaders and unloaders, container cranes, stacker-reclaimers and special purpose cranes for power and metallurgical plants.



Wagon tippler



A section of a Coal Handling Plant (CHP)



A cross country material conveying system

The TRF Works at Jamshedpur is spread over nearly 22 acres. This includes six covered manufacturing bays of nearly 21,250 square metres. TRF's skilled manpower meets the expectation of its customers by continuously adapting new technology, upgrading skills and serving its customers on time. They also use process improvement tools and techniques such as TOC-CCPM, quality circles, cross functional teams, etc to attain the highest level of productivity. TRF, with the help of advanced design and analysis software, constantly innovates, enhances efficiency and improves reliability of its products and systems which enable it to maintain leadership in the market.

International Presence

Since its inception in 1962, TRF's has created material handling systems for the core sector industries such as coal, cement, power, ports, mining, fertilisers and steel. Its excellent track record has made it one of the leading companies in India for undertaking projects on turnkey basis or concept to commissioning basis.



Shadeed Iron & Steel Company, Oman



Stacker Reclaimers in operation



Work in progress at Tata KZN, South Africa

1. Shadeed Iron & Steel Company, Oman

TRF Limited is supplying equipment to Shadeed Iron & Steel (SIS), Sohar, Oman. The project comprises material and product handling systems, which includes complete electrical and automation systems.

2. Tata Steel - KZN, South Africa

TRF has Supplied the Slewing Stacker for Tata Steel's ferrochrome plant at Richards Bay, South Africa.

3. Cirebon, Indonesia

Under this project, TRF recorded its first direct export order for the supply of Reversible Stacker Reclaimer to DOOSAN Heavy Industries & Construction, South Korea.

National Presence:

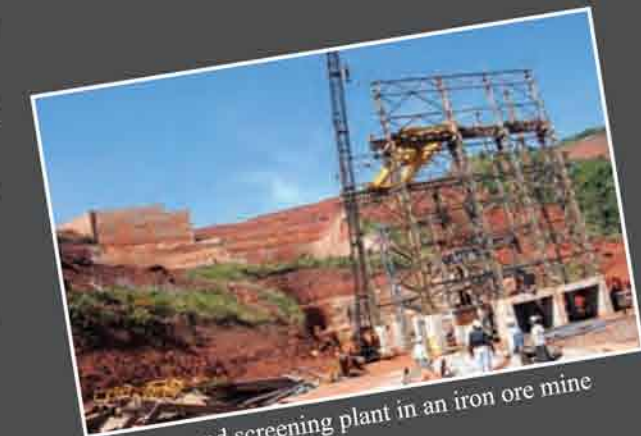
1. Anarali Power Co. Ltd

TRF is responsible for the design, engineering, supply, erection and commissioning of a 2640 TPH Conveyor System and all major equipment with associated electrical, civil and structural systems at the **3X500 MW** Indira Gandhi Super Thermal Power Plant, Haryana. Power generated from this super thermal plant will cater to New Delhi's power needs during the Commonwealth Games in 2010 and beyond.

TRF is setting up a 2640 TPH Conveyer System and supplying the major equipment with associated electrical, civil and structural system.

2. DVCS Power Project

TRF is executing a coal handling plant for the Damodar Valley Corporation on a turn-key basis at its **2X600 MW** Raghunathpur Power Project (Phase-1). TRF is setting up a 1600/1760 TPH conveyor system. Supplies include conveying systems, paddle feeders, wagon tipplers, crushers, screens, etc.



Crushing and screening plant in an iron ore mine

3. NMDC, Bailadila

A 3000 TPH capacity of crushing and screening package for National Mineral Development Corporation (NMDC), Bailadila is being built by TRF.

The Company has also supplied and installed a conveyor belt of 3000 TPH capacity, in operation for the last 28 years, validating the quality standards of the Company's products.



Turning point in an upcoming plant