TIDC INDIA

THE COMPLETE

CHAIN COMPANY

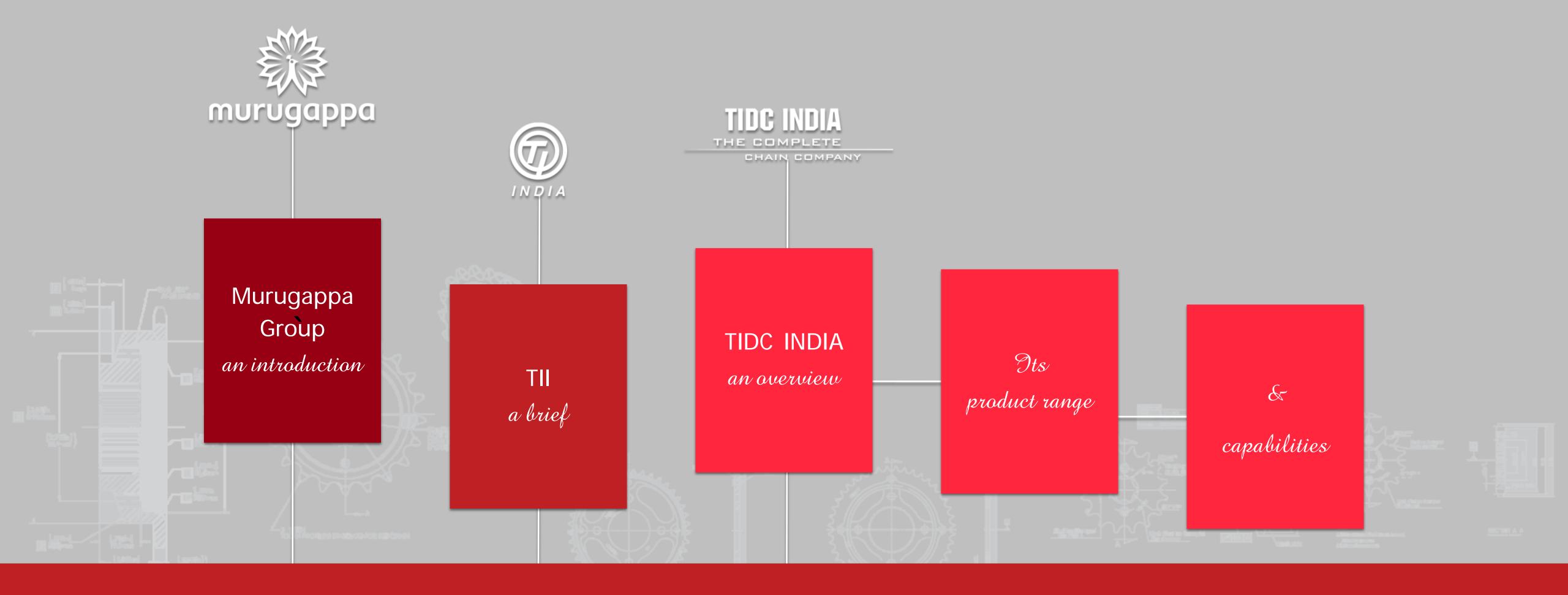


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A\$ 4.4 Wan group over 100 years in existence diversified over 28 businesses 32000 + employees footprints in over 40 countries



Coromandel International Ltd

Leading manufacturer of wide range of Fertilizers, Pesticides & Specialty Nutrients





Engineering solutions for Metal to Mobility



Manufacturer of Bicycles & Fitness Equipments

Premium Bicycles manufacturer of popular brands - BSA, Hercules, Montra, BSA Workouts



Manufacturer of Steel Tubes & Strips

Preferred supplier of precision tubes, ERW and CDW



Manufacturer of Industrial & Motorcycle Chains, Fine Blanked Components

Preferred Global OEM suppliers across industries for chains & fine blanked components



Manufacturer of car door frames, window & hydro-formed parts and frames

Pioneer and leader in precision value added sheet metal formed components

Subsidiaries



General Insurance Company

Has a network of over 90 branches across the country and 7,000 agents



vehicle finance, business finance, home loans, stock broking



Leading French Chain Manufacturer

Pioneer in Industrial and Engineering Class Chains in France



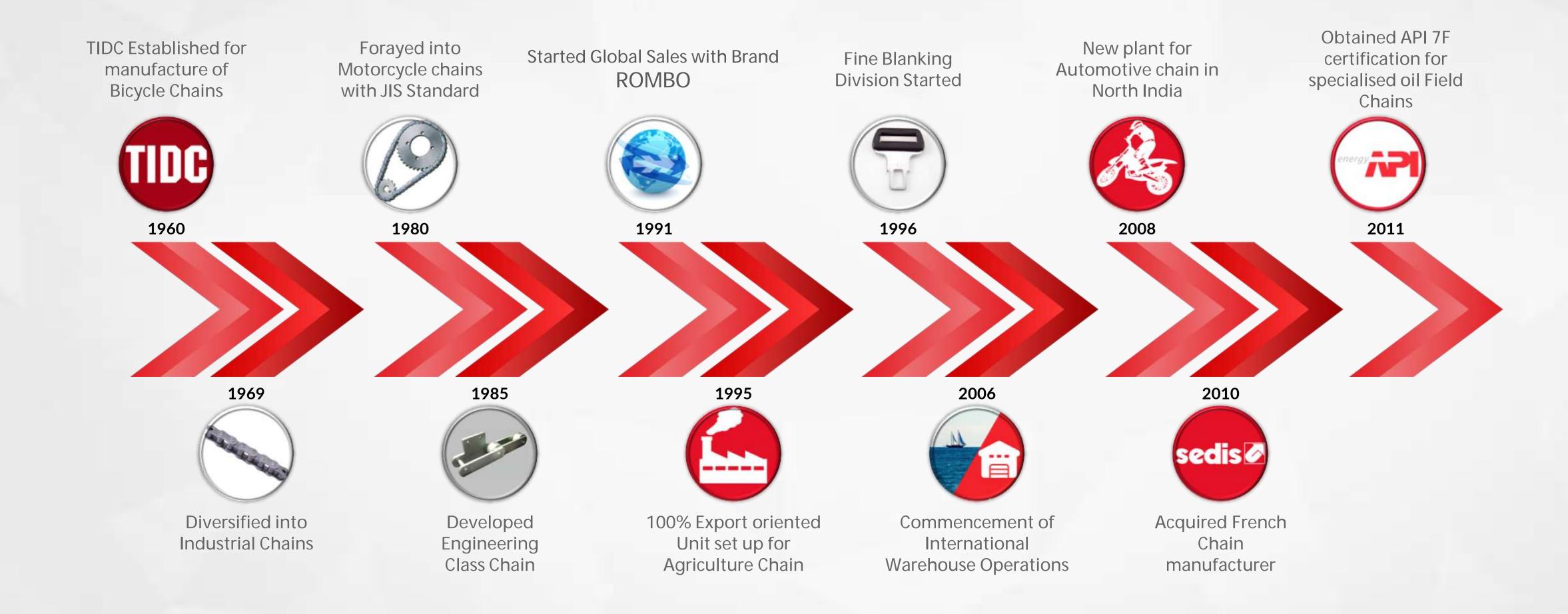
Manufacturer of Gears & Gear boxes

Preferred supplier across industries for demanding applications





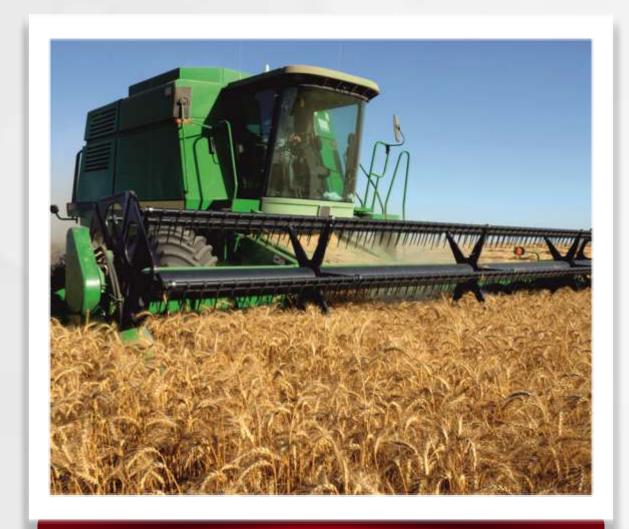
TIDC INDIA MILESTONES





Global OEM Suppliers to

Agricultural, Material Handling, Construction & Motorcycle Industries.



Agriculture Industry



Material Handling Industry



Construction Industry



Motorcycle Industry



AGRICULTURAL INDUSTRY - THE ROMBO EDGE

Harvester Combines, Balers, Hay & Forage Harvesters, Rotavators





Products > Feeder Chain **Maize Chain Elevator Chain**

Features



Special Manufacturing Cell

Improved Wear Life by Hard Chrome Plating & Vacuum greasing Corrosion Resistance- Zinc, Nickel, ZAC coating etc,.

Hi Performance series – 40% Improved fatigue life

Entire range of chains for CLAAS/ JD/ CNH

Design & Testing



Specialized press tool design & manufacturing Improved fatigue life by improved hole quality Better life of the chain thro improved waist width



MATERIAL HANDLING INDUSTRY - THE ROMBO EDGE

Industrial Forklifts, Rough Terrain Forklifts, Container Handling, TeleHandlers





Products
AL/BL/LL Series
BL Max Series



Features

Hi performance chains – 20-25% Improved life Improved fatigue life by special treatment to pins



Design & Testing

Pressure blanked plates

- ✓ High holding power
- ✓ Improved hole quality
- ✓ Smooth plates

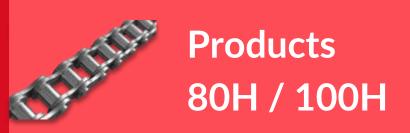
Dedicated leaf chain testing facility
Simulate the real time rugged application in testing



CONSTRUCTION INDUSTRY - THE ROMBO EDGE

Skidsteer Loader, MotorGraders & TeleHandlers



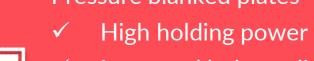




Features

Improved fatigue life
Max Contour Plates
Quad Riveting to withstand side thrust

Design & Testing



- Pressure blanked plates
- ✓ Improved hole quality
- ✓ Smooth plates

Internal testing with special fixtures to simulate field conditions





MOTORCYCLE CHAINS PRODUCT RANGE

Entire range of Motorcycle Chain as per JIS Standard

Preferred supplier for Motorcycle manufacturers Strong player in the Motorcycle Aftermarket



Motorcycle Chains as per JIS standard Special products include — Solid Bush chains, O Ring & X Ring Chains



Rear wheel Sprocket:
Aesthetically designed
Entire range for all Motorcycle chains





ENGINE Timing Chain (CAM CHAINS)
25, 25H — Both Regular & Solid Bush Chains

Superior heat treatment process
Specially treated Delta Coated Pins
50% improved in life
Improved fitment accuracy





OIL FIELD CHAIN - THE ROMBO EDGE

Oil & Gas Industries – API 7F Certified Company





Products

ASA60/80/100/120/140/160/200/240

Heavy Series:

60H up to 240H

Both Cottered Type & Riveted Type Chains Capability to manufacture up to 8 strands

Features



Ultimate Fatigue Strength

Precision manufacturing & exacting tolerance

Smooth pitch holes for high interference fit

Superior wear resistance

All Oil Field Chains are validated for API 7F requirements

Design & Testing



Plates designed using Finite Element Analysis to deliver better fatigue strength Oil Field Chains are subjected to high shock loads and repeated cyclic loads Ball drifting of plates to induce compressive strength



CONVEYOR CHAIN

Types : European Series / Metric Series (ISO)

Applications: Bucket Elevator / Deep Bucket Conveyor / Slower Tester / Bagasse Camer / Scrapper Reclaimer / Drag Conveyor



Cement Industry



General Engineering



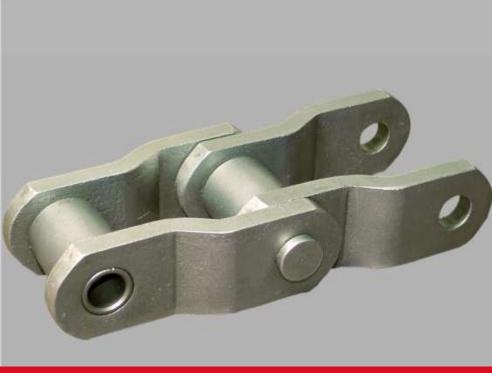
Automobile Industry



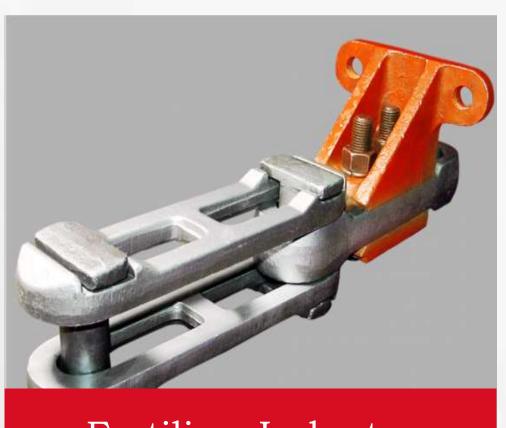
Mining Industry



Food Processing



Heavy Engineering Industry



Fertilizer Industry



Sugar Industry



Steel Industry



Paper Industry



THE ROMBO EDGE



Products

- ✓ Metric Series Conveyor Chain
- ✓ All types of Attachments
- ✓ Chains for Cement, Sugar, Fertilizer, Automobile & Mining Industries



Features

- ✓ VMC machine for better hde quality
- ✓ Higher Factor of Safety for better life
- ✓ High hardness to resist abrasion
- ✓ Precision manufacturing and exacting tolerence
- ✓ Resistance to both corrosion and wear



- ✓ Design for high strength & resistance to shock loads
- ✓ Fatigue testing simulating cyclical conditions done inside an elevator
- ✓ Specially designed testing for wear resistance & corrosion resistance
- ✓ Designed by Finite Element Analysis to provide longer and trouble free life

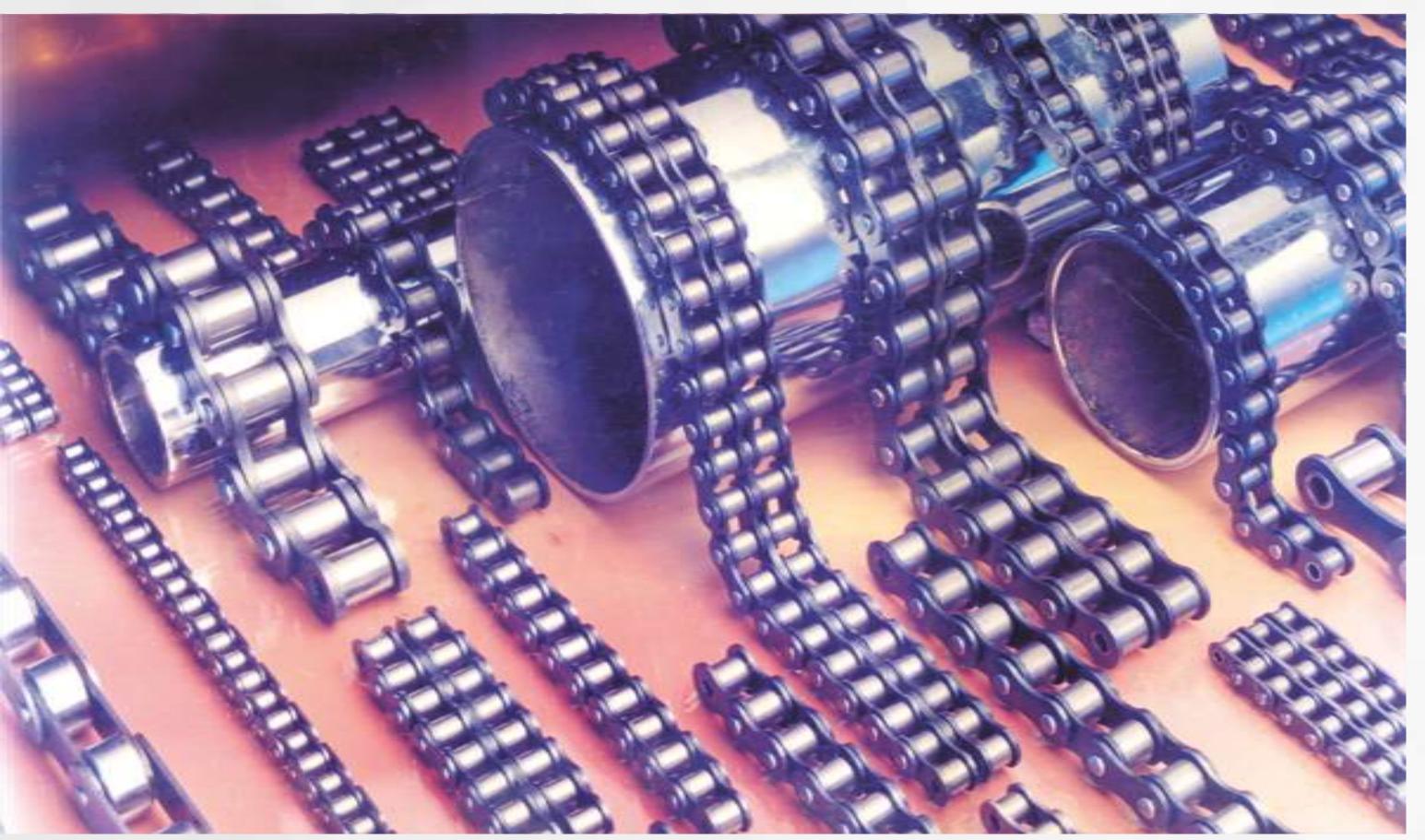




Roller Chain

Types : British Standard / ANSI Standard / Hi-Performance / Hi-Life Series / Stainless Steel / Plated / Corrosion Resistant / Lube Free Chains

Applications: Agricultural Machinery, Construction Equipment, Printing & Packaging, Confectionaries











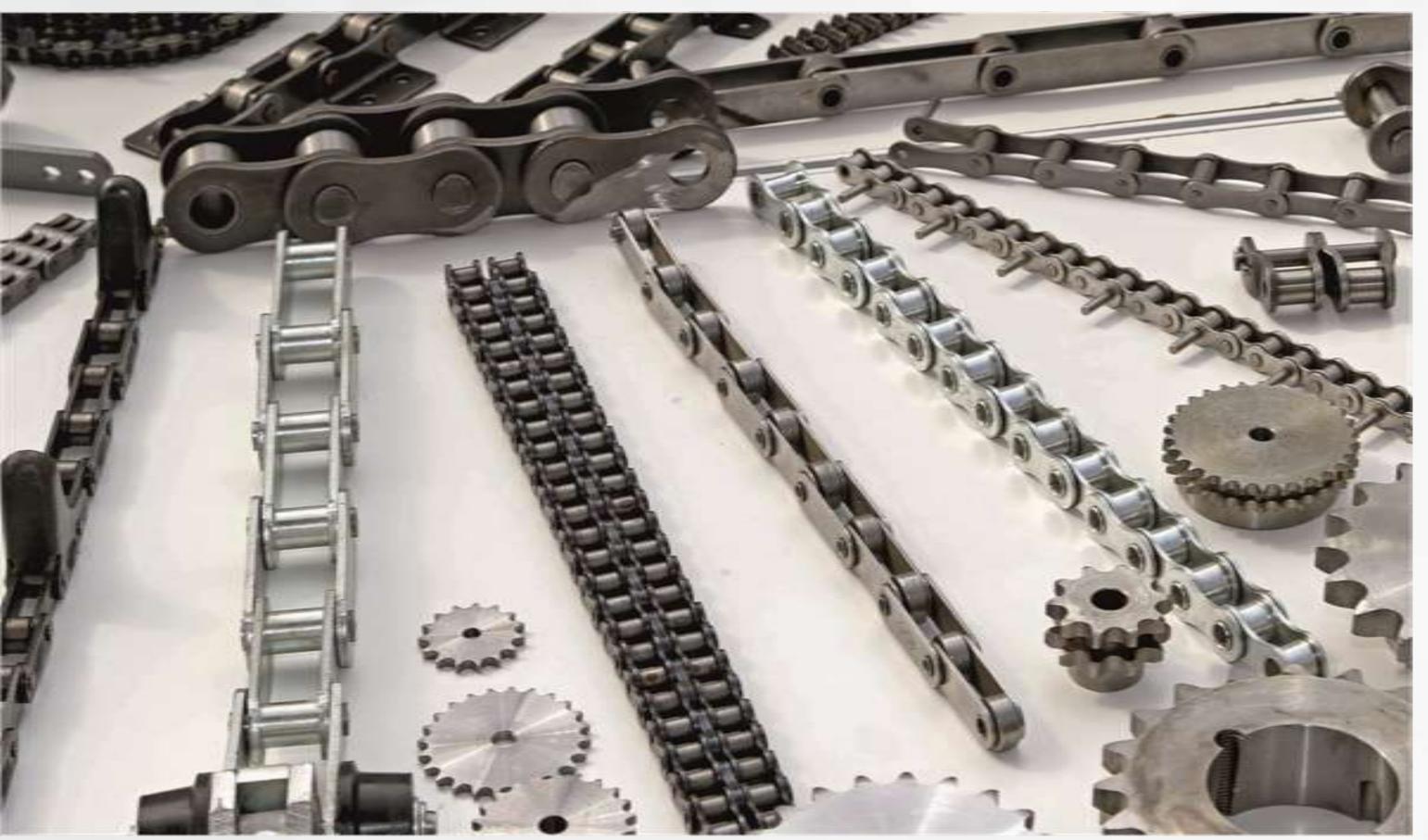


ADAPTED SERIES

Adapted / Attachment Chain

Types : K Type Attachment Chains / M Type Attachment Chains / Extended Pin Chains / Rubber Top Chains / Spike Attachment Chains

Applications: Beverage Can Printing, Packaging, Confectionaries













SPECIAL SERIES

















FINE BLANKED PRODUCTS

Product Range

2 Wheelers : Body Starter Clutch, Drum Shift Stopper, Master Gear Shift, Pawl Gear Shift, Arm Gear Shift, Cam Sprocket, Cam Lobes, Sprockets, Ring Gear, Gear Comp Starter

Clutch, Crank Gear Lever, Crank Rocker Shaft, Striker Gear Change Lever, Stop Pawl, Pump Casing Plate

4 Wheelers : Link Rear, Link Drive, Lever HA, Trigger Latch, Expansion Valve Plate, Spacer Rivet, Transmission Parts, Safety Parts, Steering Column Parts, Seating Systems Parts.

Industrial : Cam, Roller Lever Plate, Ratchet, Pressure Thumb, Counter Weight











FINE BLANKING - FACILITIES

630 Ton Feintool Press, 400 Ton Schmid Press, Sealed Quench Furnace, Austempering Furnace, Double Disc Grinding — These are some of facilities that ensures the precision engineering/reliability of our products















SUMMARY OF PRODUCTS

INDUSTRIAL CHAINS INDUSTRIAL CHAINS

Power Transmission-B.S, ANSI and Custom made

Conveyor Chains and Attachments-

B.S, Metric & custom made Hoist & Lift Chains



Bulk & Unit Material Handling



World Wide OEMs / After Market



Motorcycle / Moped Chains
Fine Blanked Components





All plants are integrated manufacturing centers with cellular manufacturing In-house tool engineering capabilities.

50 years of chain making for varied applications.

World class equipments with statistically controlled processes

Special process equipments to enhance product life

Shot Peening / Special plating processes / Application specific lubrication

State of the art process & product testing facilities
Established quality standards with robust Quality Management Systems

C Integrated cellular manufacturing for improved throughput

D Data monitoring & planning process through ERP



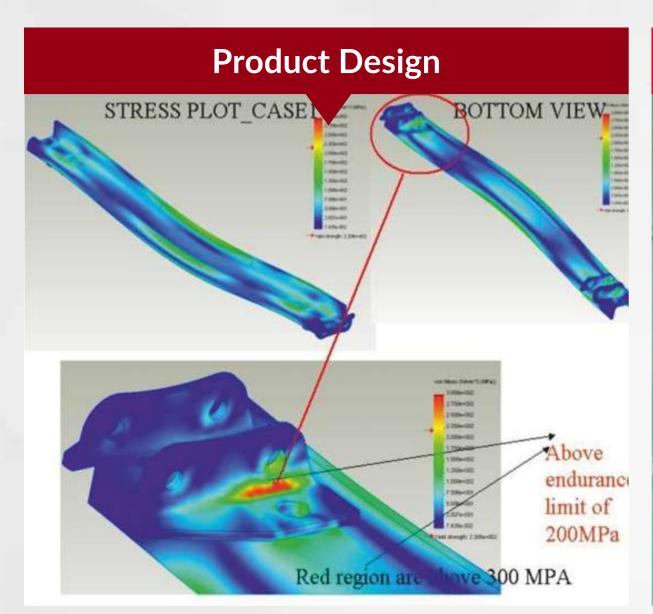








TIDC INDIA ENGINEERING & PRODUCT TESTING CAPABILITIES



Deployment of contemporary design software through Auto CAD, Solid works, Cosmos and Dynamic design motion.



Fully equipped in-house tool room deploying world class equipments with competent design engineers to handle variety of tooling requirements.



Endurance and fatigue testing with global standards of equipments.
Corrosion testing facilities and state of art metrology and metallurgical laboratories.

Testing on global standards as per customer requirements

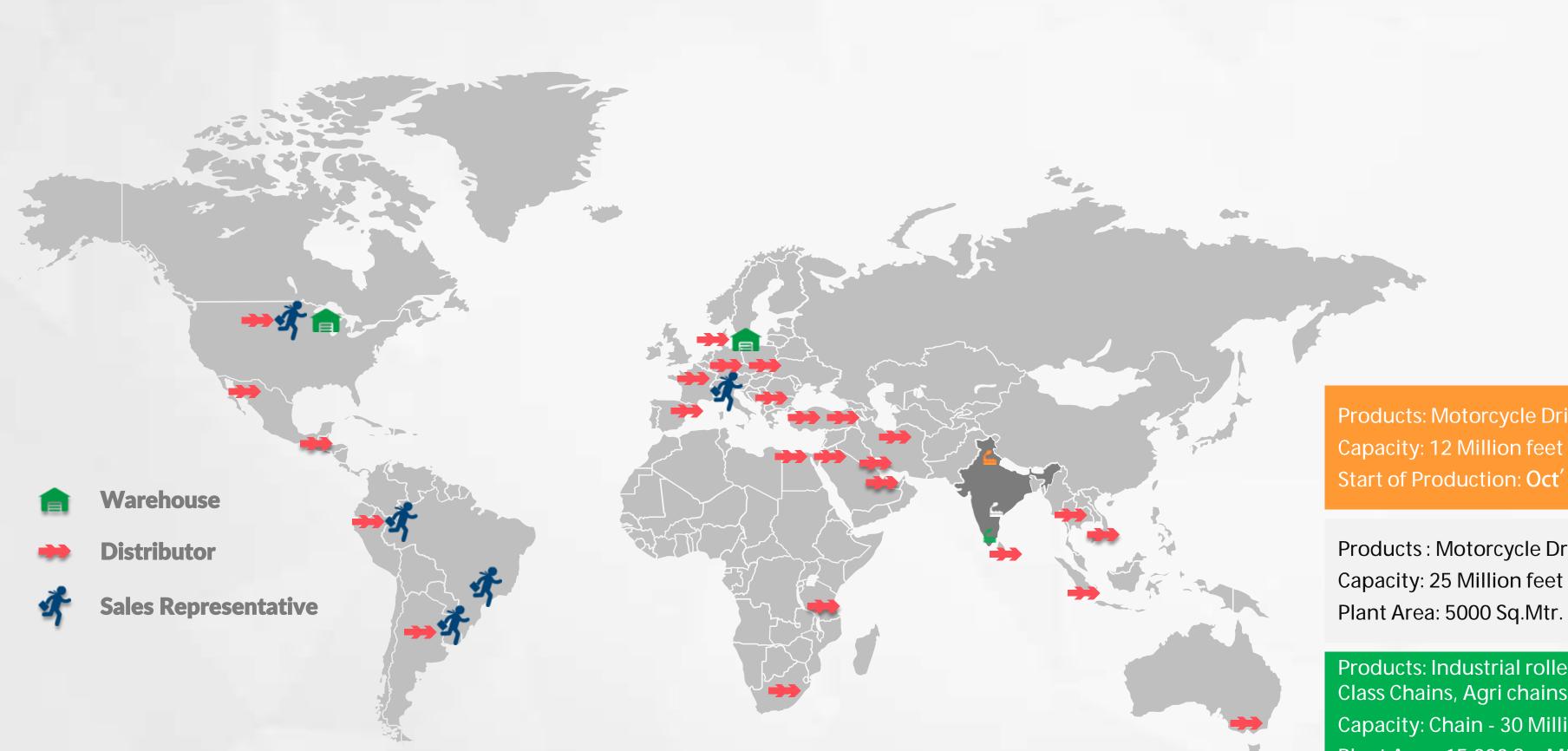


The state-of-the-art computing facilities in the Corporate Technology Centre enables the organization to do virtual simulation and prototyping of new products. Also these facilities are oriented towards process simulation to facilitate improved process control in manufacturing.



Global Presence

Robust service with an established network that offers absolute customer comfort across the supply chain



Products: Motorcycle Drive/Cam Chains Capacity: 12 Million feet / Year

Start of Production: Oct '08

Products: Motorcycle Drive/Cam Chains

Capacity: 25 Million feet / Year

Products: Industrial roller chains, Material handling & Engg Class Chains, Agri chains, CAM Chains & FB Components Capacity: Chain - 30 Million feet /Year FB Parts-1440 ton / year Plant Area: 15,000 Sq. Mtrs.





Thank You

W Visit Us : www.rombochain.com

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