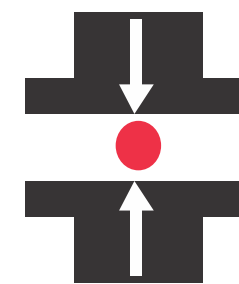


Manufacturer & Exporter  
**Emson** **TOOLS MFG. CORPORATION LTD.**

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**Emson** **TOOLS MFG. CORPORATION LTD.**

FORGING AND MACHINING EXCELLENCE

AN ISO 9001 : 2015 CERTIFIED COMPANY





INTRODUCTION

Emson Tools Manufacturing Corporation Limited has emerged as one of the pioneers in the field of high Quality Forgings and Machined Products. We are presently manufacturing Automobile Components, Railway Parts, Tractor Parts, Farm Equipments and Conveyor Parts. The company is committed to achieve a higher level of reliability which is performance for today and investment protection for tomorrow.

Our highly skilled workforce and their sincere efforts and cooperation enables us to achieve the goal of total customer satisfaction.

Emson is an APPROVED source by panel of RDSO (Research Designs and Standards Organisation) for manufacturing Indian Railway's Components like Hanger for Bogie Bolster Suspension, Screw Coupling Assembly, Draw Gear Assembly, Block Hanger for Bogie Brake etc.

We have developed an in-house die designing facility to manufacture Dies and Tooling to high levels of accuracy. The adoption of technologically advanced quality control methods are the need of hour and company has equipped itself with various quality measuring equipments in Chemical & Mechanical Testing labs.

We produce quality forgings from 100 gms to 100 kgs. and are available in Carbon Steel, Alloy Steel, Non Alloy Steel, Nickel Based Alloys.

We have consistently managed to be a globally competitive company taking a lead in Quality and Technology and gained a reputation of being a preferred source of forged and machined components to OEM's.

OUR PRESTIGIOUS CLIENTELE



QUALITY POLICY

We at Emson dedicate ourselves to manufacture quality products and shall constantly strive to continually improve the effectiveness of the quality management system and to achieve total customer satisfaction by imparting effective training to all employees. This will be achieved in accordance with quality management system ISO 9001:2015.

- Increasing Productivity
- Improving Customer Satisfaction Index
- Reduction in Rejection / Rework
- Developing Human Resources by Effective Training
- Implementing Continuous Improvement Project

VISION

We the proud member of the Emson family, shall strive vigorously to delight our customers and stakeholders who are our very purpose, by pursuing excellence and innovation through committed team work. To this end we shall promote continuous learning, achievement orientation and ethical business practices, which will make us shine as a global player.





INFRASTRUCTURE



FORGE SHOP

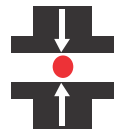
- Die Shop is most modern with CNC Die Sinking Machines, Spark Erosion Machines etc.
- Our is state of the art plant with composites in-house facilities for Forging, Heat Treatment and Machining
- Our Forge Shop has a blend of Pneumatic, Belt Drop Hammer, Trimming and Coining Presses for close die forgings

CNC SHOP

Emson offers precision machined components using sophisticated CNC Machines for Turning, Machining and Grinding operations. Machine shop undergoes constant upgradation by addition of new machines & for new processes as per customer requirement. Process control and monitoring systems ensures reliability of our components.



INFRASTRUCTURE



HEAT TREATMENT

Our facilities process a wide variety of component sizes to extracting standards with reliable, repeatable results. We have continuous heat treatment furnaces equipped with temperature controller & SCADA(Supervisory Control and Data Acquisition) which shows the complete temperature and soaking time required for the product on the computer. The computer then processes this data and presents it in a timely manner. SCADA records and logs all events into a file stored on a hard disk or sends them to a printer. SCADA warns when conditions become hazardous by sounding alarms. Our heat treatment operations (Normalizing, Hardening, Tempering, ISO-thermal Annealing) & Separate Gas Carburizing facility are managed by some of the best engineers and technicians in the industry, with the experience and expertise to provide vital support and a real understanding of customer requirements.



FORGING COMPONENTS



Crown Wheels



Cam Shafts



Engine Crank Shafts



Digging Components



Shafts

FORGING COMPONENTS



Tractor Components



Defence Components



Three Point Linkages



Gears



FORGING COMPONENTS



UJ Cross



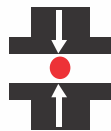
Stub Axle

Connecting Rods



Steering Components

FORGING COMPONENTS



Gear Shifter Forks



Shafts



Hydraulic Lift Ram



Yoke Cross Holders



FORGING COMPONENTS



Earth Moving Components



Bridge Fork Bottom



Rope and Chain Links



Connector & U Links



Conveyor Flights



Steering Levers & HCV Parts

MACHINING COMPONENTS



Hydraulic Lift Arms



Stub Axle



Shafts





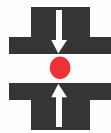
Gears & Shafts



King Pin & Spool



Lower Spring Seat & Guide for Railways



Misc. Components



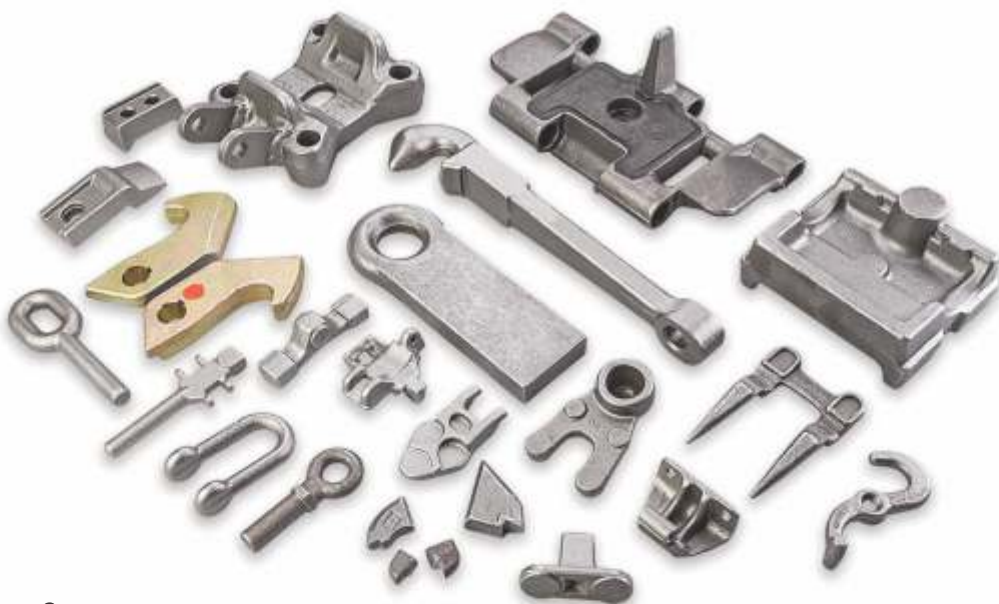
Misc. Components



Hay Spears / Bale Spears



MACHINING COMPONENTS



Misc. Components



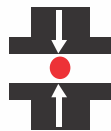
Misc. Components

Trunion and Cap for Caterpillar



S Cam Shafts

RAILWAY COMPONENTS



Hanger, Block Hanger, Centre Pivot Pins, Traction Centre, Hook, Coller, Anti Roll Bar, Fork & Draw Gear Screw Coupling Assembly for Railways