



SUPERIOR INDUSTRIAL **E N G I N E E R I N G**

Taking Industrial Engineering to Superior Levels

SUPERIOR INDUSTRIAL ENGINEERING



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About Us

History

Founders of Superior Industrial Engineering have been working in the field of Engineering for the past 25 Years with the name of SUPER PLATERS. Superior Industrial Engineering has been established in June 2018 as its sister company to renew the spirit of quality work with more focus on specific **Mechanical and Electroplating (Hard chrome plating)** services. In a short duration, guided by the energetic leadership, the company has been able to achieve distinctive name in providing valuable services to its numerous clients.

We provide a wide range of services including **CNC Turning, Machining Services** (up to 3400mm Length and 420mm Dia.), **Cylindrical Grinding Services** (up to 3200mm Length and 220mm Dia.), **Hard Chrome Plating** (up to 8m Length and 2m Dia.), **Manufacturing of different types of guide rods, Polishing, Bend Removal** and loading and unloading crane capacity of up to 2 Tones. We also provide specialized manufacturing of different types of Tie Bars.

With the availability of high-quality equipment and vast range of experience, we can professionally provide customized job-work services based upon the needs of our clients.

Whom Do We Serve?

Our company focuses on providing world-class services for many types of industries which include but not limited to the following main industries:

- Leather Industry
- Tyre Machineries
- Plastic Injection Moulding Industries
- Pump Industries
- Pneumatic and Hydraulic Industries
- Machine Tools
- Mechanical Engineered Products
- Screw and Barrel Machine Products
- Petroleum and Mining Industries
- Special Machine Industries
- Automobile Industries

Company Values

We at Superior Industrial Engineering, are a group of fully passionate experts who are proud to provide high quality mechanical and industrial services to our numerous types of clients having diverse demands and requirements. Our team is more focused of providing value to our clients by using the most advanced technology which is completely up to date and can achieve the highest levels of standards.

To provide high-quality service to our clients, we follow stringent quality control. We always keep our quality control services at top priority and never consider them optional. The implementation of safety controls of international standard makes our facility best suited for large scale mechanical production. All products are inspected to ensure highest level of quality by our special Quality Department in all stages of the manufacturing process and all the reports generated against each of these steps are maintained to avoid any quality issues, found during inspection, in future production. Superior Industrial Engineering also takes pride in implementation of 5S values to increase shop-floor productivity and reducing wastes.

Our Vision

To become one of the most advanced industrial facility providing world-class mechanical services in the country keeping the integrity and reliability of our services at its best.

Our Mission

To inspire reliable services among our clients, keeping primary focus on our quality control systems to redefine our manufacturing process and to enhance the safety and integrity of our workers.

Our Operations

Our site is located in **Sidco Industrial Estate, Kakkalur, Thiruvallur** with total operational area of 11000 Sq. Ft.(0.25 acres) while currently the area which is being used for our services covers up to 2000 Sq. Ft. Rest of the area is currently under expansion to install fully automatic hard chrome plating plant and we are building up state-of-the-art facility for providing high quality services. Following are some of the main machines that are being used for different purposes.

CNC Turning Centre

Following are the specifications of CNC Turning Centre:

- Brand: MORI SEIKI
- Max Swing over Bed: 620 mm
- Max Swing over Saddle: 380 mm
- Maximum Turning Dia.: 420 mm
- Distance between Centres: 3615 mm
- Maximum Turning Length 3405 mm

Cylindrical Grinding Machine - 2NOS

Following are the specifications for Cylindrical Grinding Machines.

- Brand: HMT
- Maximum Grinding Length: 3200 mm
- Maximum Grinding Dia.: 220 mm

Conventional Lathe Machine

Following are the main specifications for Conventional Lathe Machine.

- Brand: TURNER
- Maximum Turning Length: 4250 mm
- Maximum Turning Dia.: 380 mm

Tool-Post Grinding Machine

Following are the main specifications for Tool-Post Grinding Machine.

- Brand: TURNER
- Maximum Turning Length: 4250 mm
- Maximum Turning Dia.: 380 mm

Other than these high-quality machines, we have all kinds of high precision testing and measuring equipment in order to have complete Product Inspection before delivering it to our clients.

Our Services

We have experts in all the areas of the services that we provide, and have a profound commitment to deliver most promising results. Our complete vision has helped us in providing technologically advanced services to our clients and satisfy our customers to the best level possible. We focus our energy to provide valuable services to our clients using our

world-class highly advanced equipment in the most experienced way. Following are the main services that we provide to our valuable clients.

CNC Machining - Turning Service

CNC machining is a manufacturing process implemented by computerized controls to operate and instruct machine and cutting tools for shaping stock materials of different types like metal, plastic, wood, and foam into custom designs and parts. While Turning is the type of machining process which employs single-point cutting tools to remove some part or entirely cut through the rotating material. It includes different types of operational capabilities like boring, facing, grooving, and thread cutting. For CNC Machining and Turning Services, we have a wide variety of materials, and use most advanced machines to thoroughly and precisely follow all design specifications given by our clients.

Cylindrical Grinding Service

Superior Industrial Engineering has a vast range of solutions for your precise and delicate grinding needs, the most common of which is its top-quality Cylindrical Grinding Service. We have experience in providing Outside Diameter Grinding, Inside Diameter Grinding, and Centreless Grinding to cover a wide range of Cylindrical Grinding Services for our client needs.

Hard Chrome Plating

Hard chrome plating is a good choice to increase the life of machined parts to protect them from abrasion. This process is mostly used due to its effective harness quality and known durability. We offer one of the best hard chrome plating services in the country and can provide the services for any size of the production run. We also work closely with our clients to help them meet their exact expectations and provide them with technologically advanced Hard Chrome Plating Services.

Hard chrome plating production Jobs

Superior Industrial Engineering is in the process of establishing **fully automatic hard chrome plating plant** to serve the customers with high quantity production jobs. We are also looking for customer needs and their job profiles in order to include the same in our new plant which would fit the customer needs by keeping our goal to produce quality products with highest customer satisfaction and on time delivery . All international quality standards will be maintained according to customer needs. For hard chrome plating, we can do pre-grinding, pre and post polishing in semiautomatic/automatic process and despatch complete production jobs in house.

Polishing

Superior Industrial Engineering provides high quality metal polishing services that could be done through Manual and Automatic processes depending upon the client needs. With our polishing equipment and capabilities, we are able to provide the best possible process for High Quality Finishing of developed components

Injection Moulding Tie-bars

In order to keep the performance of Injection Moulding Machines at their best, it is extremely important to use high quality Tie Bars with it. For better output, not only the material selection, but also the running performance is important for the machine. Therefore, we at Superior Industrial Engineering provide the highest quality of Tie Bars having different types and structures.

Guide Rods

We have professional complete setup to manufacture all kinds of guide rods from material procurement to finished components with complete quality control to produce best quality guide rods. We manufacture different types based on customers design and requirement.

Manufacturers of Heavy Customised Components

We manufacture all kinds of customised components upto 4000mm length based on customer design and requirement. We manufacture components such as piston rods, hydraulic rams, hard chrome plated rods etc.

Production Jobs

We also undertake all kinds of production jobs for CNC Machining, Grinding, and Hard Chrome Plating for business which need these services in a very cost-effective and timely manner

Why Us

Specialized Quality Control

Superior Industrial Engineering knows the importance of quality of the products and services being used at industrial level. In order to maintain our commitment of quality with our clients, we have special processes implemented within our operational activities that help us achieve quality control for our services and also maintain test reports against all the steps of manufacturing and mechanical services being provided by our company. This level of quality inspection makes us unique and one of the best choice if you need the best level of services delivered to you in the most advanced way.

Customized Services

Superior Industrial Engineering is dedicated to provide world-class quality services. Our committed and efficient mechanical and industrial services department can help you with a wide range of mechanical solutions which could be customized as per your need. As one of the leading service providers in engineering business our company offers important benefits in terms of quality and good customer service.

Technological Advancements

Continuous improvement and remaining unique in our business are core priorities for us. Having worked in this industry for over 25 years our founders have continuously focused on improving the equipment and keep on updating our facilities to the most advanced level in technology. We are committed to include innovation and service improvement to increase our service quality and improve our engineering and industrial services process to best serve our client needs.

Rich Expertise

Superior Industrial Services has the most qualified and experienced workers in the country. We are also among few mechanical service providers which have been in this business for more than 25 years. Over the years we have gained rich experience, and have always focused in passing on this expertise for the benefit of our clients and provide them with best world-class services.

Valuable Customers

Our valuable customers are

- Karunya Heavy Engineering, Kakkalur.
- Toshiba Machine, Chemberambakkam
- Larsen & Toubro Rubber Machinery, Kanchipuram etc..
