



S.R. ENTERPRISES

SPECIALIZED IN SPECIAL PURPOSE MACHINE MANUFACTURER
SINCE 1982



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<https://www.indiamart.com/sre-nterprise-chennai/profile.html>

ABOUT US

Established in the year 1982, **S.R. Enterprises** is one of the highly acclaimed machine manufacturers of **Special Purpose Machines Swaging Machines , Straightening Machines, Component Levelling Machines , Hydraulic Decoiler, Component Missing Vision System, Centrifugal Hoppers and Inspection Equipments** for a variety of industry applications. All of our machines are highly qualitative and ergonomically designed with the needs of our clients. In the course of serving our clients, Through our technical and conceptual system integration experience, S.R. Enterprises strives to be the best in manufacturing machines and service provider and also solve the myriad problems of the industrial sector. Our machines and equipment are widely acknowledged for their user friendliness.

Supported by a sprawling infrastructure, we manufacture machines such as **Chain Assembly Machines , Chain Block Builder Machines ,Chain Sizing and Riveting Machines , Chain RCC Preloading Machines , Chain End Joining Machines , Chain Pitch Cutting Machines and Chain Length Measuring Machines for the cycle & chain manufacturers** and different industries such as electrical, electronics and automobile. Our machines are fabricated using quality components and are also tested on relevant quality parameters. The objective is to offer machines and equipment that are at par with the high international standards. Also, our team of quality experts closely monitors the fabrication process to ensure that the final range is flawless and free of technical defects.



OUR TEAM

Automated Machine Manufacturing is one of our primary capabilities, and we are one of the most trusted Machinery manufacturer. We have empowered our clients to run their machines Confidently and Profitable. Our team comprises over 20+ vastly experienced and well qualified professionals who are veterans in the their respective fields. These experts have profound knowledge, requisite perseverance and ample skill to take up rigorous challenges to give you solutions to all your requirements. We Deliver optimum quality Machineries. We just don't manufacture machines but also provide complete solutions for your requirement. We are committed to every project and give 100% client satisfaction. Over 600+ Machines Manufactured by S.R. ENTERPRISES are running flawlessly all over the world.

The organization was founded by the dynamic duo of **V. Shanmugam** and **S. Vijayaraghavan**. The founders have rich industry experience and an eye for technological innovation. They are well supported by a team of adept professionals, which has a vision for the future and a desire to succeed.



S VIJAYARAGHAVAN
CEO & Founder



VISION

Propelling towards becoming the leading choice. Forming strong bonds with our clients and understanding their needs, to maintain the brand of excellence it has developed over 4 Decades with its suppliers, employees, and community. Encourages free flowing ideas and creative thinking, while nurturing an innovative culture throughout the organization.

MISSION

We strive to provide the best products and services by developing agile and resilient hyper intelligent automation solutions that deliver timely with high quality. Our customized solutions are tailored and we provide customized turn-key solutions, with value-added service . We also provide flexible solutions along with exceptional service and support to ensure every client is 100% satisfied.

OUR PRODUCTS

Component Levelling machine

Leveling technology is S.R. Enterprises core area of expertise. With almost Four decades of experience, we supply reliable and precise levelers, feed leveling machines, and camber leveling units which ensure a high level of efficiency and productivity for your sheet metal processes. Our specialists provide detailed advice so you can invest in the right machine for your needs.

On request, we can level your sheets or part blanks for you and carry out leveling trials at the S.R. Enterprises, which features Peak Performer part leveling machines.



Component Levelling Specifications

Automation Grade – Automatic

Capacity –

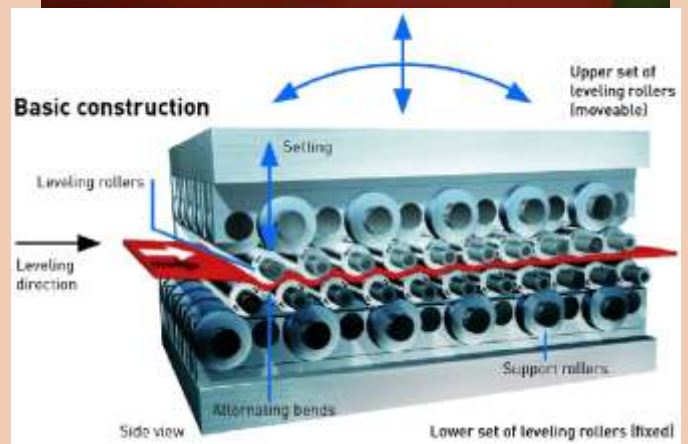
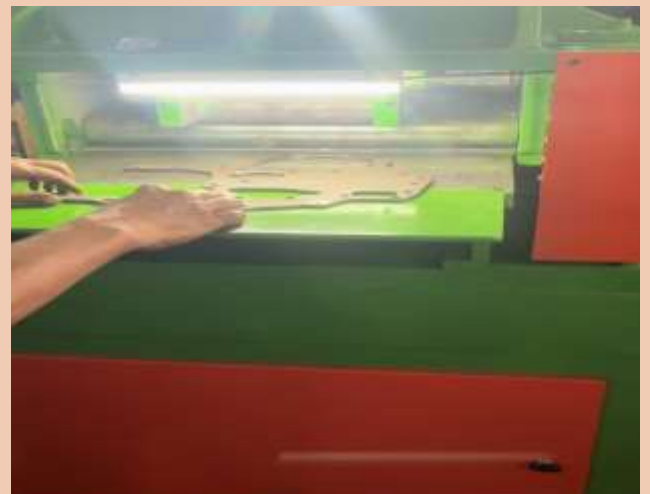
Thickness -upto 10mm

Width- upto 600mm

Rollers- upto 21 (Hard Chrome Plated)

Body Material – Mild Steel

Suitable for – Automobile Industry



DECOILER

A Material handling machine located at the beginning of a production line . Decoiler used to hold and safely pay off or uncoil the steel strip . Coiler controls the speed and direction of the strip of metal and is sent to the line of processing , such as slitting or tube mill entry also roll forming entry. Decoiler is the action of unwinding a parent coil , making it flat and cutting it into sheets. We manufacture all kind of decoiler types such as -

- Automatic sheet Uncoiler machine
- Automatic motorized uncoiler
- Automatic Decoiling Machine
- Automatic Uncoiler Machine
- Double head Mechanical Decoilers
- Horizontal mechanical Uncoilers
- Motorized Mechanical Decoilers



DECOILER Specification-

Capacity

Coil Width – upto 600 mm

Coil Outer Diameter – upto 1700mm

Coil Inner Diameter –508mm +/-30mm

Speed- 15 Meters/min



Straightening Machine

Straightening technology is S.R. Enterprises core area of expertise. With almost Four decades of experience, we supply reliable and precise Straighteners, feed leveling machines, and camber leveling units which ensure a high level of efficiency and productivity for your sheet metal processes. Our specialists provide detailed advice so you can invest in the right machine for your needs. On request, we can level your sheets or part blanks for you and carry out leveling trials at the S.R. Enterprises, which features Peak Performer part Straightening machines.



Straightening Machine Specifications-

Rollers- 11 Nos.
Strip Thickness- upto 10mm
Strip Width- upto 6 mm
Speed- 15meters/min
Individual Roller Adjustment



Hydraulic Chopper

Sheet Metal Cutting is an important process in many industry segments. We manufacture Auto-Feed Hydraulic Cutting machines. Hydraulic cutters utilize a hydraulic mechanism to close the scissors' hardened steel blades. The Hydraulic Chopping machine works with the help of a hydraulic double-acting cylinder. The piston is connected to the moving cutting tool. The cutter is a pair of hydraulically powered shears that is designed to cut through metal. Sometimes specified as to their capacity to cut a solid steel bar, these are most commonly used to cut through sheet metal. Oil under high pressure is pumped to the movement mechanism to deliver enough power to cut even the hardest material.



Hydraulic Chopper Specifications-

Hydraulic Powerpack – Upto 30 Ton

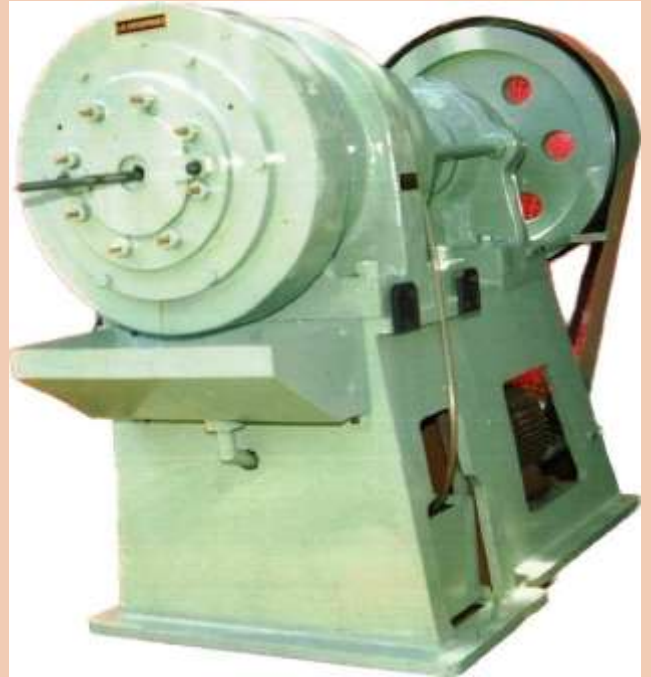
PLC Electrical Control

Width – 600mm

Thickness- upto 5mm

Swaging Machine

Rotary Swaging Machine is used for a special application of forging, by making hammer blows in quick succession the metal get formed on to the desired shape. This method has been widely recognised as one of the most economical way of forming. Rotary Swaging is widely used for the process which involves perfect circular forming of either tubes or solids. Since swaging forms the metal by displacing in to the desired shape there is a rare chance of scrap of the material. This is an advantage which hardly offered by any other process. After the swaging process the final product has a better grain structure, improved tensile strength and fine surface finish. The process is perfectly suitable with most of the design requirements.



Swaging Machine Specifications

Maximum Diameter – upto 40mm
Maximum Tube wall Thickness – upto 3mm
Maximum Swaging Length – upto 350mm
1Set of Die as per Requirement
Main Motor – 15HP
Oil Pump – 0.5 HP



Mandrel Straightening Machine

Mandrel Straightening Machine recycles bent or bowed mandrels through an automated straightening process. The Mandrel Straightening Machine has been configured for use with bare and coated stainless steel mandrels of various diameters and lengths with no need for tooling change. The Mandrel Straightening Machine features the PLC control system allows for easy recipe setup, product change over, and precise control of the straightening process. Mechanical setup of the Mandrel Straightening Machine is recipe driven and automatically configured based on process parameters for any given mandrel diameter.

Mandel Straightening Machine Images



Centrifugal Hoppers

S.R Enterprises has developed a range of high quality feeders for efficient feeding of products with complex shapes. Our centrifugal feeders are highly claimed for their ability to feed and orient parts at high rates that cannot be matched by other types of parts feeders. When the requirement arises for very high speed orientation and feeding of parts, then the only alternative is to go for a Rotary or Centrifugal Hopper . Hoppers are perfect for parts that are relatively small and easily oriented. Parts are brought out of the drum on the linear tooling, which also hold parts in back-pressure to serve as a buffer. These Hoppers can help achieve speeds of upto 50 meters per minute



Centrifugal Hoppers Specifications

Worm Reduction Gear Motor
Variable Frequency Drive Unit



Recoiler Machine

Recoiling Machine was designed to recoil the sheet for ease of handling and smooth running of the machine. We can develop different models according to the load. S.R Enterprises has developed a range of high quality Recoilers. These Recoiler machine are mechanized to match the speed of the press



Recoiler Machine Specifications

Worm Reduction Gear Motor
Variable Frequency Drive Unit with Lub Arm






SPECIAL SERVICE SUPPORT

Every successful project or plan requires careful study of all possible phases from the operations, engineering till the information management, therefore, S.R. Enterprises estimation team will work with you to determine your exact engineering requirements in terms of process Design control strategies and business system integration to ensure you the best return on investment. Once the study is completed , you will receive the full report that outlines the findings, conclusions and recommendations.



ANALYSIS & DESIGN

In order to thoroughly comprehend the client's needs and problems, S.R. Enterprises puts itself in their shoes. We assess project Viability and provide the best solution to suit both new requirements and future modernization or revamping.



OUR VALUABLE CLIENTS





List of In-House Tool Room Machines

- Planning machine
- Planomilling machine
- Arc welding machine
- Inverter welding
- Pillar Drilling Machine
- Radial Drilling Machine
- Cylindrical Grinding Machine
- 4 Ft Lathe
- Lathe
- Shaping Machine
- Vertical Milling Machine
- Surface Grinding Machine
- MITR Milling Machine
- Jig Boring Machine WMW Germany
- Jig Boring Machine Japan
- Hand Drilling Machine
- Angle Grinding Machine
- Portable Straight Grinding Machine
- Die Grinding Machine
- Tube Swaging Machine
- Bandsaw Cutting Machine
- 25KW Powarica Gen Set

CERTIFICATE OF REGISTRATION

*This is to certify that the
Quality Management System of*

S R ENTERPRISES

SP 31, 3rd Main Road, Ambattur Industrial Estate, Ambattur, Chennai,
Tamil Nadu-600058, India

*has been assessed and approved
in accordance with the guidelines of*

ISO 9001:2015

for the following areas

**Design & Manufacture of Special Purpose Machines & Related Spares.
Manufacture of Machined Components for Automobiles Applications**

**Certified Location: SP 31, 3rd Main Road, Ambattur Industrial Estate, Ambattur,
Chennai, Tamil Nadu-600058, India**

Validity of this certificate can be verified at www.bmscert.org



Director



Director

Initial Registration Date: July 19, 2022

Date of Certificate: July 19, 2022

Valid Upto: July 18, 2023

Recertification Due: July 18, 2025

Q- 220719003

Certificate No.

