SURYA MFR.
TUBE MILLS



SURYA ELECTRIC

SURYA MFR. TUBE MILLS

"EMPOWERING TUBULAR INDIA
WITH POWER OF
STEEL"

Company Profile



S B SHARMA (CMD)

Surya Electric **(Surya Mfr. Tube Mills)** is India's leading manufacturing company in the pipe and tube production for mills and other applications.We use top quality materials for manufacturing depending upon the product and its application like Stainless steel and Carbon steel. We have been providing manufacturing and installation services to our customers proudly since 1993. Our head office is in Gohana Road Sonepat DELHI-NCR, Branch Mandi Gobindgarh (Punjab), India and spreading over one acar of land facilitating all the manufacturing and management processes.Our customers are our top priority and we are genuinely committed to fulfill their needs with outmost quality and within minimum time. We provide services like machine design and process control, machine installation and pipe & tube manufacturing. We also provide maintenance support to our customer.

Management

- S.B Sharma (CMD): Laid the foundation of Surya Electric and having more than 30 years of industry experience.
- Vishal Sharma (DIRECTOR): He is an Electrical and Mechanical engineer with sound technical and management skills.
- Himanshu Sharma (DIRECTOR): He is an Electrical and Mechanical engineer with sound technical and management skills.

A team of highly skilled and qualified engineers helping our customers along with us to fulfil their demands without compromising with quality standards and dead line given by clients.

Quality

Surya Electric is ISO 9001:2015 certified and we take the quality of our machines and operations very seriously. Each process is held to the highest standard of quality to assure the smooth and safe execution for which we are known to. Our Goal is to achieve long term reliability of our equipment in the field and impeccable performance in support of our customer and their products.

ISO 9001:2015

Certificate no. IN113397A

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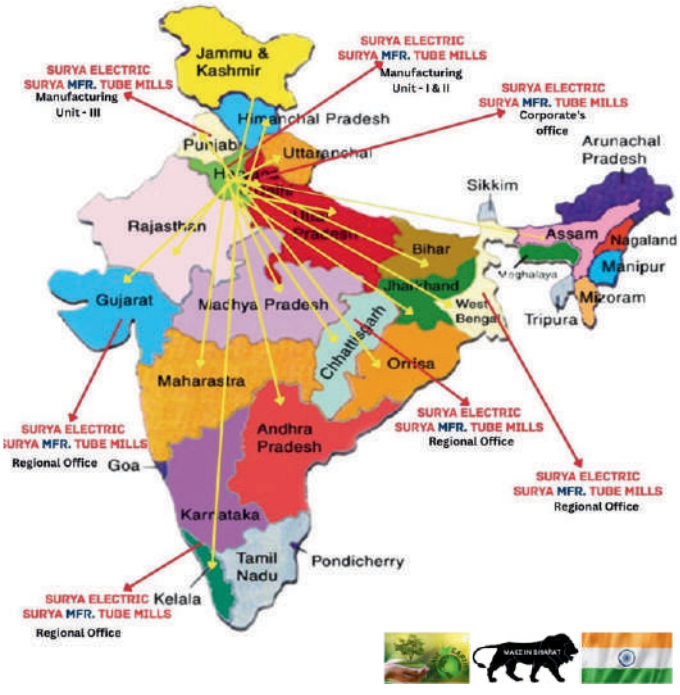
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Our Product Range

- ERW TUBE MILL
- API TUBE MILL
- PTM TUBE MILL
- DFT TUBE MILL
- S S TUBE MILL
- NON FERROUS TUBE MILL
- SPACER TUBE MILL
- SLITTING LINE
- CUT TO LENGTH (CTL)
- COLD SAW PIPE CUTTING MACHINE
- LASER PIPE CUTTING MACHINE
- HF WELDER HIGH (FRQ)
- ANNEALING DEVICE MEDIUM (FRQ)
- ROLL SETS
- AC/DC DRIVE
- POWER FACTOR PANEL
- DISTRIBUTION PANEL
- ROLL FORMING MACHINE
- PURLINE, W BEAM, THRIVE BEAM MACHINE
- AUTO BUNDDLING
- PRESS MACHINE FOR HIGHMAST
- HYDRO TESTER
- TUBE AUTO THREADING
- BLADE RE-SHARPNING MACHINE



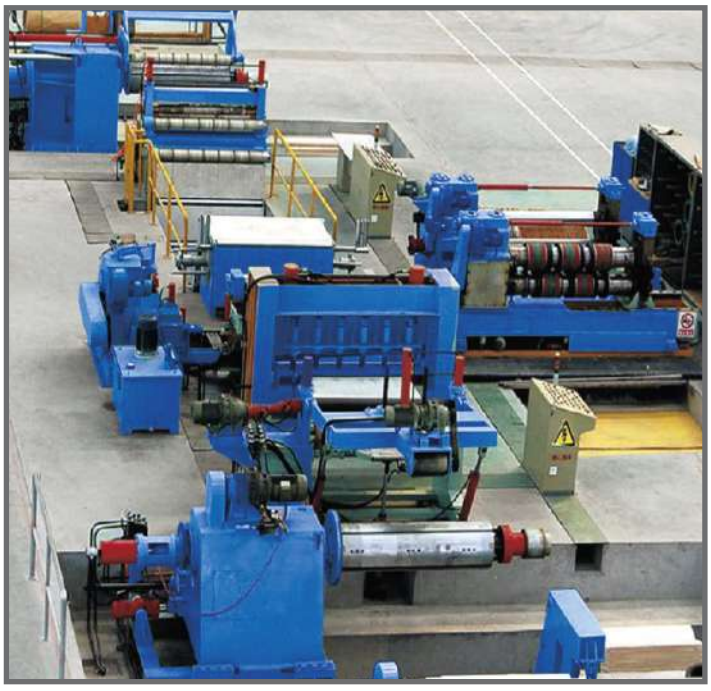


ERW TUBE MILLS



Surya's ERW (Electric Resistance Welded) Tube Mill is engineered for high-precision pipe and tube manufacturing, offering robust performance, advanced automation, and superior output quality. Designed to meet global standards, our ERW Tube Mills ensure seamless forming, accurate welding, and efficient production for round, square, and rectangular tubes. With customizable configurations, minimal maintenance, and energy-efficient operations, Surya's tube mills are ideal for infrastructure, automotive, construction, and general engineering industries setting new benchmarks in productivity and reliability.

SLITTING LINES







Surya's Slitting Line Machine is a state-of-the-art solution designed to meet the evolving demands of modern coil processing industries. Engineered with precision and built for durability, this machine is capable of handling a wide range of material types including HR, CR, stainless steel, galvanized, and other metal coils. The slitting line is developed with advanced servo-controlled automation and high-torque drive systems, ensuring accurate strip cutting, high-speed performance, and minimal operator intervention.Equipped with heavy-duty uncoilers, precision slitter heads, tensioning units, and automatic recoilers, the system is designed for smooth coil feeding, clean edge slitting, and perfect rewinding of strips. Its high-speed operation combined with superior edge accuracy helps reduce material waste, improve output quality, and ensure cost-effectiveness for the end-user. The design also incorporates quick tooling changes and an intuitive control interface, making it efficient for short-run jobs as well as continuous production lines.

CUT TO LENGTH LINE



Surya's Cut to Length Machine is a high-performance coil processing system engineered for precision, speed, and durability. Designed to uncoil, level, and shear metal coils into flat sheets of desired lengths, this machine is ideal for a wide range of materials including mild steel, stainless steel, aluminum, and galvanized coils.

Built with advanced servo controls and heavy-duty construction, Surya's CTL machine ensures perfect sheet length accuracy, clean cuts, and smooth sheet stacking. The system includes a robust uncoiler, precision leveler, hydraulic shear, and automatic stacking unit, all synchronized for seamless operation. Its user-friendly interface and fast setup capability make it suitable for both small batches and high-volume production.

Widely used in the automotive, fabrication, construction, and appliance industries, Surya's Cut to Length Line is a reliable solution that enhances productivity, minimizes material wastage, and delivers consistent sheet quality with every cut.

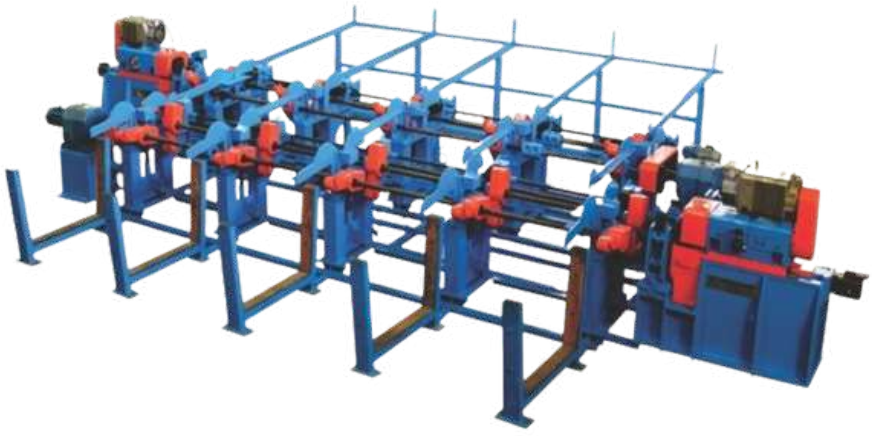
TUBE HYDROTESTING MACHINE



Surya's Tube Hydrotesting Machine is engineered to ensure the strength and integrity of tubes and pipes under high-pressure conditions. Designed with precision and safety in mind, it performs automatic leak detection and pressure testing, ensuring each tube meets industry quality standards before dispatch.

TUBE AUTO THREADING MACHINE

Surya's Tube Auto Threading Machine offers high-speed, accurate threading for various pipe sizes with minimal operator intervention. Built for precision and durability, it enhances production efficiency, ensures consistent thread quality, and supports both BSPT and NPT threading standards.



TUBE STRAIGHTENING MACHINE



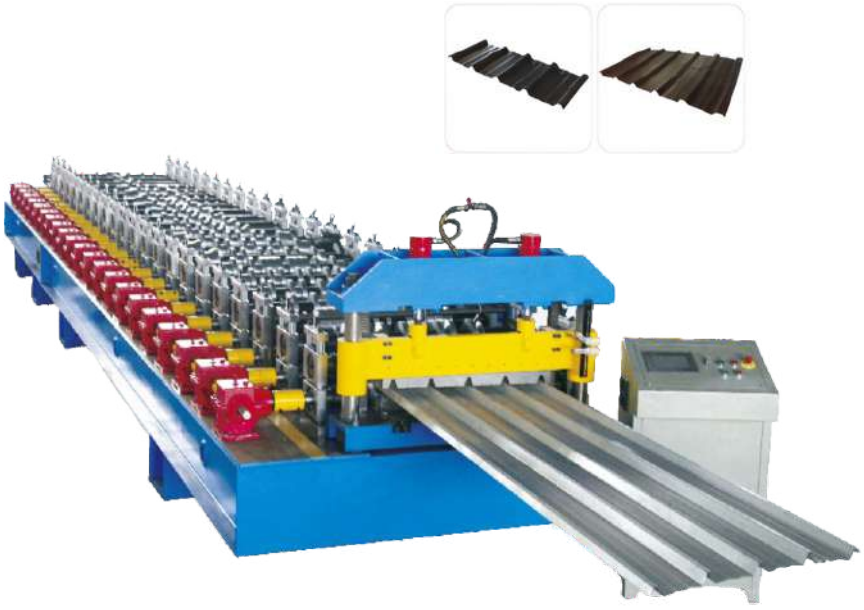
Surya's Tube Straightening Machine is engineered for precise alignment of tubes and pipes, ensuring smooth, uniform surfaces for further processing. Designed with robust rollers and adjustable settings, it delivers superior straightening accuracy across various tube diameters and materials. Ideal for enhancing the quality and performance of your final product.

W BEAM & THRIE BEAM OPEN FORMING MACHINE

Surya's W Beam and Thrie Beam Open Forming Machine is engineered to deliver precision roll forming for highway safety barrier components. This robust machine is capable of forming high-quality W-beam and thrie-beam guardrails used extensively in road safety systems. With a modular design and durable structure, it ensures accurate profile shaping, uniform thickness, and high production efficiency.



ROOF PANEL ROLL FORMING MACHINE



Surya's Roof Panel Roll Forming Machine is designed for high efficiency and precision in manufacturing durable roofing panels. Equipped with advanced forming technology, this machine produces consistent, high-quality panels suitable for various roofing applications. Its robust construction ensures long-lasting performance with minimal maintenance. The machine offers easy operation, quick setup, and customizable profiles to meet diverse client requirements. Ideal for industries focused on construction and metal roofing solutions, Surya's Roof Panel Roll Forming Machine guarantees superior strength, accuracy, and productivity.

ROLLING SHUTTER DOOR ROLL FORMING MACHINE

Surya's Rolling Shutter Door Roll Forming Machine is engineered to produce high-quality, durable rolling shutter doors with precision and efficiency. Designed with advanced technology, this machine ensures consistent panel thickness, smooth operation, and superior strength. Its robust build guarantees long-term reliability, while the user-friendly interface allows easy setup and quick profile changes. Ideal for industrial, commercial, and residential applications, Surya's machine offers customizable shutter designs to meet varied customer requirements. With energy-efficient operation and low maintenance needs, it is the perfect solution for manufacturers aiming for excellence in rolling shutter door production.

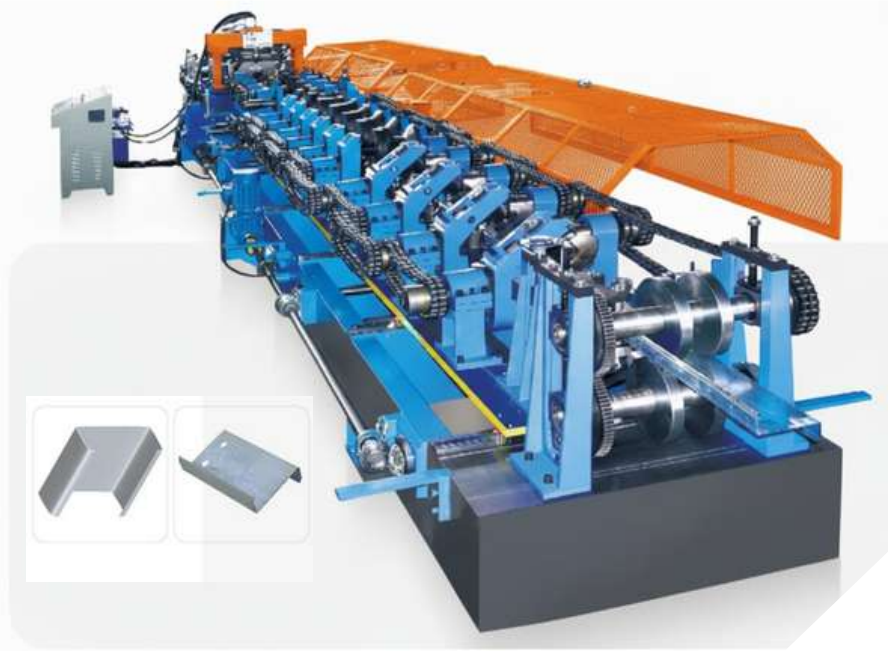








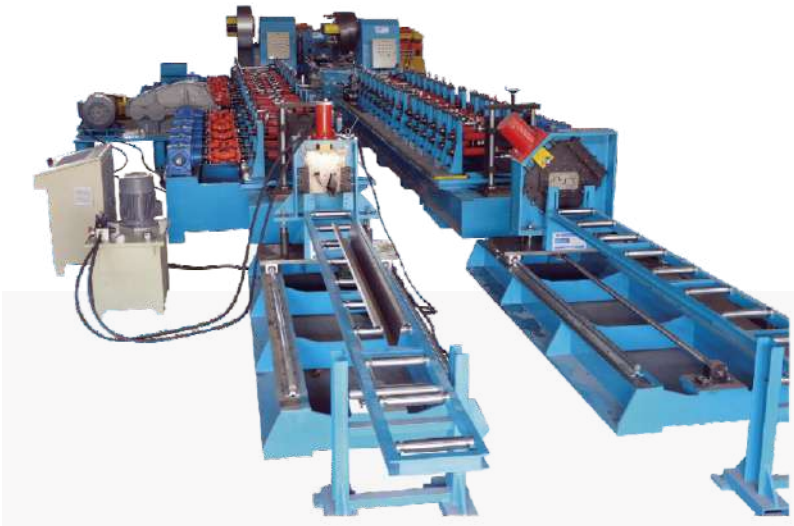
C / Z PURLIN ROLL FORMING MACHINE



Surya's C/Z Purlin Roll Forming Machine is designed to manufacture high-strength C and Z-shaped purlins used in steel building structures. Equipped with advanced roll forming technology, this machine delivers precise, consistent profiles with excellent dimensional accuracy and smooth edges. Its robust construction ensures durability and long-lasting performance, while the automatic feeding and cutting system enhances productivity and reduces material waste. Suitable for a wide range of purlin sizes and thicknesses, Surya's machine offers flexible customization to meet diverse project requirements.

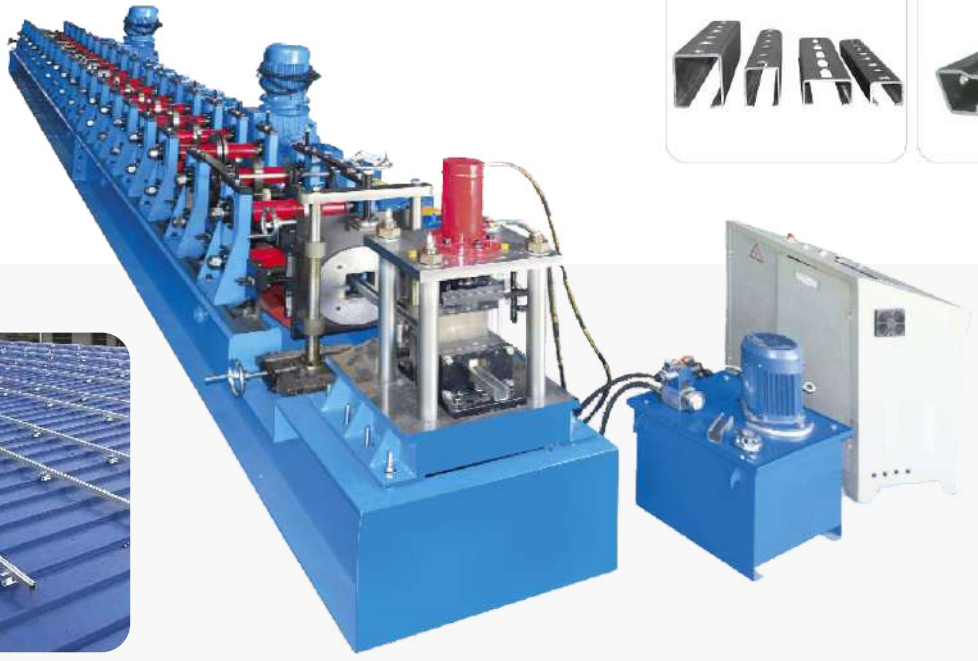
HAT PURLIN ROLL FORMING MACHINE

Surya's Hat Purlin Roll Forming Machine is engineered to produce high-quality hat-shaped purlins used extensively in roofing, solar and wall cladding applications. This machine offers precise roll forming with excellent dimensional accuracy, ensuring strong and uniform profiles that enhance structural stability. Built with a robust frame and advanced automation, it guarantees smooth operation, high efficiency, and minimal material wastage. The system includes automatic feeding, punching, and cutting units, allowing seamless production of various sizes and thicknesses according to client specifications. Ideal for industrial and commercial construction projects, Surya's Hat Purlin Roll Forming Machine combines reliability, durability, and versatility to meet evolving market demands.





SOLAR MOUNTING FRAME ROLL FORMING MACHINE

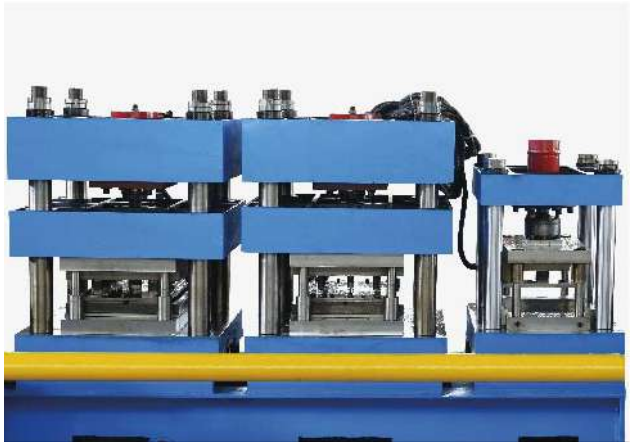






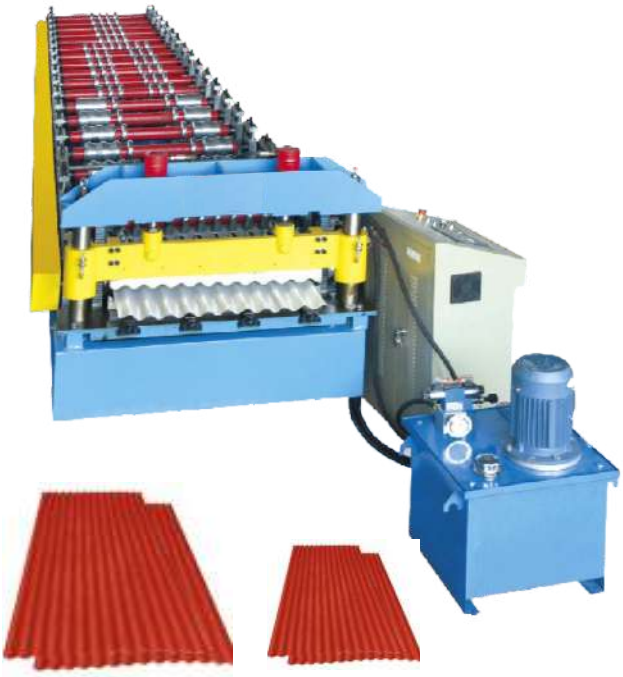
Surya's Solar Mounting Frame Roll Forming Machine is specially designed to manufacture high-precision solar panel mounting structures used in solar energy installations. Built with advanced roll forming technology, this machine ensures excellent structural strength, corrosion resistance, and dimensional accuracy of profiles required for reliable solar mounting systems.
Equipped with automated feeding, punching, and cutting systems, the machine delivers continuous, high-speed production with minimal waste. It supports the formation of various channel profiles (like C, U, and Z) used in solar racking, customized as per project needs. The robust design, user-friendly interface, and precision tooling make it ideal for manufacturers seeking consistency, efficiency, and long-term performance.

HYDRAULIC PUNCHING MACHINE



Surya's Hydraulic Punching Machine is a high-performance solution designed for precise and efficient hole punching in metal sheets, tubes, and structural profiles. Built with robust construction and advanced hydraulic systems, this machine ensures consistent punching force, high-speed operation, and long-lasting reliability.

CORRUGATED ROLL FORMING MACHINE



Surya's Corrugated Roll Forming Machine is specially engineered to produce high-quality corrugated roofing and cladding sheets used in industrial, commercial, and residential applications. Built with precision and durability in mind, this machine ensures uniform corrugation with excellent structural strength and aesthetic finish.Equipped with advanced forming rollers, automated control systems, and robust frame design, the machine delivers high-speed production with minimal maintenance. Its user-friendly interface allows quick setup changes and consistent sheet dimensions, making it ideal for mass production needs.

CABLE TRAY ROLL FORMING MACHINE







Surya's Cable Tray Roll Forming Machine is designed to manufacture high-precision cable trays used for electrical wiring and cable management systems. Engineered for durability and performance, this machine offers seamless production of various tray sizes and profiles, including perforated and ladder-type trays.

Equipped with high-grade rollers, automated punching, and cutting units, it ensures uniform shaping, clean edges, and fast production rates. The system supports quick profile changeovers and is ideal for both light and heavy-duty tray applications.

DIRECT FORMING TUBE MILL MACHINE (DFT)



Surya's Direct Forming Tube Mill (DFT) Machine represents the next generation of tube manufacturing technology, designed for high-speed, precision, and cost-effective production. Unlike traditional roll forming methods, DFT technology enables direct forming of square and rectangular tubes from coils without the need to form round tubes first. This innovative process reduces material waste, saves energy, and enhances production efficiency.

The DFT line is equipped with advanced forming stands, quick-change tooling systems, automated controls, and high-frequency welding integration, ensuring consistently accurate tube dimensions and superior surface finish. It's ideal for industries requiring structural and mechanical tubes with tight tolerances.



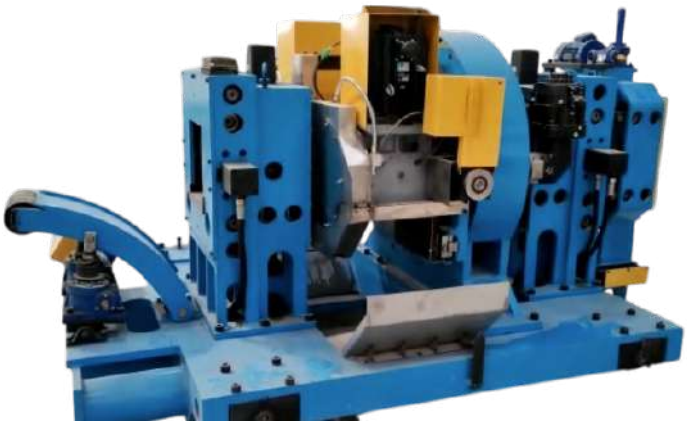
Key Features:

- Direct square & rectangular tube forming without round pre-forming
- Reduced setup time and material handling
- High-speed, energy-efficient operation
- Precision forming stands with minimal tool change
- Compatible with automated bundling and cutting systems

Surya's DFT Tube Mill is the perfect solution for modern tube producers aiming to increase productivity while maintaining top quality and flexibility.

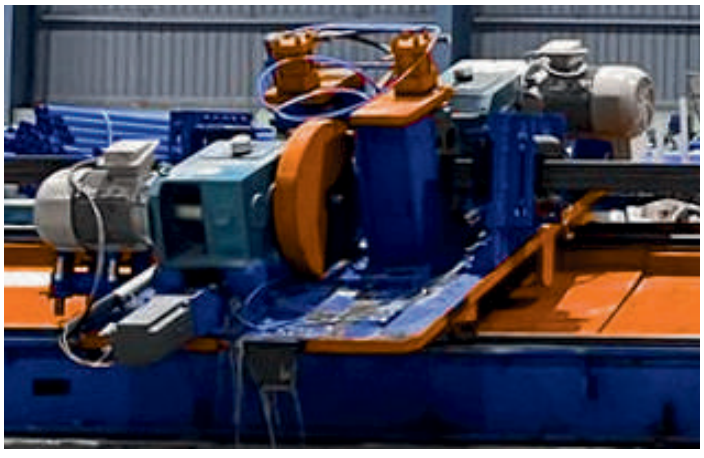
ORBITAL COLD SAW

Surya's Orbital Cold Saw is a high-performance pipe cutting solution designed for precision, speed, and clean cuts without burrs or deformation. Engineered for use in tube mills and production lines, the orbital cold saw operates by rotating the blade around the pipe circumference while maintaining a synchronized feed, ensuring smooth and accurate cutting at high speeds.



Ideal for cutting steel, stainless steel, and non-ferrous tubes, this machine ensures a square, high-quality finish with minimal heat-affected zones, making it suitable for post-processing operations like threading or welding.

SINGLE AXIS DUAL CUTTER COLD SAW



Surya's Single Axis Dual Cutter Cold Saw is a robust and efficient cutting solution engineered for high-speed, precise cutting of tubes and pipes in continuous production lines. Equipped with two synchronized circular saw blades operating on a single axis, this machine ensures faster cycle times and reduced material stress during cutting.Designed for both ferrous and non-ferrous materials, it delivers clean, burr-free cuts with excellent perpendicularity, making it ideal for high-precision applications. The dual cutter mechanism enhances productivity by allowing continuous operation without compromising on cut quality.

SINGLE AXIS SINGLE CUTTER COLD SAW

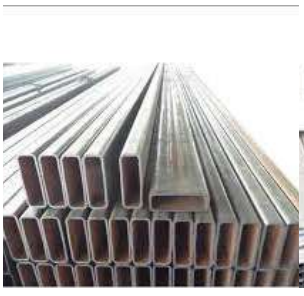
Surya's Single Axis Single Cutter Cold Saw is a high-precision cutting machine designed for seamless and efficient pipe and tube cutting. Engineered with a single-axis movement and a robust circular blade, this machine ensures clean, accurate, and burr-free cuts, even at high speeds.








SOLAR TORQUE TUBE'S



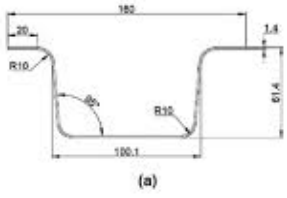


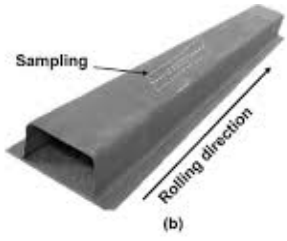

COMMERCIAL TUBES






DOOR FRAME & OTHER SPECIAL SECTIONS

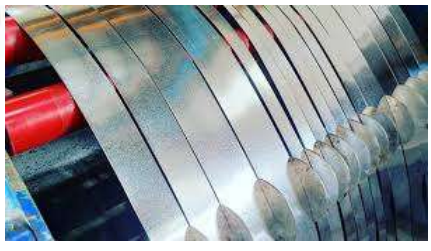








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INNOVATION PATHWAY



At Surya, our future vision is driven by innovation, sustainability, and global excellence. We aim to lead the metal forming and tube mill industry by adopting cutting-edge technologies, expanding our automation capabilities, and delivering smart manufacturing solutions. Our focus is on creating eco-friendly, energy-efficient machinery that meets international standards while ensuring maximum productivity for our clients.

We envision Surya as a one-stop global solution provider offering advanced, customized machinery with unmatched service and support. With continuous investment in R&D and infrastructure, including our state-of-the-art 6-acre plant, we are committed to empowering industries across the world through precision engineering and future-ready manufacturing.

DEVELOPMENT DIRECTION

Surya is committed to pioneering innovation in the tube and pipe machinery industry by adopting smart manufacturing, sustainable practices, and global standards. Our future mission is to continuously evolve with advanced technologies, expand our global footprint, and deliver high-performance solutions that empower industries worldwide. We aim to be a single-window solution provider, combining engineering excellence with customer-centric service for long-term partnerships and industry leadership.





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"know us know Quality"
"Strength in Every Tube"

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