

ULTIMATE **ROLL** FORMING SOLUTION...



Manufacturer of
Roll Forming Lines, Cut To Length Lines
& Slitting Lines



JUPITERTM



ABOUT US

We are reckoned as one of the leading manufacturers of **ROLL FORMING MACHINES** with various profiles as per customer requirement. Catering to the various requirements of the industry from decades we have upgraded our capabilities with a well-equipped manufacturing set up qualified manager's engineers as well as technicians.

We evaluate our manufacturing techniques and our products on a regular basis to ensure quality output to our clients. For this purpose, we have developed a team of experts which is skilled and have in-depth knowledge of the domain that motivates us to complete and manage all our tasks easily while maintaining mutually agreeable relationships with clients and merchants.

We have enhanced our strength by employing a group of talented workforce and establishing persevering faculty that allows us to meeting specific demands of our clients. Our group maintains close connection with the clients to understand their decisions and work accordingly. We keep our group updated with the latest technology and advancements through legitimate instructive course and sessions to our group.

JUPITER was established in 2008 to assembling and manufacturing of machines distinguished by quality, integrity, teamwork and experience. Since our inception, we have witnessed steady and sustainable growth with wide acceptance of products in the market.

We have maintained high quality and precision to deliver state-of-the-art machines in the market. We are backed by complete facilities to ensure on time delivery of machines and prompt after sales service.

We have experience of more than 10 years in manufacturing, supply & installation of roll forming machines ,like metal roof sheet forming machine, crimping machine, C&Z section forming machines, Hat Profile, U channel, C channel, Deck profile, Solar panel, cable tray machine, Highway guard crash barrier, Stud channel machines etc. We have all the necessary infrastructure & facility available to complete the job on time.

We also provide customized solutions as per client specifications that truly help our company to build a strong association with them. We ensure that the cost of our services is less as compared to what our competitors have to offer. We have a huge client base which has been built mainly due to the quality centric services that we offer to our clients



CORE PURPOSE

To provide Solution par Excellence for better tomorrow.

CORE VALUE



**Quality
Oriented**



**Relationship
Forever**



Responsibility

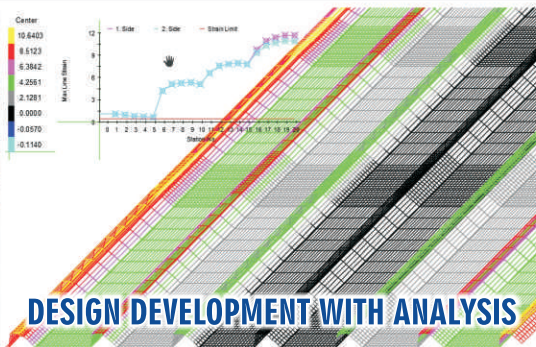


Equality

INFRASTRUCTURE



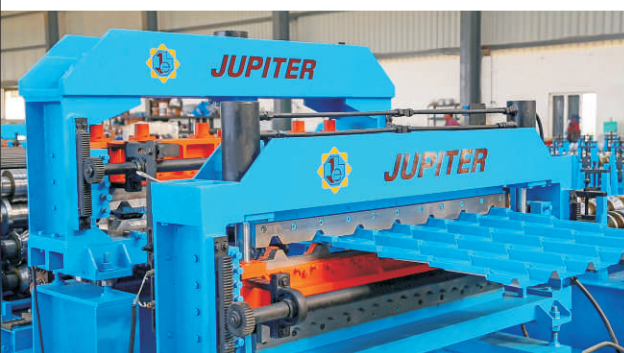
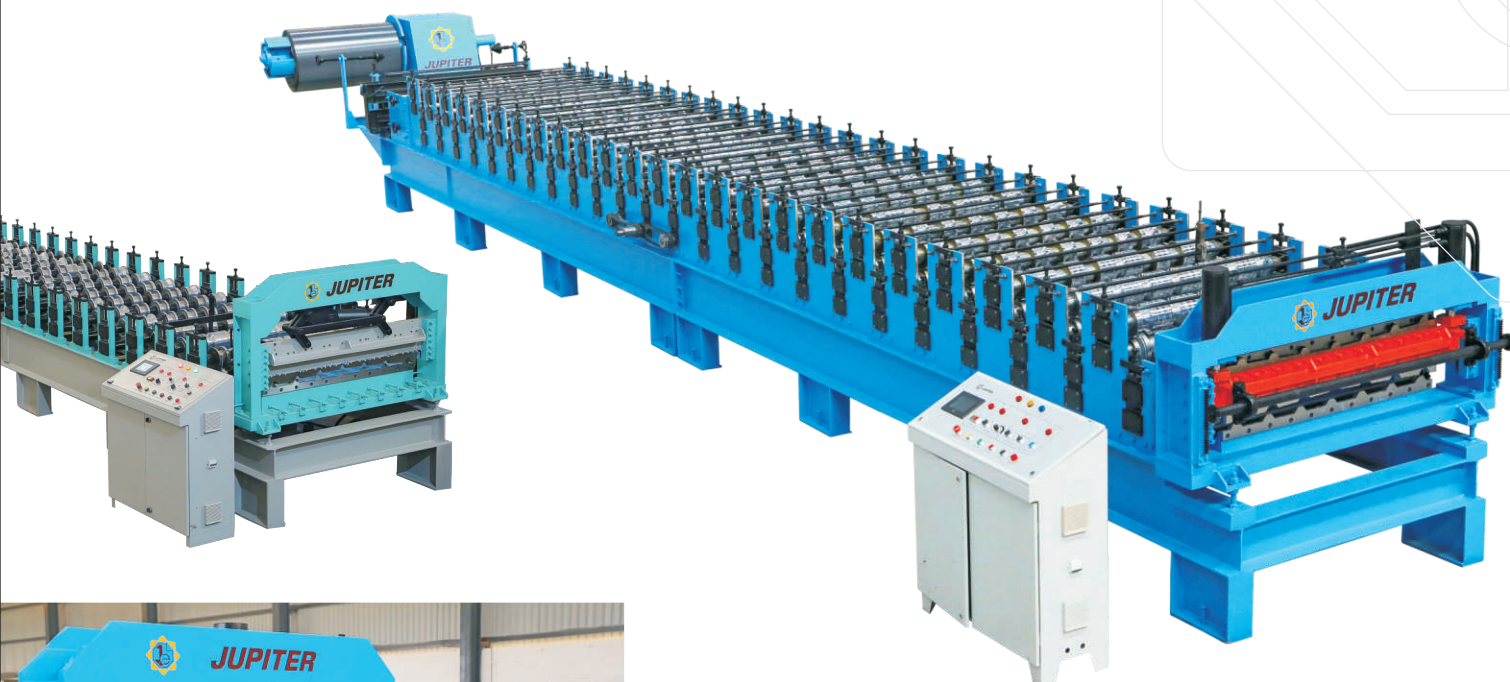
IN HOUSE
FACILITY



IN HOUSE ROLL TOOL MANUFACTURING FACILITY



ROOF SHEET ROLL FORMING MACHINE



Roll forming is continuous bending operation in which a long strip of metal sheet (usually steel coils, like PPGL, PPGL, GI, PPGL, BGL, Aluminum etc.) passes through sets of rolls mounted on consecutive stand each set performing only an incremental part of the bend, until the desired cross-section profile is obtained. Roofing sheet roll forming machine consists of an automatic Decoiler feeding guide, roll forming unit, hydraulic cutter with PLC base control system. We are involved in offering a wide array of color sheet making machine that is manufactured using high grade raw material and the latest technology with the set universal standards. These products are available in various specifications and can be customized as per variegated demands of our prestigious clients. Highest output speeds up to 30-40 meters per minute results in at least 10-15 times higher production. Maximum utilization of your investment practically any shape can be formed with uniform cross sections. Any complicated Shape Profile can be formed on our roll forming. Accuracy and consistency in Shape & dimension can be achieved. Reduced delivery period to meet your production needs quickly. We develop Roll Forming Line & Roll Tooling on our most modern software up graded with our enriched experience and technology. We have in-house CNC & VMC machining centers to produce roll tools with our own quality control and check.



ROOF SHEET CRIMP CURVING & ACCESSORIES MACHINE



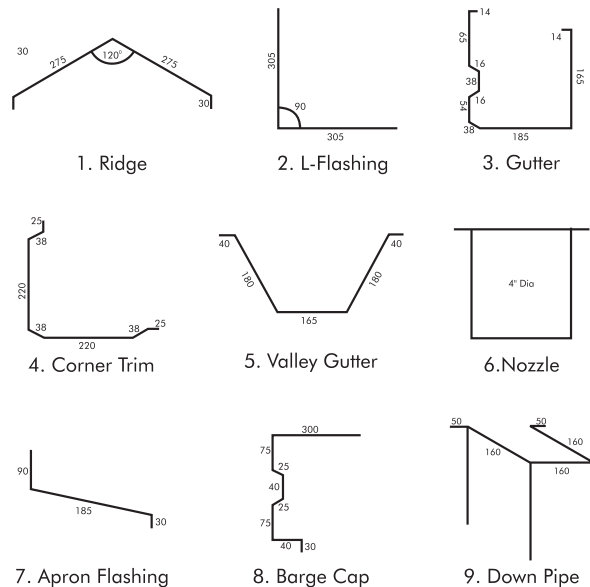
Roof sheet crimp curving machine is able to turn vertically automatically. Pressing system is designed meticulously to create steps which are high tensile and have intact paint.



PRESS BRAKE MACHINE

Hydraulic Press Brakes are designed and developed through years of experience in sheet metal working machineries. Hydraulic press brakes are developed by keeping latest technology in mind. Both cylinders are mounted at back side of press brake and are synchronized for parallelism between ram and table, by providing mechanical links connected with cylinder. The heavy duty steel construction frame is so designed to absorb heavy shocks of overload. All welding edges are properly machined for weld joints. The electric control panel is fixed on side wall at convenient place for easy reach of operator. It includes push button pendant and foot switch. Standard 'V' Block & 'V' Punch and manually operated back gauge system which is front operated are supplied as standard accessories.

ROOFING ACCESSORIES



BABY SLITTING LINE

Baby slitting line is mostly use for converting plain sheet to slitting or slitting with cut to length application.

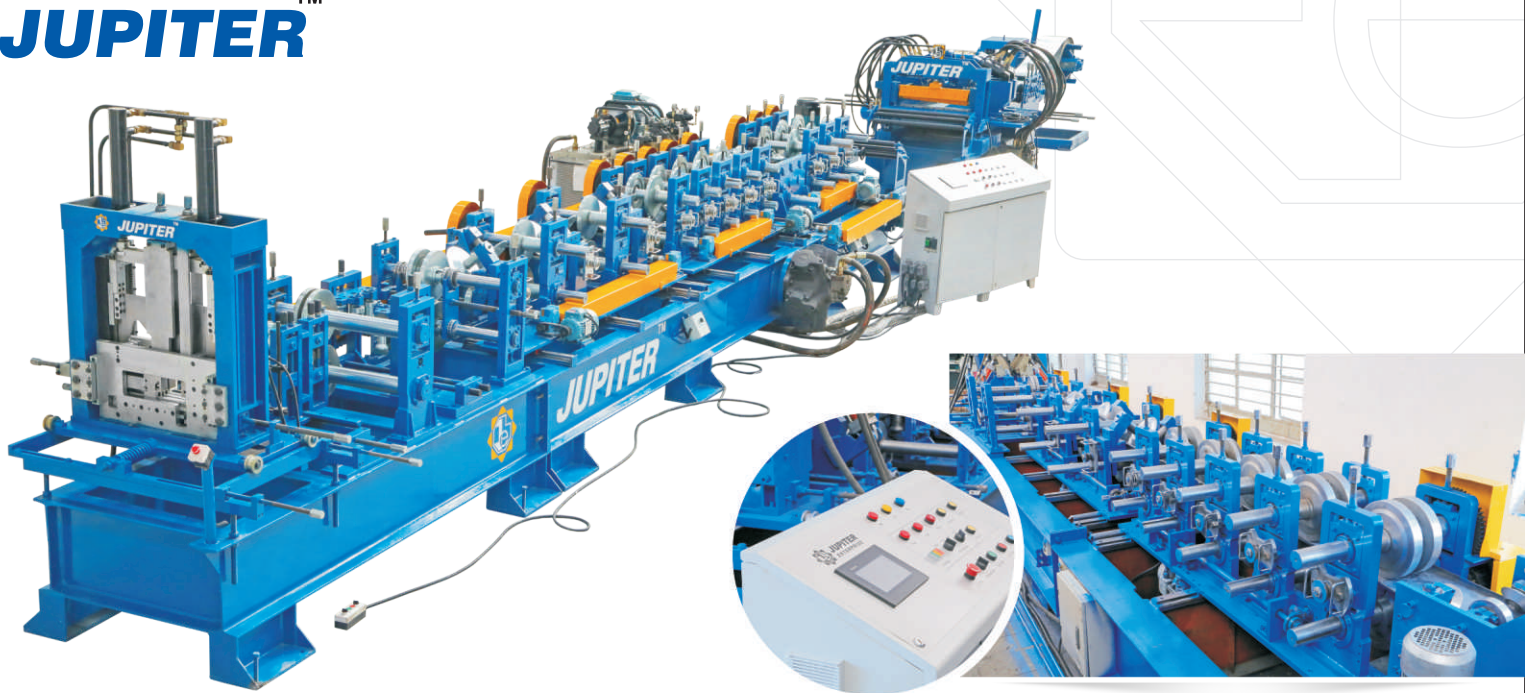
Features:

- Cut to length
- Slitting with Cut To Length
- Recoiling
- Slitting with recoiling





C Z & U SECTION ROLL FORMING MACHINE



The listing roll forming machines are designed for the production of the most commonly used supporting beams for building C shaped steel purlin & Z shaped steel purlins as well as solar panel mounting structure and cable tray. Both C&Z purlin roll forming machine are technically capable to produce 1 to 3 mm steel purlins and sometimes up to 5mm thickness required for special application. Punching holes are available. This C&Z purlin quick-change roll forming machine can produce C shaped steel purlin & Z shaped steel purlins, solar panel, cable tray profiles only by simple steps adjustment without changing rollers. Roll forming machine consist of a decoiler, feeding guide, punching rollers, leveling unit, roll forming unit, hydraulic punching device, hydraulic cutter, hydraulic pump and PLC base control system. Everything could be operated on the PLC control system with touch screen, such as required quantities, required lengths and require holes etc. This interchangeable C/Z purlin roll forming machine could produce both C & Z purlins with difference sizes automatically it takes 10-30 minutes to change the production, there is no need to change cutter for different sizes of C&Z steel purlins & Solar structure purlins because cutter is adjustable as well punching tools are assembled after roll forming and the distance is also adjustable.

STUD CHANNEL ROLL FORMING MACHINE

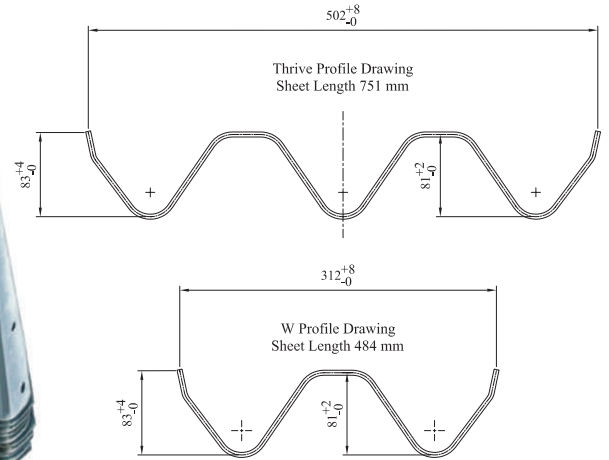
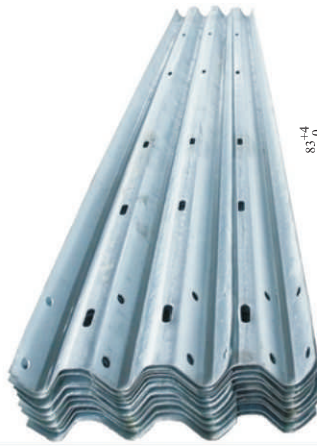


The machine is utilized to mold and type of desired metal in an order to make studs and tracks for wall forming. Nowadays people are heartedly willing to give a novel touch to their newly constructed houses or building or replace old and outdated features with something new and innovative. Using metal stud, Cable tray and track roll forming machine to get your walls framed is certainly much cheaper and cost-effective way. It appears really so in the long run as the life of metal studs and tracks is far longer than the life of timber and wood frames. Air and water also harm it quite badly while steel or any other metal is no way probable of taking any influence from them. That is why it is far better to have steel studs and tracks for both residential and commercial and buildings. This machine is also can be designed for in line punching, punching and cutting in one time. Main motor use AC servo motor with inverter, producing in line speed up to 60 meter per minutes, quick or slow speed can be adjusted freely. After roll forming in line punching cutting continuously Automatic products pilling table is special designed for high speed production

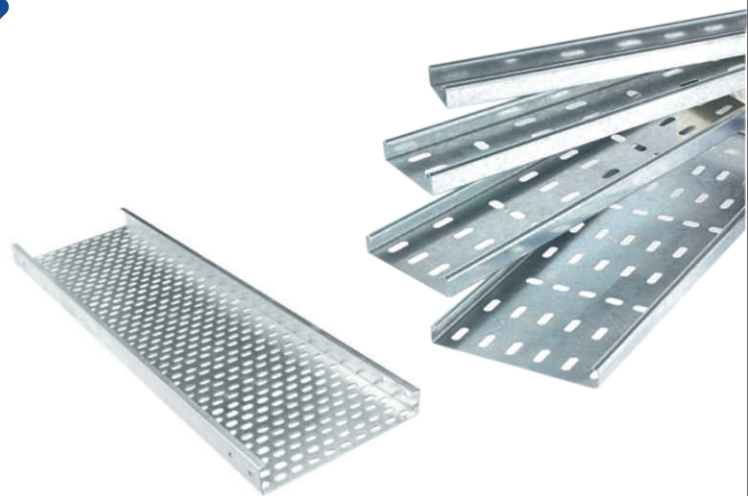
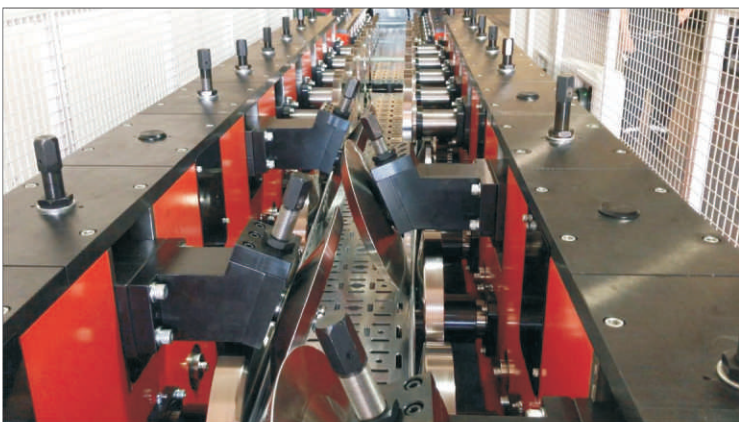
capacity and reduce the production cost, create more profit for the customers. The cable tray & stud and rack profile is widely used in shopping mall & in MNC companies, corporate towers, offices, residents, airports, railway stations, metro stations and other big place. It can divided into tray type and ladder format, network structure, is composed of a bracket, bracket and installation accessories etc.

W & THRIVE BEAM ROLL FORMING MACHINE

The Crash Barrier Roll Forming Machine was designed and built to produce the W shaped beams for crash barriers or highway guardrails from 3.0-4.0mm thickness galvanized steel and the guardrails will be used for the construction of highways and expressway. The shape of the crash barriers or the W beams is generally the same as regular type in the world. The whole roll-forming line is fully automatically running under the PLC control system, including feeding, leveling, punching, roll forming machine and cutting. This machine can produce U section for mounting or support for highway guards.



CABLETRAY ROLL FORMING



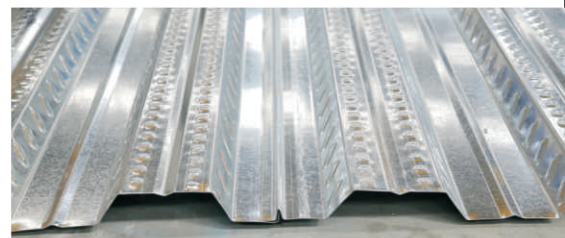
Cable Tray Roll Forming Machine automatically adjusts to produce the cable tray according to client requirement. Machine is controlled by PLC, fully automatic working. It can automatically record the production quantity, automatically measure the length. All the machine working actions can be controlled by PLC base control panel. The Width range is from 250mm to 600mm.

Features:

- Easy operation
- Accurate design
- High efficiency



FLOOR DECK MACHINE

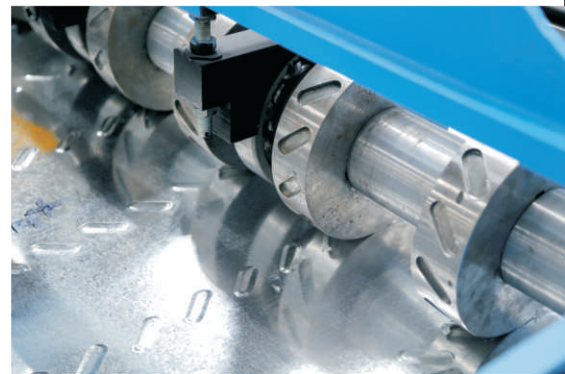


Floor decking roll forming machine is manually used to produce steel floor decking and can produce high quality floor decking has advantages, such as no cutting deformation, high strength and a large working load. It can be directly mixed with the steel mesh and concrete with good adhesion, Applied in High-rise steel building, it can save the steel molding templates, and also reduce the floor load. Under the same capacity, it can reduce the amount of steel to achieve cost-saving.

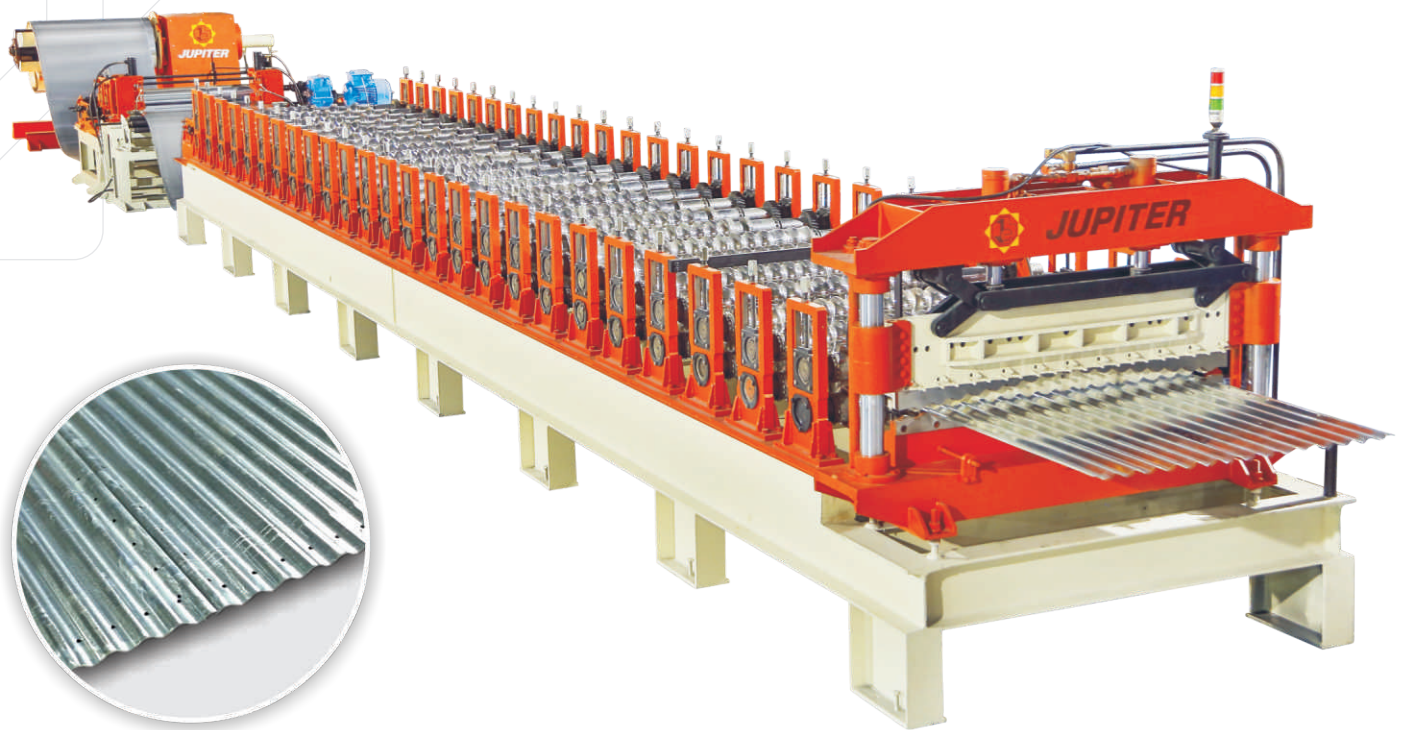
Decking forming machine consists of Uncoiler and its base, coil sheet guiding equipment, roll forming system, post-cutting equipment, hydraulic station, PLC base controlling system, supporter table. The corrugated profile sheet produced by this machine has high strength with big rib, which adheres well to concrete. It's best to be used as the floor of high buildings, and the cost for Construction of floor is low.

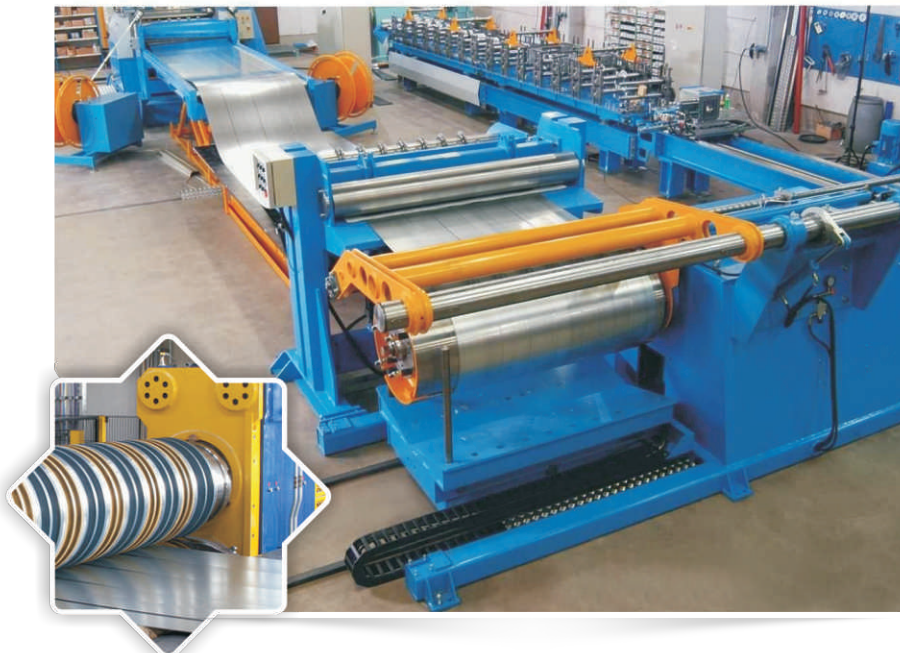
Features:

- High solid forming stand guarantees the stable forming and uniform high quality of final products.
- Able to secure higher productivity since the management of the line is automated by controlling an electronic system.
- Improved cutting method minimizes the tolerance of cutting length.



CORRUGATED METAL CLADDINGS & SILO





This line can be adjusted to do recoiling or dividing work to meet customers' demands. PLC system is used to select the information from every part of the line, centrally controlled. There also has speed self adjusted and keep memory after lost power supply function. So the line has efficient performance.

This line has, easy operation, high level of automation, high productivity which could processing all kinds of CR and HR coil, silicon coil, stainless coil, colored coil, aluminum coil, galvanize coil or painted coil.

This line is composed of coil car, uncoiled, slitter, scrap winder, shearer cutting coil head or tail, tension pad and recoiled, etc. As well as pendulum middle bridge, pinch device, steering device. This line is an auto coil processing equipment which integrates mechanical, electrical, hydraulic, and pneumatic all together. Like car, container, household appliance, packing, construction material, etc.

Our Regular production program for slitting lines includes specially designed lines for

- Cold Rolled Coils
- Hot Rolled Coils
- CRGO/CRNGO Coils
- Stainless Steel Coils

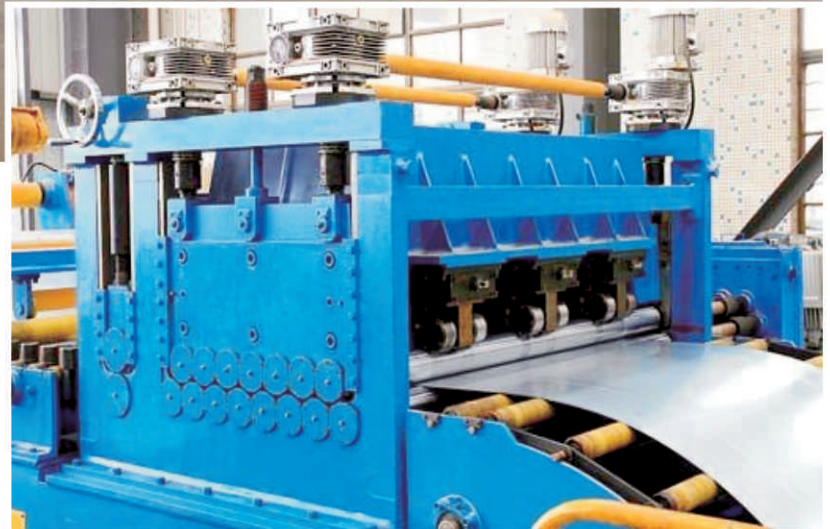
We have wide range of slitting lines to offer.

Slitting Line for Baby Coil

Coil Width	: 500mm to 2000mm
Coil Thickness	: 0.1to up to 8 mm
Coil Weight	: 3 ton to up to 25 ton
Line Speed	: 10 to up to 100 MPM



CUT TO LENGTH LINES

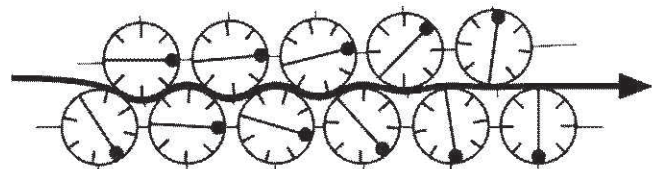


Wider width Lines

Coil Width : 1000mm 1250mm 1650mm
1800mm 2100mm
Coil Thickness : 0.4mm to 3mm (CR Lines)
3mm to 20mm (HR Lines)
Coil Weight : 3ton – 28ton

Material being processed on our designed Cut to Length Line

- Hot Rolled Mild Steel Coils
- Cold Rolled Mild Coils
- Stainless Steel Coils
- Brass/Copper Coils
- CRGO/CRNGO Coils (Miter cutting Lines for transformer industries)



We have design exclusive line to cater customer requirement from various field like Rolling Mills, Steel processing centers, customers who installed line for their own products.

Coil processing Lines are automated with Latest AC Flux Controlled Variable Drivers, AC servo Drivers DC Drivers, PLC & Best quality switch gears. User friendly operator pendant with HMI or Touch Screen are programmed & installed to customize each line requirement.

Various Components are included in Cut To Length Machines like coil car, decoiler, entry support device, width adjustor device ,straightening machine, gauge table, shearing machine, run out table, pneumatic discharge and stacker device, unloading table, pneumatic system, Electrical system with computer PLC program control, Hydraulic system etc.



WE **SUPPORT**



Get in Touch:

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SILICON
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