



**Global Leader in Providing Next Generation Turnkey
Solution to Metal Processing Industries!**

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Presenting

Purlin Roll Forming Machine

Purlin Roll Forming Machine



30+
Years of Rich
Experience

100+
Countries
Global Presence

10000+
Delighted
Customers

C & Z Purlin Roll Forming Machine



Metal Processing Machines Division

Global Leader in Next Generation Roll Forming Machines



Technical Specifications

Particulars	Specifications
Name	Purlin Roll Forming Machine
Function	To produce metal C, Z & U purlins by bending sheet metal coils through a series of fixed rollers
Production Speed	Up to 25 meters per minute
Number of Station	18
Length Accuracy	± 2 mm
Bending & Twisting Accuracy	± 2 mm (in 6 meters)
Minimum Coil Width	120 mm
Maximum Coil Width	400 mm
Minimum Coil Thickness	1 mm
Maximum Coil Thickness	3 mm
Decoiler System	Hydraulic
Suitable Material	HR CR GI Zinc Aluminium (Max.)

Yield Strength	550 MPA
Main Motor	Siemens, Japan or equivalent
Programmable Logic Controller (PLC)	Omron – Japan or equivalent
Human-Machine Interface (HMI)	Omron – Japan or equivalent
AC Frequency Drive	Delta – Taiwan or equivalent
Gear Box	Bonfiglioli – Italy or equivalent
Switch Gears	Schneider – France or equivalent
Power Consumption	Approx. 55 hp
Warranty	1 +1 year extended warranty
Working Hours	24 hours per day
Power Supply	440 Volts, 50 Hz, A.C., Three phase with neutral (can also be designed as per specific requirement)
Note	Exact specifications may vary and shall be made available upon specific request.

Salient Features

- With PLC & HMI touch screen control for accurate tuning of machine operations
- Equipped with hydraulic Decoiler for easy loading & unloading of coil
- MS forged, grinded & hard chromed rollers ensure precise formation of products without leaving any marks
- Uniform distribution of material around its axle provides longer life to structures long life
- Works on printed or galvanized materials, which reduce cost & saves time
- Can perform multiple operations online like punching, embossing, forming, cutting which increases productivity
- Cold roll forming provides cut to length sizes to avoid any wastage of material
- Gives the engineers & planner enough flexibility to create unique structures
- Efficient control panel to set important operative parameters easily
- Aesthetically and ergonomically build machine for best performance
- Produced in an advanced state of the art manufacturing facility
- World class bought out items for optimum operations
- Designed to work 24 hours, round the clock
- Operator friendly machine, hence easy to operate and maintain
- Sturdy design to ensure long life and trouble-free operation

[Send your inquiry now](#)

Our Range of Roll Forming Machines

- Roofing Sheet Roll Forming Machine
- Double Decker Roofing Sheet Forming Machine
- Decking Sheet Roll Forming Machine
- Purlin Roll Forming Machine
- Ceiling Profile Roll Forming Machine
- Storage Rack Roll Forming Machine
- Cable Tray Roll Forming Machine
- Solar Panel Mounting Structure Roll Forming Machine
- Door Frame Roll Forming Machine
- Highway Guardrail Roll Forming Machine
- Unistrut Channel Roll Forming Machine

About Labh Group

Labh Group is a global engineering and technology-driven industrial conglomerate with headquarter in India. We provide complete end-to-end next-generation smart, innovative turn-key solutions to diverse industries across the globe. With **30+ years** of rich experience and presence in **100+ countries**, we have helped **10000+ customers** to excel and outperform in their industry.

Leveraging over an experience of around three decades, we continuously reinvent to help our customers achieve better results and create a more sustainable world for our current and future generations.

Living by our core values of excellence, respect, care and joy, we at Labh Group are committed to provide best advice, best quality products, at the best price with the best service, always!

We help our customers write their future!

We are LabhGroup!



(Click to watch our corporate video)

8 Outstanding benefits our customers enjoy



1. Expert guidance

Get the best advice from our experts to help you make the right decision



2. Complete turn-key Solutions

Our state of the art end to end one stop 360 turn-key solutions for smooth execution



3. Most competitive price

Very reasonable price for a long term win-win partnership



4. Best quality machines

Optimally designed high quality machines for best performance and long working life



5. Installation & Commissioning

Smooth and perfect installation by our expert technician at your site



6. Automation and upgradation

Increase productivity & profitability with our advanced technology



7. Knowledge Sharing

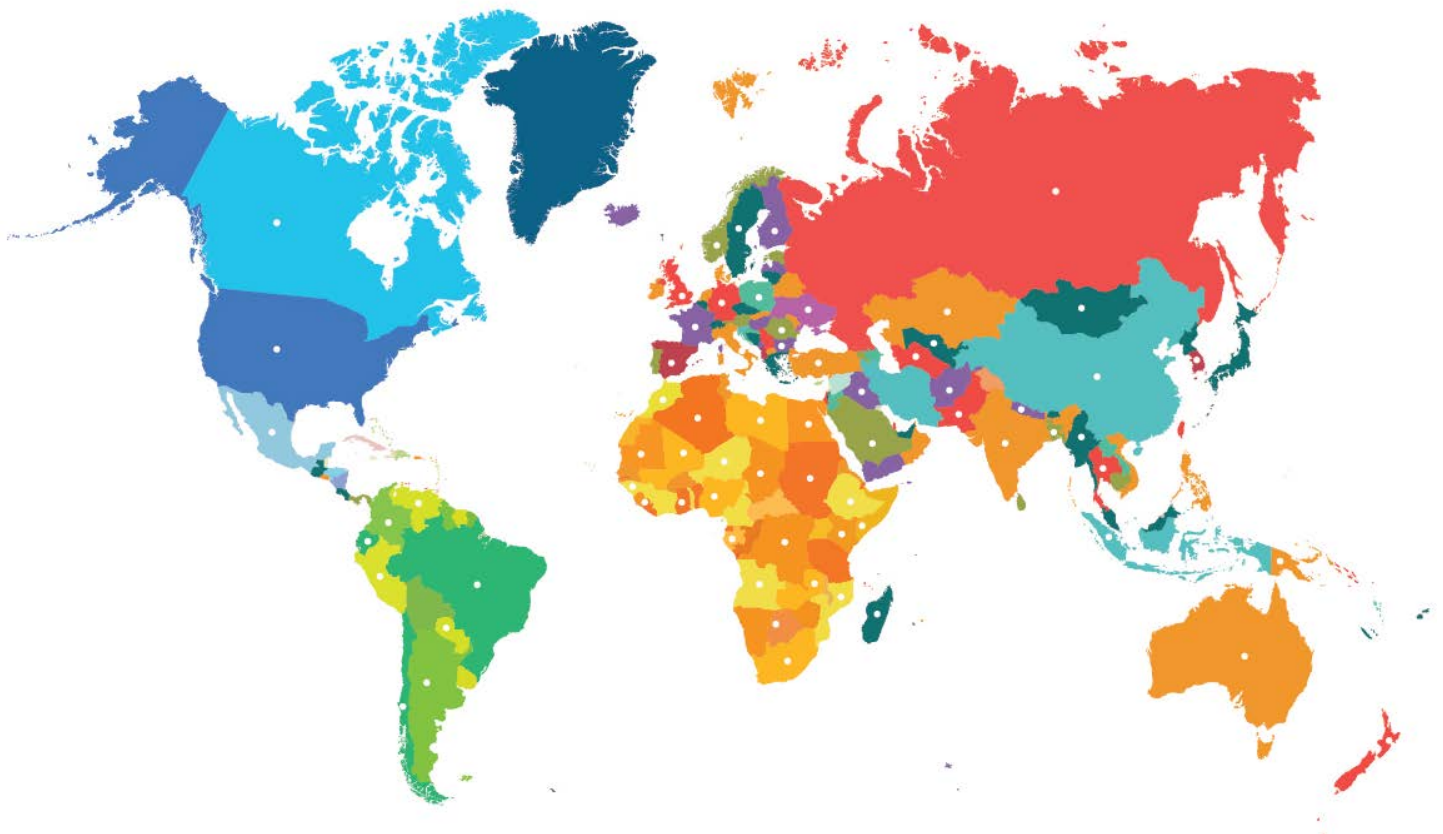
Stay ahead of your competitors with our latest industry development and trend mailers



8. Lifetime Support

Prompt and efficient after-sales support by our dedicated technical team through email, call or site visit

Our Global Presence



30+
Years of rich
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100+
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customers

Get In Touch



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