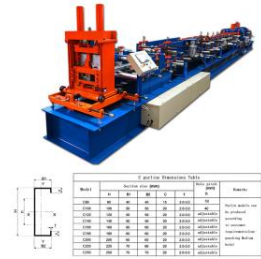
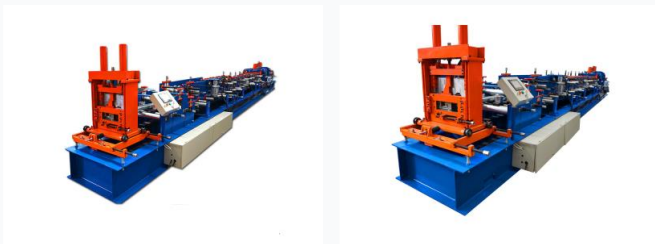


Changeable C/Z Purlin Roll Forming Machine

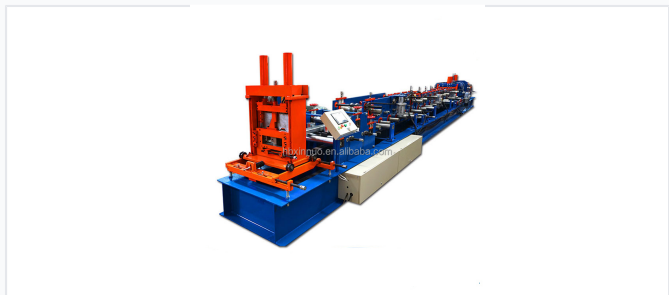
This roll forming machine produces both C and Z shaped purlins. Its changeable design allows for flexible manufacturing of different purlin profiles.



ADDITIONAL IMAGES



Overview



Versatile C/Z Purlin Production

This automatic roll forming machine is engineered for the high-precision manufacturing of both C and Z shaped steel purlins. Featuring a changeable design, it allows for quick transitions between profiles to optimize productivity and reduce downtime in structural steel fabrication. It is an ideal solution for producing high-quality components used in industrial workshops, warehouses, and roofing systems.

Performance Metrics

Key Performance Metrics

24 m/min

Max Forming Speed

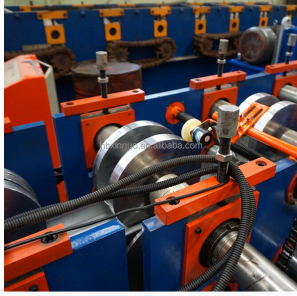
22 kW

Total Power

5 T

Uncoiler Capacity

Technical Specifications



Forming Speed	12-24 m/min
Main Frame Construction	400mm H-Beam
Power Supply	380V, 3-Phase, 50Hz
Feeding Material Thickness	1.5mm - 3.0mm
Adjustable Product Size	80mm - 300mm

System Components



Standard Configuration

- Manual Uncoiler
- Guiding Platform
- 9 Shaft Strip Leveler
- Main Roll Forming Machine
- Hydraulic Motor
- Pre-Punching Device
- Pre-Cutting Device
- Hydraulic Station
- PLC Control System
- Supporter Table

Control & Operation

System Languages

English • Chinese • Spanish • Russian

Control System Interface	PLC, Inverter, Encoder, Touch Screen
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Component Details



Roller System Details

Feature	Specification
Roller Material	High grade Gcr15 forged steel
Roller Stations	18 rows
Cutting Material	Cr12Mov with quenched treatment
Hydraulic Oil	46# hydraulic oil
Working Pressure	12-16Mpa (Adjustable)

Uncoiler Specifications

Manual Uncoiler Parameters

Parameter	Value
Loading Capacity	5 Tons
Inner Diameter	500-508mm
Steel Coil Max Width	600mm