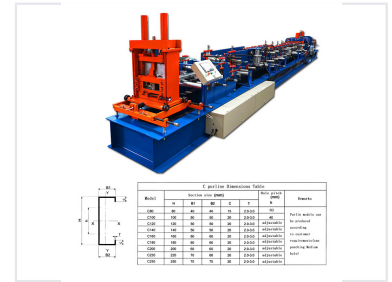
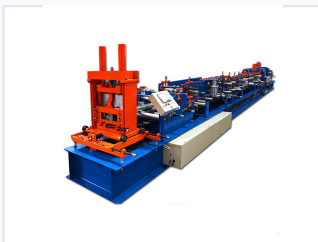


C/Z Purlin Roll Forming Machine C80-300

This roll forming machine produces both C and Z purlins from steel coils. It features adjustable capabilities to produce purlins in various sizes, specifically ranging from C80 to C300.



ADDITIONAL IMAGES



Overview



High-Efficiency C/Z Purlin Production

The C80-300 Roll Forming Machine is a versatile industrial solution designed for the automated production of both C and Z shaped steel purlins. Featuring a changeable design, it allows operators to switch between profiles and adjust dimensions from 80mm to 300mm without changing molds. This robust system is engineered for high-precision manufacturing of structural components used in modern construction, warehouses, and high-rise building projects.

Performance Metrics

Performance Highlights

24 m/min

Max Forming Speed

22 kW

Total Power

5 T

Uncoiler Capacity

18 Rows

Roller Stations

Technical Specifications



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

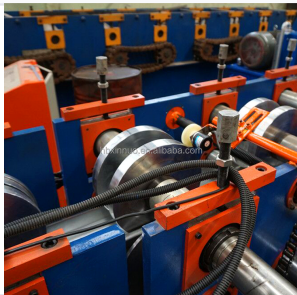
Control & Automation

Interface Languages

- English
- Chinese
- Spanish
- Russian

Control System Components	PLC, Inverter, Encoder, Touch Screen, Automatic Mode, Manual Mode
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Production Capabilities



C-Purlin Dimension Range

Model	Height (mm)	Width B1/B2 (mm)	Thickness (mm)	Hole Pitch
C80	80	40/40	2.0-3.0	None
C100	100	50/50	2.0-3.0	40mm
C160	160	60/60	2.0-3.0	Adjustable
C250	250	70/70	2.0-3.0	Adjustable

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 Cabinet
- Supporter Table

Component Details



Roller Material	High grade Gcr15 forged steel
Cutting Blade Material	Cr12Mov with quenched treatment
Hydraulic System Pressure	12-16Mpa (Adjustable)