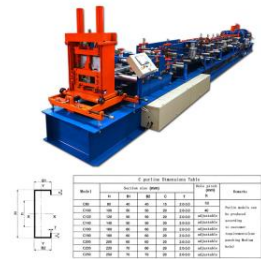
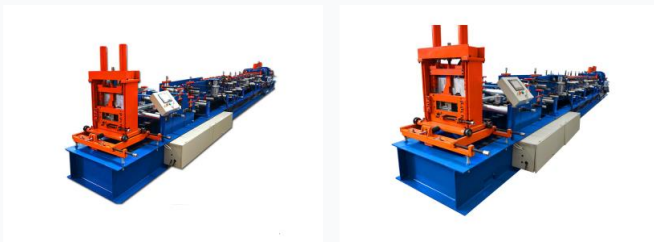


C and Z Purlin Roll Forming Machine

This machine is designed for producing C and Z shaped purlins from metal sheets. It utilizes a cold rolling process to efficiently form sections for structural components.



ADDITIONAL IMAGES



Overview



High-Efficiency C & Z Purlin Production

This versatile cold roll forming machine is engineered for the professional production of both C and Z shaped structural purlins from metal coils. It features an automated control system that allows for high-precision shaping and quick size adjustments, making it ideal for large-scale construction and industrial applications. Designed for durability and consistent performance, it minimizes material waste while maximizing output for roofing and wall support systems.

Key Performance Metrics

Performance Metrics

24 m/min

Max Forming Speed

22 kW

Total Power

5 T

Uncoiler Capacity

Technical Specifications



System 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

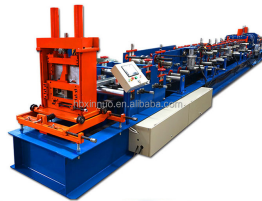
Power Supply

380V, 3-Phase, 50Hz

Main Frame Construction

400mm H-Beam

Control System



Interface Languages

English • Chinese • Spanish • Russian

Control Components

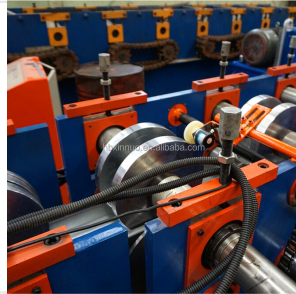
PLC, Inverter, Encoder, Touch Screen

Production Capabilities



Feeding Material Thickness	1.5mm - 3.0mm
Product Size Range	80mm - 300mm
Steel Coil Width	600 mm

Component Details



Roller System

Feature	Specification
Roller Material	High grade Gcr15 forged steel
Roller Stations	18 rows
Cutting Material	Cr12Mov with quenched treatment
Hydraulic Pressure	12-16 Mpa (adjustable)

Operational Features

Automation & Operation

- Automatic and Manual operation modes
- Programmable profile length and quantity
- Hydraulic drive for size changes without mold alterations
- Motorized size adjustment (80-300mm range)