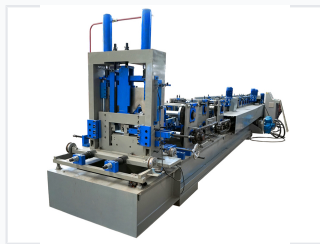
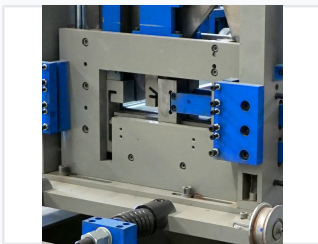


CZ Purlin Roll Forming Machine

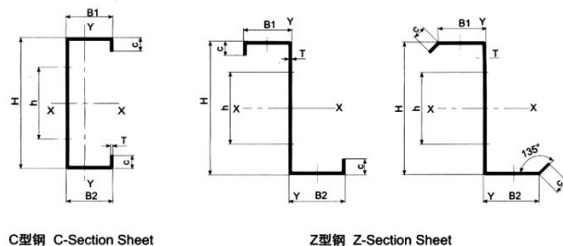
This roll forming machine efficiently produces both C and Z purlins from sheet metal. It is designed for creating structural components used in building construction.



ADDITIONAL IMAGES



Overview



Dimensional profiles for C-section and Z-section steel sheets produced by the machine.

Versatile CZ Purlin Production

This fully automatic roll forming machine is designed for the high-precision manufacturing of both C and Z shaped purlins used in industrial factories and steel buildings. It features a modular design that allows for quick changeovers between profiles without changing molds, significantly reducing downtime. Engineered for durability, the system integrates a robust H-beam frame with advanced PLC controls to ensure consistent output for high-volume construction projects.

Key Performance Metrics



High-efficiency metal forming rolling mill designed for industrial construction components.

Key Performance Metrics

24 m/min

Max Forming Speed

22 kW

Total Power

5 T

Uncoiler Capacity

18 stands

Forming Stations

Technical Specifications

Product Size Range	80-300mm (Automatically adjustable via motor)
Feeding Material Thickness	1.5-3.0mm
Main Frame Construction	400mm H-Beam
Power Supply	380V, 3-Phase, 50Hz

Control & Operation



The automated system handles feeding, forming, and stacking for maximum production efficiency.

Interface Languages

- English
- Chinese
- Spanish
- Russian

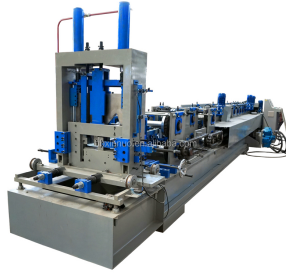
Operation Modes

- Automatic Mode
- Manual Mode

Control System Components

PLC, Inverter, Encoder, Touch Screen

Component Details



Integrated hydraulic cutting system ensures precise length control for every purlin.

Hydraulic System Parameters

Parameter	Specification
Hydraulic Oil	46#
Working Pressure	12-16Mpa (Adjustable)
Solenoid Valves	3 Groups

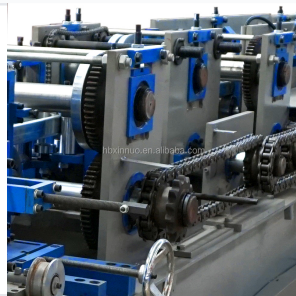
Roller Material

High grade Gcr15 forged steel

Cutting System

Cr12Mov steel with quenched treatment; hydraulic drive

System Configuration



The complete roll forming line featuring a robust frame and precision-engineered roller stations.

Line Components

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

Compliance & Support

Certifications

CE • ISO

Warranty

1 Year standard warranty