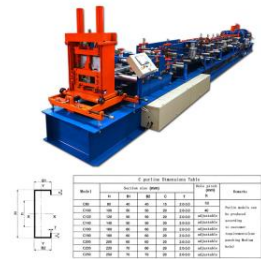
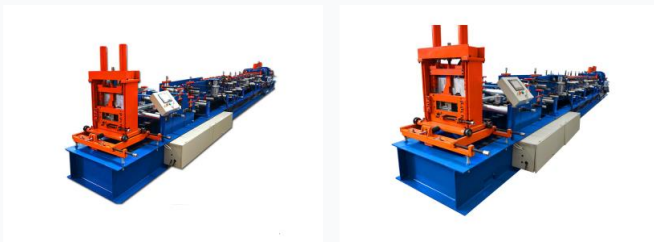


# C and Z Purlin Roll Forming Machine

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

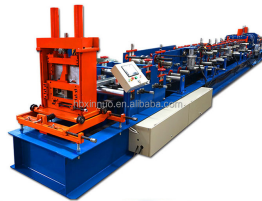
### Power Supply

380V, 3-Phase, 50Hz

### Main Frame Construction

400mm H-Beam

## Control System



### Interface Languages

English • Chinese • Spanish • Russian

### Control Components

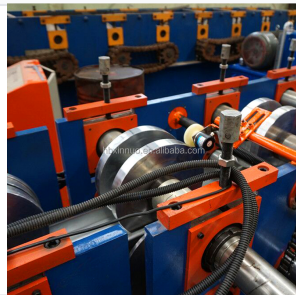
PLC, Inverter, Encoder, Touch Screen

## 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)