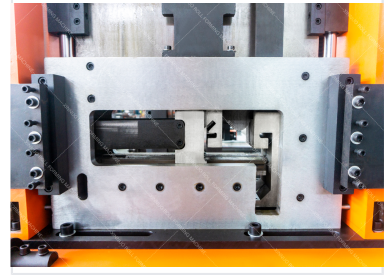


# C/Z Purlin Roll Forming Machine

This C/Z purlin roll forming machine efficiently produces C and Z shaped purlins. The cold roller machine ensures consistent quality and precise dimensions.



## ADDITIONAL IMAGES



## Overview



### Versatile C/Z Purlin Production

This C/Z Purlin Roll Forming Machine is a high-efficiency cold-rolling solution designed for the construction industry. It features a versatile design that allows for the production of both C and Z shaped sections from metal coils, essential for roofing and wall systems in industrial workshops and warehouses. Equipped with an automated PLC control system and a robust H-beam frame, it ensures precise dimensional accuracy and high-volume output with minimal material waste.

## Key Performance Metrics

### Performance Highlights

**12 m/min**

Min Forming Speed

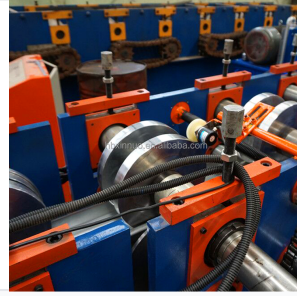
**24 m/min**

Max Forming Speed

**22 kW**

Total Power

## Technical Specifications



### Roller System

- Material: High grade Gcr15 forged steel
- Roller stations: 18 rows
- Feeding material thickness: 1.5-3.0mm

### Main Frame

400mm H-Beam

### Power Supply

380V, 3-Phase, 50Hz

## Control & Operation



### Interface Languages

English • Chinese • Spanish • Russian

### Control System

PLC, Inverter, Encoder, Touch Screen

## Component Details



### Cutting System

- Blade Material: Cr12Mov with quenched treatment
- Drive: Hydraulic
- Feature: Quick size change without changing molds

### Manual Uncoiler

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

### Hydraulic System

- Power: 22kW
- Oil Type: 46# Hydraulic Oil
- Working Pressure: 12-16Mpa (Adjustable)
- Solenoid Valves: 3 Groups

## Output & Sizing

Product Size Range	80-300mm (Automatic adjustment via motor)
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## System Configuration



### 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