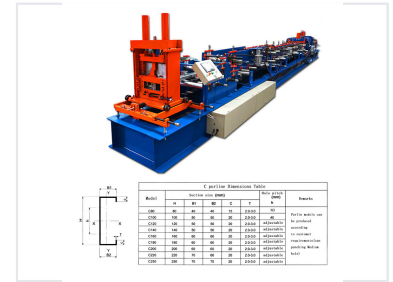


# Changeable C/Z Purlin Roll Forming Machine

This roll forming machine produces both C and Z purlins. Its changeable design allows for versatile production of different purlin sizes and shapes.



## ADDITIONAL IMAGES



## Overview



Robust construction featuring changeable profiles for both C and Z purlin production.

### High-Efficiency C/Z Purlin Production

This automatic roll forming machine is designed for the versatile production of both C and Z shaped purlins used in steel structures and roofing systems. It features a changeable design that allows for quick size adjustments and profile switching without changing molds, significantly increasing manufacturing flexibility. Built with a robust H-beam frame and high-grade forged steel rollers, it ensures precise and consistent profiles for professional construction applications.

## Performance Metrics



Optimized for high-volume production with minimal changeover time.

### Key Performance Metrics

**24 m/min**

Max Forming Speed

**22 kW**

Total Power

**5 T**

Uncoiler Capacity

## Technical Specifications

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

## Control System



Integrated control panel and heavy-duty frame for industrial-grade stability.

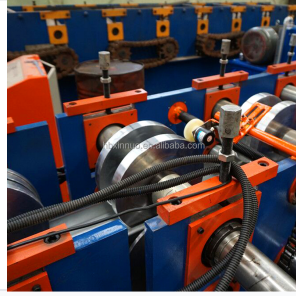
### Interface Languages

- English
- Chinese
- Spanish
- Russian

### Control Components

PLC, Inverter, Encoder, Touch Screen

## Component Details



Precision-engineered roller stations designed for consistent C-profile shaping.

### Roller System

- Material: High grade Gcr15 forged steel
- Roller stations: 18 rows
- Adjustable for product sizes 80-300mm

### Cutting System

- Blade Material: Cr12Mov with quenched treatment
- Drive: Hydraulic
- Feature: Easy quick change size without changing mould

### Manual Uncoiler

- Loading capacity: 5T
- Inner diameter: 500-508mm
- Steel coil width: 600mm

## Dimensions & Sizing

### Standard C-Purlin Dimensions

Model	Height (H) mm	Width (B1/B2) mm	Lip (C) mm
C80	80	40	15
C120	120	50	20
C160	160	60	20
C200	200	60	20
C250	250	70	20

## 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