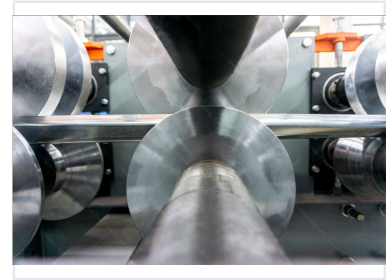


# C and Z Purlin Roll Forming Machine

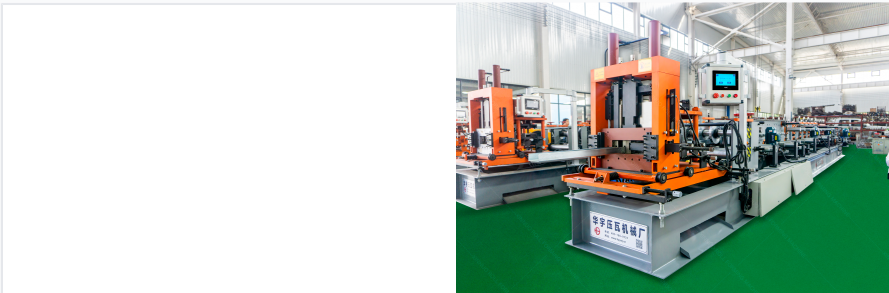
This machine efficiently produces C and Z section purlins through a cold rolling process. It is designed for precision and durability, ensuring consistent purlin profiles.



## ADDITIONAL IMAGES



## Overview



### High-Efficiency C & Z Purlin Production

This versatile roll forming machine is engineered for the precise production of both C and Z section purlins through an advanced cold rolling process. Designed for industrial construction applications, it features automated size adjustment and a robust 18-station roller system to ensure consistent profile accuracy. With a high forming speed and user-friendly PLC controls, it provides a cost-effective solution for manufacturing structural components for warehouses, workshops, and high-rise buildings.

## Performance Metrics

### Key Performance Metrics

**24 m/min**

Max Forming Speed

**22 kW**

Total Power

**18 stands**

Roller Stations

**5 T**

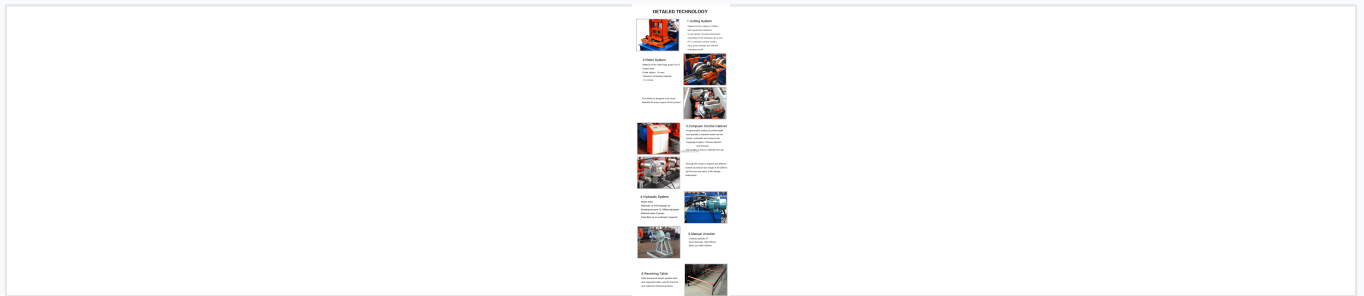
Uncoiler Capacity

## Technical Specifications

### Material & Forming Specs

Parameter	Value
Effective Width	80-300mm
Feeding Thickness	1.5-3.0mm
Roller Diameter	80mm
Main Frame	400mm H-Beam
Backboard Thickness	20mm
Power Supply	380V, 3-Phase, 50Hz

## System Configuration



### Machine Components

- 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

## Control & Operation

### Interface Languages

English • Chinese • Spanish • Russian

### Control System Features

PLC Inverter, Encoder, Touch Screen, Automatic Mode, Manual Mode, Multi-language Support

## Hydraulic System

### Hydraulic System Details

Feature	Specification
Hydraulic Oil	46#
Working Pressure	12-16 Mpa (Adjustable)
Solenoid Valves	3 Groups
Cutting Material	Cr12Mov with Quenched Treatment