

# CZ Purlin Roll Forming Machine

This machine is designed for the efficient production of CZ-shaped purlins. It utilizes a roll forming process to gradually shape metal strips into the desired CZ profile.



## ADDITIONAL IMAGES

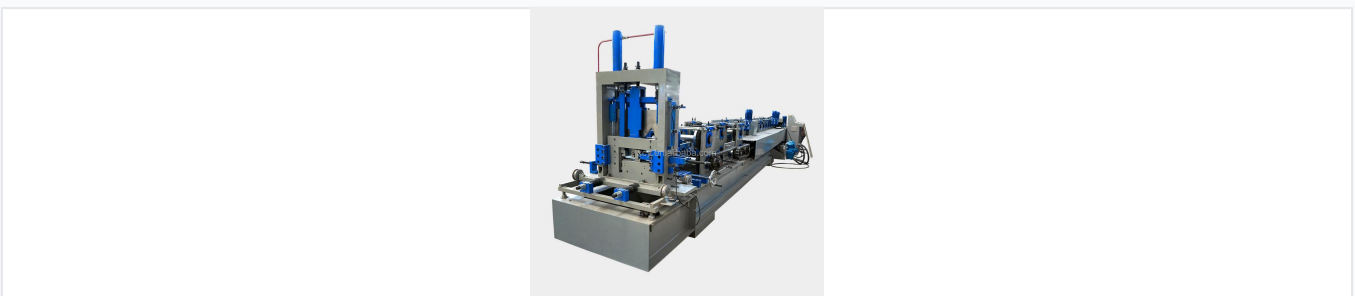


## Overview

### High-Efficiency CZ Purlin Production

This CZ Purlin Roll Forming Machine is a versatile industrial solution designed for the precise manufacturing of C and Z shaped profiles used in steel construction. Featuring a robust H-beam main frame and advanced roll forming technology, it ensures consistent quality for roofing and wall support systems. The automated system integrates decoiling, leveling, punching, and cutting into a single streamlined process to maximize production efficiency.

## Technical Performance



Multiple forming stations designed for gradual and precise metal shaping.

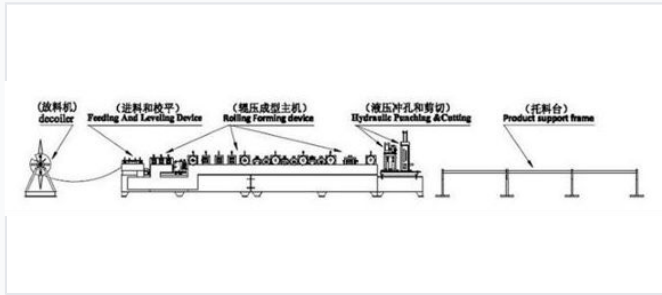
### Performance Metrics

<b>11 kW</b> Main Motor Power	<b>7.5 kW</b> Pump Power	<b>14 m/min</b> Max Forming Speed
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### Forming Speed Range

12-14 m/min

## System Configuration



Complete production line layout including decoller, leveling device, and hydraulic punching unit.



Integrated hydraulic system for accurate hole placement and clean profile cutting.

### Standard Components

- Manual Decoiler
- Guiding Platform
- Coil Strip Leveler
- Main Roll Forming Unit
- Hole-Punch Device
- Hydraulic Cutting Device
- Hydraulic Station
- PLC Control System
- Product Support Frame

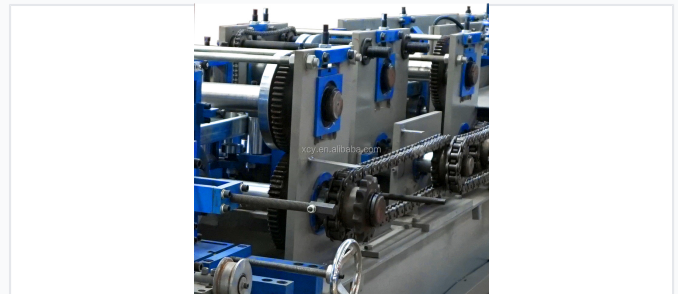
## Control & Power

Control System	PLC with Inverter
Power Supply	3-Phase, 380V, 50Hz

## Structural Specifications



Precision-engineered rollers ensure consistent CZ profile dimensions.



Heavy-duty chain drive system provides synchronized movement for all forming stations.

Main Frame Construction	350mm H-Beam
Drive Mechanism	Chain drive system for synchronized movement

## Applications

Common Applications	Industrial Workshops, Warehouses, High-rise Construction, Roofing Systems, Wall Support
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## Compliance & Quality

Quality Standards  
ISO 9001 • CE • SGS