

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.

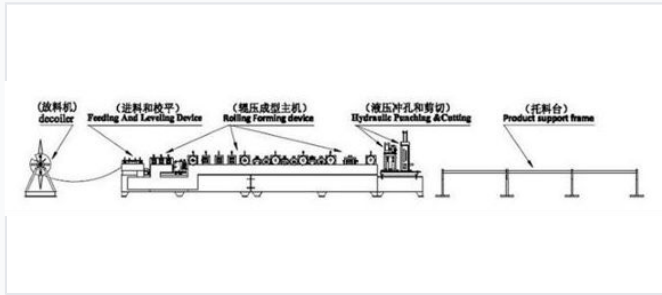
Performance Metrics

11 kW Main Motor Power	7.5 kW Pump Power	14 m/min 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

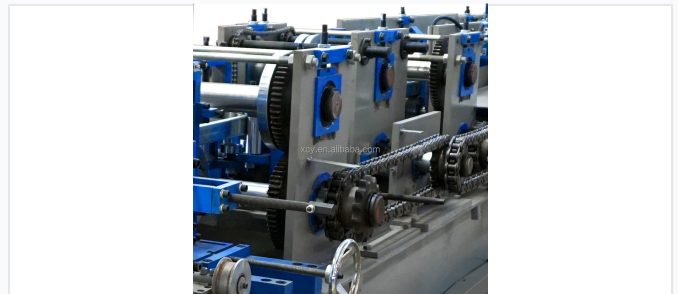
Control & Power

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