



## High-speed Fully Automatic Interchangeable CZ Purlin C Channel Z Purlin Roll Forming Machine

Our Product Introduction

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### Basic Information

- Place of Origin: Jiangsu, China
- Brand Name: Hangzhou Maxwell
- Certification: CE, ISO9001
- Model Number: Purlin
- Minimum Order Quantity: 1 SET
- Price: 100,000-143,000
- Packaging Details: Nude Packaging in a 40 feet container
- Delivery Time: 60 work days
- Payment Terms: T/T, L/C
- Supply Ability: 30 sets per month



### Product Specification

- Name: Fully Automatic Interchangeable CZ Purlin Roll Forming Machine
- Production Line Speed: 30m/min
- Forming Station: 26 Stands
- Roller Material: D2 Vacuum Quenching Treatment
- Shaft Material: Cr40 Fine Steel With Quenching And Tempering
- Installation Type: Column Structure
- Control System: PLC
- Change Type: Fully Automatic Interchangeable
- Warranty: 1 Year
- Dual Motor Drive Power Source: TYZJ Motor: 30KW; ZLT Motor 4KW
- Highlight: **Interchangeable Purlin Roll Forming Machine**



## Product Description

### High-speed Fully Automatic Interchangeable CZ Purlin Roll Forming Machine

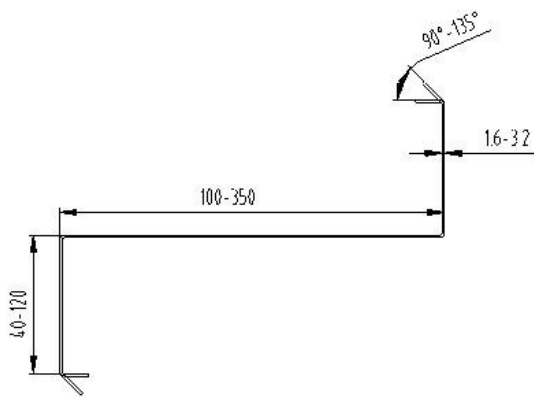
The fully automatic interchangeable purlin production line is designed, developed, and manufactured by our technical team based on the C/Z cold roll-formed purlin equipment from Bradbury, USA. It processes hot-rolled and cold-rolled steel strips through guided feeding, leveling, punching, cutting, and precision roll forming. The system includes pneumatic support racks and automatic stacking machines, transforming the steel strips into C/Z-shaped purlin components for use in steel structure maintenance systems.

The computer control system allows for quick adjustments to any specification of C/Z profiles, ensuring high-speed forming. This system maximizes work efficiency and significantly reduces labor costs. In terms of quality control, we strictly adhere to high standards and requirements. Our unique design has earned multiple patents, placing us at the forefront of both technology and quality in the domestic industry.



Profile:





Fully Automatic CZ Purlin Roll Forming Machine	
Raw Material	PPGI,PPGL
	Q355MPa1.6-3.2mm,G450-550MPa1.6-3.0mm
Machine Frame	The machine base frame is made of U-beam weld steel. In the main roll forming machine, there are 2 buttons for urgency stop in case any malfunction happens.
Material Of Rollers	Roller material: D2 vacuum quenching treatment
Forming Stations	Roller stations:26 stands
Diameter Of Shafts	Φ85mm solid
Material Of Shafts	40 Cr CNC processing HRC28-32 ,finish turning and electroplate
Forming Speed	Max 30 m/min
Voltage	480v/60hz/3p (As Requested)
Transmission Way	Gearbox transmission
Horizontal adjustment range of punching hole distance	45-500mm
Cutting Blade Material	Gcr12 quenched treatment
Cutting Type	Hydraulic cutting
Control	PLC control

The fully automatic interchangeable C/Z purlin production line consists of a feeding conveyor with leveling, a computer-controlled intelligent punching system with length control, a flat sheet cutting system, an automatic inkjet marking device, the main roll forming machine, and an automatic stacking system for finished products. The automatic inkjet marking system can print text, letters, and numbers on the products, ensuring that each purlin is properly labeled.



#### Packaging and Shipping

1. Anti-corrosion oil is sprayed during transportation to prevent oxidation of the machine
2. Packaging isolation film to prevent machine oxidation during transportation
3. Fixed on the container with wire to prevent damage to the machine during transportation




#### After-sales Service

1. Technical Support: Our experienced technical team is available to provide assistance and guidance on product installation, operation, and maintenance.
2. Spare Parts Supply: We maintain a stock of genuine spare parts to quickly solve any equipment issues and minimize downtime.
3. Training Programs: We offer training programs for your staff to ensure they are proficient in using and maintaining our equipment effectively.
4. Warranty Coverage: The warranty is one year after the client receives the machine. All our products come with a warranty period, during which we provide prompt repair or replacement services for any defects covered under the warranty terms.
5. Regular Maintenance: We recommend and offer scheduled maintenance services to keep your equipment in optimal condition and maximize its lifespan.
6. Customer Feedback: We value your feedback and continuously strive to improve our products and services based on your input.

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