



## High Speed 45 Degree Cutting Customizable Automatic CU And CZ Purlin Roll Forming Machine

### Our Product Introduction

#### Basic Information

- Place of Origin: Zhejiang, China
- Brand Name: Hangzhou Maxwell
- Certification: CE, ISO9001
- Model Number: Purlin
- Minimum Order Quantity: 1 Set
- Price: USD15000-USD45000
- Packaging Details: Nude Packing In a 40 Feet Container
- Delivery Time: 60 workdays
- Payment Terms: T/T; L/C
- Supply Ability: 30 Set per Mon



#### Product Specification

- Roller Stations: 16 stands And 7 Levelling Rolls
- Rolling Thickness: 1.5-3.0mm
- Roller Driven Type: Gearbox Or Double Chain Transmission
- Key Selling Points: Easy To Operate
- Frequency Inverter: Siemens Or As Your Request
- Material Of Rollers: GCr15 Bearing Steel With Quench Treatment, HRC58-62
- Cutting Tolerance:  $\pm 2$ mm
- Forming Speed: 0-45m/min
- Highlight: Customizable Purlin Roll Forming Machine, 45 Degree Cutting purlin machine, High-speed Purlin Roll Forming Machine



#### More Images



## Product Description

### High-speed Customizable Automatic CU Purlin Interchangeable CZ Purlin Roll Forming Machine

#### Product Description:

Purlin roll forming involves shaping metal strips into C or Z-shaped profiles, commonly used in building frameworks. The process transforms flat metal sheets or coils into structural elements with specific cross-sectional shapes.

This metal purlin roll forming machine is perfect for multiple industries such as building material shops, machinery repair shops, manufacturing plants, and construction works. With its diverse range of applications, this machine is ideal for anyone looking to produce metal purlins.

Investing in the Automatic Purlin Roll Forming Machine is a smart choice for anyone seeking to expand their production capabilities. With its fast forming speed, diverse range of applications, and high-quality cutter and cutting tool material, this metal purlin roll forming machine is a reliable and efficient choice for any business.



#### Features:

**The 45-degree angled cut used in the shearing section of a purlin roll forming machine offers several advantages:**

**Smooth and Clean Edges:** The 45-degree angle reduces the cutting force required, resulting in smoother and cleaner edges. This minimizes burrs and rough surfaces, reducing the need for post-processing.

**Enhanced Structural Integrity:** By cutting at an angle, the stress concentration on the material is distributed more evenly. This helps maintain the structural integrity of the purlins, preventing deformation or weakening at the cut points.

**Reduced Material Waste:** The angled cut is more efficient in terms of material usage, as it optimizes the cut length and minimizes scrap. This can lead to cost savings, especially in large-scale production.

**Improved Fit and Assembly:** Purlins cut at a 45-degree angle often provide a better fit during assembly, especially when connecting to other components at angles. This enhances the overall stability and aesthetics of the construction.

**Increased Production Speed:** The 45-degree cut is generally faster and more efficient, allowing for quicker production cycles and higher throughput. This can improve overall productivity in manufacturing operations.

#### Technical Parameters:

Metal Purlin Roll Forming Machine	Forming Machine for Purlin
Roller Driven Type:	Gearbox Or Double Chain Transmission
Rolling Thickness:	1.5-3.0mm
Forming Profile:	C Z Purlin 100-300mm
Roller Stations:	16stands And 7 Levelling Rolls
Power Supply:	3-Phase 380V Or Any
Applicable Industries:	Building Material Shops, Machinery Repair Shops, Manufacturing Plant, Construction Works
Cutting Tolerance:	±2mm
Materia of Rollers:	GCr15 Bearing Steel With Quench Treatment,HRC58-62
Cutting Tool Material:	Cr12Mov
Forming Speed:	0-30m/min



### Applications:

The Automatic Purlin Roll Forming Machine is perfect for use in many occasions and scenarios. It can be used in the construction of warehouses, factories, and other large buildings that require strong structural support. It is also suitable for the construction of car parks, airports, and other large-scale projects. The machine is easy to operate, making it ideal for both small and large-scale manufacturing operations.

Hangzhou Maxwell's Automatic Purlin Roll Forming Machine is made with high-quality materials. The rollers are made of GCr15-bearing steel with quench treatment, which gives them a hardness of HRC58-62. The roller-driven type can be either a gearbox or double chain transmission, depending on the customer's needs. The machine has a cutting tolerance of ±2mm, ensuring that every purlin produced is of the highest quality.

### Support and Services:

The Purlin Roll Forming Machine is a high-quality product that is designed to help you produce high-quality purlins with ease. Our technical support team is always available to help you with any questions or concerns you may have about the product. We offer a range of services to ensure that your machine is always running smoothly, including:

[Installation and setup](#)

[Training and education](#)

[Maintenance and repair](#)

[Upgrades and customizations](#)

Our goal is to ensure that you get the most out of your Purlin Roll Forming Machine, and we are committed to providing you with the

highest level of support and service possible.

**Packing and Shipping:**

**Product Packaging:**

The Purlin Roll Forming Machine will be packaged in a strong wooden crate to ensure safe transportation. The machine will be secured with straps to prevent any movement during shipping.

**Shipping:**

The Purlin Roll Forming Machine will be shipped via a reliable and efficient carrier to ensure timely delivery. The shipping cost will be calculated based on the destination and weight of the machine. The customer will be provided with a tracking number to monitor the shipment.

 **Maxwell Hangzhou Maxwell Machinery Equipment Manufacturing Co., Ltd**

 0086-19560190257     [info@hzmaxwellmachine.com](mailto:info@hzmaxwellmachine.com)     [roll-formermachines.com](http://roll-formermachines.com)

Building 2, No.6, Zhuluo East Road, Linpu Town, Xiaoshan District, Hangzhou City, Zhejiang Province