



## Adjustable Metal Cable Tray Roll Forming Machine Fully Automatic

Our Product Introduction

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### Basic Information

- Place of Origin: Jiangsu, China
- Brand Name: Hangzhou Maxwell
- Certification: CE, ISO9001
- Model Number: Cable tray-001
- Minimum Order Quantity: 1 SET
- Price: USD24000-USD35000
- Packaging Details: Nude Packaging in a 40 feet container
- Delivery Time: 60 work days
- Payment Terms: T/T, , L/C
- Supply Ability: 20 sets per month



### Product Specification

- Name: Cable Tray Roll Forming Machine
- Applicable Industries: Hotels, Garment Shops, Building Material Shops, Construction Works, Advertising Company, Manufacturing Plant, Food & Beverage Factory, Retail, Others
- Raw Material: Galvanized Steel
- Production Capacity: 8-10m/min Include Punching Holes
- Feeding Width: 200-950mm
- Voltage: 380V, 50HZ, 3PH (Or As Customers' Request)
- Warranty Of Core Components: 1 Year
- Forming Station: 22 Stands
- Highlight: **Metal Cable Tray Roll Forming Machine, Adjustable Metal Cable Tray Roll Forming Machine**  
**Cable Tray Roll Forming Machine Fully Automatic**



### More Images

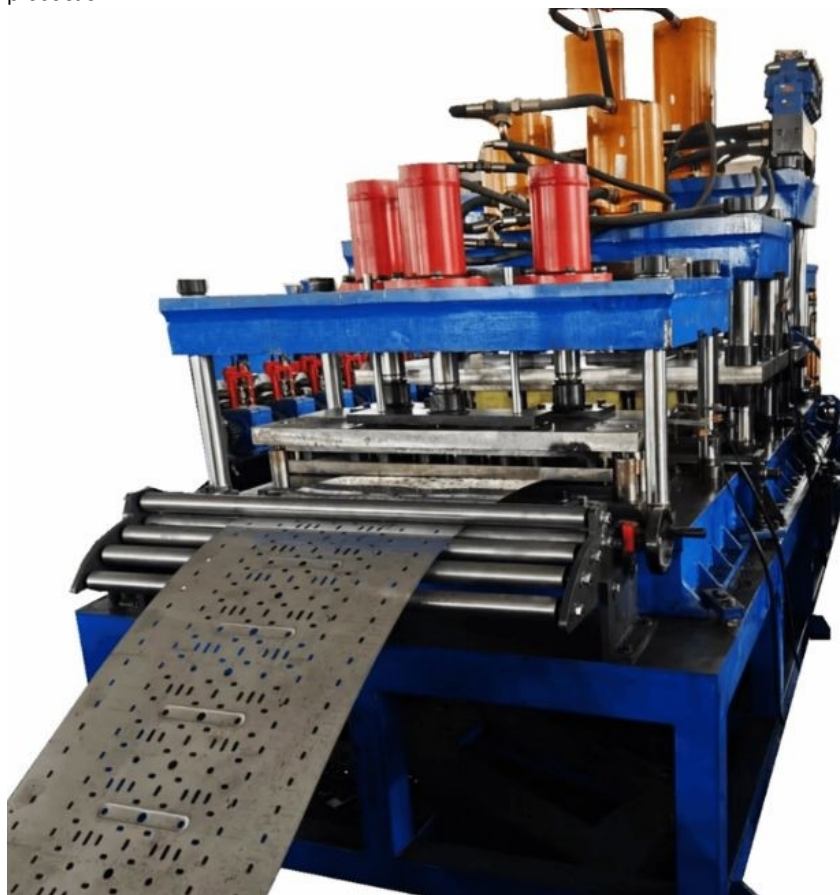


## Product Description

### Fully Automatic Adjustable Metal Cable Tray Making Roll Forming Machine

#### Fully Automatic Cable Tray Making Roll Forming Machine

The cable tray roll forming machine is an advanced piece of equipment designed to produce cable trays from a variety of materials. Its fully automated control system employs a highly integrated network, significantly enhancing the system's overall efficiency and reliability. The machine features a servo motor that ensures seamless, uninterrupted cutting, resulting in exceptionally high efficiency and rapid production speeds. This state-of-the-art design not only maximizes productivity but also guarantees precision and consistency in the manufacturing process, making it an indispensable asset for cable tray production.



#### Equipment consists

Auto-uncoiler --- Levelling machine --- Servo feeding machine --- Punching press --- Hydraulic cutting --- Feeding frame --- Forming machine --- Collection table

#### Hydraulic Decoiler

Width of material sheet: 200-950mm,  
The thickness of the material sheet: 1.0~1.5 mm  
Inner diameter: 508mm Range of expanding:  $\phi$ 480-520 mm  
Maximum outer diameter:  $\phi$ 1300mm, loading:  $\leq 5T$   
Type of expansion: hydraulic expansion.  
Type of press coiler: air-powered press  
Feeding speed: 0-10m/min, adjustable



### Levelling Machine

Working roller: nine rollers type leveling machine



### Servo Feeding Machine

Function: Feeding material.

Feature: Uses the servo motor-driven. Multistage type feeding: May input 10 groups of different feeding lengths, The liquid crystal touching screen demonstrated is advantageous for the change, and establishes various technical parameters. The auto-induction start system and the punch press linkage (control punch press start).





**Punching press**

Punching press: Uses the steel plate welding fuselage, the rigidity is strong with a good appearance. Uses the combined type air-operated friction clutch.



**Main Roll Forming Machine**

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|---|
| Fully Automatic Cable Tray Roll Forming Machine |
|---|

|                                 |   |
|---------------------------------|---|
| <b>Formed Material</b>          | GI or aluminum or steel sheet                             |
| <b>Forming stations</b>         | 22 stations   |
| <b>Main power</b>               | 22KW siemens motor  |
| <b>Diameter of shaft</b>        | 70mm  |
| <b>Max rolling speed</b>        | 6-10m/min(including the punching time)                    |
| <b>Thickness</b>                | 1.0-1.5mm galvanized steel (Or as per customer's request) |
| <b>Material width</b>           | 200mm~950mm(As the profile drawing)                       |
| <b>Material of roller</b>       | CR12 with quenched treatment                              |
| <b>Material of blade mold</b>   | Cr12, quenched 58-62                                      |
| <b>way of cutting</b>           | hydraulic mold cutting                                    |
| <b>Length cutting tolerance</b> | +/-1.0mm  |

Type: double hanger gearing drive. Forming width is adjusted by automatically forming the wall moving, it also can adjust the height quickly.

Insert the sheet plate which is already perforated into the machine, through 22 stations to roll as the cable tray. It consists of the speed regulation alternating current machine, reducer, high-precision linear rails, gearbox (left and right side), the crosswise adjusting mechanism, and one complete set of rollers. One set of rollers can complete all types of cable trays, type change can through the adjustment of one side of the machine manually. The main body and the gearbox use the welding structure and de-stressing processing; the material of the gear is the 45 steel hard tooth surface. The manufacturing technology of the main forming machine is from Italy, it will guarantee high precision.



#### PLC Control System



### 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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