

# Cable Tray Roll Forming Machine

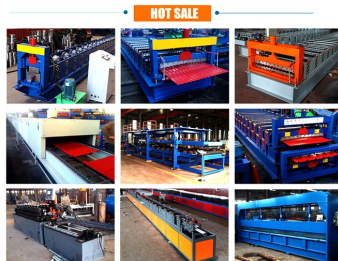
This cable tray roll forming machine efficiently produces cable trays with precision. It shapes metal strips into the desired profile using a series of forming stations and rollers.



## ADDITIONAL IMAGES



## Overview



### High-Efficiency Cable Tray Production

This industrial-grade roll forming machine is engineered for the precise and high-volume production of metal cable trays. It features a robust heavy-duty steel construction with multiple forming stations that gradually shape metal strips into professional-grade profiles. Designed for versatility, it handles various material thicknesses and widths, making it an ideal solution for large-scale manufacturing environments requiring consistent quality and reliable performance.

## Technical Specifications



### Performance Metrics

**4 m/min**

Min Productivity

**6 m/min**

Max Productivity

**15 kW**

Total Power

**8 T**

Approx. Weight

### Material Compatibility

Parameter	Range
Suitable Material	Color steel plate
Plate Width	300-900mm
Plate Thickness	0.5-1.2mm

## Machine Components



### Forming System Details

- 18-22 Rows of Rollers
- 90mm Roller Diameter
- Precision CNC Ground Rollers and Shafts
- Chain Drive Synchronization Mechanism

### Included Components

Manual Uncoiler, Roll Forming Machine, Computer Control System, Hydraulic Control System, Hydraulic Cutting Mechanism, Run Out Table

## Control & Operation



### Automation & Safety

- Programmable Logic Controller (PLC) for automated operation
- User-friendly interface for parameter adjustment
- Integrated emergency stop buttons
- Protective safety guards
- Self-designed electrical control system

## Dimensions & Build



### Build Quality

CNC Milled Frame • Electrostatic Spraying • Shot Blasting Surface Prep • Heavy-Duty Steel Construction

### Machine Dimensions

10.5m x 1.6m x 1.5m