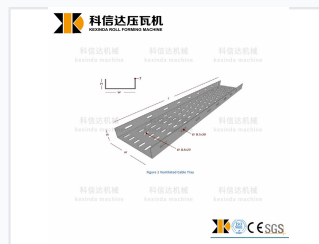
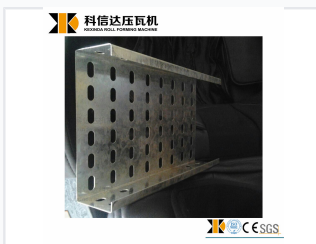


# Cable Tray Roll Forming Machine

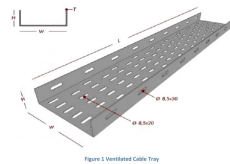
This machine is designed for shaping sheet metal into cable trays using a roll forming process. It ensures accurate dimensions and consistent quality for cable tray production.



## ADDITIONAL IMAGES



## Overview



The machine produces standard ventilated cable trays with precise perforation patterns.

### Professional Cable Tray Manufacturing Solution

This high-precision roll forming machine is engineered for the efficient production of ventilated cable trays used in industrial and commercial electrical distribution. It features a robust 350mm H-steel body and GCr15 quenched rollers to ensure long-term durability and consistent profile accuracy. With integrated PLC controls and an automated cutting system, it provides a reliable solution for high-volume manufacturing of galvanized steel cable management systems.

## Technical Performance



Precision-engineered rollers designed for consistent cable tray profiling.

### Performance Metrics

**12 m/min**

Max Working Speed

**15 kW**

Reducer Power

**7.5 kW**

Hydraulic Pump

## Material Specifications

### Compatible Materials

Galvanized Plate, Strip Steel, 45# Steel (Shafts), GCr15 (Rollers)

### Plate Thickness Range

1.5 - 2 mm (customizable)

## Machine Configuration



Complete automated production line featuring decoiler, leveling, and punching units.



Robust 350mm H-steel construction ensures stability during high-volume production.

### Forming Process

- 14 Total forming steps
- 9 Shafts dedicated for leveling
- 4 Step side wheels for coil-input deviation control
- Side wheel rotation forming to reduce friction

### Mechanical Specifications

Component	Specification
Machine Body	350mm H-Steel
Wall Thickness	18mm Steel Plate
Active Shaft Diameter	80mm
Transmission Chain	2 inch
Roller Treatment	Quenched 62-64°C

## Control & Operation

### Operation Features

- Outside debugging for size changes
- Easy and fast debugging via side wheel rotation
- Stable and low-noise cycloid reducer

### Control System

PLC control system with integrated inverter

## Service & Support

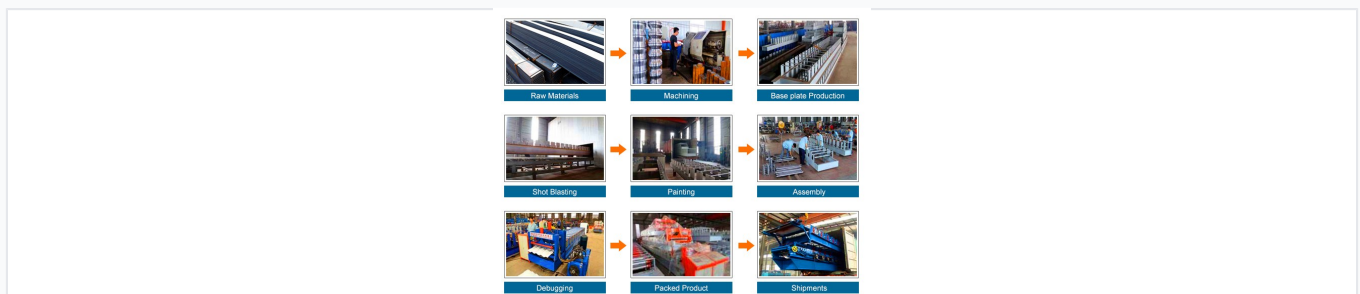
### Technical Support

Technicians are available for international dispatch to assist with machine setup and repair. Buyers are responsible for travel costs (visa, airfare, accommodation) and a daily service fee.

### Warranty

12 Months guarantee for machine parts

## Production Process



Comprehensive manufacturing process from raw material to final shipment.

### Manufacturing Workflow

- Raw Material Preparation
- Machining & Base Plate Production
- Shot Blasting & Painting
- Assembly & Debugging
- Packing & Shipment