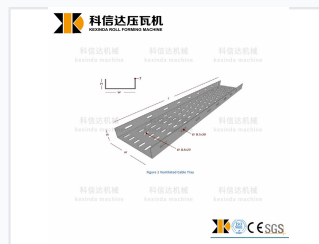
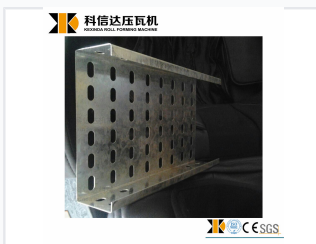


Cable Tray Roll Forming Machine

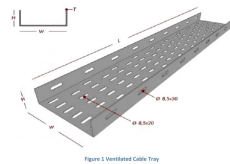
This machine is designed for shaping sheet metal into cable trays using a roll forming process. It ensures accurate dimensions and consistent quality for cable tray production.



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

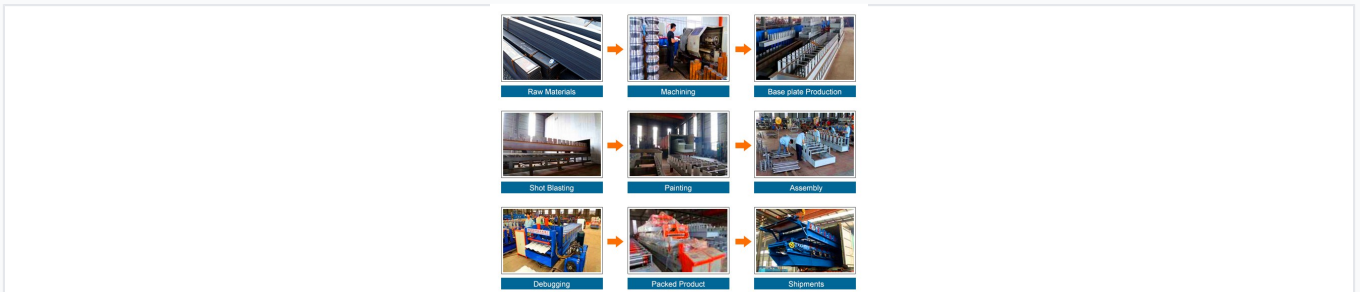
Technical Support

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