

Cable tray molding and punching machine



AI Overview

Cable tray molding and punching equipment are specialized machines designed to form, punch, and finish metal trays for electrical cable management, offering high precision, automation, and efficiency.

Overview of Cable Tray Manufacturing Equipment

Cable tray production involves transforming metal coils into finished trays such as ladder, perforated, or solid types. The process typically includes decoiling, leveling, roll forming, punching, secondary bending, and shearing. The key machines in this process are:

- Roll Forming Machines:** Shape metal strips into U-channel, C-channel, or ladder profiles through a series of rollers. They often include hydraulic decoilers, leveling units, servo feeders, and shearing systems.
- CNC Press Brakes:** Perform secondary bending to achieve precise angles and structural features.
- Punching Machines:** Create mounting holes, ventilation slots, and knockouts with high accuracy and speed.
- Shearing Machines:** Cut trays to the required lengths.

Cable Tray Punching Machines

These machines are specialized for precise hole and slot punching in cable trays. Key features include:

- High-precision stamping:** The punch exerts strong pressure to deform and penetrate the metal instantly, forming accurate holes.
- Automation and PLC control:** Many machines allow batch settings, length, and quantity control, reducing labor requirements to a single operator.
- Customizable tooling:** Supports various tray sizes and patterns, suitable for trough, ladder, and tray-type structures.
- Durability and efficiency:** Built with high-strength frames for continuous industrial use, ensuring consistent quality and long-term reliability.
- Global standards compliance:** Many machines are ISO and CE certified, with options for OEM customization.

Fully Automated Solutions

Some advanced systems, like the HOPEX fully automatic cable tray punching machine, int...

Article Content

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Cable Tray Machine factory

We offer modular design cable tray production equipment, including integrated molding machines, cover plate machines, and punching machines. These

Cable Tray Punching Machines

Cable tray punching machine serve as vital tools in the building sector, crafted just for streamlining tile production tasks. These complex devices create tiles in many forms, sizes, and base materials to

Cable Tray Punching Machine for Trough Trays

Equipped with durable rollers, robust frames, and reliable hydraulic units, the cable tray punching machine can handle a wide range of tray sizes and thicknesses. It

3kW PLC Cable Tray Punching Machine | 20M/Min Speed

High-speed 3kW electric punching machine for cable tray production. Features PLC control, 6mm max thickness, and 20M/min punching speed. ISO9001 certified.

Cable Tray Machine factory

We provide high-precision cable tray punching machines, molded cable tray equipment, and supporting automated testing equipment for it. Our domestic cable tray punching machine

This machine is ideal for manufacturers producing a variety of cable tray sizes

High Efficiency Intelligent Perforated Cable Tray Production Line ...

Compared to traditional standalone setups involving separate punching and bending stages, this perforated steel cable tray production machine enables an integrated, continuous workflow.

Cable tray punching machine roll forming machine

Cable tray punching machine line punching process: decoil material-leveling-punchand cut-forming -output of table Cable tray making machines,cable tray

cable tray punching machine-Products-Professional Roll Forming

The cable tray punching machine excels in diverse industrial applications where precise perforation is critical for cable tray manufacturing. In electrical infrastructure projects, it produces perforated trays

Cable Tray Sheet Punching Machine

The machine is designed to punch holes, slots, or perforations in cable tray sheets with precision and speed, optimizing your manufacturing capabilities. With

Cable Tray Roll Forming Machine

Multi Size Cable Tray Roll Forming Machine Our latest version of the multi-size cable tray roll forming machine can produce various lengths and heights, suitable

Cable Tray Machine | Cable Tray Punching Machine

The machine is equipped with precision tooling and mechanisms that deliver accurate bending, punching, and forming of the cable tray components. This results in cable trays with precise

Cable Tray Punching Machine

At Shree Jagdamba Enterprises, we offer a comprehensive range of Cable Tray Punching Machines that enable efficient and precise punching of cable tray

cable tray punching machine

cable tray roll forming machine automates precise forming of steel cable trays, with customizable profiles, high-speed production, and durable components. Ideal for electrical construction and

Cable Tray Punching Machines

Our Cable Tray Punching Machines are constructed with sturdy materials and high-quality components, ensuring long-lasting performance and minimal downtime.

Cable Tray Punching Machine Cable Cable Tray Roll Forming Machine

Cable tray forming machine is a specialized equipment used for producing cable trays. It cuts metal plates into different specifications and shapes by unwinding, leveling, punching, forming and cutting.

HOPEX Fully Automatic cable tray punching machine

It combines rolling, punching, cutting and forming in one, realizing full automation with consistent product quality. The machine is user-friendly, durable and highly

Cable Tray Punching Machine

Utilizing advanced automation technology combined with precise punching, bending, and cutting processes, this machine efficiently completes the forming and

Cable Tray Punching Machine for Trough Trays

High-speed cable tray punching machine for trough trays, integrating roll forming, hydraulic punching, and cutting to ensure accuracy, durability, and efficiency.

Cable Tray Manufacturing Machine Solution: CNC Punching, Press

Cable tray manufacturing machine solution for accessories, brackets and sheet metal parts: CNC punching, press brake bending, laser or shearing cutting, molds and tooling.

cable tray punching machine-Products-Professional Roll Forming Machine ...

The cable tray punching machine integrates servo-driven technology with CNC controls, allowing for programmable punch patterns, adjustable hole sizes, and seamless integration into automated

Cable Tray Punching Machine

The perforated cable tray roll forming machine successfully integrated hydraulic punching device or high speed press machine for radiation holes on cable tray. Also the telescope shaft is available to rapid

cable tray punching machine Manufacturer & Supplier in China ...

Revolutionizing Cable Tray Fabrication with Our Punching Machine This is the reason why we are determined to use the latest technology for each of our machines at YINGYEE. We have

110 Ton Power Press Metal Parts Cable Tray Making Machine Punch

High-Precision Metal Forming: Equipped with a 110-ton capacity, this CNC punch press enables precise stamping, punching, and forming of steel, aluminum, and alloy materials for components like cable

Contact Us

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