

Cable tray fittings processing equipment

Article Overview

Cable tray fittings processing equipment includes specialized machines for cutting, bending, punching, roll forming, and finishing metal trays to produce high-quality cable tray systems efficiently.

Core Equipment for Cable Tray Production

1. Shearing Machines Shearing machines are used to cut metal sheets or coils to precise dimensions, forming the initial blanks for cable tray components. High-precision shearing ensures consistent tray sizes and reduces material waste, which is critical for maintaining structural integrity and assembly accuracy . 2. Bending Machines / Press Brakes Bending machines shape metal sheets at predetermined angles to form tray profiles, bends, and fittings. CNC press brakes allow for secondary bending operations with high precision, ensuring uniform angles and structural stability across all tray components . 3. CNC Punching Machines CNC punching units create mounting holes, ventilation slots, and knockouts in metal sheets. These machines can handle complex hole patterns and are essential for ladder, perforated, and wire mesh tray designs. Intelligent punching systems optimize heat dissipation and reduce tray weight while maintaining mechanical strength . 4. Roll Forming Machines Roll forming lines continuously shape metal strips into U-channel, C-channel, ladder, or trough profiles. A complete line typically includes a hydraulic decoiler, leveling unit, servo feeder, roll forming stations, and a flying or fixed-length shear. Roll forming ensures high-speed, continuous production with minimal surface damage . 5. Notching and Straightening Equipment Notching machines cut precise angles or openings for tray fittings, while straightening units ensure the final product is flat and dimensionally accurate. These steps are crucial for assembly and installa...

Article Content

Apr 08, 2026

Cable Tray Manufacturing: A Simple Guide to the Process

Don't worry; this guide covers everything you need to know about the manufacturing

May 17, 2026

Best Practice Guide to Cable Ladder and Cable Tray Systems

This guide covers cable ladder systems, cable tray systems, channel support systems and associated supports intended for the

Aug 12, 2025

Cable tray fittings and accessories

In real-world electrical installations, cable trays rarely run in perfectly straight and uninterrupted paths. Tray

Mar 20, 2026

Cable Tray Roll Forming Machine

At Lotosforming, we specialize in designing and manufacturing state of the art roll forming machines,

Aug 25, 2025

Cable tray

In the electrical wiring of buildings, a cable tray system is used to support insulated electrical cables used for power distribution,

Mar 05, 2026

Cable Tray Technical Guide A practical guide to product selection and ...

Cable Tray Technical Guide A practical guide to product selection and installation This guide for engineers and installers has been

Aug 10, 2025

Cable Tray Fitting Accessories

Quality Cable Tray Fitting Accessories for Sale. Contact JLH Electric For Quality Cable Tray And

Jun 10, 2026

Automatic Cable Tray Roll Forming Machine, Cable Tray Machine ...

The whole cable tray production machine adopts PLC control, AC frequency conversion speed regulation technology, to realize

Aug 21, 2025

Full cable tray systems specification document

B. Cable tray systems are defined to include, but are not limited to straight sections of [ladder type] [trough type] [solid bottom type]

May 18, 2026

Graybar | Electrical Supply, Datacom & Industrial Equipment Distributors

Electrical Distribution Equipment Fasteners and Hardware Fittings Fuses Heating, Ventilation and Air Conditioning Industrial and

Oct 26, 2025

Cable Tray Making Machine

Cable tray making machines are used to manufacture cable trays - an important component in electrical installations

Mar 08, 2026

Cable Tray Fittings

Cable tray fittings, also known as cable tray accessories, are additional components that complement and enhance the functionality

Mar 23, 2026

AutomationDirect | #1 Value in Industrial Automation

Single Conductor Wire Portable Cord Power Cable Tray Rated Cable Low Voltage Control & Signal Cable 600V Control Cable Motor

Jun 25, 2026

Automatic Cable Tray Roll Forming Machine, Cable

The whole cable tray production machine adopts PLC control, AC frequency conversion speed regulation

Jun 11, 2026

Cable Tray SHIB NAL

Cable trays are not raceways, but they are treated as a structural component of a facility's electrical system. Cable trays are a part of

Jan 11, 2026

Cable Tray Roll Forming Machine: Types, Profiles

Whether you need ladder-type, trough-type, or solid-bottom tray profiles, selecting the right

Nov 29, 2025

Cable tray

ABB designs and manufactures cable tray systems, including perforated tray, cable ladder, channel tray and strut (metal framing),

Aug 21, 2025

Aluminum Cable Tray for Factories, Processing Plants

Snap Track® ventilated channel cable tray replaces rigid conduit for the "last mile" cable runs in

May 08, 2026

Cable Tray Manufacturing Machine Solution: CNC Punching, Press

Cable tray manufacturing machine solution for accessories, brackets and sheet metal parts: CNC punching, press

Jan 06, 2026

What Is A Cable Tray? 5 Types Of Cable Trays

A cable tray is a structural system used to support and manage electrical cables in various settings, such as industrial, commercial,

Sep 16, 2025

How to Install Cable Tray: A Comprehensive Guide to Different Cable ...

Welcome to our step-by-step guide on installing cable trays! In this video, we'll explore the

Apr 06, 2026

Production process of cable tray: the entire process from design to ...

As a crucial component of power and electrical engineering, cable trays have complex production processes involving

Jun 16, 2026

Cable Tray | EAE Electric | Medium & heavy duty cable trays

Explore EAE Electric's medium and heavy-duty cable tray systems designed for optimal cable management and durability in

Oct 09, 2025

How Cable Trays Keep Industrial Operations Running Smoothly

Discover the vital role of cable trays in industrial operations. Explore how cable trays streamline processes and ensure

May 01, 2026

Cable Trays

Starting from blanks or working from coil, DIMECO offers different solutions for cable trays manufacturing. The lines we propose

Oct 17, 2025

Premium Cable Tray Fittings

Discover high-performance cable tray fittings engineered for reliability, durability, and easy installation. Our comprehensive range of

Dec 25, 2025

Cable Tray Manufacturing: A Simple Guide to the Process

Explore the cable tray manufacturing process, types of cable trays, and important factors. Learn how it all works in an

Jan 26, 2026

Flow, level, liquid analysis, optical analysis, pressure, temperature ...

People for Process Automation offer you solutions and products in flow, level, liquid analysis, optical analysis, pressure, temperature

Jan 09, 2026

Cable Tray Production Line

With the help of cable tray production machinery lines practical control panel, software and work adjustments, using of our cable tray

Mar 30, 2026

Cable Manufacturing Process Flow Chart

The document outlines the process flows for producing four types of cable support systems: cable tray, cable ladder, cable trunking,

Apr 05, 2026

Cable Tray Production Line | Cable Tray Roll Forming

We customize according to customer requirements and meet your semi-automatic or fully automated

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://www.iiss.co.za>

Email: sales@iiss.co.za

Phone: +27 63 174 2895

Address: Unit 8, Innovation Park, 15 Rivonia Road, Sandton, Johannesburg, 2196, South Africa

This document is for informational purposes only. Specifications subject to change without notice.

