

How to cut the edges when making cable trays



Article Overview

Cutting a cable tray requires proper measurement, marking, the right cutting tool, and edge finishing to ensure safety and maintain structural integrity.

Step-by-Step Guide

1. Prepare and Measure

- Use a measuring tape to determine the exact length or section to cut.
- Mark the cut line clearly with a permanent marker or chalk to ensure accuracy ().

2. Select the Appropriate Cutting Tool

- Band saw: Ideal for thin metal trays; provides clean cuts with minimal burrs ().
- Circular saw: Suitable for light metal trays; cordless options like Hilti SCM 22-A offer precision and safety features ().
- Angle grinder: Offers flexibility for irregular cuts but produces more sparks and requires careful handling ().
- Hacksaw or metal cutting snips: Useful for small or thin sections ().
- Avoid using torches, as they can damage surface coatings and weaken the material ().

3. Secure the Tray

- Clamp the tray firmly in a vise or with clamps to prevent movement during cutting ().

4. Cutting Technique

- Follow the marked line carefully.
- Maintain a steady hand and consistent speed to avoid jagged edges.
- For angle grinders, hold with both hands and protect surrounding materials from s...

Article Content

Dec 22, 2025

Cable Tray Cutting Guide

Developed by Interstates, this cable tray cutting guide acts as a guide for a metal cutting circular saw for cutting the

Jan 25, 2026

Cutting trunking and cable tray

Cutting trunking and cable tray scottchambers36 Oct 12, 2011 angle blade cable cable tray cutting diamond drill trunking

Nov 23, 2025

Cable Tray Trunking & Ladder Installation Method for Projects

Cable Tray, trunking and ladder will be properly supported and stacked in a flat surface. Tray, trunking and ladder will

Mar 18, 2026

Cable Trays

Cable trays are systems that distribute bundles of insulated electrical cables from power supplies to electrical equipment, consisting

Feb 28, 2026

How to Cut a Cable Tray

Proper cutting ensures a clean edge, maintains structural integrity, and prevents damage to the trays or cables. This guide aims to

Oct 09, 2025

How to Calculate Size of Cut to Set Cable Tray

I worked with cable tray about 40 years ago and remember I created a couple of simple formulae to work out how

Jun 13, 2026

CUTTING GUIDELINE

Hilti's cordless bandsaw is an appropriate tool for cutting low height, thin metal products such as cable ladders and trays and support

Jun 08, 2026

Cable tray

Common cable trays are made of galvanized steel, stainless steel, aluminum, or glass-fiber reinforced plastic. The material for a

Mar 06, 2026

Assembly Guide

Guide for making bends, tees, crosses, risers and reducers from straight sections of wire basket cable trays live at the project.

Oct 01, 2025

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

Sep 13, 2025

B-Line series Cable Tray Design Considerations

As an industry leader in cable tray, Eaton offers one of the widest ranges of cable management solutions available in the market

Aug 05, 2025

cable tray bends and offset fabrication table

cable tray bends and offset fabrication table Published July 5, 2017 at 600 × 257 in Cable Tray Ladder Trunking Wire

Oct 05, 2025

cable tray and trunking for electricians (Page 1) / Help Me ! / Math Is ...

By applying the following formula you can quickly find the size of cut out section that you need to cut out of the side of

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How to cut Channels, Cable Ladders and Cable Trays

In the Oglaend System Cutting Guideline you can easily find out what the optimal cutting lengths/intervals are for all

Jan 21, 2026

Installation of Cable Tray, Trunking And Accessories

2. Purpose This method statement for the Installation of Cable Tray, Trunking, and Accessories shows and explains

Apr 10, 2026

Innovative, Flexible, Field-Configurable Wire Basket Tray Solutions

Always make field cuts with the side action angle cutting tool. Mark sections to be cut. Cuts can be made on any finish, width or

Jan 31, 2026

Cable Tray Fabrication: Step-by-Step Channel Processing

This short shows key steps: cutting sheet metal to size, punching or slotting for wire access, bending edges to form

Aug 09, 2025

Trunking Cutting Techniques Guide | PDF | Metalworking | Tools

The document provides instructions for forming various bends and joints in electrical trunking and cable trays. It describes: 1) How to

Apr 08, 2026

CABLE TRAY SYSTEMS GUIDE

Cable Tray Systems Guide HUBBELL Hubbell Wiring Device-Kellems and Hubbell Premise Wiring are divisions of Hubbell

Sep 12, 2025

Cable Tray Ladder Trunking Wire Basket Installation Guidelines

Cut cable tray wires with side-action bolt cutters with offset head to ensure integrity of protective galvanic layer. Remove burrs and

Jan 15, 2026

WBT PROFIBUS Installation Guide

1.3.1 Electrical PROFIBUS cables (part five) Avoid sharp edges Sharp edges can lead to PROFIBUS cable damage. For this reason,

Dec 10, 2025

Electrotechnic / Cable Trays

Electrotechnic / Cable Trays Profile Metal Shear 3520 up to 2.0 mm steel The universal cutting device for the electrical installer,

Mar 24, 2026

Installation Guide Wire Basket Cable Trays

Always use side-action bolt cutters. Angle all cuts away from the new end. Cut each wire with one clean cut whenever possible.

Jul 31, 2025

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You have used your protractor and worked out you need to make a 22° angle in a 600mm cable tray. By applying the

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