

Article Overview

Galvanized cable trays can be safely cut at right angles using band saws, circular saws, or angle grinders, with proper PPE and burr removal.

Recommended Tools and Techniques

- o Band Saw: Ideal for low-height, thin metal trays. Provides accurate cuts with minimal noise and debris. Cordless models like the Hilti SB 4-A22 offer a cutting capacity of 63.5 mm and are easy to handle on-site .
- o Circular Saw: Suitable for light channels and cable trays. Models with chip collectors and blade guards, such as the Hilti SCM 22-A, improve safety and precision .
- o Angle Grinder: Offers flexibility for cutting in tight spaces but produces more splatter and requires careful handling with both hands to avoid injury .
- o Avoid Cutting Torches: Using torches is not recommended as it can damage the galvanized coating and weaken the material .

Safety Precautions

- o Always wear Kevlar gloves, eye protection, headgear, and appropriate footwear when handling and cutting trays .
- o Protect surrounding materials from sparks and overheating during cutting .
- o Remove any burrs after cutting to prevent injuries and ensure proper fitting of tray sections .

Best Practices for Right-Angle Cuts

- o Measure and mark the cut line carefully to maintain a precise 90-degree angle.
- o Use a clamp or guide to stabilize the tray during cutting for accuracy.
- o After cutting, deburr edges using a file or grinder to smooth sharp edges and maintain structural integrity .
- o For modular systems, ensure that cut ends align with bolt-together fittings or splice plates to maintain load-bearing capacity .

By following these guidelines, galvanized cable trays can be cut accurately at right angles while maintaining safety and the integrity of the tray system.

In the Oglaend System Cutting Guideline you can easily find out what the optimal cutting

CUTTING GUIDELINE How to cut Oglaend System Support Channels, Cable Ladders and Cable Trays.



Galvanized cable trays cut at right angles

TechLine Mfg perforated angle and channel cable trays in hot-dip galvanized, aluminum, and 304 stainless steel. UL Classified

Aluminum Cable trays fabricated of extruded aluminum are often used for their high strength-to-weight ratio, superior resistance to

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

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

The galvanized wire then welded and formed into the appropriate basket tray size. Hubbell's pre-galvanized finish performs the same

hello, i am trying to learn how to accurately measure and cut cable tray and trunking to be able to fabricate my own

Eaton's B-Line series cable tray is UL#174; classified as to its suitability as an equipment grounding conductor. If a separate conductor

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

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galvanizing process.

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