

How much does sheet metal cost for a distribution box

Article Overview

The price of sheet metal distribution boxes typically ranges from \$0.50 to \$10 per square foot depending on material, thickness, and customization.

Price Overview

The cost of a sheet metal distribution box varies significantly based on material type, thickness, size, and customization. Common materials include:

- o Mild steel: Most cost-effective, suitable for general-purpose enclosures; typically \$0.50-\$3.50 per square foot for 1-2mm thickness .
- o Stainless steel (304 or 316): Offers corrosion resistance and durability for harsh environments; costs \$2-\$10 per square foot depending on grade and thickness .
- o Aluminum (e.g., 6061-T6): Lightweight and corrosion-resistant, ideal for portable or outdoor applications; pricing is generally higher than mild steel but varies by alloy and fabrication complexity .

Factors Affecting Price

- o Customization and OEM/ODM services: Custom enclosures with specific dimensions, cable entry modifications, busbar fitment, or logo embossing can increase cost. OEM suppliers often provide tailored quotes based on specifications .
- o IP/NEMA ratings: Boxes rated for outdoor use or hazardous environments (e.g., IP65, NEMA 4X) require thicker materials and additional sealing, raising the price .
- o Order volume: Bulk orders reduce per-unit cost, while small or prototype orders are more expensive per unit .
- o Regional manufacturing and supply chain: China, particularly Guangdong, Fujian, and Shanghai, is a major hub for sheet metal fabrication, offering competitive pricing due to mature supply chains and export infrastructure .

Typical Pricing Examples

- o Standard wall-mounted mild steel box: \$50-\$150 per unit for small to medium sizes.
- o Stainless steel outdoor-rated box: \$150-\$500 per unit depending on size and IP/NEMA rating.
- o Custom modular or explosion-proof boxes: Prices vary widely; bulk quotes are recommended from OEM suppliers .

Procurement Tips

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- o Request quotes from multiple suppliers to compare pricing and lead times.
- o Specify material, thickness, IP/NEMA rating, and customization requirements to get accurate pricing.
- o Consider bulk orders to reduce per-unit cost.
- o Verify certifications (ISO, UL, CE) for industrial or safety-critical applications . By considering these factors, buyers can select a sheet metal distribution box that balances cost, durability, and compliance with operational requirements.

Get a detailed breakdown of sheet metal fabrication costs, including material, labor, and equipment expenses. [Learn](#)

Sheet metal fabrication pricing isn't magic -- it's a sum of material, machine time, labor, finish and shipping. [Once](#)

How to calculate the cost of sheet metal products considering cost of raw material, machining processes and the entire production

Explore sheet metal fabrication cost, how to calculate, factors to consider, and tips for lowering the cost at the end.

A Comprehensive Guide to Metal Distribution Boxes 1. Introduction Distribution boxes are a crucial component of any residential,

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Sheet metal cost per square foot varies with material type, thickness, finish, and project scope. This article outlines

We offer an online calculator, Metal Fabrication Price Calculator, to help you quickly determine cost of a fabrication project. It features:

Sheet metal fabrication cost in 2026: real laser cutting, press brake, and welding rates. The 4 design rules that cut sheet metal

Find reliable sheet metal distribution box prices from trusted suppliers. Precision fabrication and durable materials for electrical and

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Need custom sheet metal boxes? Explore our latest price list for stainless steel, aluminum, and galvanized options.

Introduction Sheet metal fabrication is critical across various industries, providing structural components for items as

Septic distribution box (D-box) replacement costs \$600 to \$2,000 on average. Costs vary

Buyers should expect driver factors like aluminum vs steel, quantity, and finishing to influence the final price. This

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