

Ranking of Magnesium Alloy Distribution Box Manufacturers



Overview

Magnesium Elektron Ltd., based in Manchester, UK, is a prominent manufacturer of magnesium and zirconium alloys.

Key Takeaways

Top magnesium alloy manufacturers include Luxfer Holdings, U.S. Magnesium LLC, AMACOR, Weijie Magnesium Industry, and m-tec powder, all recognized for high-quality alloys suitable for distribution boxes and industrial applications. Leading Manufacturers

- Luxfer Holdings PLC – A global leader in advanced materials, Luxfer specializes in high-performance magnesium alloys for aerospace, defense, and automotive sectors. Their extruded alloys are known for lightweight, corrosion resistance, and high strength, making them suitable for distribution boxes requiring durability and thermal management .
- U.S. Magnesium LLC – The only primary magnesium producer in the U.S., offering high-purity magnesium and custom alloy ingots. Their products are widely used in automotive and electronics applications, ensuring supply chain reliability for industrial components like distribution boxes .
- AMACOR (American Magnesium Company) – Focused on automotive, aerospace, and electronics industries, AMACOR provides magnesium alloy ingots and castings with excellent strength-to-weight ratios. They emphasize customized alloys and sustainable production, ideal for specialized distribution box designs .

- Weijie Magnesium Industry Co. – A Chinese manufacturer producing magnesium alloy ingots, plates, and extrusions. Certified with ISO 9001 and ISO 14001, Weijie is recognized for innovative R&D and high-strength, lightweight alloys, suitable for industrial and electronic distribution boxes .

- m-tec powder – Specializes in magnesium alloy powders for additive manufacturing, automotive, and aerospace applications. Their products are notable for precision, lightweight properties, and sustainability, which can be applied in advanced distribution box designs .

Additional Notable Manufacturers

- Posco – Known for high-quality magnesium alloys in automotive and electronics applications .

- Spherical Insights Top 35 Companies – Includes regional leaders in North America and Asia Pacific, reflecting strong demand for lightweight, high-performance magnesium alloys in industrial applications .

- IPROS GMS – Offers a comprehensive product list and technical resources for magnesium alloy components, including die-cast parts suitable for distribution boxes .

- Other Global Players – Several companies listed by Mordor Intelligence are recognized for market share and innovation in magnesium alloys, providing options for sourcing distribution box materials .

Key Considerations for Distribution Box Applications

- Material Strength and Weight – Magnesium alloys provide high specific strength and lightweight properties, reducing overall system weight while maintaining durability .

- Corrosion and Vibration Resistance – Essential for electrical distribution boxes exposed to environmental stress or vibration .

- Customization and Certification – ISO-certified manufacturers like Weijie ensure quality and compliance, while companies like AMACOR offer tailored alloy solutions for specific industrial needs . These manufacturers represent the top-tier suppliers for magnesium alloys suitable for distribution boxes, balancing performance, reliability, and innovation across global markets.

Article Content

Top 10 Companies in the Metal Magnesium Industry (2025): Market

In this analysis, we profile the Top 10 Companies in the Metal Magnesium Industry —global leaders driving innovation

Top 10 Companies in Magnesium Alloys Market in 2024

Here, we spotlight the top 10 magnesium alloy companies globally, showcasing their contributions, innovations, and

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Magnesium alloys are lightweight, high-strength materials widely employed in automotive, aerospace, and

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Magnesium Alloys Companies

This list of the top companies of Magnesium Alloys is drawn from assessments by Mordor Intelligence analysts and expert advisors

Magnesium Manufacturers and Suppliers in the USA and Canada

Distributor of magnesium for pharmaceutical, nutritional supplement, and food industries. Manufacturer and distributor

Magnesium Alloys in or near Southern California (CA) on Thomasnet

Manufacturer and distributor of magnesium and magnesium alloys for the shipbuilding, heavy equipment, defense, construction and

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Discover the top 10 electrical enclosure manufacturers in 2025, leading innovation in safety, durability, and efficiency

Top 10 distribution box manufacturers and suppliers you should know

The right distribution box does more than route electricity – it protects investments and lives. Whether upgrading an

Magnesium Alloy Market Size, Share & Growth Report

Magnesium alloys offer significant weight reductions compared to conventional steel and aluminum components,

Top 10 Electrical Box Brands and Manufacturers in the World 2025

Product Portfolio ABB's extensive product offerings span electrification and automation solutions. This includes durable and reliable

Top Distributors Archive

Download the official easy-to-reference report that includes the rankings of more than 220 distribution companies across 20 key

Magnesium and Magnesium Alloys Suppliers

Discover 90 Magnesium and Magnesium Alloys manufacturers and distributors on GlobalSpec. Find products, technical articles,

Magnesium Alloys Market (2025-2035)

The global magnesium alloys market size was USD 3.20 Billion in 2025 and is expected to register a revenue CAGR

Best Distribution Box Manufacturers

Discover top distribution box manufacturers like J&HW Group offering durable & efficient

Power Distribution Box Manufacturer and Supplier

The distribution box acts as a load center and an electrical power distributor. A distribution box, also known as a distribution board,

Top Companies

The business has amassed enormous knowledge in the trade and supply of magnesium ingots, magnesium alloy

Magnesium USA - Magnesium Extrusion and Low

Manufactured in the U.S.A. Magnesium Extrusion and Low-Pressure Die-Castings Any Shape | Several Mg

Magnesium Alloys Suppliers

Magnesium Alloys Suppliers Distributor of stainless steel, carbon steel, brass, bronze, and aluminum, alloys. Available

Magnesium Alloys Market Size, Growth & Trends Research Report

Magnesium Alloys Market Size & Share Analysis - Growth Trends and Forecast (2026 - 2031) The Magnesium Alloys

MDM TOP DISTRIBUTORS LISTS 2024

Normalization and Tougher Comparables Welcome to Modern Distribution Management's 2024 Top Distributors feature, now in its

Distribution Boxes

REPORT SCOPE This report aims to provide a comprehensive presentation of the global market for Distribution

Magnesium Alloy Brand Ranking

Founded in 1998, Riger Metal is a modern enterprise engaged in the research, development, production and sales of native

Distribution Board Companies

Mordor Intelligence highlights the top companies of Distribution Board and provides details on leaders as well as major players of the

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This is the official code for the paper "Systematically Exploring Redundancy Reduction in Summarizing Long Documents". - Wendy

Top 10 distribution box Manufacturers in the World

Sometimes spend more for better. Where to Find Top Distribution Box Suppliers for Business Looking best suppliers

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Alienware 16X Aurora Gaming Laptop

Focused design Premium build: 16X Aurora is designed with premium materials, such as anodized aluminum on the top and bottom

Top 6 Distribution Box Makers with Innovative Features

See the best distribution box manufacturer picks for 2025, featuring top brands with advanced safety, smart

MDM TOP DISTRIBUTORS LISTS 2025

2024: The Calm Before the Tariff Storm Welcome to Modern Distribution Management's 2025 Top Distributors feature, now in its

Top Distribution Box Manufacturers Compared for 2025

Compare top distribution box manufacturer options for 2025 by quality, innovation, certifications, and

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

