

Global Magnesium Metal Market to Reach a Valuation of US\$ 9 billion by 2033, Rising at a CAGR of 5.4%

The magnesium metal market is poised for substantial growth, driven by advancements in batteries, lightweight automotive applications & sustainability practices



NEWARK, DELAWARE, UNITED STATES, September 14, 2023

/EINPresswire.com/ -- The [magnesium metal market size](#) is predicted to be valued at US\$ 5.3 billion in 2023 and US\$ 9 billion by 2033. Over the projection period, sales in the magnesium metal market are expected to increase at a CAGR of 5.4%.

A significant opportunity lies in the development of magnesium-based batteries. As the demand for energy storage solutions increases, researchers are exploring magnesium as an alternative to lithium-ion batteries. Magnesium-based batteries have the potential for higher energy density, longer lifespan, and improved safety, opening up new avenues for magnesium metal manufacturers.

A promising opportunity is the use of magnesium alloys in lightweight automotive applications. With the growing focus on fuel efficiency and reducing carbon emissions, automakers are seeking lightweight materials for vehicle components. Magnesium alloys offer an excellent strength-to-weight ratio, making them an ideal choice for lightweight automotive parts. Expanding into the automotive sector can drive significant growth in the magnesium metal market.

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In terms of trends, sustainability is a key driver. The magnesium metal industry is increasingly adopting sustainable practices, including efficient recycling processes, reducing energy consumption, and minimizing waste. This trend aligns with the global push towards eco-friendly manufacturing and supports the market's growth potential. Advancements in additive manufacturing or 3D printing technology offer exciting [prospects for magnesium metal](#). 3D printing enables complex designs and customization, opening doors to new applications and creating opportunities for magnesium-based products in various industries.

Key Takeaways from the Magnesium Metal Market:

As per FMI, the United States is spearheading the growth across North America, growing at a CAGR of 7% in 2022.

As per Future Market Insights, the Asia Pacific region held the largest portion of revenue, surpassing 43% in terms of market share in 2022.

As per FMI, the die-casting application segment held the largest share of revenue, surpassing 37% of the total market share in 2022.

“The magnesium metal market exhibits steady growth potential, driven by its versatile applications across industries. Increasing demand, technological advancements, and focus on sustainability are key factors shaping the market's future”, remarks an analyst at FMI.

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How Key Players are revolutionizing the Manufacturing of Magnesium Metal Market?

Key players in the magnesium metal market are revolutionizing the manufacturing process through various innovative approaches. They are investing in advanced technologies and production methods to enhance efficiency, reduce costs, and improve product quality.

These players are adopting environmentally friendly techniques, such as using renewable energy sources and implementing recycling programs to minimize waste. Research and development efforts are focused on developing new alloys and improving the properties of magnesium metal to expand its applications in industries like automotive, aerospace, and electronics. Overall, the key players' commitment to innovation and sustainability is driving significant advancements in the manufacturing of magnesium metal, leading to a more efficient and eco-friendly production process.

Key Players in the Market:

US Magnesium LLC.

Dead Sea Magnesium Ltd

POSCO, RIMA Group

Solikamsk Magnesium Works OAO

Wenxi YinGuang Magnesium Industry (Group) Co., Ltd.

Shanxi Wenxi Hongfu Magnesium Co., Ltd.

Shanxi Wenxi Zhenxin Magnesium Co., Ltd.,

Taiyuan Tongxiang Magnesium Co., Ltd.

Product Portfolio:

US Magnesium LLC offers a comprehensive product portfolio of high-quality magnesium products, including ingots, extrusions, powders, and specialty alloys. Their diverse range caters to various industries such as automotive, aerospace, electronics, and construction, meeting the stringent requirements of customers worldwide.

Dead Sea Magnesium Ltd boasts a product portfolio featuring a wide array of magnesium products, including ingots, billets, sheets, and rods. Their offerings are derived from the rich resources of the Dead Sea, known for its exceptional purity and quality. These products serve industries such as automotive, medical, and telecommunications, among others.

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Market Segmentation

By Application Type:

- Die-casting
- Aluminium Alloys
- Metal Reduction
- Desulphurization
- Others

By Region:

- North America
- Latin America
- Europe
- Asia Pacific
- Middle East and Africa

More Insights Available

Future Market Insights offers an unbiased analysis of the magnesium metal market, providing historical data from 2018 to 2022 and forecast statistics from 2023 to 2033.

To understand opportunities in the magnesium metal market, the report is segmented on the basis of Application (Die-casting, Aluminium Alloys, Metal Reduction, Desulphurization and Others), across 5 major regions (North America, Latin America, Europe, Asia Pacific, and Middle East & Africa).

Authors:

Nikhil Kaitwade (Associate Vice President at Future Market Insights, Inc.) has over a decade of experience in market research and business consulting. He has successfully delivered 1500+ client assignments, predominantly in the Automotive, Chemicals, Industrial Equipment, Oil & Gas, and Service industries.

Have a Look at the Related Reports of Chemicals & Materials Domain:

[Magnesium Oxide Market Share](#): The global magnesium oxide market is projected to reach US\$ 6.15 billion in 2023 and is projected to reach US\$ 16 billion by 2033.

Magnesium Carbonate Market Size: Magnesium carbonate sales are projected to increase at a CAGR of 4.7% by 2032.

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