

Metal Injection Molding Market Size, Share, Trends and Forecast by Material Type, End Use Industry, and Region, 2025-2033

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Report description:

The global metal injection molding market size was valued at USD 4.6 Billion in 2024. Looking forward, IMARC Group estimates the market to reach USD 9.5 Billion by 2033, exhibiting a CAGR of 8.21% from 2025-2033. In 2024, United States accounted for 83.38% of the metal injection molding market share in North America. The market is growing rapidly due to the increasing requirement for miniaturized components in electronics and healthcare sectors, rising demand for lightweight parts in the automotive industry, expanding need in medical and dental applications, heightened awareness about the technique's cost-efficiency in mass production, and rapid advancements in material science.

Metal injection molding (MIM) refers to an advanced, cost-effective, metalworking procedure, wherein finely powdered metal is mixed with binder material to manufacture the output of feedstocks. These raw materials are further solidified and shaped accurately with the assistance of injection molding. After formation, conditioning operations are executed on finished feedstocks for sintering, removing binders, and densifying the powders. MIM offers corrosion, thermal stability, high mechanical strength, and dimensional stability to small, finished metal products, due to which they are extensively employed across various industrial applications.

Metal Injection Molding Market Trends:

One of the key factors primarily driving the metal injection molding market growth is the widespread product adoption in the automotive sector for producing precise, lightweight, and high-quality motorized parts in large quantity. These components are further used to manufacture various vehicular parts, such as steering, gearbox, locking mechanisms and turbochargers. In line with this, the extensive deployment of metal injection molding technology for manufacturing surgical equipment, including ablation electrodes, endoscopic graspers, scissors, orthopedic tools, and trauma plates is acting as another growth-inducing factor. Moreover, the shifting inclination of manufacturers toward MIM solutions over conventional molding procedures is contributing to the market growth. Metal injection molding assists in completing operations at affordable prices and reducing the

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production time and wastage of raw materials used in the production of feedstocks. Other factors, such as rapid urbanization and industrialization, particularly in emerging economies, strategic collaborations amongst key players and the rising investments in research and development (R&D) activities to introduce advanced MIM for mass designing complex shaped metal components are creating a positive outlook for the market.

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Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each segment of the global metal injection molding market, along with forecast at the global, regional, and country levels from 2025-2033. The market has been categorized based on material type and end use industry.

Breakup by Material Type:

- Stainless Steel
- Low Alloy Steel
- Soft Magnetic Material
- Others

Breakup by End Use Industry:

- Electrical and Electronics
- Automotive
- Medical and Orthodontics
- Consumer Products
- Firearms and Defense
- Others

Breakup by Region:

- North America
- United States
- Canada
- Asia-Pacific
- China
- Japan
- India
- South Korea

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- Australia
- Indonesia
- Others
- Europe
- Germany
- France
- United Kingdom
- Italy
- Spain
- Russia
- Others
- Latin America
- Brazil
- Mexico
- Others
- Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being Amphenol Corporation, ARC Group Worldwide Inc., ATW Companies Inc., CMG Technologies, CN Innovations Ltd., Dean Group International Ltd, Ernst Reiner GmbH & Co. KG, Metal Powder Products LLC, Parmaco Metal Injection Molding AG, Sintex a/s, Smith Metal Products and Tanfel Metal.

Key Questions Answered in This Report

- 1.How big is the metal injection molding market?
- 2.What is the future outlook of the metal injection molding market?
- 3.What are the key factors driving the metal injection molding market?
- 4.Which region accounts for the largest metal injection molding market share?
- 5.Which are the leading companies in the global metal injection molding market?

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