

Metal Injection Molding Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented By Material Type (Stainless Steel, Low Alloy Steel and Soft Magnetic Material), By End-use Industry (Automotive, Medical & Healthcare, Electrical & Electronics and Others), By Region & Competition, 2021-2031F

<https://marketpublishers.com/r/M91586E21431EN.html>

Date: January 2026

Pages: 185

Price: US\$ 4,500.00 (Single User License)

ID: M91586E21431EN

Abstracts

The Global Metal Injection Molding Market is projected to expand from USD 6.92 Billion in 2025 to USD 10.73 Billion by 2031, registering a compound annual growth rate of 7.58%. Metal Injection Molding (MIM) is a manufacturing technique that blends fine metal powders with binder materials to form a feedstock, which is then shaped via injection molding and solidified through sintering to attain high density. The market is primarily driven by increasing requirements for miniaturized and geometrically complex components within the automotive and medical sectors, which are challenging to fabricate using conventional machining methods. Additionally, the technology's capacity to produce intricate, durable, and high-precision parts at scale continues to foster its adoption for critical applications.

Despite these growth prospects, the market faces significant hurdles related to supply chain volatility and inventory fluctuations, which threaten production stability and profitability. According to the Metal Powder Industries Federation, combined North American metal powder shipments for metal injection molding and additive manufacturing were estimated to have declined by 10% in 2024, largely attributed to inventory corrections and market instability. This contraction underscores the industry's vulnerability to broader economic shifts and inconsistencies in raw material availability, posing a substantial challenge to steady expansion.

Market Driver

The rapid integration of lightweight components into electric vehicles serves as a major catalyst for the Global Metal Injection Molding Market. Automotive producers are increasingly adopting this technology to manufacture high-strength, complex items like transmission gears, connectors, and sensor housings that need little to no secondary machining. This transition is motivated by the sector's critical requirement to minimize vehicle weight to extend battery range while maintaining structural strength. According to the 'State of the PM Industry in North America?2024' report released by the Metal Powder Industries Federation in June 2024, the average North American passenger vehicle utilized roughly 14.8 kilograms of powder metallurgy components in 2024, highlighting the continued dependence on sintered technologies for automotive structural efficiency despite market variability.

Furthermore, the development of multi-material and high-performance alloy feedstocks is broadening the technology's applicability beyond conventional uses. Innovations in powder atomization and binder systems enable the creation of components with enhanced mechanical and thermal properties, rendering them appropriate for challenging environments in industrial tooling and aerospace. For instance, according to a November 2024 press release titled 'Sandvik to showcase latest range of metal powders at Formnext 2024,' Sandvik AB introduced Osprey HWTS 50, a hot-work tool steel powder designed for metal injection molding and additive manufacturing to improve thermal fatigue resistance. These material advancements are bolstering the financial performance of leading manufacturers; according to Indo-MIM Limited, the company reported revenue of Rs. 2,920 Crores (approximately USD 350 million) for the fiscal year ending March 31, 2024, reflecting strong demand for precision metal solutions.

Market Challenge

Supply chain volatility and the fluctuation of inventory levels represent considerable obstacles to the continuous growth of the Global Metal Injection Molding Market. Because the sector depends heavily on the reliable supply of specific metal powders, it is acutely susceptible to interruptions in raw material flow. To mitigate supply uncertainty, manufacturers frequently stockpile excess inventory, which generates artificial spikes in demand that are subsequently followed by severe periods of stagnation. This erratic cycle disrupts production schedules and restricts working capital, thereby limiting companies' capacity to expand operations or respond swiftly to

actual end-market requirements.

Recent industry data quantifies the adverse effects of these disruptions. According to the Metal Powder Industries Federation, North American shipments of stainless steel powders were estimated to have fallen by 11% in 2024. Given that stainless steel is a primary feedstock for MIM applications, this reduction indicates that the industry was compelled to contract in order to adjust for previously inflated inventory levels. Such oscillations impede the market's progress by substituting consistent growth with cycles of oversupply and sharp retraction, complicating long-term strategic planning for manufacturers.

Market Trends

The commercialization of metal-ceramic composite feedstocks is transforming the material landscape as manufacturers increasingly focus on wear-resistant applications within the mining and industrial sectors. This trend entails processing hard materials, such as tungsten carbide, which provide durability superior to standard ferrous alloys, facilitating the creation of components designed for extreme operating conditions. This shift toward high-performance composites is evidenced by specific sectoral growth; according to the 'State of the PM Industry in North America?2025' report by the Metal Powder Industries Federation in June 2025, shipments of tungsten carbide powder rose by 21.1% in 2024, marking a significant growth area amidst a general downturn in traditional metal powder volumes.

Simultaneously, the convergence of Metal Injection Molding with binder jetting additive manufacturing is accelerating as companies attempt to bridge the divide between rapid prototyping and mass production. By incorporating binder jetting, manufacturers can create complex, tool-free prototypes that exhibit material properties identical to sintered MIM parts, thereby simplifying the validation process for high-volume orders. This strategic integration is driving substantial investment; according to an October 2025 article by 3DPrint.com titled 'India's INDO-MIM Files for \$113 Million IPO to Expand Metal Operations, Including 3D Printing,' Indo-MIM filed to raise roughly USD 113 million to finance capacity expansions, which includes the implementation of advanced binder jetting systems.

Key Market Players

ARC Group Worldwide

Dynacast International

Phillips-Medisize

NetShape Technologies

Smith Metal Products

Dean Group International

CMG Technologies

Sintex A/S

Future High-Tech

Parmatech Corporation

Report Scope

In this report, the Global Metal Injection Molding Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

Metal Injection Molding Market, By Material Type

Stainless Steel

Low Alloy Steel

Soft Magnetic Material

Metal Injection Molding Market, By End-use Industry

Automotive

Medical & Healthcare

Electrical & Electronics

Others

Metal Injection Molding Market, By Region

North America

United States

Canada

Mexico

Europe

France

United Kingdom

Italy

Germany

Spain

Asia Pacific

China

India

Japan

Australia

South Korea

South America

Brazil

Argentina

Colombia

Middle East & Africa

South Africa

Saudi Arabia

UAE

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the Global Metal Injection Molding Market.

Available Customizations:

Global Metal Injection Molding Market report with the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional market players (up to five).

Contents

1. PRODUCT OVERVIEW

- 1.1. Market Definition
- 1.2. Scope of the Market
 - 1.2.1. Markets Covered
 - 1.2.2. Years Considered for Study
 - 1.2.3. Key Market Segmentations

2. RESEARCH METHODOLOGY

- 2.1. Objective of the Study
- 2.2. Baseline Methodology
- 2.3. Key Industry Partners
- 2.4. Major Association and Secondary Sources
- 2.5. Forecasting Methodology
- 2.6. Data Triangulation & Validation
- 2.7. Assumptions and Limitations

3. EXECUTIVE SUMMARY

- 3.1. Overview of the Market
- 3.2. Overview of Key Market Segmentations
- 3.3. Overview of Key Market Players
- 3.4. Overview of Key Regions/Countries
- 3.5. Overview of Market Drivers, Challenges, Trends

4. VOICE OF CUSTOMER

5. GLOBAL METAL INJECTION MOLDING MARKET OUTLOOK

- 5.1. Market Size & Forecast
 - 5.1.1. By Value
- 5.2. Market Share & Forecast
 - 5.2.1. By Material Type (Stainless Steel, Low Alloy Steel, Soft Magnetic Material)
 - 5.2.2. By End-use Industry (Automotive, Medical & Healthcare, Electrical & Electronics, Others)
 - 5.2.3. By Region

- 5.2.4. By Company (2025)
- 5.3. Market Map

6. NORTH AMERICA METAL INJECTION MOLDING MARKET OUTLOOK

- 6.1. Market Size & Forecast
 - 6.1.1. By Value
- 6.2. Market Share & Forecast
 - 6.2.1. By Material Type
 - 6.2.2. By End-use Industry
 - 6.2.3. By Country
- 6.3. North America: Country Analysis
 - 6.3.1. United States Metal Injection Molding Market Outlook
 - 6.3.1.1. Market Size & Forecast
 - 6.3.1.1.1. By Value
 - 6.3.1.2. Market Share & Forecast
 - 6.3.1.2.1. By Material Type
 - 6.3.1.2.2. By End-use Industry
 - 6.3.2. Canada Metal Injection Molding Market Outlook
 - 6.3.2.1. Market Size & Forecast
 - 6.3.2.1.1. By Value
 - 6.3.2.2. Market Share & Forecast
 - 6.3.2.2.1. By Material Type
 - 6.3.2.2.2. By End-use Industry
 - 6.3.3. Mexico Metal Injection Molding Market Outlook
 - 6.3.3.1. Market Size & Forecast
 - 6.3.3.1.1. By Value
 - 6.3.3.2. Market Share & Forecast
 - 6.3.3.2.1. By Material Type
 - 6.3.3.2.2. By End-use Industry

7. EUROPE METAL INJECTION MOLDING MARKET OUTLOOK

- 7.1. Market Size & Forecast
 - 7.1.1. By Value
- 7.2. Market Share & Forecast
 - 7.2.1. By Material Type
 - 7.2.2. By End-use Industry
 - 7.2.3. By Country

7.3. Europe: Country Analysis

7.3.1. Germany Metal Injection Molding Market Outlook

7.3.1.1. Market Size & Forecast

7.3.1.1.1. By Value

7.3.1.2. Market Share & Forecast

7.3.1.2.1. By Material Type

7.3.1.2.2. By End-use Industry

7.3.2. France Metal Injection Molding Market Outlook

7.3.2.1. Market Size & Forecast

7.3.2.1.1. By Value

7.3.2.2. Market Share & Forecast

7.3.2.2.1. By Material Type

7.3.2.2.2. By End-use Industry

7.3.3. United Kingdom Metal Injection Molding Market Outlook

7.3.3.1. Market Size & Forecast

7.3.3.1.1. By Value

7.3.3.2. Market Share & Forecast

7.3.3.2.1. By Material Type

7.3.3.2.2. By End-use Industry

7.3.4. Italy Metal Injection Molding Market Outlook

7.3.4.1. Market Size & Forecast

7.3.4.1.1. By Value

7.3.4.2. Market Share & Forecast

7.3.4.2.1. By Material Type

7.3.4.2.2. By End-use Industry

7.3.5. Spain Metal Injection Molding Market Outlook

7.3.5.1. Market Size & Forecast

7.3.5.1.1. By Value

7.3.5.2. Market Share & Forecast

7.3.5.2.1. By Material Type

7.3.5.2.2. By End-use Industry

8. ASIA PACIFIC METAL INJECTION MOLDING MARKET OUTLOOK

8.1. Market Size & Forecast

8.1.1. By Value

8.2. Market Share & Forecast

8.2.1. By Material Type

8.2.2. By End-use Industry

8.2.3. By Country

8.3. Asia Pacific: Country Analysis

8.3.1. China Metal Injection Molding Market Outlook

8.3.1.1. Market Size & Forecast

8.3.1.1.1. By Value

8.3.1.2. Market Share & Forecast

8.3.1.2.1. By Material Type

8.3.1.2.2. By End-use Industry

8.3.2. India Metal Injection Molding Market Outlook

8.3.2.1. Market Size & Forecast

8.3.2.1.1. By Value

8.3.2.2. Market Share & Forecast

8.3.2.2.1. By Material Type

8.3.2.2.2. By End-use Industry

8.3.3. Japan Metal Injection Molding Market Outlook

8.3.3.1. Market Size & Forecast

8.3.3.1.1. By Value

8.3.3.2. Market Share & Forecast

8.3.3.2.1. By Material Type

8.3.3.2.2. By End-use Industry

8.3.4. South Korea Metal Injection Molding Market Outlook

8.3.4.1. Market Size & Forecast

8.3.4.1.1. By Value

8.3.4.2. Market Share & Forecast

8.3.4.2.1. By Material Type

8.3.4.2.2. By End-use Industry

8.3.5. Australia Metal Injection Molding Market Outlook

8.3.5.1. Market Size & Forecast

8.3.5.1.1. By Value

8.3.5.2. Market Share & Forecast

8.3.5.2.1. By Material Type

8.3.5.2.2. By End-use Industry

9. MIDDLE EAST & AFRICA METAL INJECTION MOLDING MARKET OUTLOOK

9.1. Market Size & Forecast

9.1.1. By Value

9.2. Market Share & Forecast

9.2.1. By Material Type

- 9.2.2. By End-use Industry
- 9.2.3. By Country
- 9.3. Middle East & Africa: Country Analysis
 - 9.3.1. Saudi Arabia Metal Injection Molding Market Outlook
 - 9.3.1.1. Market Size & Forecast
 - 9.3.1.1.1. By Value
 - 9.3.1.2. Market Share & Forecast
 - 9.3.1.2.1. By Material Type
 - 9.3.1.2.2. By End-use Industry
 - 9.3.2. UAE Metal Injection Molding Market Outlook
 - 9.3.2.1. Market Size & Forecast
 - 9.3.2.1.1. By Value
 - 9.3.2.2. Market Share & Forecast
 - 9.3.2.2.1. By Material Type
 - 9.3.2.2.2. By End-use Industry
 - 9.3.3. South Africa Metal Injection Molding Market Outlook
 - 9.3.3.1. Market Size & Forecast
 - 9.3.3.1.1. By Value
 - 9.3.3.2. Market Share & Forecast
 - 9.3.3.2.1. By Material Type
 - 9.3.3.2.2. By End-use Industry

10. SOUTH AMERICA METAL INJECTION MOLDING MARKET OUTLOOK

- 10.1. Market Size & Forecast
 - 10.1.1. By Value
- 10.2. Market Share & Forecast
 - 10.2.1. By Material Type
 - 10.2.2. By End-use Industry
 - 10.2.3. By Country
- 10.3. South America: Country Analysis
 - 10.3.1. Brazil Metal Injection Molding Market Outlook
 - 10.3.1.1. Market Size & Forecast
 - 10.3.1.1.1. By Value
 - 10.3.1.2. Market Share & Forecast
 - 10.3.1.2.1. By Material Type
 - 10.3.1.2.2. By End-use Industry
 - 10.3.2. Colombia Metal Injection Molding Market Outlook
 - 10.3.2.1. Market Size & Forecast

- 10.3.2.1.1. By Value
- 10.3.2.2. Market Share & Forecast
 - 10.3.2.2.1. By Material Type
 - 10.3.2.2.2. By End-use Industry
- 10.3.3. Argentina Metal Injection Molding Market Outlook
 - 10.3.3.1. Market Size & Forecast
 - 10.3.3.1.1. By Value
 - 10.3.3.2. Market Share & Forecast
 - 10.3.3.2.1. By Material Type
 - 10.3.3.2.2. By End-use Industry

11. MARKET DYNAMICS

- 11.1. Drivers
- 11.2. Challenges

12. MARKET TRENDS & DEVELOPMENTS

- 12.1. Merger & Acquisition (If Any)
- 12.2. Product Launches (If Any)
- 12.3. Recent Developments

13. GLOBAL METAL INJECTION MOLDING MARKET: SWOT ANALYSIS

14. PORTER'S FIVE FORCES ANALYSIS

- 14.1. Competition in the Industry
- 14.2. Potential of New Entrants
- 14.3. Power of Suppliers
- 14.4. Power of Customers
- 14.5. Threat of Substitute Products

15. COMPETITIVE LANDSCAPE

- 15.1. ARC Group Worldwide
 - 15.1.1. Business Overview
 - 15.1.2. Products & Services
 - 15.1.3. Recent Developments
 - 15.1.4. Key Personnel

- 15.1.5. SWOT Analysis
- 15.2. Dynacast International
- 15.3. Phillips-Medisize
- 15.4. NetShape Technologies
- 15.5. Smith Metal Products
- 15.6. Dean Group International
- 15.7. CMG Technologies
- 15.8. Sintex A/S
- 15.9. Future High-Tech
- 15.10. Parmatech Corporation

16. STRATEGIC RECOMMENDATIONS

17. ABOUT US & DISCLAIMER

I would like to order

Product name: Metal Injection Molding Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented By Material Type (Stainless Steel, Low Alloy Steel and Soft Magnetic Material), By End-use Industry (Automotive, Medical & Healthcare, Electrical & Electronics and Others), By Region & Competition, 2021-2031F

Product link: <https://marketpublishers.com/r/M91586E21431EN.html>

Price: US\$ 4,500.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/M91586E21431EN.html>