

Metal Injection Molding Market Report by Material Type (Stainless Steel, Low Alloy Steel, Soft Magnetic Material, and Others), End Use Industry (Electrical and Electronics, Automotive, Medical and Orthodontics, Consumer Products, Firearms and Defense, and Others), and Region 2024-2032

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Abstracts

The global metal injection molding market size reached US\$ 4.2 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 9.1 Billion by 2032, exhibiting a growth rate (CAGR) of 8.64% during 2024-2032.

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 offer 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 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 sub-segment of the global metal injection molding market report, along with forecasts at the global, regional and country level from 2024-2032. Our report has categorized the market 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

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. What was the size of the global metal injection molding market in 2023?
2. What is the expected growth rate of the global metal injection molding market during 2024-2032?
3. What has been the impact of COVID-19 on the global metal injection molding market?
4. What are the key factors driving the global metal injection molding market?
5. What is the breakup of the global metal injection molding market based on the material type?
6. What is the breakup of the global metal injection molding market based on the end use industry?
7. What are the key regions in the global metal injection molding market?
8. Who are the key players/companies in the global metal injection molding market?

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