

# 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

<https://marketpublishers.com/r/M1E5CA5B24E2EN.html>

Date: March 2024

Pages: 143

Price: US\$ 3,899.00 (Single User License)

ID: M1E5CA5B24E2EN

## 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.

#### 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.

#### 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?

## Contents

### **1 PREFACE**

### **2 SCOPE AND METHODOLOGY**

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
  - 2.3.1 Primary Sources
  - 2.3.2 Secondary Sources
- 2.4 Market Estimation
  - 2.4.1 Bottom-Up Approach
  - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

### **3 EXECUTIVE SUMMARY**

### **4 INTRODUCTION**

- 4.1 Overview
- 4.2 Key Industry Trends

### **5 GLOBAL METAL INJECTION MOLDING MARKET**

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market Forecast

### **6 MARKET BREAKUP BY MATERIAL TYPE**

- 6.1 Stainless Steel
  - 6.1.1 Market Trends
  - 6.1.2 Market Forecast
- 6.2 Low Alloy Steel
  - 6.2.1 Market Trends
  - 6.2.2 Market Forecast
- 6.3 Soft Magnetic Material

- 6.3.1 Market Trends
- 6.3.2 Market Forecast
- 6.4 Others
  - 6.4.1 Market Trends
  - 6.4.2 Market Forecast

## **7 MARKET BREAKUP BY END USE INDUSTRY**

- 7.1 Electrical and Electronics
  - 7.1.1 Market Trends
  - 7.1.2 Market Forecast
- 7.2 Automotive
  - 7.2.1 Market Trends
  - 7.2.2 Market Forecast
- 7.3 Medical and Orthodontics
  - 7.3.1 Market Trends
  - 7.3.2 Market Forecast
- 7.4 Consumer Products
  - 7.4.1 Market Trends
  - 7.4.2 Market Forecast
- 7.5 Firearms and Defense
  - 7.5.1 Market Trends
  - 7.5.2 Market Forecast
- 7.6 Others
  - 7.6.1 Market Trends
  - 7.6.2 Market Forecast

## **8 MARKET BREAKUP BY REGION**

- 8.1 North America
  - 8.1.1 United States
    - 8.1.1.1 Market Trends
    - 8.1.1.2 Market Forecast
  - 8.1.2 Canada
    - 8.1.2.1 Market Trends
    - 8.1.2.2 Market Forecast
- 8.2 Asia-Pacific
  - 8.2.1 China
    - 8.2.1.1 Market Trends

- 8.2.1.2 Market Forecast
- 8.2.2 Japan
  - 8.2.2.1 Market Trends
  - 8.2.2.2 Market Forecast
- 8.2.3 India
  - 8.2.3.1 Market Trends
  - 8.2.3.2 Market Forecast
- 8.2.4 South Korea
  - 8.2.4.1 Market Trends
  - 8.2.4.2 Market Forecast
- 8.2.5 Australia
  - 8.2.5.1 Market Trends
  - 8.2.5.2 Market Forecast
- 8.2.6 Indonesia
  - 8.2.6.1 Market Trends
  - 8.2.6.2 Market Forecast
- 8.2.7 Others
  - 8.2.7.1 Market Trends
  - 8.2.7.2 Market Forecast
- 8.3 Europe
  - 8.3.1 Germany
    - 8.3.1.1 Market Trends
    - 8.3.1.2 Market Forecast
  - 8.3.2 France
    - 8.3.2.1 Market Trends
    - 8.3.2.2 Market Forecast
  - 8.3.3 United Kingdom
    - 8.3.3.1 Market Trends
    - 8.3.3.2 Market Forecast
  - 8.3.4 Italy
    - 8.3.4.1 Market Trends
    - 8.3.4.2 Market Forecast
  - 8.3.5 Spain
    - 8.3.5.1 Market Trends
    - 8.3.5.2 Market Forecast
  - 8.3.6 Russia
    - 8.3.6.1 Market Trends
    - 8.3.6.2 Market Forecast
  - 8.3.7 Others

8.3.7.1 Market Trends

8.3.7.2 Market Forecast

8.4 Latin America

8.4.1 Brazil

8.4.1.1 Market Trends

8.4.1.2 Market Forecast

8.4.2 Mexico

8.4.2.1 Market Trends

8.4.2.2 Market Forecast

8.4.3 Others

8.4.3.1 Market Trends

8.4.3.2 Market Forecast

8.5 Middle East and Africa

8.5.1 Market Trends

8.5.2 Market Breakup by Country

8.5.3 Market Forecast

## **9 SWOT ANALYSIS**

9.1 Overview

9.2 Strengths

9.3 Weaknesses

9.4 Opportunities

9.5 Threats

## **10 VALUE CHAIN ANALYSIS**

## **11 PORTERS FIVE FORCES ANALYSIS**

11.1 Overview

11.2 Bargaining Power of Buyers

11.3 Bargaining Power of Suppliers

11.4 Degree of Competition

11.5 Threat of New Entrants

11.6 Threat of Substitutes

## **12 PRICE ANALYSIS**

## **13 COMPETITIVE LANDSCAPE**



- 13.1 Market Structure
- 13.2 Key Players
- 13.3 Profiles of Key Players
  - 13.3.1 Amphenol Corporation
    - 13.3.1.1 Company Overview
    - 13.3.1.2 Product Portfolio
    - 13.3.1.3 Financials
    - 13.3.1.4 SWOT Analysis
  - 13.3.2 ARC Group Worldwide Inc.
    - 13.3.2.1 Company Overview
    - 13.3.2.2 Product Portfolio
    - 13.3.2.3 Financials
  - 13.3.3 ATW Companies Inc.
    - 13.3.3.1 Company Overview
    - 13.3.3.2 Product Portfolio
  - 13.3.4 CMG Technologies
    - 13.3.4.1 Company Overview
    - 13.3.4.2 Product Portfolio
  - 13.3.5 CN Innovations Ltd.
    - 13.3.5.1 Company Overview
    - 13.3.5.2 Product Portfolio
  - 13.3.6 Dean Group International Ltd
    - 13.3.6.1 Company Overview
    - 13.3.6.2 Product Portfolio
  - 13.3.7 Ernst Reiner GmbH & Co. KG
    - 13.3.7.1 Company Overview
    - 13.3.7.2 Product Portfolio
  - 13.3.8 Metal Powder Products LLC
    - 13.3.8.1 Company Overview
    - 13.3.8.2 Product Portfolio
  - 13.3.9 Parmaco Metal Injection Molding AG
    - 13.3.9.1 Company Overview
    - 13.3.9.2 Product Portfolio
  - 13.3.10 Sintex a/s
    - 13.3.10.1 Company Overview
    - 13.3.10.2 Product Portfolio
  - 13.3.11 Smith Metal Products
    - 13.3.11.1 Company Overview

- 13.3.11.2 Product Portfolio
- 13.3.12 Tafel Metal
  - 13.3.12.1 Company Overview
  - 13.3.12.2 Product Portfolio

## List Of Tables

### LIST OF TABLES

Table 1: Global: Metal Injection Molding Market: Key Industry Highlights, 2023 and 2032

Table 2: Global: Metal Injection Molding Market Forecast: Breakup by Material Type (in Million US\$), 2024-2032

Table 3: Global: Metal Injection Molding Market Forecast: Breakup by End Use Industry (in Million US\$), 2024-2032

Table 4: Global: Metal Injection Molding Market Forecast: Breakup by Region (in Million US\$), 2024-2032

Table 5: Global: Metal Injection Molding Market: Competitive Structure

Table 6: Global: Metal Injection Molding Market: Key Players

## List Of Figures

### LIST OF FIGURES

Figure 1: Global: Metal Injection Molding Market: Major Drivers and Challenges

Figure 2: Global: Metal Injection Molding Market: Sales Value (in Billion US\$), 2018-2023

Figure 3: Global: Metal Injection Molding Market Forecast: Sales Value (in Billion US\$), 2024-2032

Figure 4: Global: Metal Injection Molding Market: Breakup by Material Type (in %), 2023

Figure 5: Global: Metal Injection Molding Market: Breakup by End Use Industry (in %), 2023

Figure 6: Global: Metal Injection Molding Market: Breakup by Region (in %), 2023

Figure 7: Global: Metal Injection Molding (Stainless Steel) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 8: Global: Metal Injection Molding (Stainless Steel) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 9: Global: Metal Injection Molding (Low Alloy Steel) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 10: Global: Metal Injection Molding (Low Alloy Steel) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 11: Global: Metal Injection Molding (Soft Magnetic Material) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 12: Global: Metal Injection Molding (Soft Magnetic Material) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 13: Global: Metal Injection Molding (Other Material Types) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 14: Global: Metal Injection Molding (Other Material Types) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 15: Global: Metal Injection Molding (Electrical and Electronics) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 16: Global: Metal Injection Molding (Electrical and Electronics) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 17: Global: Metal Injection Molding (Automotive) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 18: Global: Metal Injection Molding (Automotive) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 19: Global: Metal Injection Molding (Medical and Orthodontics) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 20: Global: Metal Injection Molding (Medical and Orthodontics) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 21: Global: Metal Injection Molding (Consumer Products) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 22: Global: Metal Injection Molding (Consumer Products) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 23: Global: Metal Injection Molding (Firearms and Defense) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 24: Global: Metal Injection Molding (Firearms and Defense) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 25: Global: Metal Injection Molding (Other End Use Industries) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 26: Global: Metal Injection Molding (Other End Use Industries) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 27: North America: Metal Injection Molding Market: Sales Value (in Million US\$), 2018 & 2023

Figure 28: North America: Metal Injection Molding Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 29: United States: Metal Injection Molding Market: Sales Value (in Million US\$), 2018 & 2023

Figure 30: United States: Metal Injection Molding Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 31: Canada: Metal Injection Molding Market: Sales Value (in Million US\$), 2018 & 2023

Figure 32: Canada: Metal Injection Molding Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 33: Asia-Pacific: Metal Injection Molding Market: Sales Value (in Million US\$), 2018 & 2023

Figure 34: Asia-Pacific: Metal Injection Molding Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 35: China: Metal Injection Molding Market: Sales Value (in Million US\$), 2018 & 2023

Figure 36: China: Metal Injection Molding Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 37: Japan: Metal Injection Molding Market: Sales Value (in Million US\$), 2018 & 2023

Figure 38: Japan: Metal Injection Molding Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 39: India: Metal Injection Molding Market: Sales Value (in Million US\$), 2018 &

2023

Figure 40: India: Metal Injection Molding Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 41: South Korea: Metal Injection Molding Market: Sales Value (in Million US\$), 2018 & 2023

Figure 42: South Korea: Metal Injection Molding Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 43: Australia: Metal Injection Molding Market: Sales Value (in Million US\$), 2018 & 2023

Figure 44: Australia: Metal Injection Molding Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 45: Indonesia: Metal Injection Molding Market: Sales Value (in Million US\$), 2018 & 2023

Figure 46: Indonesia: Metal Injection Molding Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 47: Others: Metal Injection Molding Market: Sales Value (in Million US\$), 2018 & 2023

Figure 48: Others: Metal Injection Molding Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 49: Europe: Metal Injection Molding Market: Sales Value (in Million US\$), 2018 & 2023

Figure 50: Europe: Metal Injection Molding Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 51: Germany: Metal Injection Molding Market: Sales Value (in Million US\$), 2018 & 2023

Figure 52: Germany: Metal Injection Molding Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 53: France: Metal Injection Molding Market: Sales Value (in Million US\$), 2018 & 2023

Figure 54: France: Metal Injection Molding Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 55: United Kingdom: Metal Injection Molding Market: Sales Value (in Million US\$), 2018 & 2023

Figure 56: United Kingdom: Metal Injection Molding Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 57: Italy: Metal Injection Molding Market: Sales Value (in Million US\$), 2018 & 2023

Figure 58: Italy: Metal Injection Molding Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 59: Spain: Metal Injection Molding Market: Sales Value (in Million US\$), 2018 & 2023

Figure 60: Spain: Metal Injection Molding Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 61: Russia: Metal Injection Molding Market: Sales Value (in Million US\$), 2018 & 2023

Figure 62: Russia: Metal Injection Molding Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 63: Others: Metal Injection Molding Market: Sales Value (in Million US\$), 2018 & 2023

Figure 64: Others: Metal Injection Molding Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 65: Latin America: Metal Injection Molding Market: Sales Value (in Million US\$), 2018 & 2023

Figure 66: Latin America: Metal Injection Molding Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 67: Brazil: Metal Injection Molding Market: Sales Value (in Million US\$), 2018 & 2023

Figure 68: Brazil: Metal Injection Molding Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 69: Mexico: Metal Injection Molding Market: Sales Value (in Million US\$), 2018 & 2023

Figure 70: Mexico: Metal Injection Molding Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 71: Others: Metal Injection Molding Market: Sales Value (in Million US\$), 2018 & 2023

Figure 72: Others: Metal Injection Molding Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 73: Middle East and Africa: Metal Injection Molding Market: Sales Value (in Million US\$), 2018 & 2023

Figure 74: Middle East and Africa: Metal Injection Molding Market: Breakup by Country (in %), 2023

Figure 75: Middle East and Africa: Metal Injection Molding Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 76: Global: Metal Injection Molding Industry: SWOT Analysis

Figure 77: Global: Metal Injection Molding Industry: Value Chain Analysis

Figure 78: Global: Metal Injection Molding Industry: Porter's Five Forces Analysis

## I would like to order

Product name: 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

Product link: <https://marketpublishers.com/r/M1E5CA5B24E2EN.html>

Price: US\$ 3,899.00 (Single User License / Electronic Delivery)

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

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/M1E5CA5B24E2EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>



To place an order via fax simply print this form, fill in the information below  
and fax the completed form to +44 20 7900 3970