

Mexico Metal Casting Market Size, Share, Trends and Forecast by Process, Material Type, End Use, and Region, 2026-2034

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Abstracts

The Mexico metal casting market size reached USD 2.3 Billion in 2025 . Looking forward, IMARC Group expects the market to reach USD 4.1 Billion by 2034 , exhibiting a growth rate (CAGR) of 6.36% during 2026-2034 . The market is stimulating as a result of expanding production capacity and technological innovation, serving diverse industrial applications. The robust manufacturing infrastructure and skilled workforce drive its growth, making the industry a dominant force in global metal casting supply chains.

MEXICO METAL CASTING MARKET TRENDS:

Adoption of Advanced Casting Technologies

Mexico metal casting market is going through a steady transition towards more advanced casting technologies like automation, simulation software, and precision tooling. For instance, in November 2023, Messe D?sseldorf announced GIFA Mexico established, in Mexico City, featuring metal casting technologies, leading machinery, and innovations for automotive, construction, and mechanical engineering sectors with participation from global industry. Moreover, these advances are helping foundries to boost production efficiency, minimize material wastage, and address the amplifying demand for high-performance parts. With manufacturers striving more towards weight reduction and intricate geometries, technologies like high-pressure die casting and low-pressure die casting are becoming increasingly popular. The trend holds special relevance to industries like motor vehicles and aeronautic, where reliability and consistent quality and dimensions are required. Further, incorporation of digital solutions to process control as well as monitoring is optimizing both large as well as mid-range

foundry processes. Mexico metal casting market outlook shows an equally steady transformation away from conventional modes towards technology-supported systems that promises to make companies more competitive while improving quality outputs. This transformation is fostering the development for a more robust and technologically advanced casting environment in the country.

Rising Demand from Automotive and Transportation Sector

The auto and transportation industry continues to be one of the principal drivers of demand within Mexico's metal casting sector. As a leading center for vehicle assembly and component production in the country, foundries are more concentrated on delivering engine blocks, transmission housings, and suspension parts. For example, in March 2023, EUROGUSS MEXICO opened as a leading show for light metal casting, presenting cutting-edge die-casting technology, mega-casting innovations, and eco-friendly manufacturing technologies in Guadalajara. Furthermore, that effort is complemented by the increased pressure towards electric vehicles, which necessitate a different set of light-weight and heat-conductive metal components. Aluminum and magnesium alloys are gaining use as a result of their weight-to-strength benefits, a goal of the industry's lightweighting effort. The local production capabilities are also being extended to accommodate just-in-time delivery systems and eliminate dependency on foreign-made components. Mexico metal casting growth in this industry is indicative of greater regional integration with North American supply chains. Consequently, the integration between foundries and automotive OEMs is likely to intensify, generating long-term value through innovation and local manufacturing.

Diversification into Construction and Infrastructure Applications

Outside of the conventional manufacturing sectors, Mexico's metal casting sector is experiencing growing involvement in the construction and infrastructure markets. Cast items like pipes, fittings, brackets, and ornaments are being used in residential and commercial developments. As urbanization advances and public infrastructure projects increase, demand for cost-efficient and long-lasting metal components continues to grow. Foundries in Mexico are increasingly offering customized custom solutions and flexible production runs tailored to specialty and small-scale applications. Also, cast iron and steel materials continue to be used in wide application as they are strong and long lasting and hence appropriate for structural elements. The accelerating use of cast metals in city planning and utility installations underpin the Mexico metal casting share across non-industrial end uses. This trend also promotes innovation in alloy design and green practices, as the industry seeks to become aligned with national building

standards and environmental objectives in an expanding infrastructure market.

MEXICO METAL CASTING MARKET SEGMENTATION:

IMARC Group provides an analysis of the key trends in each segment of the market, along with forecasts at the country level for 2026-2034. Our report has categorized the market based on process, material type, and end use.

Process Insights:

Sand Casting

Gravity Casting

High-Pressure Die Casting

Low-Pressure Die Casting

Others

The report has provided a detailed breakup and analysis of the market based on the process. This includes sand casting, gravity casting, high-pressure die casting, low-pressure die casting, and others.

Material Type Insights:

Cast Iron

Aluminum

Steel

Zinc

Magnesium

Others

A detailed breakup and analysis of the market based on the material type have also been provided in the report. This includes cast iron, aluminum, steel, zinc, magnesium, and others.

End Use Insights:

Automotive and Transportation

Equipment and Machine

Building and Construction

Aerospace and Military

Others

The report has provided a detailed breakup and analysis of the market based on the end use. This includes automotive and transportation, equipment and machine, building and construction, aerospace and military, and others.

Regional Insights:

Northern Mexico

Central Mexico

Southern Mexico

Others

The report has also provided a comprehensive analysis of all the major regional markets, which include Northern Mexico, Central Mexico, Southern Mexico, and others.

COMPETITIVE LANDSCAPE:

The market research report has also provided a comprehensive analysis of the competitive landscape. Competitive analysis such as market structure, key player

positioning, top winning strategies, competitive dashboard, and company evaluation quadrant has been covered in the report. Also, detailed profiles of all major companies have been provided.

KEY QUESTIONS ANSWERED IN THIS REPORT

How has the Mexico metal casting market performed so far and how will it perform in the coming years?

What is the breakup of the Mexico metal casting market on the basis of process?

What is the breakup of the Mexico metal casting market on the basis of material type?

What is the breakup of the Mexico metal casting market on the basis of end use?

What is the breakup of the Mexico metal casting market on the basis of region?

What are the various stages in the value chain of the Mexico metal casting market?

What are the key driving factors and challenges in the Mexico metal casting?

What is the structure of the Mexico metal casting market and who are the key players?

What is the degree of competition in the Mexico metal casting 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 MEXICO METAL CASTING MARKET - INTRODUCTION

- 4.1 Overview
- 4.2 Market Dynamics
- 4.3 Industry Trends
- 4.4 Competitive Intelligence

5 MEXICO METAL CASTING MARKET LANDSCAPE

- 5.1 Historical and Current Market Trends (?2020-2025?)
- 5.2 Market Forecast (?2026-2034?)

6 MEXICO METAL CASTING MARKET - BREAKUP BY PROCESS

- 6.1 Sand Casting
 - 6.1.1 Overview
 - 6.1.2 Historical and Current Market Trends (?2020-2025?)
 - 6.1.3 Market Forecast (?2026-2034?)
- 6.2 Gravity Casting
 - 6.2.1 Overview
 - 6.2.2 Historical and Current Market Trends (?2020-2025?)

- 6.2.3 Market Forecast (?2026-2034?)
- 6.3 High-Pressure Die Casting
 - 6.3.1 Overview
 - 6.3.2 Historical and Current Market Trends (?2020-2025?)
 - 6.3.3 Market Forecast (?2026-2034?)
- 6.4 Low-Pressure Die Casting
 - 6.4.1 Overview
 - 6.4.2 Historical and Current Market Trends (?2020-2025?)
 - 6.4.3 Market Forecast (?2026-2034?)
- 6.5 Others
 - 6.5.1 Historical and Current Market Trends (?2020-2025?)
 - 6.5.2 Market Forecast (?2026-2034?)

7 MEXICO METAL CASTING MARKET - BREAKUP BY MATERIAL TYPE

- 7.1 Cast Iron
 - 7.1.1 Overview
 - 7.1.2 Historical and Current Market Trends (?2020-2025?)
 - 7.1.3 Market Forecast (?2026-2034?)
- 7.2 Aluminum
 - 7.2.1 Overview
 - 7.2.2 Historical and Current Market Trends (?2020-2025?)
 - 7.2.3 Market Forecast (?2026-2034?)
- 7.3 Steel
 - 7.3.1 Overview
 - 7.3.2 Historical and Current Market Trends (?2020-2025?)
 - 7.3.3 Market Forecast (?2026-2034?)
- 7.4 Zinc
 - 7.4.1 Overview
 - 7.4.2 Historical and Current Market Trends (?2020-2025?)
 - 7.4.3 Market Forecast (?2026-2034?)
- 7.5 Magnesium
 - 7.5.1 Overview
 - 7.5.2 Historical and Current Market Trends (?2020-2025?)
 - 7.5.3 Market Forecast (?2026-2034?)
- 7.6 Others
 - 7.6.1 Historical and Current Market Trends (?2020-2025?)
 - 7.6.2 Market Forecast (?2026-2034?)

8 MEXICO METAL CASTING MARKET - BREAKUP BY END USE

8.1 Automotive and Transportation

8.1.1 Overview

8.1.2 Historical and Current Market Trends (?2020-2025?)

8.1.3 Market Forecast (?2026-2034?)

8.2 Equipment and Machine

8.2.1 Overview

8.2.2 Historical and Current Market Trends (?2020-2025?)

8.2.3 Market Forecast (?2026-2034?)

8.3 Building and Construction

8.3.1 Overview

8.3.2 Historical and Current Market Trends (?2020-2025?)

8.3.3 Market Forecast (?2026-2034?)

8.4 Aerospace and Military

8.4.1 Overview

8.4.2 Historical and Current Market Trends (?2020-2025?)

8.4.3 Market Forecast (?2026-2034?)

8.5 Others

8.5.1 Historical and Current Market Trends (?2020-2025?)

8.5.2 Market Forecast (?2026-2034?)

9 MEXICO METAL CASTING MARKET – BREAKUP BY REGION

9.1 Northern Mexico

9.1.1 Overview

9.1.2 Historical and Current Market Trends (?2020-2025?)

9.1.3 Market Breakup by Process

9.1.4 Market Breakup by Material Type

9.1.5 Market Breakup by End Use

9.1.6 Key Players

9.1.7 Market Forecast (?2026-2034?)

9.2 Central Mexico

9.2.1 Overview

9.2.2 Historical and Current Market Trends (?2020-2025?)

9.2.3 Market Breakup by Process

9.2.4 Market Breakup by Material Type

9.2.5 Market Breakup by End Use

9.2.6 Key Players

9.2.7 Market Forecast (?2026-2034?)

9.3 Southern Mexico

9.3.1 Overview

9.3.2 Historical and Current Market Trends (?2020-2025?)

9.3.3 Market Breakup by Process

9.3.4 Market Breakup by Material Type

9.3.5 Market Breakup by End Use

9.3.6 Key Players

9.3.7 Market Forecast (?2026-2034?)

9.4 Others

9.4.1 Historical and Current Market Trends (?2020-2025?)

9.4.2 Market Forecast (?2026-2034?)

10 MEXICO METAL CASTING MARKET – COMPETITIVE LANDSCAPE

10.1 Overview

10.2 Market Structure

10.3 Market Player Positioning

10.4 Top Winning Strategies

10.5 Competitive Dashboard

10.6 Company Evaluation Quadrant

11 PROFILES OF KEY PLAYERS

11.1 Company A

11.1.1 Business Overview

11.1.2 Services Offered

11.1.3 Business Strategies

11.1.4 SWOT Analysis

11.1.5 Major News and Events

11.2 Company B

11.2.1 Business Overview

11.2.2 Services Offered

11.2.3 Business Strategies

11.2.4 SWOT Analysis

11.2.5 Major News and Events

11.3 Company C

11.3.1 Business Overview

11.3.2 Services Offered

- 11.3.3 Business Strategies
- 11.3.4 SWOT Analysis
- 11.3.5 Major News and Events
- 11.4 Company D
 - 11.4.1 Business Overview
 - 11.4.2 Services Offered
 - 11.4.3 Business Strategies
 - 11.4.4 SWOT Analysis
 - 11.4.5 Major News and Events
- 11.5 Company E
 - 11.5.1 Business Overview
 - 11.5.2 Services Offered
 - 11.5.3 Business Strategies
 - 11.5.4 SWOT Analysis
 - 11.5.5 Major News and Events

12 MEXICO METAL CASTING MARKET - INDUSTRY ANALYSIS

- 12.1 Drivers, Restraints, and Opportunities
 - 12.1.1 Overview
 - 12.1.2 Drivers
 - 12.1.3 Restraints
 - 12.1.4 Opportunities
- 12.2 Porters Five Forces Analysis
 - 12.2.1 Overview
 - 12.2.2 Bargaining Power of Buyers
 - 12.2.3 Bargaining Power of Suppliers
 - 12.2.4 Degree of Competition
 - 12.2.5 Threat of New Entrants
 - 12.2.6 Threat of Substitutes
- 12.3 Value Chain Analysis

13 APPENDIX

I would like to order

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