

# Global Automotive Metal Casting Market Size by Application (Body Assembly, Engine, and Transmission), by Material (Aluminum Casting, Cast Iron, Magnesium Casting and Zinc Casting) and Regional Forecasts 2021-2027

<https://marketpublishers.com/r/G41A6E524F22EN.html>

Date: May 2021

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: G41A6E524F22EN

## Abstracts

Global Automotive Metal Casting Market is valued approximately at USD 107.2 Billion in 2020 and is anticipated to grow with a healthy growth rate of more than 5.8% over the forecast period 2021-2027. Metal casting involves pouring of molten material in molds having geometrical shape which cools down and solidifies. Vehicle parts such as piston, rims and structure of the vehicle are made using metal casting. Metal casting in automotive industry is used to make complex automotive structures made up of aluminum to reduce the weight of the vehicle. Increasing population and rising consumption of vehicles are the major drivers for the sector. Government regulations adhering to environment protection from the emissions from vehicles also drives the industry demand by motivating the manufacturers to minimize vehicle weight. The European Union laid down specific criteria to control the CO2 emission level from automobile. But the procedure of producing complex automotive structure associated with high cost is a restraining factor. COVID-19 has put a halt on the production facilities of automotive sector which hindered the growth. The innovation in the sector is giving many opportunities to produce thinner, lighter-weight and more complex parts in a single process. For instance, the U.S. national Office of Energy Efficiency and Renewable Energy launched The FreedomCAR and Vehicle Technologies (FCVT) program which aims at developing more energy efficient and environmentally friendly transportation.

The regional analysis of the global Automotive Metal Casting Market studies the following key regions: - Asia Pacific, North America, Europe, Latin America, and Rest of

the World. Asia Pacific is a rapidly flourishing region in automotive metal casting market. The rise in vehicle production and availability of cheap labor in the APAC region are the major factors booming the growth. North America and Europe are also significant region owing to the presence of growing automotive industry and major market players.

Major market player included in this report are

Nemak

Ryobi Limited

Rheinmetall Automotive

GF Automotive

Ahresty Corporation

Dynacast

Endurance

Mino Industries

Aisin Automotive Casting

Gibbs Die Casting

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Application:

Body Assemblies

Engine

Transmission

By Material:

Aluminum

Cast iron

Magnesium

Zinc

Others

By Region:

North America

U.S.  
Canada  
Europe  
UK  
Germany  
France  
Spain  
Italy  
ROE

Asia Pacific  
China  
India  
Japan  
Australia  
South Korea  
RoAPAC  
Latin America  
Brazil  
Mexico  
Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019  
Base year – 2020  
Forecast period – 2021 to 2027.

Target Audience of the Global Automotive Metal Casting Market in Market Study:

Key Consulting Companies & Advisors  
Large, medium-sized, and small enterprises  
Venture capitalists  
Value-Added Resellers (VARs)  
Third-party knowledge providers  
Investment bankers  
Investors

## Contents

### **CHAPTER 1. EXECUTIVE SUMMARY**

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2019-2027 (USD Billion)
  - 1.2.1. Automotive Metal Casting Market , by Region, 2019-2027 (USD Billion)
  - 1.2.2. Automotive Metal Casting Market , by Application, 2019-2027 (USD Billion)
  - 1.2.3. Automotive Metal Casting Market , by Material , 2019-2027 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

### **CHAPTER 2. GLOBAL AUTOMOTIVE METAL CASTING MARKET DEFINITION AND SCOPE**

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
  - 2.2.1. Scope of the Study
  - 2.2.2. Industry Evolution
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

### **CHAPTER 3. GLOBAL AUTOMOTIVE METAL CASTING MARKET DYNAMICS**

- 3.1. Automotive Metal Casting Market Impact Analysis (2019-2027)
  - 3.1.1. Market Drivers
    - 3.1.1.1. Increasing population and rising consumption
    - 3.1.1.2. Emissions and fuel efficiency regulation
  - 3.1.2. Market Restraint
    - 3.1.2.1. Higher cost of casting processes
    - 3.1.2.2. Fluctuations in cost of metals
  - 3.1.3. Market Opportunities
    - 3.1.3.1. Increase use of electric and hybrid vehicles
    - 3.1.3.2. Government regulations

### **CHAPTER 4. GLOBAL AUTOMOTIVE METAL CASTING MARKET INDUSTRY ANALYSIS**

- 4.1. Porter's 5 Force Model
  - 4.1.1. Bargaining Power of Suppliers
  - 4.1.2. Bargaining Power of Buyers
  - 4.1.3. Threat of New Entrants
  - 4.1.4. Threat of Substitutes
  - 4.1.5. Competitive Rivalry
  - 4.1.6. Futuristic Approach to Porter's 5 Force Model (2018-2027)
- 4.2. PEST Analysis
  - 4.2.1. Political
  - 4.2.2. Economical
  - 4.2.3. Social
  - 4.2.4. Technological
- 4.3. Investment Adoption Model
- 4.4. Analyst Recommendation & Conclusion

## **CHAPTER 5. GLOBAL AUTOMOTIVE METAL CASTING MARKET, BY APPLICATION**

- 5.1. Market Snapshot
- 5.2. Global Automotive Metal Casting Market by Application, Performance - Potential Analysis
- 5.3. Global Automotive Metal Casting Market Estimates & Forecasts by Application 2018-2027 (USD Billion)
- 5.4. Automotive Metal Casting Market , Sub Segment Analysis
  - 5.4.1. Body Assemblies
  - 5.4.2. Engine
  - 5.4.3. Transmission

## **CHAPTER 6. GLOBAL AUTOMOTIVE METAL CASTING MARKET, BY MATERIAL**

- a. Market Snapshot
- 6.1. Global Automotive Metal Casting Market by Material, Performance - Potential Analysis
- 6.2. Global Automotive Metal Casting Market Estimates & Forecasts by Material 2018-2027 (USD Billion)
- 6.3. Automotive Metal Casting Market , Sub Segment Analysis
  - 6.3.1. Aluminium
  - 6.3.2. Cast iron
  - 6.3.3. Magnesium

6.3.4. Zinc

6.3.5. Others

## **CHAPTER 7. GLOBAL AUTOMOTIVE METAL CASTING MARKET , REGIONAL ANALYSIS**

7.1. Automotive Metal Casting Market , Regional Market Snapshot

7.2. North America Automotive Metal Casting Market

7.2.1. U.S. Automotive Metal Casting Market

7.2.1.1. Application breakdown estimates & forecasts, 2018-2027

7.2.1.2. Material breakdown estimates & forecasts, 2018-2027

7.2.2. Canada Automotive Metal Casting Market

7.3. Europe Automotive Metal Casting Market Snapshot

7.3.1. U.K. Automotive Metal Casting Market

7.3.2. Germany Automotive Metal Casting Market

7.3.3. France Automotive Metal Casting Market

7.3.4. Spain Automotive Metal Casting Market

7.3.5. Italy Automotive Metal Casting Market

7.3.6. Rest of Europe Automotive Metal Casting Market

7.4. Asia-Pacific Automotive Metal Casting Market Snapshot

7.4.1. China Automotive Metal Casting Market

7.4.2. India Automotive Metal Casting Market

7.4.3. Japan Automotive Metal Casting Market

7.4.4. Australia Automotive Metal Casting Market

7.4.5. South Korea Automotive Metal Casting Market

7.4.6. Rest of Asia Pacific Automotive Metal Casting Market

7.5. Latin America Automotive Metal Casting Market Snapshot

7.5.1. Brazil Automotive Metal Casting Market

7.5.2. Mexico Automotive Metal Casting Market

7.6. Rest of The World Automotive Metal Casting Market

## **CHAPTER 8. COMPETITIVE INTELLIGENCE**

8.1. Top Market Strategies

8.2. Company Profiles

8.2.1. Nematik

8.2.1.1. Key Information

8.2.1.2. Overview

8.2.1.3. Financial (Subject to Data Availability)

- 8.2.1.4. Product Summary
- 8.2.1.5. Recent Developments
- 8.2.2. Ryobi Limited
- 8.2.3. Rheinmetall Automotive
- 8.2.4. GF Automotive
- 8.2.5. Ahresty Corporation
- 8.2.6. Dynacast
- 8.2.7. Endurance
- 8.2.8. Mino Industries
- 8.2.9. Aisin Automotive Casting
- 8.2.10. Gibbs Die Casting

## **CHAPTER 9. RESEARCH PROCESS**

- 9.1. Research Process
  - 9.1.1. Data Mining
  - 9.1.2. Analysis
  - 9.1.3. Market Estimation
  - 9.1.4. Validation
  - 9.1.5. Publishing
- 9.2. Research Attributes
- 9.3. Research Assumption

## List Of Tables

### LIST OF TABLES

TABLE 2. Global Automotive Metal Casting Market , report scope

TABLE 3. Global Automotive Metal Casting Market estimates & forecasts by region  
2018-2027 (USD Billion)

TABLE 4. Global Automotive Metal Casting Market estimates & forecasts by Application  
2018-2027 (USD Billion)

TABLE 5. Global Automotive Metal Casting Market estimates & forecasts by Material  
2018-2027 (USD Billion)

TABLE 6. Global Automotive Metal Casting Market by segment, estimates & forecasts,  
2018-2027 (USD Billion)

TABLE 7. Global Automotive Metal Casting Market by region, estimates & forecasts,  
2018-2027 (USD Billion)

TABLE 8. Global Automotive Metal Casting Market by segment, estimates & forecasts,  
2018-2027 (USD Billion)

TABLE 9. Global Automotive Metal Casting Market by region, estimates & forecasts,  
2018-2027 (USD Billion)

TABLE 10. Global Automotive Metal Casting Market by segment, estimates & forecasts,  
2018-2027 (USD Billion)

TABLE 11. Global Automotive Metal Casting Market by region, estimates & forecasts,  
2018-2027 (USD Billion)

TABLE 12. Global Automotive Metal Casting Market by segment, estimates & forecasts,  
2018-2027 (USD Billion)

TABLE 13. Global Automotive Metal Casting Market by region, estimates & forecasts,  
2018-2027 (USD Billion)

TABLE 14. Global Automotive Metal Casting Market by segment, estimates & forecasts,  
2018-2027 (USD Billion)

TABLE 15. Global Automotive Metal Casting Market by region, estimates & forecasts,  
2018-2027 (USD Billion)

TABLE 16. Global Automotive Metal Casting Market by segment, estimates & forecasts,  
2018-2027 (USD Billion)

TABLE 17. Global Automotive Metal Casting Market by region, estimates & forecasts,  
2018-2027 (USD Billion)

TABLE 18. Global Automotive Metal Casting Market by segment, estimates & forecasts,  
2018-2027 (USD Billion)

TABLE 19. Global Automotive Metal Casting Market by region, estimates & forecasts,  
2018-2027 (USD Billion)



TABLE 20. Global Automotive Metal Casting Market by segment, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 21. Global Automotive Metal Casting Market by region, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 22. U.S. Automotive Metal Casting Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 23. U.S. Automotive Metal Casting Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 24. U.S. Automotive Metal Casting Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 25. Canada Automotive Metal Casting Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 26. Canada Automotive Metal Casting Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 27. Canada Automotive Metal Casting Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 28. UK Automotive Metal Casting Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 29. UK Automotive Metal Casting Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 30. UK Automotive Metal Casting Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 31. Germany Automotive Metal Casting Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 32. Germany Automotive Metal Casting Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 33. Germany Automotive Metal Casting Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 34. France Automotive Metal Casting Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 35. France Automotive Metal Casting Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 36. France Automotive Metal Casting Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 37. Spain Automotive Metal Casting Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 38. Spain Automotive Metal Casting Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 39. Spain Automotive Metal Casting Market estimates & forecasts by segment

2018-2027 (USD Billion)

TABLE 40. Italy Automotive Metal Casting Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 41. Italy Automotive Metal Casting Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 42. Italy Automotive Metal Casting Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 43. ROE Automotive Metal Casting Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 44. ROE Automotive Metal Casting Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 45. ROE Automotive Metal Casting Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 46. China Automotive Metal Casting Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 47. China Automotive Metal Casting Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 48. China Automotive Metal Casting Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 49. India Automotive Metal Casting Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 50. India Automotive Metal Casting Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 51. India Automotive Metal Casting Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 52. Japan Automotive Metal Casting Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 53. Japan Automotive Metal Casting Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 54. Japan Automotive Metal Casting Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 55. Australia Automotive Metal Casting Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 56. Australia Automotive Metal Casting Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 57. Australia Automotive Metal Casting Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 58. South Korea Automotive Metal Casting Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 59. South Korea Automotive Metal Casting Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 60. South Korea Automotive Metal Casting Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 61. ROPAC Automotive Metal Casting Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 62. ROPAC Automotive Metal Casting Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 63. ROPAC Automotive Metal Casting Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 64. Brazil Automotive Metal Casting Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 65. Brazil Automotive Metal Casting Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 66. Brazil Automotive Metal Casting Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 67. Mexico Automotive Metal Casting Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 68. Mexico Automotive Metal Casting Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 69. Mexico Automotive Metal Casting Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 70. ROLA Automotive Metal Casting Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 71. ROLA Automotive Metal Casting Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 72. ROLA Automotive Metal Casting Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 73. ROW Automotive Metal Casting Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 74. ROW Automotive Metal Casting Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 75. ROW Automotive Metal Casting Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 76. List of secondary sources used in the study of global Automotive Metal Casting Market .

TABLE 77. List of primary sources used in the study of global Automotive Metal Casting Market .

TABLE 78. Years considered for the study.

TABLE 79. Exchange rates considered.

## List Of Figures

### LIST OF FIGURES

- FIG 1. Global Automotive Metal Casting Market , research methodology
- FIG 2. Global Automotive Metal Casting Market , market estimation techniques
- FIG 3. Global market size estimates & forecast methods
- FIG 4. Global Automotive Metal Casting Market , key trends 2020
- FIG 5. Global Automotive Metal Casting Market , growth prospects 2021-2027
- FIG 6. Global Automotive Metal Casting Market , porters 5 force model
- FIG 7. Global Automotive Metal Casting Market , pest analysis
- FIG 8. Global Automotive Metal Casting Market , value chain analysis
- FIG 9. Global Automotive Metal Casting Market by segment, 2018 & 2027 (USD Billion)
- FIG 10. Global Automotive Metal Casting Market by segment, 2018 & 2027 (USD Billion)
- FIG 11. Global Automotive Metal Casting Market by segment, 2018 & 2027 (USD Billion)
- FIG 12. Global Automotive Metal Casting Market by segment, 2018 & 2027 (USD Billion)
- FIG 13. Global Automotive Metal Casting Market by segment, 2018 & 2027 (USD Billion)
- FIG 14. Global Automotive Metal Casting Market by segment, 2018 & 2027 (USD Billion)
- FIG 15. Global Automotive Metal Casting Market by segment, 2018 & 2027 (USD Billion)
- FIG 16. Global Automotive Metal Casting Market by segment, 2018 & 2027 (USD Billion)
- FIG 17. Global Automotive Metal Casting Market , regional snapshot 2018 & 2027
- FIG 18. North America Automotive Metal Casting Market 2018 & 2027 (USD Billion)
- FIG 19. Europe Automotive Metal Casting Market 2018 & 2027 (USD Billion)
- FIG 20. Asia-Pacific Automotive Metal Casting Market 2018 & 2027 (USD Billion)
- FIG 21. Latin America Automotive Metal Casting Market 2018 & 2027 (USD Billion)
- FIG 22. Global Automotive Metal Casting Market , company market share analysis (2020)

## I would like to order

Product name: Global Automotive Metal Casting Market Size by Application (Body Assembly, Engine, and Transmission), by Material (Aluminum Casting, Cast Iron, Magnesium Casting and Zinc Casting) and Regional Forecasts 2021-2027

Product link: <https://marketpublishers.com/r/G41A6E524F22EN.html>

Price: US\$ 4,950.00 (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/G41A6E524F22EN.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