

# Global Aluminum Casting Market Size study, by Process (Die Casting, Permanent Mold Casting, Sand Casting), End-use Sector (Transportation, Industrial, Building & Construction, and others) and Regional Forecasts 2021-2027

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## Abstracts

Global Aluminum Casting Market is valued at approximately USD 65.5 billion in 2020 and is anticipated to grow with a healthy growth rate of more than 7.4 % over the forecast period 2021-2027. Aluminum casting has various advantages for both manufacturers and end-users. The method enables manufacturers to create parts that are faster and stronger than any other alloy material. The casting process produces corrosion-resistant, multifunctional products that can be utilized for a variety of purposes. It also enables manufacturers to create a wide range of products using these aluminum components. The expanding use of aluminum in the transportation, industrial, and building & construction sectors is the key driver for global growth in the aluminum casting industry. For instance, According to the European Automobile Manufacturers' Association (ACEA), 77.9 million automobiles were manufactured worldwide in 2020. APAC countries such as China, India, and Japan, which show the significant growth in automotive production, were mostly expected for the increase in production. The increased manufacturing of automobiles around the world is expected to boost demand for aluminum cast products in the automotive industry. The automotive sector has a constant demand for it since it improves fuel efficiency and minimizes environmental degrading events such as carbon dioxide emissions. During the projection period, these are the major drivers driving demand for aluminum casting. Furthermore, the availability of alternative materials hinders the market in forecasting years. Whereas, continuous launches offer opportunities for the market growth in forecasting years.

The main regions of Asia Pacific, North America, Europe, Latin America, and the Rest of the World are included in the geographical analysis of the worldwide Aluminum Casting market. In 2020, the Asia Pacific region dominated the Aluminum Castings market, accounting for a significant amount of total revenue. China, India, and Japan are major countries in the aluminum casting market. The market in the region is being driven by a rise in the construction industry. In the building and construction industry, aluminum casting is used to manufacture windows, cladding, curtain walling, prefabricated buildings, shop partitions, and fittings. China benefits APAC since it is the world's manufacturing hub and has a significant market size. Increased consumer demand, aeronautical innovation, and other factors are projected to propel the APAC market forward throughout the forecast period.

Major market players included in this report are:

Alcoa Corporation

Aluminum Corporation of China Limited

Alcast Technologies

Bodine Aluminum, Inc.

Consolidated Metco, Inc.

Dynacast

Endurance Technologies Limited

Gibbs Die Casting Corporation

Martinrea Honsel Germany GmbH

Ryobi Ltd

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values for 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 the competitive landscape and Mode of Operation offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Process:

Die Casting

Sand Casting

Permanent Mold Casting

By End User:

Transportation sector

Building & Construction sector

Industrial sector

Others (household appliances, engineering tools, and telecom sector)

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 Aluminum 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

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