

# Middle East Aluminum Casting Market Size, Share & Trends Analysis Report By Process (Die Casting, Permanent Mold Casting), By End Use (Transportation, Industrial), And Segment Forecasts, 2025 - 2030

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## Abstracts

### Middle East Aluminum Casting Market Summary

The Middle East aluminum casting market size was estimated at USD 3.49 billion in 2024 and is expected to reach USD 5.41 billion in 2033 and grow at a CAGR of 5.1% from 2025 to 2033. Due to its high strength and lightweight properties, the increasing use of aluminum in automotive manufacturing is expected to be a key driver of market growth in the region.

Rapid infrastructure development and rising demand from electronics and industrial sectors further boost market adoption. Furthermore, the regional focus on sustainable and energy-efficient materials supports the expansion of aluminum casting applications.

Rapid economic growth, increasing government infrastructure spending, and rising consumer demand for personal vehicles are key factors driving market growth in the Middle East, thereby boosting aluminum casting demand. The region is seeing a rise in local automotive manufacturing and assembly activities, supported by favorable investment policies and industrial diversification efforts. For example, Saudi Arabia is progressing with its Saudi Vision 2030 plan by developing industrial hubs like NEOM and partnering with global automakers to build vehicle production facilities, which is expected to increase the use of aluminum casting-based products in high-performance tires.

At the same time, the construction sector has become one of the largest consumers of aluminum casting, especially in the form of aluminum casting fumes that improve the strength, durability, and lifespan of concrete. The demand for high-performance building materials is growing as the region undertakes large urban development projects. For instance, in 2024, the United Arab Emirates announced its USD 23 billion Dubai 2040 Urban Master Plan to expand sustainable urban districts, transportation networks, and mixed-use real estate developments, which significantly boosts the use of aluminum casting in concrete, glass, coatings, and related materials.

Furthermore, several Middle Eastern countries are investing heavily in large-scale infrastructure, which is expected further to boost aluminum casting demand in construction and related industries. Major projects like Saudi Arabia's The Line city and Qatar's ongoing transport corridor expansions raise the need for advanced building materials. These developments highlight a continued growth trend for aluminum casting in the region, supported by strong infrastructure projects and expanding end-use sectors.

### Middle East Aluminum Casting Market Report Segmentation

This report forecasts revenue growth nationally and regionally from 2021 to 2033 and analyzes the latest trends in each sub-segment. For this study, Grand View Research has segmented the Middle East aluminum casting market report by process, and end use:

Process Outlook (Volume, Kilotons; Revenue, USD Billion, 2021 - 2033)

Die Casting

Permanent Mold Casting

Others

End Use Outlook (Volume, Kilotons; Revenue, USD Billion, 2021 - 2033)

Transportation

Industrial

Building & Construction

Others

Regional Outlook (Volume, Kilotons; Revenue, USD Billion, 2021 - 2033)

Middle East

Saudi Arabia

UAE

Qatar

Oman

Iran

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