

# Middle East Powder Metallurgy Market Size, Share & Trends Analysis Report By Material (Titanium, Steel, Nickel, Aluminum, Cobalt), By Process, By Application (Automotive, Oil & Gas), By End-use, By Country, And Segment Forecasts, 2025 - 2033

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## Abstracts

### Middle East Powder Metallurgy Market Summary

The Middle East powder metallurgy market size was valued at USD 40.4 million in 2024 and is projected to reach USD 92.5 million by 2033, growing at a CAGR of 9.5% from 2025 to 2033. The region's expanding automotive and industrial manufacturing sectors primarily drive the market's growth.

Powder metallurgy is increasingly being adopted to produce high-precision components such as gears, bushings, and structural parts, which offer minimal material wastage and enhanced durability. The rising emphasis on lightweight components and the gradual adoption of electric vehicles (EVs) in the Middle East further fuel demand, as powder metallurgy enables the production of complex, lightweight, and high-strength parts essential for EV efficiency and performance.

Sustainability and material efficiency are key priorities for Middle Eastern industries, particularly in energy-intensive sectors and growing environmental regulations. Powder metallurgy generates less scrap than traditional machining methods, with material utilization rates often reaching 95-98%, contributing to cost savings and reduced environmental impact. This high efficiency aligns with the region's goals of promoting circular economy practices and sustainable manufacturing.

Technological advancements in powder production and processing further support

market growth in the Middle East. Innovations such as gas and plasma atomization, laser sintering, and improved powder handling systems enhance powder quality, consistency, and mechanical performance. These developments enable tighter tolerances and durable finished parts, facilitating the adoption of high-performance powders such as nickel-based superalloys, aluminum alloys, and tungsten in industries such as defense, oil & gas, and heavy machinery. Leading industrial players in the region are increasingly integrating powder metallurgy components into engines, turbines, and other critical equipment for operational efficiency and performance optimization.

Government initiatives and strategic investments are also shaping the powder metallurgy landscape in the Middle East. Several countries fund advanced manufacturing research, support industry-academia collaborations, and encourage technology transfer to enhance domestic capabilities. Such programs aim to accelerate innovation, lower production costs, and broaden the adoption of powder metallurgy across the region's traditional and emerging sectors.

### Middle East Powder Metallurgy Market Report Segmentation

This report forecasts revenue and volume growth at regional and country levels and provides an analysis of the latest industry trends in each of the sub-segments from 2021 to 2033. For this study, Grand View Research has segmented the Middle East powder metallurgy market report on the basis of material, process, application, end-use, and country.

#### Material Outlook (Volume, Tons; Revenue, USD Million, 2021 - 2033)

Titanium

Nickel

Steel

Aluminum

Cobalt

Others

Process Outlook (Volume, Tons; Revenue, USD Million, 2021 - 2033)

Additive Manufacturing

Powder Bed

Blown Powder

Hot Isostatic Pressing

Metal Injection Molding

Application Outlook (Volume, Tons; Revenue, USD Million, 2021 - 2033)

Aerospace & Defense

Automotive

Medical & Dental

Oil & Gas

Industrial

End-use Outlook (Volume, Tons; Revenue, USD Million, 2021 - 2033)

OEMs

AM Operators

Regional Outlook (Volume, Tons; Revenue, USD Million, 2021 - 2033)

Middle East

Saudi Arabia

UAE

Qatar

Oman

Iran

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