

Metal Binder Jetting Market Size, Share & Trends Analysis Report By End-use (Automotive & Transportation, Industrial Machinery, Consumer Products & Electronics), By Region, And Segment Forecasts, 2025 - 2033

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Abstracts

The global metal binder jetting market size was estimated at USD 128.7 million in 2024 and is projected to reach USD 331.4 million by 2033, growing at a CAGR of 10.5% from 2025 to 2033. Market growth is primarily driven by the expanding adoption of metal binder jetting for high-volume, cost-efficient production of complex metal components, enabled by its high throughput, design flexibility, and reduced material waste.

Increasing utilization across automotive, industrial machinery, and consumer electronics sectors, supported by advancements in powder quality, binder chemistry, and sintering efficiency, is further accelerating demand. Ongoing improvements in process reliability and part performance are solidifying metal binder jetting's position as a scalable alternative to traditional manufacturing routes.

The aerospace and defense segment is emerging as a strategic adopter of metal binder jetting, leveraging the technology to produce lightweight, complex components that enhance performance and reduce assembly requirements. MBJ enables the rapid fabrication of non-critical structural parts, brackets, ducts, and tooling with consistent accuracy and reduced lead times—an advantage in programs that require rapid iteration and supply chain agility. As qualification frameworks mature and high-temperature alloys become more compatible with binder-jet processes, aerospace and defense manufacturers are increasingly integrating MBJ into hybrid production workflows to lower costs and improve design flexibility.

Global Metal Binder Jetting Market Report Segmentation

This report forecasts global, country, and regional revenue growth and analyzes the latest trends in each sub-segment from 2021 to 2033. For this study, Grand View Research has segmented the global metal binder jetting market report based on the end use and region:

End Use Outlook (Revenue, USD Million, 2021 - 2033)

Automotive & Transportation

Industrial Machinery

Consumer Products & Electronics

Medical Devices

Aerospace & Defense

Others

Regional Outlook (Revenue, USD Million, 2021 - 2033)

North America

U.S.

Canada

Mexico

Europe

Germany

France

UK

Italy

Asia Pacific

China

India

Japan

South Korea

Latin America

Brazil

Middle East & Africa

South Africa

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