

Technology Landscape, Trends and Opportunities in the Global 3D Printing Metal Market

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Abstracts

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The technologies in 3D printing metal has undergone significant change in recent years, with traditional stereolithography process to sheet lamination. The rising wave of new technologies, such as sheet lamination and binder jetting is creating significant potential for 3D printing metal in aerospace, automotive, and medical applications, due to improved production rate, better finish, and cost effectiveness.

In this market, various technologies, such as bed fusion, binder jetting, and sheet lamination technologies are used in various applications. Increasing demand in aerospace and defense applications, and reduced prices of 3D printers coupled with availability of advanced raw materials such as stainless steel powder are creating new opportunities for various 3D printing metal technologies.

This report analyzes technology maturity, degree of disruption, competitive intensity, market potential, and other parameters of various technologies in the 3D printing metal market. Some insights are depicted below by a sample figure. For more details on figures, the companies researched, and other objectives/benefits on this research report, please download the report brochure.

The study includes technology readiness, competitive intensity, regulatory compliance, disruption potential, trends, forecasts and strategic implications for the global 3D printing metal technology by application, technology, and region as follows:

Technology Readiness by Technology Type

Competitive Intensity and Regulatory Compliance

Disruption Potential by Technology Type

Trends and Forecasts by Technology Type [\$M shipment analysis from 2018 to 2030]:

Powder Bed Fusion

Binder Jetting

Sheet Lamination

Other

Technology Trends and Forecasts by Application [\$M shipment analysis from 2018 to 2030]:

Aerospace

Powder Bed Fusion

Binder Jetting

Sheet Lamination

Other

Automotive

Powder Bed Fusion

Binder Jetting

Sheet Lamination

Other

Medical

Powder Bed Fusion

Binder Jetting

Sheet Lamination

Other

Dental

Powder Bed Fusion

Binder Jetting

Sheet Lamination

Other

Technology Trends and Forecasts by Region [\$M shipment analysis for 2018
t%li%2030]:

North America

United States

Canada

Mexico

Europe

United Kingdom

Germany

France

Asia Pacific

Japan

China

South Korea

India

The Rest of the World

Latest Developments and Innovations in the 3D Printing Metal Technologies

Companies / Ecosystems

Strategic Opportunities by Technology Type

Some of the 3D printing metal companies profiled in this report include Stratasys, 3D Systems Corporation, EOS, Materialise NV, GE Additive, Renishaw, Voxeljet, 3D Systems, Sandvik, and Hognasare

This report answers following 9 key questions:

Q.1 What are some of the most promising and high-growth technology opportunities for the 3D printing metal market?

Q.2 Which technology will grow at a faster pace and why?

Q.3 What are the key factors affecting dynamics of different technologies? What are the drivers and challenges of these technologies in 3D printing metal market?

Q.4 What are the levels of technology readiness, competitive intensity and regulatory compliance in this technology space?

Q.5 What are the business risks and threats t%li%these technologies in 3D printing metal market?

Q.6 What are the latest developments in 3D printing metal technologies? Which companies are leading these developments?

Q.7 Which technologies have potential of disruption in this market?

Q.8 Who are the major players in this 3D printing metal market? What strategic initiatives are being implemented by key players for business growth?

Q.9 What are strategic growth opportunities in this 3D printing metal technology space?

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9.9. Sandvik

9.10. Hoganasare

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