

# Global 3D Printing Metal Powder Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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# **Abstracts**

According to our (Global Info Research) latest study, the global 3D Printing Metal Powder market size was valued at USD 535.2 million in 2023 and is forecast to a readjusted size of USD 1548.8 million by 2030 with a CAGR of 16.4% during review period.

3D printing technology is a new type of printing technology. It can directly generate parts of any shape from computer graphics data without machining or any molds, thereby greatly shortening the product development cycle, increasing productivity and reducing production cost.

Global key players of 3D Printing Metal Powder include Sandvik, Jiangsu Vilory Advanced Materials Technology, Carpenter Technology, Avimetal Powder Metallurgy Technology and Erasteel. Global top five manufacturers hold a share over 35%. Europe is the largest producer of 3D printing titanium powder holds a share about 40%. In terms of product type, Iron-based Metal Powder is the largest segment, with a share over 40%. And in terms of application, the largest application is Aerospace and Defense, with a share over 50%.

The Global Info Research report includes an overview of the development of the 3D Printing Metal Powder industry chain, the market status of Aerospace and Defense (Ironbased Metal Powder, Titanium Metal Powder), Automotive (Iron-based Metal Powder, Titanium Metal Powder), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of 3D Printing Metal Powder.



Regionally, the report analyzes the 3D Printing Metal Powder markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global 3D Printing Metal Powder market, with robust domestic demand, supportive policies, and a strong manufacturing base.

#### Key Features:

The report presents comprehensive understanding of the 3D Printing Metal Powder market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the 3D Printing Metal Powder industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (MT), revenue generated, and market share of different by Type (e.g., Iron-based Metal Powder, Titanium Metal Powder).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the 3D Printing Metal Powder market.

Regional Analysis: The report involves examining the 3D Printing Metal Powder market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the 3D Printing Metal Powder market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to 3D Printing Metal Powder:

Company Analysis: Report covers individual 3D Printing Metal Powder manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and



strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards 3D Printing Metal Powder This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Aerospace and Defense, Automotive).

Technology Analysis: Report covers specific technologies relevant to 3D Printing Metal Powder. It assesses the current state, advancements, and potential future developments in 3D Printing Metal Powder areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the 3D Printing Metal Powder market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

3D Printing Metal Powder market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Market segment by Type

Iron-based Metal Powder

Titanium Metal Powder

Nickel Metal Powder

Aluminum Metal Powder

Others

Market segment by Application



Aerospace and Defense
Automotive
Mold Making
Medical Industry
Others
Major players covered
Sandvik
Carpenter
GE
Avimetal PM
H?gan?s
Falcontec
Erasteel
Sai Long Metal
H.C. Starck
Material Technology Innovations
Vtech
Yu Guang Phelly
GKN Power Metallurgy



Asia-General

**Bao Hang Advanced Materials** 

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe 3D Printing Metal Powder product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of 3D Printing Metal Powder, with price, sales, revenue and global market share of 3D Printing Metal Powder from 2019 to 2024.

Chapter 3, the 3D Printing Metal Powder competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the 3D Printing Metal Powder breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales



quantity, consumption value and market share for key countries in the world, from 2017 to 2023.and 3D Printing Metal Powder market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of 3D Printing Metal Powder.

Chapter 14 and 15, to describe 3D Printing Metal Powder sales channel, distributors, customers, research findings and conclusion.



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