

# **Global Metal Material Based 3D Printing Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031**

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## **Abstracts**

According to our (Global Info Research) latest study, the global Metal Material Based 3D Printing market size was valued at US\$ 1091 million in 2024 and is forecast to a readjusted size of USD 5010 million by 2031 with a CAGR of 24.6% during review period.

Metal 3D printing processes be used to manufacture complex, bespoke parts with geometries that traditional manufacturing methods are unable to produce.

Metal 3D printed parts can be topologically optimized to maximize their performance while minimizing their weight and the total number of components in an assembly.

Metal 3D printed parts have excellent physical properties and the available material range includes difficult to process otherwise materials, such as metal superalloys.

The material and manufacturing costs connected with metal 3D printing is high, so these technologies are not suitable for parts that can be easily manufactured with traditional methods.

Global Metal Material Based 3D Printing main players are Sandvik, Carpenter Technology, Arcam AB, Hoganas, etc. Global top four manufacturers hold a share over 40%. Europe is the largest market, with a share nearly 70%.

This report is a detailed and comprehensive analysis for global Metal Material Based 3D Printing market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is

constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

#### Key Features:

Global Metal Material Based 3D Printing market size and forecasts, in consumption value (\$ Million), sales quantity (MT), and average selling prices (USD/Kg), 2020-2031

Global Metal Material Based 3D Printing market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (MT), and average selling prices (USD/Kg), 2020-2031

Global Metal Material Based 3D Printing market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (MT), and average selling prices (USD/Kg), 2020-2031

Global Metal Material Based 3D Printing market shares of main players, shipments in revenue (\$ Million), sales quantity (MT), and ASP (USD/Kg), 2020-2025

#### The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Metal Material Based 3D Printing

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Metal Material Based 3D Printing market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Sandvik, GKN Hoeganaes, LPW Technology, Carpenter Technology, Erasteel, Arcam AB, Hoganas, HC Starck, AMC Powders, Praxair, etc.

This report also provides key insights about market drivers, restraints, opportunities,

new product launches or approvals.

## Market Segmentation

Metal Material Based 3D Printing market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

### Market segment by Type

Iron-based

Titanium

Nickel

Aluminum

### Market segment by Application

Aerospace and Defense

Tool and Mold Making

Automotive

Healthcare

Academic Institutions

### Major players covered

Sandvik

GKN Hoeganaes

LPW Technology

Carpenter Technology

Erasteel

Arcam AB

Hoganas

HC Starck

AMC Powders

Praxair

Concept Laser

EOS

Jingye Group

Osaka Titanium

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 Metal Material Based 3D Printing product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Metal Material Based 3D Printing, with price, sales quantity, revenue, and global market share of Metal Material Based 3D Printing from 2020 to 2025.

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

Chapter 4, the Metal Material Based 3D Printing breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

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 2020 to 2025. and Metal Material Based 3D Printing market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

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 Metal Material Based 3D Printing.

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

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