

Global 3D Printing Aluminum Market Growth 2022-2028

<https://marketpublishers.com/r/GF94A474901FEN.html>

Date: December 2022

Pages: 117

Price: US\$ 3,660.00 (Single User License)

ID: GF94A474901FEN

Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

Aluminium is 3D printed using the DMLS (Direct Metal Laser Sintering) or SLM process. A very fine metal powder is melted with a laser to produce your design layer by layer. Once your design is complete any support structures are removed and any finishing completed. Unused powder is recycled for use on the next model.

3D Printing in Aluminium can work out more cost effective than traditional 'subtractive' processes, especially where you have complex or intricate designs. Extra complexity does not add to the price of manufacture as it might with traditional manufacture.

The global market for 3D Printing Aluminum is estimated to increase from US\$ million in 2021 to reach US\$ million by 2028, exhibiting a CAGR of % during 2022-2028. Keeping in mind the uncertainties of COVID-19 and Russia-Ukraine War, we are continuously tracking and evaluating the direct as well as the indirect influence of the pandemic on different end use sectors. These insights are included in the report as a major market contributor.

The APAC 3D Printing Aluminum market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The United States 3D Printing Aluminum market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The Europe 3D Printing Aluminum market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The China 3D Printing Aluminum market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

Global key 3D Printing Aluminum players cover Sandvik, GKN Powder, LPW Technology, Carpenter Additive and AP&C (GE Additive), etc. In terms of revenue, the global largest two companies occupy a share nearly % in 2021.

Report Coverage

This latest report provides a deep insight into the global 3D Printing Aluminum market covering all its essential aspects. This ranges from a macro overview of the market to micro details of the market size, competitive landscape, development trend, niche market, key market drivers and challenges, value chain analysis, etc.

This report aims to provide a comprehensive picture of the global 3D Printing Aluminum market, with both quantitative and qualitative data, to help readers understand how the 3D Printing Aluminum market scenario changed across the globe during the pandemic and Russia-Ukraine War.

The base year considered for analyses is 2021, while the market estimates and forecasts are given from 2022 to 2028. The market estimates are provided in terms of revenue in USD millions and volume in Tons.

Market Segmentation:

The study segments the 3D Printing Aluminum market and forecasts the market size by Type (AlSi10Mg, AlSi7Mg and AlSi12), by Application (Aerospace and Defense, Automotive, Academic Institutions and Others), and region (APAC, Americas, Europe, and Middle East & Africa).

Segmentation by type

AlSi10Mg

AlSi7Mg

AlSi12

Scalmalloy

Others

Segmentation by application

Aerospace and Defense

Automotive

Academic Institutions

Others

Segmentation by region

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

Major companies covered

Sandvik

GKN Powder

LPW Technology

Carpenter Additive

AP&C (GE Additive)

EOS GmbH

Sculpteo (BASF)

Materialise

APWorks

Fehrmann Alloys

Shapeways

3D Systems

AMC Powders

Elementum 3D

Avimetal Powder Metallurgy Technology

Henan Yuanyang Powder Technology

ACME (Advanced Corporation for Materials & Equipments)

Dongguan Hyper Tech

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Chapter 1: Scope of 3D Printing Aluminum, Research Methodology, etc.

Chapter 2: Executive Summary, global 3D Printing Aluminum market size (sales and revenue) and CAGR, 3D Printing Aluminum market size by region, by type, by application, historical data from 2017 to 2022, and forecast to 2028.

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