

Robotic 3D Printing Service Market, Global Outlook and Forecast 2022-2028

<https://marketpublishers.com/r/R5A9FB68186CEN.html>

Date: August 2022

Pages: 66

Price: US\$ 3,250.00 (Single User License)

ID: R5A9FB68186CEN

Abstracts

Robotic additive manufacturing, also known as robotic additive manufacturing, is gaining popularity as a more flexible and efficient technique for 3D printing larger and faster objects. Robotic 3D printing, also known as robotic arm printing, is a type of additive manufacturing that uses robots to create objects. A 3D printer head combines with a multi-axis robotic arm to make a 3D printer considerably more versatile than traditional three-axis devices. With its wide range of motion, the robotic arm offers a whole new realm of creative flexibility in 3D printing. The arm can print from almost any angle, allowing the creation of very intricate curved shapes. Printing parts with a robotic arm does not require supports with 3D printers, allowing greater design freedom and lower material costs. However, this requires self-supporting structures, which would normally rule out cantilevered designs. Many manufacturers, on the other hand, have addressed this problem by allowing the build deck to reorient, allowing for the creation of cantilevers. Due to multi-axis toolpaths that can be designed with specialized 3D printing software, robotic 3D printing does not need to cut through layers like traditional printers.

This report contains market size and forecasts of Robotic 3D Printing Service in Global, including the following market information:

Global Robotic 3D Printing Service Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global top five companies in 2021 (%)

The global Robotic 3D Printing Service market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period

2022-2028.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

Low-Volume Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Robotic 3D Printing Service include Caracol, Nagami Design, Branch Technology, Aectual, Evo 3D, MX3D and Anubis 3D, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Robotic 3D Printing Service companies, and industry experts on this industry, involving the revenue, demand, product type, recent developments and plans, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Robotic 3D Printing Service Market, by Type, 2017-2022, 2023-2028 (\$ millions)

Global Robotic 3D Printing Service Market Segment Percentages, by Type, 2021 (%)

Low-Volume

High-Volume

Global Robotic 3D Printing Service Market, by Application, 2017-2022, 2023-2028 (\$ millions)

Global Robotic 3D Printing Service Market Segment Percentages, by Application, 2021 (%)

Construction

Shipbuilding

Industrial

Automotive

Aerospace

Others

Global Robotic 3D Printing Service Market, By Region and Country, 2017-2022,
2023-2028 (\$ Millions)

Global Robotic 3D Printing Service Market Segment Percentages, By Region and
Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Robotic 3D Printing Service revenues in global market, 2017-2022 (estimated), (\$ millions)

Key companies Robotic 3D Printing Service revenues share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

Caracol

Nagami Design

Branch Technology

Aectual

Evo 3D

MX3D

Anubis 3D

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