

Global Additive Manufacturing Market 2023

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Abstracts

Additive manufacturing has revolutionized the way products are designed, prototyped, and manufactured. Unlike traditional subtractive manufacturing processes, which involve cutting and shaping materials to create a final product, additive manufacturing builds objects layer by layer from digital 3D models. One of the key advantages of additive manufacturing is its ability to produce highly complex geometries and intricate designs that may be difficult or impossible to achieve using traditional manufacturing methods. This capability has led to widespread adoption of additive manufacturing in various industries, including aerospace, automotive, healthcare, and consumer goods.

According to the latest research, the global additive manufacturing market is poised to grow by USD 37.2 billion during 2023-2029, progressing at a CAGR of 19.2% during the forecast period. In aerospace and automotive industries, additive manufacturing is used to produce lightweight, high-strength components, such as aircraft parts and automotive prototypes, leading to improved fuel efficiency and performance. In the healthcare sector, 3D printing is utilized to create patient-specific implants, prosthetics, and surgical guides, offering personalized solutions for medical treatment. Additive manufacturing also enables rapid prototyping and iterative design processes, allowing engineers and designers to quickly create and test product concepts, leading to faster innovation and time-to-market for new products.

This comprehensive industry report provides market estimates and forecasts, accompanied by a detailed examination of the component, printer type, technology, end user, and region aspects. It delivers a quantitative analysis of the market, empowering stakeholders to leverage existing market opportunities. Furthermore, the report identifies key segments for potential opportunities and strategies, drawing insights from market trends and the approaches of leading competitors.

The global baby bottle market has been extensively analyzed by categorizing it

according to various sub-segments in order to provide accurate forecasts of industry size and assess trends within specific areas.

The global market for additive manufacturing can be segmented by component: systems, materials, services, software. Among these, the systems segment was accounted for the highest revenue generator in 2022.

Additive manufacturing market is further segmented by printer type: commercial/industrial 3D printer, desktop/consumer 3D printer. The commercial/industrial 3D printer segment is estimated to account for the largest share of the global additive manufacturing market.

Based on technology, the additive manufacturing market is segmented into: direct energy deposition, jetting, material extrusion, powder bed fusion, VAT photopolymerization, others.

On the basis of end user, the additive manufacturing market also can be divided into: aerospace and defense, automotive, construction and architecture, consumer goods, industrial manufacturing, medical and dental, personal use/hobbies, others.

Additive manufacturing market by region is categorized into: North America, Europe, Asia-Pacific, MEA (Middle East and Africa), Latin America. North America was the highest contributor to the global additive manufacturing market. Going forward, Asia-Pacific is projected to witness the highest CAGR during the forecast period.

The report has also analyzed the competitive landscape of the global additive manufacturing market with some of the key players being 3D Systems Corporation, Cal-Comp Electronics Thailand PCL, EOS GmbH, Formlabs Inc., GE Additive, Guangdong Fenghua Zhuoli Technology Co., Ltd., Harn Engineering Solutions Public Co. Ltd., Markforged, Inc., Massivit 3D Printing Technologies Ltd., Materialise NV, Nano Dimension Ltd., Prodways Group SA, Proto Labs, Inc., SLM Solutions Group AG, Sodick Inc., Stratasys, Ltd., The ExOne Company (Desktop Metal, Inc.), The Hewlett-Packard Company, Ultimaker B.V., Velo3D Inc., Xerox Holdings Corporation, Xi'an Bright Laser Technologies Co., Ltd., XJet Ltd., among others. In this report, key players and their strategies are thoroughly analyzed to understand the competitive outlook of the market.

Why Choose This Report

Gain a reliable outlook of the global additive manufacturing market forecasts from 2023 to 2029 across scenarios.

Identify growth segments for investment.

Stay ahead of competitors through company profiles and market data.

The market estimate for ease of analysis across scenarios in Excel format.

Strategy consulting and research support for three months.

Print authentication provided for the single-user license.

Market Segments Covered in Global Additive Manufacturing Industry Analysis:

i.) Component

Systems

Materials

Services

Software

ii.) Printer type

Commercial/industrial 3D printer

Desktop/consumer 3D printer

iii.) Technology

Direct energy deposition

Jetting

Material extrusion

Powder bed fusion

VAT photopolymerization

Others

iv.) End user

Aerospace and defense

Automotive

Construction and architecture

Consumer goods

Industrial manufacturing

Medical and dental

Personal use/hobbies

Others

v.) Region

North America

Europe

Asia-Pacific

MEA (Middle East and Africa)

Latin America

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 - 10.22 Xi'an Bright Laser Technologies Co., Ltd.
 - 10.23 XJet Ltd.
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