

Global 3D Printing Market 2021

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Abstracts

3D printing, or additive manufacturing, is a process of making three dimensional solid objects from a digital file. 3D printing allows for the design and print of more complex designs than traditional manufacturing processes. The global 3D printing market is set to increase by US\$ 38,120 million from 2021 to 2027, representing a compound annual growth rate (CAGR) of 21.4% during the forecast period. Flexibility and ease of developing customized products, favorable government regulations and market initiatives, increasing research & development activities are expected to boost the market growth in the coming years.

The report provides up-to-date market size data for period 2017-2020 and forecast to 2027 covering key market aspects like sales value for 3D printing. The global 3D printing market is segmented on the basis of offering, process, application, end user, and region. On the basis of offering, the global 3D printing market has been segmented into 3D printers, materials, software, services. Among these, the 3D printers segment was accounted for the highest revenue generator in 2020. By process, the global 3D printing market has been segmented into direct energy deposition, jetting, material extrusion, powder bed fusion, VAT photopolymerization, others. The material extrusion segment is estimated to account for the largest share of the global 3D printing market. Based on application, the global 3D printing market is categorized into functional parts, models, patterns, prototypes. The functional parts segment held the largest share of the global 3D printing market in 2020 and is anticipated to hold its share during the forecast period. On the basis of end user, the global 3D printing market has been segmented into healthcare, consumer goods, automotive, aerospace & defense, personal uses, others. In terms of geography, the global 3D printing market has been segmented into North America, Asia Pacific, Europe, Rest of the World (ROW).

The printers market is further segmented into industrial, and desktop. The industrial segment captured the largest share of the market in 2020 and is expected to maintain

its dominance during the forecast period. Furthermore, the materials market has been categorized into photopolymers, thermoplastics, metals, ceramics, and other materials. According to the research, the photopolymers segment had the largest share in the global 3D printing market.

The global 3D printing market is highly competitive. The key players in the 3D printing market include 3D Systems Corporation, Beijing Tiertime Technology Co. Ltd., EOS GmbH Electro Optical Systems, Formlabs Inc., GE Additive, Hoganas AB, Koninklijke DSM N.V., Materialise NV, Optomec Inc., Stratasys Ltd., The ExOne Company, Ultimaker B.V., voxeljet AG.

Report Scope

Offering: 3D printers, materials, software, services

Process: direct energy deposition, jetting, material extrusion, powder bed fusion, VAT photopolymerization, others

Application: functional parts, models, patterns, prototypes

End user: healthcare, consumer goods, automotive, aerospace & defense, personal uses, others

Region: North America, Asia Pacific, Europe, Rest of the World (ROW)

Years considered: this report covers the period 2017 to 2027

Key Benefits for Stakeholders

Get a comprehensive picture of the global 3D printing market

Pinpoint growth sectors and trends for investment

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Asia Pacific
Europe
Rest of the World (ROW)

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3D SYSTEMS CORPORATION

Beijing Tiertime Technology Co., Ltd.
EOS GmbH Electro Optical Systems
Formlabs Inc.
GE Additive
Hoganas AB
Koninklijke DSM N.V.
Materialise NV
Optomec, Inc.
Stratasys, Ltd.
The ExOne Company
Ultimaker B.V.
voxeljet AG
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