

3D Printing Market Size, Share, and Analysis, By Component (Software, Hardware, and Services), By Printer Type (Industrial 3D Printer and Desktop 3D Printer), By Technology (Selective Laser Sintering, Stereolithography, Fuse Deposition Modeling, Direct Metal Laser Sintering, Inkjet Printing, Polyjet Printing, EBM, Digital Light Processing, and Others), By Application (Prototyping, Production, Proof of Concept, and Others), By Vertical (Automotive, Aerospace & Defense, Healthcare, Architecture & Construction, Consumer Products, Education, and Others), and By Region (North America, Europe, Asia-Pacific, And Rest of the World) And Regional Forecast 2024-2034

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Abstracts

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2024-2034

PRODUCT OVERVIEW

3D Printing Market is anticipated to exhibit a Compound Annual Growth Rate (CAGR) of 22.7% during the forecast span from 2024 to 2034. In 2023, the market size was assessed at USD 21.7 billion and is projected to reach USD 206.5 billion by the completion of 2034.

3D printing, which is also termed as additive manufacturing, is a revolutionary production method that helps in the construction of three-dimensional objects from digital designs. Traditional methods used to involve carving away from a solid material block, whereas 3D printing adds layers of material like plastic, metal, ceramics, or organic substances, until the final object is created. This additive process provides design flexibility and facilitates in the creation of complicated geometries and personalized components that were previously challenging. This allows 3D printing to be used across many industries, like aerospace, automotive, healthcare, and fashion, among others. It provides efficient production with low waste, ranging from fast prototyping to small-scale manufacturing. Therefore, innovations in 3D printing technology display its promising potential, which will alter the future of production and design across several industries.

MARKET HIGHLIGHTS

3D Printing Market is projected to reach USD 206.5 billion over the forecast period, driven by its adaptability and application across various industries. Various sectors such as aerospace, automotive, healthcare, and consumer goods are increasingly integrating 3D printing technology for its ability to create complex designs and customized components. Additionally, benefits like low waste, along with fast production and better flexibility in designs are pushing for its adoption over traditional manufacturing methods. Moreover, the medical field is utilizing 3D printing for prosthetics, implants, and personalized medical devices. Hence, as companies recognize the potential of 3D printing, investment in research & development will increase, which will promote innovation in the 3D printing market. Consequently, the 3D printing market will witness sustained growth as it provides potential for stakeholders to transform manufacturing methods and creative solutions across diverse industries.

3D Printing Market Segments:

By Component

Software

Hardware

Services

By Printer Type

Industrial 3D Printer

Desktop 3D Printer

By Technology

Selective Laser Sintering

Stereolithography

Fuse Deposition Modeling

Direct Metal Laser Sintering

Inkjet Printing

Polyjet Printing

EBM

Digital Light Processing

Others

By Application

Prototyping

Production

Proof of Concept

Others

By Vertical

Automotive

Aerospace & Defense

Healthcare

Architecture & Construction

Consumer Products

Education

Others

MARKET DYNAMICS

Growth Drivers

Technological Improvements will Create Growth Opportunities

Increased Adoption in Healthcare will Lead to Market Expansion

Restraint

Costs and Material Restrictions May Prevent Industry Growth

Key Players

Stratasys Ltd.

3D Systems Corporation

EOS GmbH

Materialise NV

HP Inc.

General Electric Company (GE Additive)

SLM Solutions Group AG

ExOne Company

Prothelabs, Inc.

Voxeljet AG

Renishaw plc

EnvisionTEC, Inc.

Formlabs Inc.

Desktop Metal, Inc.

Carbon, Inc.

Other Prominent Players (Company Overview, Business Strategy, Key Product Offerings, Financial Performance, Key Performance Indicators, Risk Analysis, Recent Development, Regional Presence, SWOT Analysis)

Global Laboratory Temperature Control Units Market is further segmented by region into:

North America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – United States and Canada

Latin America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR

– Mexico, Argentina, Brazil and Rest of Latin America

Europe Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – United Kingdom, France, Germany, Italy, Spain, Belgium, Hungary, Luxembourg, Netherlands, Poland, NORDIC, Russia, Turkey and Rest of Europe

Asia Pacific Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – India, China, South Korea, Japan, Malaysia, Indonesia, New Zealand, Australia and Rest of APAC

Middle East and Africa Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – North Africa, Israel, GCC, South Africa and Rest of MENA

Reasons to Purchase this Report

Qualitative and quantitative analysis of the market based on segmentation involving both economic as well as non-economic factors

Provision of market value (USD Billion) data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry with respect to recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well

as developed regions

Includes in-depth analysis of the market of various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

3-month post-sales analyst support.

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