+44 20 8123 2220
info@marketpublishers.com

3D Printing Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

https://marketpublishers.com/r/3A8011C59FC8EN.html
Date: June 2023
Pages: 143
Price: US$ 2,499.00 (Single User License)
ID: 3A8011C59FC8EN

Abstracts

The global 3D printing market size reached US$ 19.8 Billion in 2022. Looking forward, IMARC Group expects the market to reach US$ 67 Billion by 2028, exhibiting a growth rate (CAGR) of 21.4% during 2023-2028.

The 3D printing technology involves a layer-by-layer addition of materials to build patterns, physical models, tooling components and production parts using software and 3D printers. This technology assists in creating high-end 3D objects of any shape and size without the use of molds or machines. As the technology enables producers to build customized products, it is widely employed in industries such as consumer electronics, healthcare, automobiles, aerospace, etc. to provide solutions and services.

3D printing technology is utilized in the automotive industry to manufacture prototypes and various functional parts. It is also employed in the fashion industry to make jewelry and nylon-based clothing designs. Moreover, customized hearing aid shells, braces and tooth implants are produced using 3D printing in the healthcare sector. Nowadays, manufacturers are also investing in research and development activities for the production of prosthetic parts with the help of biological materials such as bone, skin and cartilage. Furthermore, the advent of metal 3D printing technologies like binder jetting has helped in reducing the overall production time and costs. This is anticipated to bolster the applications of 3D printing particularly in the aerospace industry for manufacturing lighter aircraft structures, frames and parts. North America and Europe being early adopters currently represent the largest market for 3D printing. The Asia Pacific region, particularly China, however, is expected to witness large scale adoption of 3-D printing in the manufacturing sector in the coming years.

Key Market Segmentation:

+44 20 8123 2220
info@marketpublishers.com

IMARC Group provides an analysis of the key trends in each sub-segment of the global 3D printing market report, along with forecasts at the global and regional level from 2023-2028. Our report has categorized the market based on technology, process, material, offering, application and end-user.

Breakup by Technology:

Stereolithography
Fused Deposition Modeling
Selective Laser Sintering
Electron Beam Melting
Digital Light Processing
Others

Breakup by Process:

Binder Jetting
Directed Energy Deposition
Material Extrusion
Material Jetting
Powder Bed Fusion
Sheet Lamination
Vat Photopolymerization

Breakup by Material:

Photopolymers
Plastics
Metals and Ceramics
Others

Breakup by Offering:

Printer
Material
Software
Service

+44 20 8123 2220
info@marketpublishers.com

Breakup by Application:

Prototyping
Tooling
Functional Part Manufacturing

Breakup by End-User:

Consumer Products
Machinery
Healthcare
Aerospace
Automobile
Others

Breakup by Region:

Europe
North America
Asia Pacific
Middle East and Africa
Latin America

Competitive Landscape:

The report has also analysed the competitive landscape of the market with some of the 3D printing key players being Stratasys, 3D Systems, Materialise, EOS GmbH, Ge Additive, Exone, Voxeljet, HP, SLM Solutions, Envisiontec, Protolabs, Mcor Technologies, Optomec, Groupe Gorg?, Ultimaker, Renishaw, Beijing Tiertime Technology, Xyzprinting, etc.

Key Questions Answered in This Report

1. What was the global 3D printing market size in 2022?
2. What will be the global 3D printing market outlook during the forecast period (2023-2028)?
3. What are the global 3D printing market drivers?
4. What are the major trends in the global 3D printing market?
5. What is the impact of COVID-19 on the global 3D printing market?

+44 20 8123 2220
info@marketpublishers.com

6. What is the global 3D printing market breakup by technology?
7. What is the global 3D printing market breakup by process?
8. What is the global 3D printing market breakup by material?
9. What is the global 3D printing market breakup by offering?
10. What is the global 3D printing market breakup by application?
11. What is the global 3D printing market breakup by end user?
12. What are the major regions in the global 3D printing market?

+44 20 8123 2220
info@marketpublishers.com

Contents

1 PREFACE

2 SCOPE AND METHODOLOGY

2.1 Objectives of the Study
2.2 Stakeholders
2.3 Data Sources.
  2.3.1 Primary Sources
  2.3.2 Secondary Sources
2.4 Market Estimation
  2.4.1 Bottom-Up Approach
  2.4.2 Top-Down Approach
2.5 Forecasting Methodology

3 EXECUTIVE SUMMARY

4 INTRODUCTION

4.1 Overview
4.2 Key Industry Trends

5 GLOBAL 3D PRINTING MARKET

5.1 Market Overview
5.2 Market Performance
5.3 Impact of COVID-19
5.4 Market Breakup by Technology
5.5 Market Breakup by Process
5.6 Market Breakup by Material
5.7 Market Breakup by Offering
5.8 Market Breakup by Application
5.9 Market Breakup by End-User
5.10 Market Breakup by Region
5.11 Market Forecast

6 MARKET BREAKUP BY TECHNOLOGY

+44 20 8123 2220
info@marketpublishers.com

6.1 Stereolithography
6.1.1 Market Trends
6.1.2 Market Forecast
6.2 Fused Deposition Modeling
6.2.1 Market Trends
6.2.2 Market Forecast
6.3 Selective Laser Sintering
6.3.1 Market Trends
6.3.2 Market Forecast
6.4 Electron Beam Melting
6.4.1 Market Trends
6.4.2 Market Forecast
6.5 Digital Light Processing
6.5.1 Market Trends
6.5.2 Market Forecast
6.6 Others
6.6.1 Market Trends
6.6.2 Market Forecast

7 MARKET BREAKUP BY PROCESS

7.1 Binder Jetting
7.1.1 Market Trends
7.1.2 Market Forecast
7.2 Directed Energy Deposition
7.2.1 Market Trends
7.2.2 Market Forecast
7.3 Material Extrusion
7.3.1 Market Trends
7.3.2 Market Forecast
7.4 Material Jetting
7.4.1 Market Trends
7.4.2 Market Forecast
7.5 Powder Bed Fusion
7.5.1 Market Trends
7.5.2 Market Forecast
7.6 Sheet Lamination
7.6.1 Market Trends
7.6.2 Market Forecast

+44 20 8123 2220
info@marketpublishers.com

7.7 Vat Photopolymerization
7.7.1 Market Trends
7.7.2 Market Forecast

8 MARKET BREAKUP BY MATERIAL

8.1 Photopolymers
8.1.1 Market Trends
8.1.2 Market Forecast
8.2 Plastics
8.2.1 Market Trends
8.2.2 Market Forecast
8.3 Metals and Ceramics
8.3.1 Market Trends
8.3.2 Market Forecast
8.4 Others
8.4.1 Market Trends
8.4.2 Market Forecast

9 MARKET BREAKUP BY OFFERING

9.1 Printer
9.1.1 Market Trends
9.1.2 Market Forecast
9.2 Material
9.2.1 Market Trends
9.2.2 Market Forecast
9.3 Software
9.3.1 Market Trends
9.3.2 Market Forecast
9.4 Service
9.4.1 Market Trends
9.4.2 Market Forecast

10 MARKET BREAKUP BY APPLICATION

10.1 Prototyping
10.1.1 Market Trends
10.1.2 Market Forecast

+44 20 8123 2220
info@marketpublishers.com

10.2 Tooling
10.2.1 Market Trends
10.2.2 Market Forecast
10.3 Functional Part Manufacturing
10.3.1 Market Trends
10.3.2 Market Forecast

11 MARKET BREAKUP BY END-USER

11.1 Consumer Products
11.1.1 Market Trends
11.1.2 Market Forecast
11.2 Machinery
11.2.1 Market Trends
11.2.2 Market Forecast
11.3 Healthcare
11.3.1 Market Trends
11.3.2 Market Forecast
11.4 Aerospace
11.4.1 Market Trends
11.4.2 Market Forecast
11.5 Automobile
11.5.1 Market Trends
11.5.2 Market Forecast
11.6 Others
11.6.1 Market Trends
11.6.2 Market Forecast

12 MARKET BREAKUP BY REGION

12.1 Europe
12.1.1 Market Trends
12.1.2 Market Forecast
12.2 North America
12.2.1 Market Trends
12.2.2 Market Forecast
12.3 Asia Pacific
12.3.1 Market Trends
12.3.2 Market Forecast

+44 20 8123 2220
info@marketpublishers.com

12.4 Middle East and Africa
12.4.1 Market Trends
12.4.2 Market Forecast
12.5 Latin America
12.5.1 Market Trends
12.5.2 Market Forecast

13 SWOT ANALYSIS

13.1 Overview
13.2 Strengths
13.3 Weaknesses
13.4 Opportunities
13.5 Threats

14 VALUE CHAIN ANALYSIS

15 PORTERS FIVE FORCES ANALYSIS

15.1 Overview
15.2 Bargaining Power of Buyers
15.3 Bargaining Power of Suppliers
15.4 Degree of Competition
15.5 Threat of New Entrants
15.6 Threat of Substitutes

16 PRICE ANALYSIS

16.1 Price Indicators
16.2 Price Structure
16.3 Margin Analysis

17 COMPETITIVE LANDSCAPE

17.1 Market Structure
17.2 Key Players
17.3 Profiles of Key Players
17.3.1 Stratasys
17.3.2 3D Systems

+44 20 8123 2220
info@marketpublishers.com

17.3.3 Materialise
17.3.4 EOS GmbH
17.3.5 Ge Additive
17.3.6 Exone
17.3.7 Voxeljet
17.3.8 HP
17.3.9 SLM Solutions
17.3.10 Envisiontec
17.3.11 Protolabs
17.3.12 Mcor Technologies
17.3.13 Optomec
17.3.14 Groupe Gorg?
17.3.15 Ultimaker
17.3.16 Renishaw
17.3.17 Beijing Tiertime Technology
17.3.18 Xyzprinting

+44 20 8123 2220
info@marketpublishers.com

List Of Tables

LIST OF TABLES

Table 1: Global: 3D Printing Market: Key Industry Highlights, 2022 and 2028
Table 2: Global: 3D Printing Market Forecast: Breakup by Technology (in Million US$), 2023-2028
Table 3: Global: 3D Printing Market Forecast: Breakup by Process (in Million US$), 2023-2028
Table 4: Global: 3D Printing Market Forecast: Breakup by Material (in Million US$), 2023-2028
Table 5: Global: 3D Printing Market Forecast: Breakup by Offering (in Million US$), 2023-2028
Table 6: Global: 3D Printing Market Forecast: Breakup by Application (in Million US$), 2023-2028
Table 7: Global: 3D Printing Market Forecast: Breakup by End-User (in Million US$), 2023-2028
Table 8: Global: 3D Printing Market Forecast: Breakup by Region (in Million US$), 2023-2028
Table 9: Global: 3D Printing Market Structure
Table 10: Global: 3D Printing Market: Key Players

+44 20 8123 2220
info@marketpublishers.com

List Of Figures

LIST OF FIGURES

Figure 1: Global: 3D Printing Market: Major Drivers and Challenges
Figure 2: Global: 3D Printing Market: Sales Value (in Billion US$), 2017-2022
Figure 3: Global: 3D Printing Market: Breakup by Technology (in %), 2022
Figure 4: Global: 3D Printing Market: Breakup by Process (in %), 2022
Figure 5: Global: 3D Printing Market: Breakup by Material (in %), 2022
Figure 6: Global: 3D Printing Market: Breakup by Offering (in %), 2022
Figure 7: Global: 3D Printing Market: Breakup by Application (in %), 2022
Figure 8: Global: 3D Printing Market: Breakup by End-User (in %), 2022
Figure 9: Global: 3D Printing Market: Breakup by Region (in %), 2022
Figure 10: Global: 3D Printing Market Forecast: Sales Value (in Billion US$), 2023-2028
Figure 11: Global: 3D Printing Industry: SWOT Analysis
Figure 12: Global: 3D Printing Industry: Value Chain Analysis
Figure 13: Global: 3D Printing Industry: Porter’s Five Forces Analysis
Figure 14: Global: 3D Printing (Stereolithography) Market: Sales Value (in Million US$), 2017 & 2022
Figure 15: Global: 3D Printing (Stereolithography) Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 16: Global: 3D Printing (Fused Deposition Modeling) Market: Sales Value (in Million US$), 2017 & 2022
Figure 17: Global: 3D Printing (Fused Deposition Modeling) Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 18: Global: 3D Printing (Selective Laser Sintering) Market: Sales Value (in Million US$), 2017 & 2022
Figure 19: Global: 3D Printing (Selective Laser Sintering) Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 20: Global: 3D Printing (Electron Beam Melting) Market: Sales Value (in Million US$), 2017 & 2022
Figure 21: Global: 3D Printing (Electron Beam Melting) Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 22: Global: 3D Printing (Digital Light Processing) Market: Sales Value (in Million US$), 2017 & 2022
Figure 23: Global: 3D Printing (Digital Light Processing) Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 24: Global: 3D Printing (Other Technologies) Market: Sales Value (in Million US$), 2017 & 2022

+44 20 8123 2220
info@marketpublishers.com

Figure 25: Global: 3D Printing (Other Technologies) Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 26: Global: 3D Printing (Binder Jetting) Market: Sales Value (in Million US$), 2017 & 2022
Figure 27: Global: 3D Printing (Binder Jetting) Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 28: Global: 3D Printing (Directed Energy Deposition) Market: Sales Value (in Million US$), 2017 & 2022
Figure 29: Global: 3D Printing (Directed Energy Deposition) Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 30: Global: 3D Printing (Material Extrusion) Market: Sales Value (in Million US$), 2017 & 2022
Figure 31: Global: 3D Printing (Material Extrusion) Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 32: Global: 3D Printing (Material Jetting) Market: Sales Value (in Million US$), 2017 & 2022
Figure 33: Global: 3D Printing (Material Jetting) Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 34: Global: 3D Printing (Powder Bed Fusion) Market: Sales Value (in Million US$), 2017 & 2022
Figure 35: Global: 3D Printing (Powder Bed Fusion) Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 36: Global: 3D Printing (Sheet Lamination) Market: Sales Value (in Million US$), 2017 & 2022
Figure 37: Global: 3D Printing (Sheet Lamination) Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 38: Global: 3D Printing (Vat Photopolymerization) Market: Sales Value (in Million US$), 2017 & 2022
Figure 39: Global: 3D Printing (Vat Photopolymerization) Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 40: Global: 3D Printing (Photopolymers) Market: Sales Value (in Million US$), 2017 & 2022
Figure 41: Global: 3D Printing (Photopolymers) Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 42: Global: 3D Printing (Plastics) Market: Sales Value (in Million US$), 2017 & 2022
Figure 43: Global: 3D Printing (Plastics) Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 44: Global: 3D Printing (Metals and Ceramics) Market: Sales Value (in Million

+44 20 8123 2220
info@marketpublishers.com

US$), 2017 & 2022
Figure 45: Global: 3D Printing (Metals and Ceramics) Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 46: Global: 3D Printing (Other Materials) Market: Sales Value (in Million US$), 2017 & 2022
Figure 47: Global: 3D Printing (Other Materials) Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 48: Global: 3D Printing (Printer) Market: Sales Value (in Million US$), 2017 & 2022
Figure 49: Global: 3D Printing (Printer) Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 50: Global: 3D Printing (Material) Market: Sales Value (in Million US$), 2017 & 2022
Figure 51: Global: 3D Printing (Material) Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 52: Global: 3D Printing (Software) Market: Sales Value (in Million US$), 2017 & 2022
Figure 53: Global: 3D Printing (Software) Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 54: Global: 3D Printing (Service) Market: Sales Value (in Million US$), 2017 & 2022
Figure 55: Global: 3D Printing (Service) Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 56: Global: 3D Printing (Prototyping) Market: Sales Value (in Million US$), 2017 & 2022
Figure 57: Global: 3D Printing (Prototyping) Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 58: Global: 3D Printing (Tooling) Market: Sales Value (in Million US$), 2017 & 2022
Figure 59: Global: 3D Printing (Tooling) Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 60: Global: 3D Printing (Functional Part Manufacturing) Market: Sales Value (in Million US$), 2017 & 2022
Figure 61: Global: 3D Printing (Functional Part Manufacturing) Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 62: Global: 3D Printing (Consumer Products) Market: Sales Value (in Million US$), 2017 & 2022
Figure 63: Global: 3D Printing (Consumer Products) Market Forecast: Sales Value (in Million US$), 2023-2028

+44 20 8123 2220
info@marketpublishers.com

Figure 64: Global: 3D Printing (Machinery) Market: Sales Value (in Million US$), 2017 & 2022
Figure 65: Global: 3D Printing (Machinery) Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 66: Global: 3D Printing (Healthcare) Market: Sales Value (in Million US$), 2017 & 2022
Figure 67: Global: 3D Printing (Healthcare) Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 68: Global: 3D Printing (Aerospace) Market: Sales Value (in Million US$), 2017 & 2022
Figure 69: Global: 3D Printing (Aerospace) Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 70: Global: 3D Printing (Automobile) Market: Sales Value (in Million US$), 2017 & 2022
Figure 71: Global: 3D Printing (Automobile) Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 72: Global: 3D Printing (Other End-Users) Market: Sales Value (in Million US$), 2017 & 2022
Figure 73: Global: 3D Printing (Other End-Users) Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 74: Europe: 3D Printing Market: Sales Value (in Million US$), 2017 & 2022
Figure 75: Europe: 3D Printing Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 76: North America: 3D Printing Market: Sales Value (in Million US$), 2017 & 2022
Figure 77: North America: 3D Printing Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 78: Asia Pacific: 3D Printing Market: Sales Value (in Million US$), 2017 & 2022
Figure 79: Asia Pacific: 3D Printing Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 80: Middle East and Africa: 3D Printing Market: Sales Value (in Million US$), 2017 & 2022
Figure 81: Middle East and Africa: 3D Printing Market Forecast: Sales Value (in Million US$), 2023-2028
Figure 82: Latin America: 3D Printing Market: Sales Value (in Million US$), 2017 & 2022
Figure 83: Latin America: 3D Printing Market Forecast: Sales Value (in Million US$), 2023-2028
?

+44 20 8123 2220
info@marketpublishers.com

I would like to order

Product name: 3D Printing Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

Product link: https://marketpublishers.com/r/3A8011C59FC8EN.html

Price: US$ 2,499.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:
info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/3A8011C59FC8EN.html

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

**All fields are required

Custumer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at https://marketpublishers.com/docs/terms.html

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

+44 20 8123 2220
info@marketpublishers.com