

Global 3D Bioprinting Market 2021 and Forecast 2029

<http://jcmarketresearch.com/report-details/1230774>

Single User Price : 3900

Multiple User Price : 7800

Key Companies

3Dynamic Systems Ltd

Cyfuse Biomedical K.K.

ORGANOVO HOLDINGS Inc.

CELLINK

Voxeljet

EnvisionTEC

GeSiM

Stratasys Ltd.

Nano3D Biosciences Inc.

Poietis

regenHU

Biogelx

Aspect Biosystems Ltd.

3D Systems Inc.

Materialise and Solidscape Inc.

Segmentation Covered :

Market By Technology (Magnetic 3D Bioprinting, Laser-Assisted Bioprinting, Inkjet 3D Bioprinting, Microextrusion Bioprinting, Syringe-Based, Others), Material (Hydrogels, Living Cells, Extracellular Matrices, Others), Application (Clinical, Research, Biosensors, Bioinks, Consumer/Personal Product Testing, Food & Animal Product),

By Region :

Asia-Pacific: China, Southeast Asia, India, Japan, Korea, Oceania

Europe : Germany, UK, France, Italy, Russia, Spain, Netherlands, Turkey, Switzerland

North America : United States, Canada, Mexico

Middle East & Africa : GCC, North Africa, South Africa

South America : Brazil, Argentina, Columbia, Chile, Peru

Chapter 1 Global 3D Bioprinting Market Overview

1.1 Introduction

1.2 Taxonomy

1.2.1 By Product Type & End User

1.2.2 By Region

1.3 Drivers for 3D Bioprinting Market

1.4 Restraints for 3D Bioprinting Market

1.5 Opportunities for 3D Bioprinting Market

1.6 Trends for 3D Bioprinting Market

1.7 COVID-19 Impact Assessment on 3D Bioprinting Industry

1.8 Macro-economic Factors

1.9 Regulatory Framework

1.10 Pricing Analysis by Region, 2020

1.11 Opportunity Map Analysis

1.12 Opportunity Orbits

1.13 Market Investment Feasibility Index

1.14 PEST Analysis

1.15 PORTERS Five Force Analysis

1.16 Go to Market Strategy

1.17 Value Chain Analysis

1.18 Cost Structure Analysis

1.19 Regional Market Share and BPS Analysis

Chapter 2 Global 3D Bioprinting Market Overview

2.1 Global 3D Bioprinting Market by Product Type

2.1.1 Global 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) Comparison by Product Type (2013-2029)

2.1.2 Global 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) Market Share by Product Type in 2019

2.1.3 Global 3D Bioprinting Market Attractiveness Analysis by Product Type, (2013-2020)

2.2 Global 3D Bioprinting Market by End User

2.2.1 Global 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) Comparison by End User (2013-2029)

2.2.2 Global 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) Market

Share by End User in 2019

2.2.3 Global 3D Bioprinting Market Attractiveness Analysis by End User, (2013-2020)

2.3 Global 3D Bioprinting Market by Region

2.3.1 Global 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) Comparison by Region (2013-2029)

2.3.2 Global 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) Market Share by Region in 2019

2.3.3 Global 3D Bioprinting Market Attractiveness Analysis by Region, (2013-2020)

2.4 Global 3D Bioprinting Market Outlook (2013-2029)

2.4.1 Global 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) (2013-2020)

2.4.2 Global 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) (2021-2029)

2.5 Global 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) by Regions

2.5.1 Global 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) Comparison by Region (2013-2020)

2.5.2 Global 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) Comparison by Region (2021-2029)

2.6 Global 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) by Product Type

2.6.1 Global 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) Comparison by Product Type (2013-2020)

2.6.2 Global 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) Comparison by Product Type (2021-2029)

2.7 Global 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) by End User

2.7.1 Global 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) Comparison by End User (2013-2020)

2.7.2 Global 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) Comparison by End User (2021-2029)

2.8 Global 3D Bioprinting Market Y-o-Y Growth Rate Comparison (2014-2029)

2.8.1 Global 3D Bioprinting Market Y-o-Y Growth Rate by Region

2.8.2 Global 3D Bioprinting Market Y-o-Y Growth Rate by Product Type

2.8.3 Global 3D Bioprinting Market Y-o-Y Growth Rate by End User

2.9 Global 3D Bioprinting Market Share Comparison (2013-2029)

2.9.1 Global 3D Bioprinting Market Share by Region

2.9.2 Global 3D Bioprinting Market Share by Product Type

2.9.3 Global 3D Bioprinting Market Share by End User

Chapter 3 North America 3D Bioprinting Market Overview

3.1 North America 3D Bioprinting Market by Product Type

- 3.1.1 North America 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) Comparison by Product Type (2013-2029)
- 3.1.2 North America 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) Market Share by Product Type in 2019
- 3.1.3 North America 3D Bioprinting Market Attractiveness Analysis by Product Type, (2013-2020)
- 3.2 North America 3D Bioprinting Market by End User
 - 3.2.1 North America 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) Comparison by End User (2013-2029)
 - 3.2.2 North America 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) Market Share by End User in 2019
 - 3.2.3 North America 3D Bioprinting Market Attractiveness Analysis by End User, (2013-2020)
- 3.3 North America 3D Bioprinting Market by Region
 - 3.3.1 North America 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) Comparison by Region (2013-2029)
 - 3.3.2 North America 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) Market Share by Region in 2019
 - 3.3.3 North America 3D Bioprinting Market Attractiveness Analysis by Region, (2013-2020)
- 3.4 North America 3D Bioprinting Market Outlook (2013-2029)
 - 3.4.1 North America 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) (2013-2020)
 - 3.4.2 North America 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) (2021-2029)
- 3.5 North America 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) by Regions
 - 3.5.1 North America 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) Comparison by Region (2013-2020)
 - 3.5.2 North America 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) Comparison by Region (2021-2029)
- 3.6 North America 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) by Product Type
 - 3.6.1 North America 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) Comparison by Product Type (2013-2020)
 - 3.6.2 North America 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) Comparison by Product Type (2021-2029)
- 3.7 North America 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) by End User
 - 3.7.1 North America 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) Comparison by End User (2013-2020)

3.7.2 North America 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) Comparison by End User (2021-2029)

3.8 North America 3D Bioprinting Market Y-o-Y Growth Rate Comparison (2014-2029)

3.8.1 North America 3D Bioprinting Market Y-o-Y Growth Rate by Region

3.8.2 North America 3D Bioprinting Market Y-o-Y Growth Rate by Product Type

3.8.3 North America 3D Bioprinting Market Y-o-Y Growth Rate by End User

3.9 North America 3D Bioprinting Market Share Comparison (2013-2029)

3.9.1 North America 3D Bioprinting Market Share by Region

3.9.2 North America 3D Bioprinting Market Share by Product Type

3.9.3 North America 3D Bioprinting Market Share by End User

Chapter 4 Europe 3D Bioprinting Market Overview

4.1 Europe 3D Bioprinting Market by Product Type

4.1.1 Europe 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) Comparison by Product Type (2013-2029)

4.1.2 Europe 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) Market Share by Product Type in 2019

4.1.3 Europe 3D Bioprinting Market Attractiveness Analysis by Product Type, (2013-2020)

4.2 Europe 3D Bioprinting Market by End User

4.2.1 Europe 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) Comparison by End User (2013-2029)

4.2.2 Europe 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) Market Share by End User in 2019

4.2.3 Europe 3D Bioprinting Market Attractiveness Analysis by End User, (2013-2020)

4.3 Europe 3D Bioprinting Market by Region

4.3.1 Europe 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) Comparison by Region (2013-2029)

4.3.2 Europe 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) Market Share by Region in 2019

4.3.3 Europe 3D Bioprinting Market Attractiveness Analysis by Region, (2013-2020)

4.4 Europe 3D Bioprinting Market Outlook (2013-2029)

4.4.1 Europe 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) (2013-2020)

4.4.2 Europe 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) (2021-2029)

4.5 Europe 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) by Regions

4.5.1 Europe 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) Comparison by Region (2013-2020)

- 4.5.2 Europe 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) Comparison by Region (2021-2029)
- 4.6 Europe 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) by Product Type
 - 4.6.1 Europe 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) Comparison by Product Type (2013-2020)
 - 4.6.2 Europe 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) Comparison by Product Type (2021-2029)
- 4.7 Europe 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) by End User
 - 4.7.1 Europe 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) Comparison by End User (2013-2020)
 - 4.7.2 Europe 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) Comparison by End User (2021-2029)
- 4.8 Europe 3D Bioprinting Market Y-o-Y Growth Rate Comparison (2014-2029)
 - 4.8.1 Europe 3D Bioprinting Market Y-o-Y Growth Rate by Region
 - 4.8.2 Europe 3D Bioprinting Market Y-o-Y Growth Rate by Product Type
 - 4.8.3 Europe 3D Bioprinting Market Y-o-Y Growth Rate by End User
- 4.9 Europe 3D Bioprinting Market Share Comparison (2013-2029)
 - 4.9.1 Europe 3D Bioprinting Market Share by Region
 - 4.9.2 Europe 3D Bioprinting Market Share by Product Type
 - 4.9.3 Europe 3D Bioprinting Market Share by End User

Chapter 5 Asia Pacific 3D Bioprinting Market Overview

- 5.1 Asia Pacific 3D Bioprinting Market by Product Type
 - 5.1.1 Asia Pacific 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) Comparison by Product Type (2013-2029)
 - 5.1.2 Asia Pacific 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) Market Share by Product Type in 2019
 - 5.1.3 Asia Pacific 3D Bioprinting Market Attractiveness Analysis by Product Type, (2013-2020)
- 5.2 Asia Pacific 3D Bioprinting Market by End User
 - 5.2.1 Asia Pacific 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) Comparison by End User (2013-2029)
 - 5.2.2 Asia Pacific 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) Market Share by End User in 2019
 - 5.2.3 Asia Pacific 3D Bioprinting Market Attractiveness Analysis by End User, (2013-2020)
- 5.3 Asia Pacific 3D Bioprinting Market by Region
 - 5.3.1 Asia Pacific 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) Comparison by Region (2013-2029)
 - 5.3.2 Asia Pacific 3D Bioprinting Market Value (US\$ Mn) and Volume (Units)

Market Share by Region in 2019

5.3.3 Asia Pacific 3D Bioprinting Market Attractiveness Analysis by Region, (2013-2020)

5.4 Asia Pacific 3D Bioprinting Market Outlook (2013-2029)

5.4.1 Asia Pacific 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) (2013-2020)

5.4.2 Asia Pacific 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) (2021-2029)

5.5 Asia Pacific 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) by Regions

5.5.1 Asia Pacific 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) Comparison by Region (2013-2020)

5.5.2 Asia Pacific 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) Comparison by Region (2021-2029)

5.6 Asia Pacific 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) by Product Type

5.6.1 Asia Pacific 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) Comparison by Product Type (2013-2020)

5.6.2 Asia Pacific 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) Comparison by Product Type (2021-2029)

5.7 Asia Pacific 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) by End User

5.7.1 Asia Pacific 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) Comparison by End User (2013-2020)

5.7.2 Asia Pacific 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) Comparison by End User (2021-2029)

5.8 Asia Pacific 3D Bioprinting Market Y-o-Y Growth Rate Comparison (2014-2029)

5.8.1 Asia Pacific 3D Bioprinting Market Y-o-Y Growth Rate by Region

5.8.2 Asia Pacific 3D Bioprinting Market Y-o-Y Growth Rate by Product Type

5.8.3 Asia Pacific 3D Bioprinting Market Y-o-Y Growth Rate by End User

5.9 Asia Pacific 3D Bioprinting Market Share Comparison (2013-2029)

5.9.1 Asia Pacific 3D Bioprinting Market Share by Region

5.9.2 Asia Pacific 3D Bioprinting Market Share by Product Type

5.9.3 Asia Pacific 3D Bioprinting Market Share by End User

Chapter 6 South America 3D Bioprinting Market Overview

6.1 South America 3D Bioprinting Market by Product Type

6.1.1 South America 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) Comparison by Product Type (2013-2029)

6.1.2 South America 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) Market Share by Product Type in 2019

6.1.3 South America 3D Bioprinting Market Attractiveness Analysis by Product Type, (2013-2020)

6.2 South America 3D Bioprinting Market by End User

6.2.1 South America 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) Comparison by End User (2013-2029)

6.2.2 South America 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) Market Share by End User in 2019

6.2.3 South America 3D Bioprinting Market Attractiveness Analysis by End User, (2013-2020)

6.3 South America 3D Bioprinting Market by Region

6.3.1 South America 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) Comparison by Region (2013-2029)

6.3.2 South America 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) Market Share by Region in 2019

6.3.3 South America 3D Bioprinting Market Attractiveness Analysis by Region, (2013-2020)

6.4 South America 3D Bioprinting Market Outlook (2013-2029)

6.4.1 South America 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) (2013-2020)

6.4.2 South America 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) (2021-2029)

6.5 South America 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) by Regions

6.5.1 South America 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) Comparison by Region (2013-2020)

6.5.2 South America 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) Comparison by Region (2021-2029)

6.6 South America 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) by Product Type

6.6.1 South America 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) Comparison by Product Type (2013-2020)

6.6.2 South America 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) Comparison by Product Type (2021-2029)

6.7 South America 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) by End User

6.7.1 South America 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) Comparison by End User (2013-2020)

6.7.2 South America 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) Comparison by End User (2021-2029)

6.8 South America 3D Bioprinting Market Y-o-Y Growth Rate Comparison (2014-2029)

- 6.8.1 South America 3D Bioprinting Market Y-o-Y Growth Rate by Region
- 6.8.2 South America 3D Bioprinting Market Y-o-Y Growth Rate by Product Type
- 6.8.3 South America 3D Bioprinting Market Y-o-Y Growth Rate by End User
- 6.9 South America 3D Bioprinting Market Share Comparison 2013-2029
 - 6.9.1 South America 3D Bioprinting Market Share by Region
 - 6.9.2 South America 3D Bioprinting Market Share by Product Type
 - 6.9.3 South America 3D Bioprinting Market Share by End User

Chapter 7 MEA 3D Bioprinting Market Overview

- 7.1 MEA 3D Bioprinting Market by Product Type
 - 7.1.1 MEA 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) Comparison by Product Type (2013-2029)
 - 7.1.2 MEA 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) Market Share by Product Type in 2019
 - 7.1.3 MEA 3D Bioprinting Market Attractiveness Analysis by Product Type, (2013-2020)
- 7.2 MEA 3D Bioprinting Market by End User
 - 7.2.1 MEA 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) Comparison by End User (2013-2029)
 - 7.2.2 MEA 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) Market Share by End User in 2019
 - 7.2.3 MEA 3D Bioprinting Market Attractiveness Analysis by End User, (2013-2020)
- 7.3 MEA 3D Bioprinting Market by Region
 - 7.3.1 MEA 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) Comparison by Region (2013-2029)
 - 7.3.2 MEA 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) Market Share by Region in 2019
 - 7.3.3 MEA 3D Bioprinting Market Attractiveness Analysis by Region, (2013-2020)
- 7.4 MEA 3D Bioprinting Market Outlook (2013-2029)
 - 7.4.1 MEA 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) (2013-2020)
 - 7.4.2 MEA 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) (2021-2029)
- 7.5 MEA 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) by Regions
 - 7.5.1 MEA 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) Comparison by Region (2013-2020)
 - 7.5.2 MEA 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) Comparison by Region (2021-2029)
- 7.6 MEA 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) by Product Type
 - 7.6.1 MEA 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) Comparison by Product Type (2013-2020)
 - 7.6.2 MEA 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) Comparison

by Product Type (2021-2029)

7.7 MEA 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) by End User

7.7.1 MEA 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) Comparison by End User (2013-2020)

7.7.2 MEA 3D Bioprinting Market Value (US\$ Mn) and Volume (Units) Comparison by End User (2021-2029)

7.8 MEA 3D Bioprinting Market Y-o-Y Growth Rate Comparison (2014-2029)

7.8.1 MEA 3D Bioprinting Market Y-o-Y Growth Rate by Region

7.8.2 MEA 3D Bioprinting Market Y-o-Y Growth Rate by Product Type

7.8.3 MEA 3D Bioprinting Market Y-o-Y Growth Rate by End User

7.9 MEA 3D Bioprinting Market Share Comparison (2013-2029)

7.9.1 MEA 3D Bioprinting Market Share by Region

7.9.2 MEA 3D Bioprinting Market Share by Product Type

7.9.3 MEA 3D Bioprinting Market Share by End User

Chapter 8 Global 3D Bioprinting Market Company Profiles

8.1 Market Competition Scenario Analysis, By Company

8.2 Competitor Landscape

8.3 Company Share Analysis

8.4 Company Profiles

8.4.1 Company

8.4.1.1 Company Overview

8.4.1.2 Business Description

8.4.1.3 Product Portfolio

8.4.1.4 Key Financials

8.4.1.5 Key Developments

8.4.1.6 SWOT Analysis

Companies Included :

3Dynamic Systems Ltd

Cyfuse Biomedical K.K.

ORGANOVO HOLDINGS Inc.

CELLINK

Voxeljet

EnvisionTEC

GeSiM

Stratasys Ltd.

Nano3D Biosciences Inc.

Poietis

regenHU

Biogelx

Aspect Biosystems Ltd.

3D Systems Inc.

Materialise and Solidscape Inc.

Chapter 9 Methodology and Data Source

9.1 Research Approach/ Methodology

9.2 Market Size Estimation

9.3 Market Breakdown and Data Triangulation

9.4 Data Source

9.4.1 Secondary Sources

9.4.2 Primary Sources