

Global 3D Printing (Additive Manufacturing) Market: Industry Analysis & Outlook (2018-2022)

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Abstracts

3D printing, also known as additive manufacturing, is a process used to build three-dimensional objects by stacking successive layers of raw materials until the object takes the desired form. The deposition of layers are governed by computer-aided software which houses a virtual 3D blueprint as well as technical specifications needed for fabrications, including measurements (length, width and height) of each layer. As per the specifications, CAD slices the virtual model into layers and sends a string of code to the 3D printer on how to stack the layers of raw material. A layer can be as thick as one-thousandth of an inch, thus 3D printing is usually considered to be an extremely high-precision manufacturing procedure. 3D printing is predominantly used for producing functional parts and models/prototypes for various applications within industrial, healthcare, government, defense and consumer end markets.

North America is a major contributor to the global 3D printing market supported by early adoption of 3D printing technologies and technical advancements. Europe also contributed a significant share to the global 3D printing market.

Aerospace and Medical & Dental industries were significant in the global 3D printing market growth due to strong penetration of 3D printed products in these industries. Automotive industry has also made a push to leverage the global 3D printing market.

The global 3D printing market is expected to grow in future due to rapid urbanization, increasing number of 3D printer manufacturers, growing sales of 3D inkjet printheads, increasing number of FDA approved medical products and rising disposable income. Key trends of this market include strengthening ASPs of industrial 3D printers, overcoming the challenges and demand of 3D printing in aerospace and automotive industry. However, there are some factors which can hinder the market growth including

intellectual property concerns and 3D printing as a security risk.

The report “Global 3D Printing Market: Industry Analysis & Outlook (2018-2022)” by Koncept Analytics provides an extensive research and detailed analysis of the present market along with future outlook. The report discusses the major growth drivers and challenges of the market, covering the U.S., Asia-Pacific and Europe region along with the global market. The report profiles the key players of the market including HP Inc., 3D Systems, Stratasys and Materialise NV.

Contents

1. OVERVIEW

- 1.1 3D Printing
- 1.2 Segments of 3D Printing Market
- 1.3 3D Printing End-Markets

2. GLOBAL 3D PRINTING MARKET ANALYSIS

- 2.1 3D Printing Market by Value
- 2.2 3D Printing Market Value Forecast
- 2.3 3D Printing Market by Segment
 - 2.3.1 Global 3D Printing Products Market Value Forecast
 - 2.3.2 Global 3D Printing Materials Market Value Forecast
 - 2.3.3 Global 3D Printing Metal Powder Market Value Forecast
 - 2.3.4 Global 3D Printing Parts & Services Market Value Forecast
- 2.4 3D Printing Market by End Users
 - 2.4.1 Global Industrial 3D Printing Market Value Forecast
 - 2.4.2 Global Aerospace 3D Printing Market Value Forecast
 - 2.4.3 Global Consumer 3D Printing Market Value Forecast
 - 2.4.4 Global Automotive 3D Printing Market Value Forecast
 - 2.4.5 Global Medical/Dental 3D Printing Market Value Forecast
- 2.5 3D Printing Market by Application
- 2.6 3D Printing Market by Region

3. REGIONAL MARKET ANALYSIS

- 3.1 North America
 - 3.1.1 North America 3D Printing Market Value Forecast
- 3.2 Europe
 - 3.2.1 Europe 3D Printing Market Value Forecast
 - 3.2.2 Europe 3D Printing Market by Country
- 3.3 Asia-Pacific
 - 3.3.1 Asia-Pacific 3D Printing Market Value Forecast
 - 3.3.2 Asia-Pacific 3D Printing Market by Country

4. MARKET DYNAMICS

4.1 Growth Drivers

- 4.1.1 Increasing Number of 3D Printer Manufacturers
- 4.1.2 Growing 3D Inkjet Printhead Sales
- 4.1.3 Rapid Urbanization
- 4.1.4 Increasing Disposable Income
- 4.1.5 Increasing Number of Approved 3D Printed Medical Products by FDA

4.2 Key Trends

- 4.2.1 ASP of Industrial 3D Printers
- 4.2.2 Overcoming the Challenges
- 4.2.3 Demand of 3D Printing in Aerospace and Automotive Industry

4.3 Challenges

- 4.3.1 Intellectual Property Concerns
- 4.3.2 3D Printing as Security Risk

5. COMPETITION

5.1 Global Market

- 5.1.1 Key Players of 3D Printing Market
- 5.1.2 Market Cap Comparison of Key Players

6. COMPANY PROFILES

6.1 HP Inc

- 6.1.1 Business Overview
- 6.1.2 Financial Overview
- 6.1.3 Business Strategies

6.2 Stratasys Ltd.

- 6.2.1 Business Overview
- 6.2.2 Financial Overview
- 6.2.3 Business Strategies

6.3 3D Systems

- 6.3.1 Business Overview
- 6.3.2 Financial Overview
- 6.3.3 Business Strategies

6.4 Materialise

- 6.4.1 Business Overview
- 6.4.2 Financial Overview
- 6.4.3 Business Strategies

List Of Charts

LIST OF CHARTS

Types of 3D Printing Technologies

3D PRINTING MARKET SEGMENTS

Global 3D Printing Market by Value (2013-2017)
Global 3D Printing Market Value Forecast (2017-2022)
Global 3D Printing Market by Segment (2017/2022)
Global 3D Printing Products Market Value Forecast (2017-2022)
Global 3D Printing Materials Market Value Forecast (2017-2022)
Global 3D Printing Metal Powder Market Value Forecast (2017-2022)
Global 3D Printing Parts & Services Market Value Forecast (2017-2022)
Global 3D Printing Market by End Users (2017)
Global Industrial 3D Printing Market Value Forecast (2013-2022)
Global Aerospace 3D Printing Market Value Forecast (2013-2022)
Global Consumer 3D Printing Market Value Forecast (2013-2022)
Global Automotive 3D Printing Market Value Forecast (2013-2022)
Global Medical/Dental 3D Printing Market Value Forecast (2013-2022)
Global 3D Printing Market by Application (2017)
Global 3D Printing Market by Region (2017/2022)
North America 3D Printing Market Value Forecast (2017-2022)
Europe 3D Printing Market Value Forecast (2017-2022)
Europe 3D Printing Market by Country (2017)
Asia-Pacific 3D Printing Market Value Forecast (2017-2022)
Asia-Pacific 3D Printing Market by Country (2017)
Global Number of 3D Printer Manufacturers (2013-2017)
Global 3D Inkjet Printhead Sales (2017-2022)
Global Urban Population (2013-2017)
Global GNI per Capita (2013-2017)
Global ASP of Industrial 3D Printers (2013-2017)
Market Cap Comparison of Key Players
HP Inc. Revenue by Segment (2017)
HP Inc. Net Revenue & Net Earnings (2013-2017)
HP Inc. R&D Expenditure (2015-2017)
Stratasys Ltd. Sales by Segment (2017)
Stratasys Ltd. Net Sales & Net Loss (2013-2017)

Stratasys Ltd. R&D Expenditure (2015-2017)

3D SYSTEMS REVENUE BY SEGMENT (2017)

3D SYSTEMS REVENUE & NET LOSS (2013-2017)

3D SYSTEMS R&D EXPENDITURE (2015-2017)

Materialise Revenue by Segment (2017)

Materialise Revenue & Net Profit (2013-2017)

Materialise R&D Expenditure (2015-2017)

List Of Tables

LIST OF TABLES

Application Areas of 3D Printing Market

FDA Approved Medical Products

Challenges and Potential Solutions of 3D Printing Market

Key Players of 3D Printing Market (2017)

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