

Global 4D Printing Market Research Report 2018

https://marketpublishers.com/r/G0EE3C172B8EN.html Date: January 2018 Pages: 103 Price: US\$ 2,900.00 (Single User License) ID: G0EE3C172B8EN

Abstracts

In this report, the global 4D Printing market is valued at USD XX million in 2017 and is expected to reach USD XX million by the end of 2025, growing at a CAGR of XX% between 2017 and 2025.

Geographically, this report is segmented into several key Regions, with production, consumption, revenue (million USD), market share and growth rate of 4D Printing in these regions, from 2013 to 2025 (forecast), covering

North America Europe China Japan Southeast Asia

Global 4D Printing market competition by top manufacturers, with production, price, revenue (value) and market share for each manufacturer; the top players including

Autodesk Inc.

Hewlett-Packard Inc.



Stratasys Ltd.

On the basis of product, this report displays the production, revenue, price, market share and growth rate of each type, primarily split into

Programmable Carbon Fiber

Programmable Wood - Custom Printed Wood Grain

Programmable Textiles

On the basis of the end users/applications, this report focuses on the status and outlook for major applications/end users, consumption (sales), market share and growth rate for each application, including

Military & Defense Aerospace Automotive Textile Healthcare Others

If you have any special requirements, please let us know and we will offer you the report as you want.



Contents

Global 4D Printing Market Research Report 2018

1 4D PRINTING MARKET OVERVIEW

- 1.1 Product Overview and Scope of 4D Printing
- 1.2 4D Printing Segment by Type (Product Category)
- 1.2.1 Global 4D Printing Production and CAGR (%) Comparison by Type (Product Category)(2013-2025)
 - 1.2.2 Global 4D Printing Production Market Share by Type (Product Category) in 2017
 - 1.2.3 Programmable Carbon Fiber
 - 1.2.4 Programmable Wood Custom Printed Wood Grain
 - 1.2.5 Programmable Textiles
- 1.3 Global 4D Printing Segment by Application
- 1.3.1 4D Printing Consumption (Sales) Comparison by Application (2013-2025)
- 1.3.2 Military & Defense
- 1.3.3 Aerospace
- 1.3.4 Automotive
- 1.3.5 Textile
- 1.3.6 Healthcare
- 1.3.7 Others
- 1.4 Global 4D Printing Market by Region (2013-2025)

1.4.1 Global 4D Printing Market Size (Value) and CAGR (%) Comparison by Region (2013-2025)

- 1.4.2 North America Status and Prospect (2013-2025)
- 1.4.3 Europe Status and Prospect (2013-2025)
- 1.4.4 China Status and Prospect (2013-2025)
- 1.4.5 Japan Status and Prospect (2013-2025)
- 1.4.6 Southeast Asia Status and Prospect (2013-2025)
- 1.4.7 India Status and Prospect (2013-2025)
- 1.5 Global Market Size (Value) of 4D Printing (2013-2025)
- 1.5.1 Global 4D Printing Revenue Status and Outlook (2013-2025)
- 1.5.2 Global 4D Printing Capacity, Production Status and Outlook (2013-2025)

2 GLOBAL 4D PRINTING MARKET COMPETITION BY MANUFACTURERS

- 2.1 Global 4D Printing Capacity, Production and Share by Manufacturers (2013-2018)
 - 2.1.1 Global 4D Printing Capacity and Share by Manufacturers (2013-2018)



2.1.2 Global 4D Printing Production and Share by Manufacturers (2013-2018)

2.2 Global 4D Printing Revenue and Share by Manufacturers (2013-2018)

2.3 Global 4D Printing Average Price by Manufacturers (2013-2018)

2.4 Manufacturers 4D Printing Manufacturing Base Distribution, Sales Area and Product Type

2.5 4D Printing Market Competitive Situation and Trends

2.5.1 4D Printing Market Concentration Rate

2.5.2 4D Printing Market Share of Top 3 and Top 5 Manufacturers

2.5.3 Mergers & Acquisitions, Expansion

3 GLOBAL 4D PRINTING CAPACITY, PRODUCTION, REVENUE (VALUE) BY REGION (2013-2018)

3.1 Global 4D Printing Capacity and Market Share by Region (2013-2018)

3.2 Global 4D Printing Production and Market Share by Region (2013-2018)

3.3 Global 4D Printing Revenue (Value) and Market Share by Region (2013-2018)

3.4 Global 4D Printing Capacity, Production, Revenue, Price and Gross Margin (2013-2018)

3.5 North America 4D Printing Capacity, Production, Revenue, Price and Gross Margin (2013-2018)

3.6 Europe 4D Printing Capacity, Production, Revenue, Price and Gross Margin (2013-2018)

3.7 China 4D Printing Capacity, Production, Revenue, Price and Gross Margin (2013-2018)

3.8 Japan 4D Printing Capacity, Production, Revenue, Price and Gross Margin (2013-2018)

3.9 Southeast Asia 4D Printing Capacity, Production, Revenue, Price and Gross Margin (2013-2018)

3.10 India 4D Printing Capacity, Production, Revenue, Price and Gross Margin (2013-2018)

4 GLOBAL 4D PRINTING SUPPLY (PRODUCTION), CONSUMPTION, EXPORT, IMPORT BY REGION (2013-2018)

4.1 Global 4D Printing Consumption by Region (2013-2018)

4.2 North America 4D Printing Production, Consumption, Export, Import (2013-2018)

4.3 Europe 4D Printing Production, Consumption, Export, Import (2013-2018)

4.4 China 4D Printing Production, Consumption, Export, Import (2013-2018)

4.5 Japan 4D Printing Production, Consumption, Export, Import (2013-2018)



4.6 Southeast Asia 4D Printing Production, Consumption, Export, Import (2013-2018)4.7 India 4D Printing Production, Consumption, Export, Import (2013-2018)

5 GLOBAL 4D PRINTING PRODUCTION, REVENUE (VALUE), PRICE TREND BY TYPE

- 5.1 Global 4D Printing Production and Market Share by Type (2013-2018)
- 5.2 Global 4D Printing Revenue and Market Share by Type (2013-2018)
- 5.3 Global 4D Printing Price by Type (2013-2018)
- 5.4 Global 4D Printing Production Growth by Type (2013-2018)

6 GLOBAL 4D PRINTING MARKET ANALYSIS BY APPLICATION

- 6.1 Global 4D Printing Consumption and Market Share by Application (2013-2018)
- 6.2 Global 4D Printing Consumption Growth Rate by Application (2013-2018)
- 6.3 Market Drivers and Opportunities
- 6.3.1 Potential Applications
- 6.3.2 Emerging Markets/Countries

7 GLOBAL 4D PRINTING MANUFACTURERS PROFILES/ANALYSIS

7.1 Autodesk Inc.

7.1.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors

7.1.2 4D Printing Product Category, Application and Specification

7.1.2.1 Product A

7.1.2.2 Product B

7.1.3 Autodesk Inc. 4D Printing Capacity, Production, Revenue, Price and Gross Margin (2013-2018)

7.1.4 Main Business/Business Overview

7.2 Hewlett-Packard Inc.

7.2.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors

7.2.2 4D Printing Product Category, Application and Specification

7.2.2.1 Product A

7.2.2.2 Product B

7.2.3 Hewlett-Packard Inc. 4D Printing Capacity, Production, Revenue, Price and Gross Margin (2013-2018)

7.2.4 Main Business/Business Overview



7.3 Stratasys Ltd.

7.3.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors

7.3.2 4D Printing Product Category, Application and Specification

7.3.2.1 Product A

7.3.2.2 Product B

7.3.3 Stratasys Ltd. 4D Printing Capacity, Production, Revenue, Price and Gross Margin (2013-2018)

7.3.4 Main Business/Business Overview

8 4D PRINTING MANUFACTURING COST ANALYSIS

- 8.1 4D Printing Key Raw Materials Analysis
- 8.1.1 Key Raw Materials
- 8.1.2 Price Trend of Key Raw Materials
- 8.1.3 Key Suppliers of Raw Materials
- 8.1.4 Market Concentration Rate of Raw Materials
- 8.2 Proportion of Manufacturing Cost Structure
- 8.2.1 Raw Materials
- 8.2.2 Labor Cost
- 8.2.3 Manufacturing Expenses
- 8.3 Manufacturing Process Analysis of 4D Printing

9 INDUSTRIAL CHAIN, SOURCING STRATEGY AND DOWNSTREAM BUYERS

- 9.1 4D Printing Industrial Chain Analysis
- 9.2 Upstream Raw Materials Sourcing
- 9.3 Raw Materials Sources of 4D Printing Major Manufacturers in 2017
- 9.4 Downstream Buyers

10 MARKETING STRATEGY ANALYSIS, DISTRIBUTORS/TRADERS

- 10.1 Marketing Channel
 - 10.1.1 Direct Marketing
 - 10.1.2 Indirect Marketing
 - 10.1.3 Marketing Channel Development Trend
- 10.2 Market Positioning
 - 10.2.1 Pricing Strategy
 - 10.2.2 Brand Strategy



10.2.3 Target Client

10.3 Distributors/Traders List

11 MARKET EFFECT FACTORS ANALYSIS

- 11.1 Technology Progress/Risk
 - 11.1.1 Substitutes Threat
 - 11.1.2 Technology Progress in Related Industry
- 11.2 Consumer Needs/Customer Preference Change
- 11.3 Economic/Political Environmental Change

12 GLOBAL 4D PRINTING MARKET FORECAST (2018-2025)

12.1 Global 4D Printing Capacity, Production, Revenue Forecast (2018-2025)

- 12.1.1 Global 4D Printing Capacity, Production and Growth Rate Forecast (2018-2025)
- 12.1.2 Global 4D Printing Revenue and Growth Rate Forecast (2018-2025)

12.1.3 Global 4D Printing Price and Trend Forecast (2018-2025)

12.2 Global 4D Printing Production, Consumption, Import and Export Forecast by Region (2018-2025)

12.2.1 North America 4D Printing Production, Revenue, Consumption, Export and Import Forecast (2018-2025)

12.2.2 Europe 4D Printing Production, Revenue, Consumption, Export and Import Forecast (2018-2025)

12.2.3 China 4D Printing Production, Revenue, Consumption, Export and Import Forecast (2018-2025)

12.2.4 Japan 4D Printing Production, Revenue, Consumption, Export and Import Forecast (2018-2025)

12.2.5 Southeast Asia 4D Printing Production, Revenue, Consumption, Export and Import Forecast (2018-2025)

12.2.6 India 4D Printing Production, Revenue, Consumption, Export and Import Forecast (2018-2025)

12.3 Global 4D Printing Production, Revenue and Price Forecast by Type (2018-2025)12.4 Global 4D Printing Consumption Forecast by Application (2018-2025)

13 RESEARCH FINDINGS AND CONCLUSION

14 APPENDIX

14.1 Methodology/Research Approach



- 14.1.1 Research Programs/Design
- 14.1.2 Market Size Estimation
- 14.1.3 Market Breakdown and Data Triangulation
- 14.2 Data Source
- 14.2.1 Secondary Sources
- 14.2.2 Primary Sources
- 14.3 Disclaimer

The report requires updating with new data and is sent in 2-3 business days after order is placed.



List Of Tables

LIST OF TABLES AND FIGURES

Figure Picture of 4D Printing Figure Global 4D Printing Production (K Units) and CAGR (%) Comparison by Types (Product Category) (2013-2025) Figure Global 4D Printing Production Market Share by Types (Product Category) in 2017 Figure Product Picture of Programmable Carbon Fiber Table Major Manufacturers of Programmable Carbon Fiber Figure Product Picture of Programmable Wood - Custom Printed Wood Grain Table Major Manufacturers of Programmable Wood - Custom Printed Wood Grain Figure Product Picture of Programmable Textiles Table Major Manufacturers of Programmable Textiles Figure Global 4D Printing Consumption (K Units) by Applications (2013-2025) Figure Global 4D Printing Consumption Market Share by Applications in 2017 Figure Military & Defense Examples Table Key Downstream Customer in Military & Defense Figure Aerospace Examples Table Key Downstream Customer in Aerospace Figure Automotive Examples Table Key Downstream Customer in Automotive **Figure Textile Examples** Table Key Downstream Customer in Textile Figure Healthcare Examples Table Key Downstream Customer in Healthcare Figure Others Examples Table Key Downstream Customer in Others Figure Global 4D Printing Market Size (Million USD), Comparison (K Units) and CAGR (%) by Regions (2013-2025) Figure North America 4D Printing Revenue (Million USD) and Growth Rate (2013-2025) Figure Europe 4D Printing Revenue (Million USD) and Growth Rate (2013-2025) Figure China 4D Printing Revenue (Million USD) and Growth Rate (2013-2025) Figure Japan 4D Printing Revenue (Million USD) and Growth Rate (2013-2025) Figure Southeast Asia 4D Printing Revenue (Million USD) and Growth Rate (2013 - 2025)Figure India 4D Printing Revenue (Million USD) and Growth Rate (2013-2025) Figure Global 4D Printing Revenue (Million USD) Status and Outlook (2013-2025)



Figure Global 4D Printing Capacity, Production (K Units) Status and Outlook (2013-2025)

Figure Global 4D Printing Major Players Product Capacity (K Units) (2013-2018) Table Global 4D Printing Capacity (K Units) of Key Manufacturers (2013-2018) Table Global 4D Printing Capacity Market Share of Key Manufacturers (2013-2018) Figure Global 4D Printing Capacity (K Units) of Key Manufacturers in 2017 Figure Global 4D Printing Capacity (K Units) of Key Manufacturers in 2018 Figure Global 4D Printing Major Players Product Production (K Units) (2013-2018) Table Global 4D Printing Production (K Units) of Key Manufacturers (2013-2018) Table Global 4D Printing Production Share by Manufacturers (2013-2018) Figure 2017 4D Printing Production Share by Manufacturers Figure 2017 4D Printing Production Share by Manufacturers Figure Global 4D Printing Major Players Product Revenue (Million USD) (2013-2018) Table Global 4D Printing Revenue (Million USD) by Manufacturers (2013-2018) Table Global 4D Printing Revenue Share by Manufacturers (2013-2018) Table 2017 Global 4D Printing Revenue Share by Manufacturers Table 2018 Global 4D Printing Revenue Share by Manufacturers Table Global Market 4D Printing Average Price (USD/Unit) of Key Manufacturers (2013 - 2018)Figure Global Market 4D Printing Average Price (USD/Unit) of Key Manufacturers in 2017 Table Manufacturers 4D Printing Manufacturing Base Distribution and Sales Area Table Manufacturers 4D Printing Product Category Figure 4D Printing Market Share of Top 3 Manufacturers Figure 4D Printing Market Share of Top 5 Manufacturers Table Global 4D Printing Capacity (K Units) by Region (2013-2018) Figure Global 4D Printing Capacity Market Share by Region (2013-2018) Figure Global 4D Printing Capacity Market Share by Region (2013-2018) Figure 2017 Global 4D Printing Capacity Market Share by Region Table Global 4D Printing Production by Region (2013-2018) Figure Global 4D Printing Production (K Units) by Region (2013-2018) Figure Global 4D Printing Production Market Share by Region (2013-2018) Figure 2017 Global 4D Printing Production Market Share by Region Table Global 4D Printing Revenue (Million USD) by Region (2013-2018) Table Global 4D Printing Revenue Market Share by Region (2013-2018) Figure Global 4D Printing Revenue Market Share by Region (2013-2018) Table 2017 Global 4D Printing Revenue Market Share by Region Figure Global 4D Printing Capacity, Production (K Units) and Growth Rate (2013-2018) Table Global 4D Printing Capacity, Production (K Units), Revenue (Million USD), Price



(USD/Unit) and Gross Margin (2013-2018) Table North America 4D Printing Capacity, Production (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2013-2018) Table Europe 4D Printing Capacity, Production (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2013-2018) Table China 4D Printing Capacity, Production (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2013-2018) Table Japan 4D Printing Capacity, Production (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2013-2018) Table Southeast Asia 4D Printing Capacity, Production (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2013-2018) Table India 4D Printing Capacity, Production (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2013-2018) Table Global 4D Printing Consumption (K Units) Market by Region (2013-2018) Table Global 4D Printing Consumption Market Share by Region (2013-2018) Figure Global 4D Printing Consumption Market Share by Region (2013-2018) Figure 2017 Global 4D Printing Consumption (K Units) Market Share by Region Table North America 4D Printing Production, Consumption, Import & Export (K Units) (2013 - 2018)Table Europe 4D Printing Production, Consumption, Import & Export (K Units) (2013-2018)Table China 4D Printing Production, Consumption, Import & Export (K Units) (2013-2018)Table Japan 4D Printing Production, Consumption, Import & Export (K Units) (2013 - 2018)Table Southeast Asia 4D Printing Production, Consumption, Import & Export (K Units) (2013 - 2018)Table India 4D Printing Production, Consumption, Import & Export (K Units) (2013 - 2018)Table Global 4D Printing Production (K Units) by Type (2013-2018) Table Global 4D Printing Production Share by Type (2013-2018) Figure Production Market Share of 4D Printing by Type (2013-2018) Figure 2017 Production Market Share of 4D Printing by Type Table Global 4D Printing Revenue (Million USD) by Type (2013-2018) Table Global 4D Printing Revenue Share by Type (2013-2018) Figure Production Revenue Share of 4D Printing by Type (2013-2018) Figure 2017 Revenue Market Share of 4D Printing by Type Table Global 4D Printing Price (USD/Unit) by Type (2013-2018) Figure Global 4D Printing Production Growth by Type (2013-2018)



Table Global 4D Printing Consumption (K Units) by Application (2013-2018) Table Global 4D Printing Consumption Market Share by Application (2013-2018) Figure Global 4D Printing Consumption Market Share by Applications (2013-2018) Figure Global 4D Printing Consumption Market Share by Application in 2017 Table Global 4D Printing Consumption Growth Rate by Application (2013-2018) Figure Global 4D Printing Consumption Growth Rate by Application (2013-2018) Table Autodesk Inc. Basic Information, Manufacturing Base, Sales Area and Its Competitors Table Autodesk Inc. 4D Printing Capacity, Production (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2013-2018) Figure Autodesk Inc. 4D Printing Production Growth Rate (2013-2018) Figure Autodesk Inc. 4D Printing Production Market Share (2013-2018) Figure Autodesk Inc. 4D Printing Revenue Market Share (2013-2018) Table Hewlett-Packard Inc. Basic Information, Manufacturing Base, Sales Area and Its Competitors Table Hewlett-Packard Inc. 4D Printing Capacity, Production (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2013-2018) Figure Hewlett-Packard Inc. 4D Printing Production Growth Rate (2013-2018) Figure Hewlett-Packard Inc. 4D Printing Production Market Share (2013-2018) Figure Hewlett-Packard Inc. 4D Printing Revenue Market Share (2013-2018) Table Stratasys Ltd. Basic Information, Manufacturing Base, Sales Area and Its Competitors Table Stratasys Ltd. 4D Printing Capacity, Production (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2013-2018) Figure Stratasys Ltd. 4D Printing Production Growth Rate (2013-2018) Figure Stratasys Ltd. 4D Printing Production Market Share (2013-2018) Figure Stratasys Ltd. 4D Printing Revenue Market Share (2013-2018) Table Production Base and Market Concentration Rate of Raw Material Figure Price Trend of Key Raw Materials Table Key Suppliers of Raw Materials Figure Manufacturing Cost Structure of 4D Printing Figure Manufacturing Process Analysis of 4D Printing Figure 4D Printing Industrial Chain Analysis Table Raw Materials Sources of 4D Printing Major Manufacturers in 2017 Table Major Buyers of 4D Printing Table Distributors/Traders List Figure Global 4D Printing Capacity, Production (K Units) and Growth Rate Forecast (2018 - 2025)Figure Global 4D Printing Revenue (Million USD) and Growth Rate Forecast



(2018-2025)

Figure Global 4D Printing Price (Million USD) and Trend Forecast (2018-2025) Table Global 4D Printing Production (K Units) Forecast by Region (2018-2025) Figure Global 4D Printing Production Market Share Forecast by Region (2018-2025) Table Global 4D Printing Consumption (K Units) Forecast by Region (2018-2025) Figure Global 4D Printing Consumption Market Share Forecast by Region (2018-2025) Figure North America 4D Printing Production (K Units) and Growth Rate Forecast (2018 - 2025)Figure North America 4D Printing Revenue (Million USD) and Growth Rate Forecast (2018 - 2025)Table North America 4D Printing Production, Consumption, Export and Import (K Units) Forecast (2018-2025) Figure Europe 4D Printing Production (K Units) and Growth Rate Forecast (2018-2025) Figure Europe 4D Printing Revenue (Million USD) and Growth Rate Forecast (2018 - 2025)Table Europe 4D Printing Production, Consumption, Export and Import (K Units) Forecast (2018-2025) Figure China 4D Printing Production (K Units) and Growth Rate Forecast (2018-2025) Figure China 4D Printing Revenue (Million USD) and Growth Rate Forecast (2018 - 2025)Table China 4D Printing Production, Consumption, Export and Import (K Units) Forecast (2018 - 2025)Figure Japan 4D Printing Production (K Units) and Growth Rate Forecast (2018-2025) Figure Japan 4D Printing Revenue (Million USD) and Growth Rate Forecast (2018 - 2025)Table Japan 4D Printing Production, Consumption, Export and Import (K Units) Forecast (2018-2025) Figure Southeast Asia 4D Printing Production (K Units) and Growth Rate Forecast (2018 - 2025)Figure Southeast Asia 4D Printing Revenue (Million USD) and Growth Rate Forecast (2018 - 2025)Table Southeast Asia 4D Printing Production, Consumption, Export and Import (K Units) Forecast (2018-2025) Figure India 4D Printing Production (K Units) and Growth Rate Forecast (2018-2025) Figure India 4D Printing Revenue (Million USD) and Growth Rate Forecast (2018-2025) Table India 4D Printing Production, Consumption, Export and Import (K Units) Forecast (2018 - 2025)Table Global 4D Printing Production (K Units) Forecast by Type (2018-2025)

Figure Global 4D Printing Production (K Units) Forecast by Type (2018-2025)



Table Global 4D Printing Revenue (Million USD) Forecast by Type (2018-2025) Figure Global 4D Printing Revenue Market Share Forecast by Type (2018-2025) Table Global 4D Printing Price Forecast by Type (2018-2025) Table Global 4D Printing Consumption (K Units) Forecast by Application (2018-2025) Figure Global 4D Printing Consumption (K Units) Forecast by Application (2018-2025) Table Research Programs/Design for This Report Figure Bottom-up and Top-down Approaches for This Report Figure Data Triangulation Table Key Data Information from Secondary Sources Table Key Data Information from Primary Source



I would like to order

Product name: Global 4D Printing Market Research Report 2018

Product link: <u>https://marketpublishers.com/r/G0EE3C172B8EN.html</u>

Price: US\$ 2,900.00 (Single User License / Electronic Delivery) If you want to order Corporate License or Hard Copy, please, contact our Customer Service: <u>info@marketpublishers.com</u>

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <u>https://marketpublishers.com/r/G0EE3C172B8EN.html</u>

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 <u>https://marketpublishers.com/docs/terms.html</u>

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