

Global 3D Printing Market for Automotive and Aerospace Industry: Focus on Technology, Material Type and End-use - Analysis and Forecast (2018-2023)

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Abstracts

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Rapid growth in technological advancements, innovative designing, and development of a wide variety of materials are the factors propelling the development of the 3D printing market. Various companies across the globe are actively adopting 3D printing technology to develop prototypes and to manufacture end user products with the help of suitable materials and different processes. The usage of 3D printing in aerospace and automotive industries saves a lot of time and manpower, as it provides faster printing speed, higher accuracy, and helps in avoiding the post-manufacturing processes. Although the 3D printing market currently occupies a low share in the manufacturing industry all over the world, there can be witnessed a gradual increase in the market due to rising awareness across the industry, high adaptability, various intensive research and development and increasing government initiatives to adopt 3D printing for mass production of functional parts in industry verticals such as automotive and aerospace.

The 3D printing market for aerospace and automotive industry varies according to various geographical regions. The 3D printing market for aerospace and automotive industry holds a prominent share in various countries of North America, Europe, Asia-Pacific (APAC), and Rest-of-the-World (RoW). Geographically, North America led the global 3D printing market for aerospace and automotive industry in 2017 in terms of value. Additionally, APAC region is expected to witness the highest growth during the forecast period (2018-2023). Growing automotive industry and adoption of 3D printing technology for mass production are some of the factors expected to contribute to the market growth in the APAC region.

The global 3D printing market for aerospace and automotive industry has witnessed several strategic and technological developments in the past few years, undertaken by the different market players to attain their respective market shares in this emerging domain. Some of the strategies covered in this section are product launches & development, business expansion, partnerships and collaborations, and mergers and acquisitions. The preferred strategy for the companies has been business expansion in order to strengthen their position in the global 3D printing market for aerospace and automotive industry.

The key market players in the global 3D printing market for aerospace and automotive industry are Stratasys Ltd., Materialise NV, 3D Systems, Inc., SLM Solutions Group, General Electric, Arkema, BASF SE, HP Development Company, L.P., Proto Labs, Evonik Industries AG, Royal DSM, EOS GmbH, Ultimaker B.V., Formlabs, Inc., ENVISIONTEC, INC., and Markforged, Inc.

The report is a compilation of different segments of the global 3D printing market for aerospace and automotive industry including market breakdown by technology, material-type, end-use, and region. The report further takes into consideration the market dynamics and the competitive landscape. The report also discusses in detail about the key participants involved in the industry. The report answers the following questions about the global 3D printing market for aerospace and automotive industry:

Key questions answered in the report

What are the trends in the global 3D printing market for aerospace and automotive industry across different regions?

What are the major driving forces that tend to increase the demand for the global 3D printing market for aerospace and automotive industry during the forecast period, 2018-2023?

What are the major challenges inhibiting the growth of the global 3D printing market for aerospace and automotive industry?

What was the revenue generated by the global 3D printing market for aerospace and automotive industry by technology in 2017, and what will be the estimates by 2023?

Which material type (thermoplastic, metal and others) of the global 3D printing market for aerospace and automotive industry will dominate in the coming years?

Which type of thermoplastic material will dominate the global 3D printing market for aerospace and automotive industry in the coming years?

What is the revenue generated by the different technologies such as fused deposition modeling, stereolithography, selective laser sintering, polyJet, material jetting, selective laser melting and others?

What is the revenue generated by each material used in aerospace and automotive industry?

Who are the key players in the global 3D printing market for aerospace and automotive industry?

What are the new strategies adopted by the existing market players to make a mark in the industry?

What major opportunities do the 3D printing technology providers and material manufacturers foresee?

What is the competitive strength of the key leading players in the global 3D printing market for aerospace and automotive industry?

Contents

EXECUTIVE SUMMARY

1 MARKET DYNAMICS

1.1 Market Drivers

- 1.1.1 Increasing Government Initiatives
- 1.1.2 Increasing Fuel Efficiency Requirements
- 1.1.3 Advancing 3D Printing Technology

1.2 Market Restraints

- 1.2.1 Higher Initial Investments
- 1.2.2 High Prices of Raw Materials used for 3D Printing
- 1.2.3 Lack of Skilled Labor

1.3 Market Opportunities

- 1.3.1 Evolving Start-ups and their Partnerships with Key Players in the Market
- 1.3.2 3D Printing for Mass Scale Production

2 COMPETITIVE INSIGHTS

2.1 Key Market Developments and Strategies

- 2.1.1 Business Expansions
- 2.1.2 Product Launches
- 2.1.3 Partnerships, Collaborations, and Joint Ventures
- 2.1.4 Mergers and Acquisitions

2.2 Market Share Analysis

3 INDUSTRY ANALYSIS

3.1 Supply Chain Analysis

4 GLOBAL 3D PRINTING MARKET FOR AUTOMOTIVE AND AEROSPACE INDUSTRY (BY TECHNOLOGY), \$MILLION, 2018 AND 2023

4.1 Market Overview

- 4.2 Fused Metal Deposition
- 4.3 Stereolithography
- 4.4 Selective Laser Sintering
- 4.5 PolyJet

- 4.6 Material Jetting
- 4.7 Selective Laser Melting
- 4.8 Others

5 GLOBAL 3D PRINTING MARKET FOR AUTOMOTIVE AND AEROSPACE INDUSTRY (BY MATERIAL), \$MILLION, 2018 AND 2023

- 5.1 Thermoplastics
 - 5.1.1 Acrylonitrile Butadiene Styrene (ABS)
 - 5.1.2 Polycarbonate (PC)
 - 5.1.3 Nylon/Polyamide
 - 5.1.4 Others
- 5.2 Metals
 - 5.2.1 Aluminum
 - 5.2.2 Stainless Steel
 - 5.2.3 Titanium
 - 5.2.4 Inconel
- 5.3 Others

6 GLOBAL 3D PRINTING MARKET FOR AUTOMOTIVE AND AEROSPACE INDUSTRY (BY END-USE), \$MILLION, 2018 AND 2023

- 6.1 Automotive
- 6.2 Aerospace

7 3D PRINTING MARKET FOR AUTOMOTIVE AND AEROSPACE INDUSTRY (BY REGION), \$MILLION, 2018 AND 2023

- 7.1 North America
 - 7.1.1 The U.S.
 - 7.1.2 Canada
 - 7.1.3 Mexico
- 7.2 Europe
 - 7.2.1 Germany
 - 7.2.2 The U.K.
 - 7.2.3 France
 - 7.2.4 Italy
 - 7.2.5 The Netherlands
 - 7.2.6 Rest-of-Europe

7.3 Asia-Pacific

7.3.1 China

7.3.2 Japan

7.3.3 India

7.3.4 South Korea

7.3.5 Rest-of-Asia-Pacific

7.4 Rest-of-the-World

8 COMPANY PROFILES

8.1 Overview

8.2 3D Systems, Inc.

8.2.1 Company Overview

8.2.2 Product Portfolio

8.2.3 Financials

8.2.3.1 Financial Summary

8.2.4 SWOT Analysis

8.3 Arkema

8.3.1 Company Overview

8.3.2 Product Portfolio

8.3.3 Financials

8.3.3.1 Financial Summary

8.3.4 SWOT Analysis

8.4 BASF SE

8.4.1 Company Overview

8.4.2 Product Portfolio

8.4.3 Financials

8.4.3.1 Financial Summary

8.4.4 SWOT Analysis

8.5 EnvisionTEC

8.5.1 Company Overview

8.5.2 Product Portfolio

8.5.2.1 Corporate Summary

8.5.3 SWOT Analysis

8.6 EOS GmbH

8.6.1 Company Overview

8.6.2 Product Portfolio

8.6.2.1 Corporate Summary

8.6.3 SWOT Analysis

8.7 Evonik Industries AG

8.7.1 Company Overview

8.7.2 Product Portfolio

8.7.3 Financials

8.7.3.1 Financial Summary

8.7.4 SWOT Analysis

8.8 FormLabs Inc.

8.8.1 Company Overview

8.8.2 Product Portfolio

8.8.2.1 Corporate Summary

8.8.3 SWOT Analysis

8.9 General Electric

8.9.1 Company Overview

8.9.2 Product Portfolio

8.9.3 Financials

8.9.3.1 Financial Summary

8.9.4 SWOT Analysis

8.10 HP Inc.

8.10.1 Company Overview

8.10.2 Product Portfolio

8.10.3 Financials

8.10.3.1 Financial Summary

8.10.4 SWOT Analysis

8.11 Materialise NV

8.11.1 Company Overview

8.11.2 Product Portfolio

8.11.3 Financials

8.11.3.1 Financial Summary

8.11.4 SWOT Analysis

8.12 Proto Labs

8.12.1 Company Overview

8.12.2 Product Portfolio

8.12.3 Financials

8.12.3.1 Financial Summary

8.12.4 SWOT Analysis

8.13 Royal DSM

8.13.1 Company Overview

8.13.2 Product Portfolio

8.13.3 Financials

- 8.13.3.1 Financial Summary
- 8.13.4 SWOT Analysis
- 8.14 SLM Solutions Group
 - 8.14.1 Company Overview
 - 8.14.2 Product Portfolio
 - 8.14.3 Financials
 - 8.14.3.1 Financial Summary
 - 8.14.4 SWOT Analysis
- 8.15 Stratasys Ltd.
 - 8.15.1 Company Overview
 - 8.15.2 Product Portfolio
 - 8.15.3 Financials
 - 8.15.3.1 Financial Summary
 - 8.15.4 SWOT Analysis
- 8.16 Ultimaker B.V.
 - 8.16.1 Company Overview
 - 8.16.2 Corporate Summary
 - 8.16.3 Product Portfolio
 - 8.16.4 SWOT Analysis

9 RESEARCH SCOPE & METHODOLOGY

- 9.1 Report Scope
- 9.2 Global 3D Printing Market for Automotive and Aerospace Industry Research Methodology
 - 9.2.1 Assumptions
 - 9.2.2 Limitations
 - 9.2.3 Primary Data Sources
 - 9.2.4 Secondary Data Sources
 - 9.2.5 Data Triangulation
 - 9.2.6 Market Estimation and Forecast

List Of Tables

LIST OF TABLES

Table 4.1 3D Printing Market for Automotive and Aerospace Industry (by Technology), 2016–2023

Table 5.1 3D Printing Market for Automotive and Aerospace Industry (by Materials), 2016–2023

Table 5.2 Thermoplastics in 3D Printing Market for Automotive and Aerospace Industry, 2016–2023

Table 5.3 Metals in 3D Printing Market for Automotive and Aerospace Industry, 2016–2023

Table 6.1 3D Printing Market for Automotive and Aerospace Industry, by End-use, 2016–2023

Table 7.1 3D Printing Market for Automotive and Aerospace Industry (by Region), 2016–2023

Table 7.2 North America 3D Printing Market for Automotive and Aerospace Industry (by Technology), 2016–2023

Table 7.3 3D Printing Market for Automotive and Aerospace Industry (by Material), 2016–2023

Table 7.4 U.S. 3D Printing Market for Automotive and Aerospace Industry (by Material), 2016–2023

Table 7.5 Canada 3D Printing Market for Automotive and Aerospace Industry (by Material), 2016–2023

Table 7.6 Mexico 3D Printing Market for Automotive and Aerospace Industry (by Material), 2016–2023

Table 7.7 3D Printing Market for Automotive and Aerospace Industry (by Technology), 2016–2023

Table 7.8 3D Printing Market for Automotive and Aerospace Industry (by Material), 2016–2023

Table 7.9 Germany 3D Printing Market for Automotive and Aerospace Industry (by Material), 2016–2023

Table 7.10 The U.K. 3D Printing Market for Automotive and Aerospace Industry (by Material), 2016–2023

Table 7.11 France 3D Printing Market for Automotive and Aerospace Industry (by Material), 2016–2023

Table 7.12 Italy 3D Printing Market for Automotive and Aerospace Industry (by Material), 2016–2023

Table 7.13 The Netherlands 3D Printing Market for Automotive and Aerospace Industry

(by Material), 2016–2023

Table 7.14 Rest of Europe 3D Printing Market for Automotive and Aerospace Industry (by Material), 2016–2023

Table 7.15 3D Printing Market for Automotive and Aerospace Industry (by Technology), 2016–2023

Table 7.16 3D Printing Market for Automotive and Aerospace Industry (by Material), 2016–2023

Table 7.17 China 3D Printing Market for Automotive and Aerospace Industry (by Material), 2016–2023

Table 7.18 Japan 3D Printing Market for Automotive and Aerospace Industry (by Material), 2016–2023

Table 7.19 India 3D Printing Market for Automotive and Aerospace Industry (by Material), 2016–2023

Table 7.20 South Korea 3D Printing Market for Automotive and Aerospace Industry (by Material), 2016–2023

Table 7.21 Rest of Asia-Pacific 3D Printing Market for Automotive and Aerospace Industry (by Material), 2016–2023

Table 7.22 3D Printing Market for Automotive and Aerospace Industry (by Technology), 2016–2023

Table 7.23 3D Printing Market for Automotive and Aerospace Industry (by Material), 2016–2023

Table 8.1 3D Systems, Inc.: Product Portfolio

Table 8.2 Arkema: Product Portfolio

Table 8.3 BASF SE: Product Portfolio

Table 8.4 EnvisionTEC: Product Portfolio

Table 8.5 EOS GmbH: Product Portfolio

Table 8.6 Evonik Industries AG: Product Portfolio

Table 8.7 FormLabs Inc.: Product Portfolio

Table 8.8 General Electric: Product Portfolio

Table 8.9 HP Inc.: Product Portfolio

Table 8.10 Materialise NV: Product Portfolio

Table 8.11 Proto Labs: Product Portfolio

Table 8.12 Royal DSM: Product Portfolio

Table 8.13 SLM Solutions Group: Product Portfolio

Table 8.14 Stratasys Ltd.: Product Portfolio

Table 8.15 Ultimaker B.V.: Product Portfolio

List Of Figures

LIST OF FIGURES

Figure 1 Global 3D Printing Market for Automotive and Aerospace Industry Snapshot

Figure 2 Global 3D Printing Market for Automotive and Aerospace Industry (by Technology), 2017 and 2023

Figure 3 Global 3D Printing Market for Automotive and Aerospace Industry (by Region), 2017

Figure 1.1 Market Dynamics

Figure 1.2 Impact Analysis of Drivers

Figure 1.3 Impact Analysis of Restraints

Figure 1.4 Impact Analysis of Opportunities

Figure 2.1 Strategies Adopted by the Key Players

Figure 2.2 Strategies Adopted by the Players in the 3D Printing Industry, 2015-2018

Figure 2.3 Business Expansions Share of Key Market Players, 2015-2018

Figure 2.4 Product Launches Share of Key Market Players, 2015-2018

Figure 2.5 Partnership, Collaboration and Joint Venture Share of Key Market Player, 2015-2018

Figure 2.6 Mergers and Acquisitions Share of Key Market Players, 2015-2018

Figure 2.7 3D Printing Market for Automotive and Aerospace Industry, Market Share Analysis, 2017

Figure 3.1 3D Printing Industry Supply Chain

Figure 4.1 Technologies used in 3D Printing Market for Automotive and Aerospace Industry

Figure 4.2 3D Printing Market for Automotive and Aerospace Industry (by Technology), 2017 and 2023

Figure 4.3 FDM Technology in 3D Printing Market for Automotive and Aerospace Industry, 2016-2023

Figure 4.4 SLA Technology in 3D Printing Market for Automotive and Aerospace Industry, 2016-2023

Figure 4.5 SLS Technology in 3D Printing Market for Automotive and Aerospace Industry, 2016-2023

Figure 4.6 PolyJet Technology in 3D Printing Market for Automotive and Aerospace Industry, 2016-2023

Figure 4.7 Material Jetting Technology in 3D Printing Market for Automotive and Aerospace Industry, 2016-2023

Figure 4.8 SLM Technology in 3D Printing Market for Automotive and Aerospace Industry, 2016-2023

Figure 4.9 Others Technology in 3D Printing Market for Automotive and Aerospace Industry, 2016-2023

Figure 5.1 3D Printing Market for Automotive and Aerospace Industry (by Technology), 2017 and 2023

Figure 5.2 Thermoplastics in 3D Printing Market for Automotive and Aerospace Industry, 2017 and 2023

Figure 5.3 Thermoplastics in 3D Printing Market for Automotive and Aerospace Industry, (ABS), 2017 and 2023

Figure 5.4 Thermoplastics in 3D Printing Market for Automotive and Aerospace Industry, (PC), 2017 and 2023

Figure 5.5 Thermoplastics in 3D Printing Market for Automotive and Aerospace Industry, (Nylon/Polyamide), 2017 and 2023

Figure 5.6 Thermoplastics in 3D Printing Market for Automotive and Aerospace Industry, (Others), 2017 and 2023

Figure 5.7 Metals in 3D Printing Market for Automotive and Aerospace Industry, 2017 and 2023

Figure 5.8 Metals in 3D Printing Market for Automotive and Aerospace Industry, (Aluminum), 2017 and 2023

Figure 5.9 Metals in 3D Printing Market for Automotive and Aerospace Industry, (Stainless Steel), 2017 and 2023

Figure 5.10 Metals in 3D Printing Market for Automotive and Aerospace Industry, (Titanium), 2017 and 2023

Figure 5.11 Metals in 3D Printing Market for Automotive and Aerospace Industry, (Inconel), 2017 and 2023

Figure 5.12 Others in 3D Printing Market for Automotive and Aerospace Industry, 2017 and 2023

Figure 7.1 3D Printing Market for Automotive and Aerospace Industry - Regional Segmentation, 2017

Figure 7.2 3D Printing Market for Automotive and Aerospace Industry Growth Rate, 2018-2023

Figure 7.3 U.S. 3D Printing Market for Automotive and Aerospace Industry, 2016-2023

Figure 7.4 Canada 3D Printing Market for Automotive and Aerospace Industry, 2016-2023

Figure 7.5 Mexico 3D Printing Market for Automotive and Aerospace Industry, 2016-2023

Figure 7.6 Germany 3D Printing Market for Automotive and Aerospace Industry, 2016-2023

Figure 7.7 The U.K. 3D Printing Market for Automotive and Aerospace Industry, 2016-2023

Figure 7.8 France 3D Printing Market for Automotive and Aerospace Industry, 2016-2023

Figure 7.9 Italy 3D Printing Market for Automotive and Aerospace Industry, 2016-2023

Figure 7.10 The Netherlands 3D Printing Market for Automotive and Aerospace Industry, 2016-2023

Figure 7.11 Rest of Europe 3D Printing Market for Automotive and Aerospace Industry, 2016-2023

Figure 7.12 China 3D Printing Market for Automotive and Aerospace Industry, 2016-2023

Figure 7.13 Japan 3D Printing Market for Automotive and Aerospace Industry, 2016-2023

Figure 7.14 India 3D Printing Market for Automotive and Aerospace Industry, 2016-2023

Figure 7.15 South Korea 3D Printing Market for Automotive and Aerospace Industry, 2016-2023

Figure 7.16 Rest of Asia-Pacific 3D Printing Market for Automotive and Aerospace Industry, 2016-2023

Figure 8.1 Company Profiles by Ownership Type, 2018

Figure 8.2 3D Systems, Inc.: Overall Financials, 2015-2017

Figure 8.3 3D Systems, Inc.: Net Revenue by Business Segment, 2015-2017

Figure 8.4 3D Systems, Inc.: Net Revenue by Region, 2015-2017

Figure 8.5 3D Systems, Inc.: SWOT Analysis

Figure 8.6 Arkema: Overall Financials, 2015-2017

Figure 8.7 Arkema: Net Revenue by Business Segment, 2015-2017

Figure 8.8 Arkema: Net Revenue by Region, 2015-2017

Figure 8.9 Arkema: SWOT Analysis

Figure 8.10 BASF SE: Overall Financials, 2015-2017

Figure 8.11 BASF SE: Net Revenue by Business Segment, 2015-2017

Figure 8.12 BASF SE: Net Revenue by Region, 2015-2017

Figure 8.13 BASF SE: SWOT Analysis

Figure 8.14 EnvisonTEC: SWOT Analysis

Figure 8.15 EOS GmbH: SWOT Analysis

Figure 8.16 Evonik Industries AG: Overall Financials, 2015-2017

Figure 8.17 Evonik Industries AG: Net Revenue by Business Segment, 2015-2017

Figure 8.18 Evonik Industries AG: Net Revenue by Region, 2016-2017

Figure 8.19 Evonik Industries AG: SWOT Analysis

Figure 8.20 FormLabs Inc.: SWOT Analysis

Figure 8.21 General Electric: Overall Financials, 2015-2017

Figure 8.22 General Electric: Net Revenue by Business Segment, 2015-2017

Figure 8.23 General Electric: Net Revenue by Region, 2015-2017

- Figure 8.24 General Electric: SWOT Analysis
- Figure 8.25 HP Inc.: Overall Financials, 2015-2017
- Figure 8.26 HP Inc.: Net Revenue by Business Segment, 2015-2017
- Figure 8.27 HP Inc.: Net Revenue by Region, 2015-2017
- Figure 8.28 HP Inc.: SWOT Analysis
- Figure 8.29 Materialise NV: Overall Financials, 2015-2017
- Figure 8.30 Materialise NV: Net Revenue by Business Segment, 2015-2017
- Figure 8.31 Materialise NV: Net Revenue by Region, 2015-2017
- Figure 8.32 Materialise NV: SWOT Analysis
- Figure 8.33 Proto Labs: Overall Financials, 2015-2017
- Figure 8.34 Proto Labs: Net Revenue by Business Segment, 2015-2017
- Figure 8.35 Proto Labs: Net Revenue by Region, 2015-2017
- Figure 8.36 Proto Labs: SWOT Analysis
- Figure 8.37 Royal DSM: Overall Financials, 2015-2017
- Figure 8.38 Royal DSM: Net Revenue by Region, 2015-2017
- Figure 8.39 Royal DSM: Net Revenue by Business Segment, 2015-2017
- Figure 8.40 Royal DSM: SWOT Analysis
- Figure 8.41 SLM Solutions Group: Overall Financials, 2015-2017
- Figure 8.42 SLM Solutions Group: Net Revenue by Business Segment, 2015-2017
- Figure 8.43 SLM Solutions Group: Net Revenue by Region, 2015-2017
- Figure 8.44 SLM Solutions Group: SWOT Analysis
- Figure 8.45 Stratasys Ltd.: Overall Financials, 2015-2017
- Figure 8.46 Stratasys Ltd.: Net Revenue by Business Segment, 2015-2017
- Figure 8.47 Stratasys Ltd.: Net Revenue by Region, 2015-2017
- Figure 8.48 Stratasys Ltd.: SWOT Analysis
- Figure 8.49 Ultimaker B.V.: SWOT Analysis
- Figure 9.1 Global 3D Printing Market for Automotive and Aerospace Industry Scope
- Figure 9.2 Report Design
- Figure 9.3 Primary Interviews Breakdown (by Player, Designation, and Region)
- Figure 9.4 Sources of Secondary Research
- Figure 9.5 Data Triangulation
- Figure 9.6 Top-down and Bottom-up Approach

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