

# Global Markets for 3D Printing

<https://marketpublishers.com/r/GE5390482F2EN.html>

Date: September 2021

Pages: 143

Price: US\$ 2,750.00 (Single User License)

ID: GE5390482F2EN

## Abstracts

### REPORT SCOPE:

The report addresses trends in 3D printing technology and the global market for the most promising 3D printing technology applications during the period from 2020 through 2026, including -

#### Systems

Powder bed fusion.

Vat photopolymerization.

Material extrusion.

Jetting.

Directed energy deposition.

Laminated object manufacturing.

Other processes.

#### Software

#### Materials

Plastics and polymers.

Ceramics.

Metals.

Others (e.g., wax, graphene, bio-ink).

Services

Printing.

Maintenance.

Training.

Consulting.

## **REPORT INCLUDES:**

27 data tables and 16 additional tables

An updated review of the global market for overall three-dimensional (3D) printing or additive manufacturing (AM) technologies

Analyses of the global market trends, with data from 2020, estimates for 2021, and projections of compound annual growth rates (CAGRs) through 2026

Identification of 3D printing technologies with the greatest commercial potential in the industry during the forecast period (2021 to 2026)

Information pertaining to key drivers and constraints that will shape the market for these technologies as the basis for projecting demand over the next five years

Understanding of recent market trends in overall 3D printing market and its four components: 3D printers, 3D printing services, software and printing materials

Identification of the companies best positioned to meet this demand because of their proprietary technologies, strategic alliances or other advantages

Discussion of macro%li%and micro-economic factors responsible for having an in-depth impact on the growth of the nanoscale 3D printing market

Emphasis on the key developments that have made their mark on the overall 3D printing market, along with an opportunity assessment of the 3D printing materials industry

Evaluation of competitive landscape and market strategies, trends in product launch, market share analysis and financial statistics of key stakeholder companies

Descriptive company profiles of the major market players, including Autodesk Inc., Dassault Systems, EnvisionTEC, Evonik Industries AG and Nova Polymers Inc.

## Contents

### **CHAPTER 1 INTRODUCTION**

Reasons for Doing this Study  
Study Goals and Objectives  
Scope of the Report  
Intended Audience  
Methodology and Information Sources  
Geographic Breakdown  
Analyst's Credentials  
BCC Custom Research  
Related BCC Research Reports

### **CHAPTER 2 SUMMARY AND HIGHLIGHTS**

### **CHAPTER 3 MARKET OVERVIEW**

Definition  
Basic Principles  
History of 3D Printing  
Advantages and Limitations of 3D Printing vs. Traditional Manufacturing  
3D Printing End Users and Applications  
End Users  
Applications  
Global Market Size and Composition, 2020-2026  
Global Market by Type of Product/Service  
Global Market by Type of End-User Segment  
Global Market by Type of Application  
Global Market by Region

### **CHAPTER 4 GLOBAL MARKET FOR 3D PRINTING SYSTEMS**

Basic Principles  
Commercial/Industrial vs. Desktop/Consumer Printers  
Markets  
Technologies  
Powder Bed Fusion  
VAT Photopolymerization

Material Extrusion  
3D Inkjet Printing/Jetting  
Directed Energy Deposition  
Sheet Lamination  
Other Emerging Technologies  
Vendors  
Markets

## **CHAPTER 5 GLOBAL MARKET FOR 3D PRINTING SERVICES**

Introduction  
Service Types  
On-Demand Manufacturing  
Other Service Types  
Providers  
Market Size and Forecast

## **CHAPTER 6 GLOBAL MARKET FOR 3D PRINTING SOFTWARE**

Introduction  
3D Printing Software Types  
Providers  
3D Printing Software Market

## **CHAPTER 7 GLOBAL MARKET FOR 3D PRINTING MATERIALS**

Introduction  
Materials  
Plastics and Polymers  
Metals  
Ceramics  
Other Materials  
Manufacturing Technologies  
Vendors  
Market by Material Type

## **CHAPTER 8 REGIONAL MARKETS**

Overview

North America  
Europe  
Asia-Pacific  
Rest of the World (RoW)

## **CHAPTER 9 PATENT REVIEW/RECENT DEVELOPMENTS**

Patents  
Other Recent Developments

## **CHAPTER 10 EMERGING MARKET OPPORTUNITIES**

3D Microfabrication  
3D Bioprinting  
4D Printing  
Metal 3D Printing  
Sustainable 3D Printing Materials  
Composite 3D Printing  
Construction  
Food Technology  
Fashion

## **CHAPTER 11 COMPANY PROFILES**

3D SYSTEMS INC.  
3DOM FILAMENTS LTD.  
ALIGN TECHNOLOGY  
ARCAM EBM  
ASIGA  
ASPECT INC.  
AUTODESK INC.  
B9CREATIONS LLC  
BASF SE  
BEIJING TIERTIME  
BUCKTOWN POLYMERS  
CARPENTER ADDITIVE  
CHOC EDGE LTD.  
CMET  
COLORFABB

CONCEPT LASER GMBH  
DASSAULT SYSTEMES  
DM3D TECHNOLOGY LLC  
EMERGING OBJECTS CORP.  
ENVISIONTEC GMBH  
EOS  
ERASTEEL  
ESSTECH INC.  
ESUN INDUSTRIAL CO., LTD.  
EVONIK INDUSTRIES AG  
EXONE  
FABRISONIC LLC  
FARSOON TECHNOLOGIES  
FORMLABS INC.  
GRAFOID INC.  
G6 MATERIALS  
GUANGDONG SUNTEC INDUSTRIAL CO., LTD.  
HOGANAS AB  
ISQUARED AG  
KEENE VILLAGE PLASTICS  
LITHOZ GMBH  
LUXEXCEL GROUP BV  
MAKERBOT INDUSTRIES LLC  
MAKERGEAR LLC  
MAKERJUICE LABS LLC  
MATERIALISE NV  
MAXON COMPUTER  
METALYSIS LTD.  
MICROJET TECHNOLOGIES  
NATURAL MACHINES  
NEW IMAGE PLASTICS  
NOVA POLYMERS INC.  
ONSHAPE INC.  
OPTOMECH  
ORGANOVO HOLDINGS INC.  
OXFORD PERFORMANCE MATERIALS  
PRAXAIR SURFACE TECHNOLOGIES INC.  
PRINTERINKS EUROPE LTD.  
PRODWAYS

PTC  
RAPID SHAPE GMBH  
REGENHU LTD.  
ROYAL DSM (KONINKLIJKE DSM N.V.)  
SANDVIK MATERIALS TECHNOLOGY  
SHAPEWAYS  
SKETCHUP  
SOLIDSCAPE INC.  
SPOT-A MATERIALS  
STICK & FILAMENT  
STRATASYS LTD.  
SUSTAINABLE OCEANS INTERNATIONAL  
TETHON 3D  
TLS TECHNIK GMBH & CO.  
ULTIMAKER B.V.  
VOXELJET AG  
WEISTEK  
WINBO INDUSTRIAL CO., LTD.

## **CHAPTER 12 APPENDIX: ACRONYMS AND ABBREVIATIONS**



## List Of Tables

### LIST OF TABLES

Summary Table: Global Market for 3D Printing Technologies, Through 2026

Table 1: Milestones in the History of 3D Printing, 1980 to the Present

Table 2: 3D Printing Systems and Applications

Table 3: Global Market for 3D Printing, by Product/Service Segment, Through 2026

Table 4: Global Market for 3D Printing, by End User Segment, Through 2026

Table 5: Global Market for 3D Printing, by Application, Through 2026

Table 6: Global Market for 3D Printing, by Region, Through 2026

Table 7: Global Market for 3D Printers, by Printer Type, Through 2026

Table 8: Global 3D Printing Processes and Technologies

Table 9: Global 3D Printing System Vendors

Table 10: Global Market for 3D Printers, by Technology, Through 2026

Table 11: Global 3D Printing Service Providers

Table 12: Global Market for 3D Printing Services, Through 2026

Table 13: Global 3D Printing Software Providers

Table 14: Global Market for 3D Printing Software, Through 2026

Table 15: Commercially Available 3D Thermoplastics

Table 16: Photopolymers Used in 3D Printing

Table 17: Metals Used in 3D Printing

Table 18: Ceramics Used in 3D Printing Applications

Table 19: Graphene Properties

Table 20: 3D Manufacturing Technologies and Materials

Table 21: Global 3D Printing Material Vendors

Table 22: Global Market for 3D Printing Materials, by Type, Through 2026

Table 23: Global Market for 3D Printing, by Region, Through 2026

Table 24: North American Market for 3D Printing Technologies, by Country, Through 2026

Table 25: North American Market for 3D Printing Technologies, by Product/Service Segment, Through 2026

Table 26: North American Market for 3D Printers, by Printer Type, Through 2026

Table 27: North American Market for 3D Printer, by Technology, Through 2026

Table 28: European Market for 3D Printing Technologies, by Country, Through 2026

Table 29: European Market for 3D Printing Technologies, by Product/Service Segment, Through 2026

Table 30: European Market for 3D Printers, by Printer Type, Through 2026

Table 31: European Market for 3D Printers, by Technology, Through 2026

Table 32: Asia-Pacific Market for 3D Printing Technologies, by Country, Through 2026

Table 33: Asia-Pacific Market for 3D Printing Technologies, by Product/Service Segment, Through 2026

Table 34: Asia-Pacific Market for 3D Printers, by Printer Type, Through 2026

Table 35: Asia-Pacific Market for 3D Printers, by Technology, Through 2026

Table 36: RoW Market for 3D Printing Technologies, by Region, Through 2026

Table 37: RoW Market for 3D Printing Technologies, by Product/Service Segment, Through 2026

Table 38: RoW Market for 3D Printers, by Printer Type, Through 2026

Table 39: RoW Market for 3D Printers, by Technology, Through 2026

Table 40: Number of U.S. Patents Issued for 3D Printing-Related Inventions, 2016-2020

Table 41: Key Developments in the 3D Printing Industry, 2014-2021

Table 42: Acronyms and Abbreviations Used in the 3D Printing Market

## List Of Figures

### LIST OF FIGURES

Summary Figure: Global Market for 3D Printing Technologies, 2020-2026

Figure 1: Global Market for 3D Printing, by Product/Service Segment, 2020-2026

Figure 2: Global Market for 3D Printing, by End User Segment, 2020-2026

Figure 3: Global Market for 3D Printing, by Application, 2020-2026

Figure 4: Global Market for 3D Printing, by Region, 2020-2026

Figure 5: Global Market for 3D Printers, by Printer Type, 2020-2026

Figure 6: Global Market for 3D Printers, by Technology, 2020-2026

Figure 7: Global Market for 3D Printing Services, 2020-2026

Figure 8: Global Market for 3D Printing Software, 2020-2026

Figure 9: Global Market for 3D Printing Materials, by Type, 2020-2026

Figure 10: North American Market for 3D Printing Technologies, by Country, 2020-2026

Figure 11: North American Market for 3D Printing Technologies, by Product/Service Segment, 2020-2026

Figure 12: North American Market for 3D Printer, by Printer Type, 2020-2026

Figure 13: North American Market for 3D Printer, by Technology, 2020-2026

Figure 14: European Market for 3D Printing Technologies, by Country, 2020-2026

Figure 15: European Market for 3D Printing Technologies, by Product/Service Segment, 2020-2026

Figure 16: European Market for 3D Printers, by Printer Type, 2020-2026

Figure 17: European Market for 3D Printers, by Technology, 2020-2026

Figure 18: Asia-Pacific Market for 3D Printing Technologies, by Country, 2020-2026

Figure 19: Asia-Pacific Market for 3D Printing Technologies, by Product/Service Segment, 2020-2026

Figure 20: Asia-Pacific Market for 3D Printers, by Printer Type, 2020-2026

Figure 21: Asia-Pacific Market for 3D Printers, by Technology, 2020-2026

Figure 22: RoW Market for 3D Printing Technologies, by Region, 2020-2026

Figure 23: RoW Market for 3D Printing Technologies, by Product/Service Segment, 2020-2026

Figure 24: RoW Market for 3D Printers, by Printer Type, 2020-2026

Figure 25: RoW Market for 3D Printer, by Technology, 2020-2026

## I would like to order

Product name: Global Markets for 3D Printing

Product link: <https://marketpublishers.com/r/GE5390482F2EN.html>

Price: US\$ 2,750.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GE5390482F2EN.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**

Customer 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