

# **Asia Pacific 3D Printing Market 2022-2030 by Component (3D Printers, Consumables, Software, Service), Process and Technology, Use Type (Commercial, Personal), Application, Industry Vertical, and Country: Trend Forecast and Growth Opportunity**

<https://marketpublishers.com/r/AED60A90C2E4EN.html>

Date: March 2023

Pages: 154

Price: US\$ 2,711.00 (Single User License)

ID: AED60A90C2E4EN

## **Abstracts**

Asia Pacific 3D printing will grow by 25.3% annually with a total addressable market cap of \$151,743.5 million over 2023-2030, driven by the enhancing efficiencies in manufacturing, improvement in terms of cost and time, logistically viable technology, large scope for innovation, flexibility for customization, less probability of human errors and being better than the traditional method of production.

Highlighted with 38 tables and 79 figures, this 154-page report “Asia Pacific 3D Printing Market 2022-2030 by Component (3D Printers, Consumables, Software, Service), Process and Technology, Use Type (Commercial, Personal), Application, Industry Vertical, and Country: Trend Forecast and Growth Opportunity” is based on comprehensive research of the entire Asia Pacific 3D printing market and all its sub-segments through extensively detailed classifications. Profound analysis and assessment are generated from premium primary and secondary information sources with inputs derived from industry professionals across the value chain. The report is based on studies on 2019-2022 and provides forecast from 2023 till 2030 with 2022 as the base year. (Please note: The report will be updated before delivery so that the latest historical year is the base year and the forecast covers at least 5 years over the base year.)

In-depth qualitative analyses include identification and investigation of the following aspects:

Market Structure

Growth Drivers

Restraints and Challenges

Emerging Product Trends & Market Opportunities

Porter's Fiver Forces

The trend and outlook of Asia Pacific market is forecast in optimistic, balanced, and conservative view by taking into account of COVID-19 and Russia-Ukraine conflict. The balanced (most likely) projection is used to quantify Asia Pacific 3D printing market in every aspect of the classification from perspectives of Component, Process and Technology, Use Type, Application, Industry Vertical, and Country.

Based on Component, the Asia Pacific market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2030 included in each section.

3D Printers

Industrial/Commercial 3D Printers

Consumer/Desktop 3D Printers

Consumables

(Consumable by Material Type)

Plastics & Polymers

Metals & Metal Alloys

Ceramics

Biocompatible Material

Laywood

Wax

Paper

Other Materials)

(Consumable by Material Form)

Liquid

Filament

Powder

Software

Scanning

Design

Inspection

Printing

Embedded AI Software

Service

Printing

Maintenance

Training

Consulting

Based on Process and Technology, the Asia Pacific market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2030 included in each section.

#### Vat Photopolymerisation

Stereolithography (SLA)

Digital Light Processing (DLP)

Continuous Liquid Interface Production (CLIP)

#### Material Jetting

Binder Jetting

#### Material Extrusion

Fused Deposition Modeling (FDM)

Fused Filament Fabrication (FFF)

#### Powder Bed Fusion

Multi Jet Fusion (MJF)

Selective Laser Sintering (SLS)

Direct Metal Laser Sintering (DMLS)

#### Sheet Lamination

Directed Energy Deposition

#### Other Technologies

By Use Type, the Asia Pacific market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2030 included in each section.

Commercial

Personal

By Application, the Asia Pacific market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2030 included in each section.

Prototyping

Tooling

Functional Part Manufacturing

Other Applications

By Industrial Vertical, the Asia Pacific market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2030 included in each section.

Automotive

Aerospace & Defense

Healthcare

Consumer Goods & Electronics

Industrial Manufacturing

Power & Energy

Construction

Education

Food and Culinary

Other Verticals

Geographically, the following national/local markets are fully investigated:

Japan

China

South Korea

Australia

India

Rest of APAC (further segmented into Malaysia, Singapore, Indonesia, Thailand, New Zealand, Vietnam, Taiwan, and Philippines)

For each key country, detailed analysis and data for annual revenue (\$ mn) are available for 2022-2030. The breakdown of national markets by Component, Process and Technology and Industrial Vertical over the forecast years are also included.

The report also covers current competitive scenario and the predicted trend; and profiles key vendors including market leaders and important emerging players.

Selected Key Players:

3D Systems Inc.

Arcam AB

Autodesk Inc.

Beijing Tiertime Technology Co., Ltd.

Canon Inc.

Carbon, Inc.

Concept Laser GmbH

Dassault Systemes

Desktop Metal, Inc.

EnvisionTEC Inc.

EOS GmbH Electro Optical Systems

ExOne Company

GE Additive

Hewlett-Packard Development Company L.P.

Hoganas AB

Materialise NV

MCOR Technologies Ltd.

Optomec Inc.

Organovo Holdings Inc.

SLM Solutions Group AG

SolidScape Inc.

Stratasys Ltd.

Ultimaker BV

Voxeljet AG

(Please note: The report will be updated before delivery so that the latest historical year is the base year and the forecast covers at least 5 years over the base year.)

## Contents

### 1 INTRODUCTION

- 1.1 Industry Definition and Research Scope
  - 1.1.1 Industry Definition
  - 1.1.2 Research Scope
- 1.2 Research Methodology
  - 1.2.1 Overview of Market Research Methodology
  - 1.2.2 Market Assumption
  - 1.2.3 Secondary Data
  - 1.2.4 Primary Data
  - 1.2.5 Data Filtration and Model Design
  - 1.2.6 Market Size/Share Estimation
  - 1.2.7 Research Limitations
- 1.3 Executive Summary

### 2 MARKET OVERVIEW AND DYNAMICS

- 2.1 Market Size and Forecast
  - 2.1.1 Impact of COVID-19 on World Economy
  - 2.1.2 Impact of COVID-19 on the Market
  - 2.1.3 Impact of Russia-Ukraine Conflict: War Slows Economic Recovery
- 2.2 Major Growth Drivers
- 2.3 Market Restraints and Challenges
- 2.4 Emerging Opportunities and Market Trends
- 2.5 Porter's Fiver Forces Analysis

### 3 SEGMENTATION OF ASIA PACIFIC MARKET BY COMPONENT

- 3.1 Market Overview by Component
- 3.2 3D Printers
  - 3.2.1 Industrial/Commercial 3D Printers
  - 3.2.2 Consumer/Desktop 3D Printers
- 3.3 Consumables
  - 3.3.1 Asia Pacific 3D Printing Consumables Market by Material Type
  - 3.3.2 Asia Pacific 3D Printing Consumables Market by Material Format
- 3.4 Software
- 3.5 Service



## **4 SEGMENTATION OF ASIA PACIFIC MARKET BY PROCESS AND TECHNOLOGY**

- 4.1 Market Overview by Process and Technology
- 4.2 Vat Photopolymerisation
  - 4.2.1 Stereolithography (SLA)
  - 4.2.2 Digital Light Processing (DLP)
  - 4.2.3 Continuous Liquid Interface Production (CLIP)
- 4.3 Material Jetting
- 4.4 Binder Jetting
- 4.5 Material Extrusion
  - 4.5.1 Fused Deposition Modeling (FDM)
  - 4.5.2 Fused Filament Fabrication (FFF)
- 4.6 Powder Bed Fusion
  - 4.6.1 Multi Jet Fusion (MJF)
  - 4.6.2 Selective Laser Sintering (SLS)
  - 4.6.3 Direct Metal Laser Sintering (DMLS)
- 4.7 Sheet Lamination
- 4.8 Directed Energy Deposition
- 4.9 Other Technologies

## **5 SEGMENTATION OF ASIA PACIFIC MARKET BY USE TYPE**

- 5.1 Market Overview by Use Type
- 5.2 Commercial
- 5.3 Personal

## **6 SEGMENTATION OF ASIA PACIFIC MARKET BY APPLICATION**

- 6.1 Market Overview by Application
- 6.2 Prototyping
- 6.3 Tooling
- 6.4 Functional Part Manufacturing
- 6.5 Other Applications

## **7 SEGMENTATION OF ASIA PACIFIC MARKET BY INDUSTRIAL VERTICAL**

- 7.1 Market Overview by Industrial Vertical
- 7.2 Automotive

- 7.3 Aerospace & Defense
- 7.4 Healthcare
- 7.5 Consumer Goods & Electronics
- 7.6 Industrial Manufacturing
- 7.7 Power & Energy
- 7.8 Construction
- 7.9 Education
- 7.10 Food and Culinary
- 7.11 Other Verticals

## **8 ASIA-PACIFIC MARKET 2019-2030 BY COUNTRY**

- 8.1 Overview of Asia-Pacific Market
- 8.2 Japan
- 8.3 China
- 8.4 Australia
- 8.5 India
- 8.6 South Korea
- 8.7 Rest of APAC Region

## **9 COMPETITIVE LANDSCAPE**

- 9.1 Overview of Key Vendors
- 9.2 New Product Launch, Partnership, Investment, and M&A
- 9.3 Company Profiles

### **3D SYSTEMS INC.**

Arcam AB  
Autodesk Inc.  
Beijing Tiertime Technology Co., Ltd.  
Canon Inc.  
Carbon, Inc.  
Concept Laser GmbH  
Dassault Systemes  
Desktop Metal, Inc.  
EnvisionTEC Inc.  
EOS GmbH Electro Optical Systems  
ExOne Company

GE Additive  
Hewlett-Packard Development Company L.P.  
Hoganas AB  
Materialise NV  
MCOR Technologies Ltd.  
Optomec Inc.  
Organovo Holdings Inc.  
SLM Solutions Group AG  
Solidscape Inc.  
Stratasys Ltd.  
Ultimaker BV  
Voxeljet AG  
Related Reports and Products

## List Of Tables

### LIST OF TABLES:

- Table 1. Snapshot of Asia Pacific 3D Printing Market in Balanced Perspective, 2022-2030
- Table 2. World Economic Outlook, 2021-2031
- Table 3. World Economic Outlook, 2021-2023
- Table 4. Scenarios for Economic Impact of Ukraine Crisis
- Table 5. Main Product Trends and Market Opportunities in Asia Pacific 3D Printing Market
- Table 6. Asia Pacific 3D Printing Market by Component, 2019-2030, \$ mn
- Table 7. Asia Pacific 3D Printing Market: 3D Printers by Printer Type, 2019-2030, \$ mn
- Table 8. Asia Pacific 3D Printing Market: Consumables by Material Type, 2019-2030, \$ mn
- Table 9. Asia Pacific 3D Printing Market: Consumables by Material Form, 2019-2030, \$ mn
- Table 10. Asia Pacific 3D Printing Market: Software by Type, 2019-2030, \$ mn
- Table 11. Asia Pacific 3D Printing Market: Service by Type, 2019-2030, \$ mn
- Table 12. Asia Pacific 3D Printing Market by Process and Technology, 2019-2030, \$ mn
- Table 13. Asia Pacific 3D Printing Market: Vat Photopolymerisation by Technology Type, 2019-2030, \$ mn
- Table 14. Asia Pacific 3D Printing Market: Material Extrusion by Technology Type, 2019-2030, \$ mn
- Table 15. Asia Pacific 3D Printing Market: Powder Bed Fusion by Technology Type, 2019-2030, \$ mn
- Table 16. Asia Pacific 3D Printing Market by Use Type, 2019-2030, \$ mn
- Table 17. Asia Pacific 3D Printing Market by Application, 2019-2030, \$ mn
- Table 18. Asia Pacific Market by Industrial Vertical, 2019-2030, \$ mn
- Table 19. APAC 3D Printing Market by Country, 2019-2030, \$ mn
- Table 20. Japan 3D Printing Market by Component, 2019-2030, \$ mn
- Table 21. Japan 3D Printing Market by Process and Technology, 2019-2030, \$ mn
- Table 22. Japan 3D Printing Market by Industrial Vertical, 2019-2030, \$ mn
- Table 23. China 3D Printing Market by Component, 2019-2030, \$ mn
- Table 24. China 3D Printing Market by Process and Technology, 2019-2030, \$ mn
- Table 25. China 3D Printing Market by Industrial Vertical, 2019-2030, \$ mn
- Table 26. Australia 3D Printing Market by Component, 2019-2030, \$ mn
- Table 27. Australia 3D Printing Market by Process and Technology, 2019-2030, \$ mn
- Table 28. Australia 3D Printing Market by Industrial Vertical, 2019-2030, \$ mn

Table 29. India 3D Printing Market by Component, 2019-2030, \$ mn

Table 30. India 3D Printing Market by Process and Technology, 2019-2030, \$ mn

Table 31. India 3D Printing Market by Industrial Vertical, 2019-2030, \$ mn

Table 32. South Korea 3D Printing Market by Component, 2019-2030, \$ mn

Table 33. South Korea 3D Printing Market by Process and Technology, 2019-2030, \$ mn

Table 34. South Korea 3D Printing Market by Industrial Vertical, 2019-2030, \$ mn

Table 35. 3D Printing Market in Rest of APAC by Country, 2019-2030, \$ mn

Table 36. 3D Systems Inc.: Company Snapshot

Table 37. 3D Systems Inc.: Business Segmentation

Table 38. 3D Systems Inc.: Product Portfolio

## List Of Figures

### LIST OF FIGURES:

Figure 1. Research Method Flow Chart

Figure 2. Bottom-up Approach and Top-down Approach for Market Estimation

Figure 3. Asia Pacific Market Forecast in Optimistic, Conservative and Balanced Perspectives, 2022-2030

Figure 4. Asia Pacific 3D Printing Market, 2019-2030, \$ mn

Figure 5. Asia Pacific 3D Printers Market by Demand Volume, 2019-2030, million units

Figure 6. Average Selling Price (ASP) of 3D Printers in Asia Pacific Market, 2019-2030, USD/unit

Figure 7. Impact of COVID-19 on Business

Figure 8. Primary Drivers and Impact Factors of Asia Pacific 3D Printing Market

Figure 9. Primary Restraints and Impact Factors of Asia Pacific 3D Printing Market

Figure 10. Investment Opportunity Analysis

Figure 11. Porter's Five Forces Analysis of Asia Pacific 3D Printing Market

Figure 12. Breakdown of Asia Pacific 3D Printing Market by Component, 2019-2030, % of Revenue

Figure 13. Asia Pacific Addressable Market Cap in 2023-2030 by Component, Value (\$ mn) and Share (%)

Figure 14. Asia Pacific 3D Printing Market by Component: 3D Printers, 2019-2030, \$ mn

Figure 15. Asia Pacific 3D Printing Market by 3D Printers: Industrial/Commercial 3D Printers, 2019-2030, \$ mn

Figure 16. Asia Pacific 3D Printing Market by 3D Printers: Consumer/Desktop 3D Printers, 2019-2030, \$ mn

Figure 17. Asia Pacific 3D Printing Market by Component: Consumables, 2019-2030, \$ mn

Figure 18. Asia Pacific 3D Printing Market by Consumables Material Type: Plastics & Polymers, 2019-2030, \$ mn

Figure 19. Asia Pacific 3D Printing Market by Consumables Material Type: Metals & Metal Alloys, 2019-2030, \$ mn

Figure 20. Asia Pacific 3D Printing Market by Consumables Material Type: Ceramics, 2019-2030, \$ mn

Figure 21. Asia Pacific 3D Printing Market by Consumables Material Type: Biocompatible Material, 2019-2030, \$ mn

Figure 22. Asia Pacific 3D Printing Market by Consumables Material Type: Laywood, 2019-2030, \$ mn

Figure 23. Asia Pacific 3D Printing Market by Consumables Material Type: Wax,

2019-2030, \$ mn

Figure 24. Asia Pacific 3D Printing Market by Consumables Material Type: Paper, 2019-2030, \$ mn

Figure 25. Asia Pacific 3D Printing Market by Consumables Material Type: Other Materials, 2019-2030, \$ mn

Figure 26. Asia Pacific 3D Printing Market by Consumables Material Format: Liquid, 2019-2030, \$ mn

Figure 27. Asia Pacific 3D Printing Market by Consumables Material Format: Filament, 2019-2030, \$ mn

Figure 28. Asia Pacific 3D Printing Market by Consumables Material Format: Powder, 2019-2030, \$ mn

Figure 29. Asia Pacific 3D Printing Market by Component: Software, 2019-2030, \$ mn

Figure 30. Asia Pacific 3D Printing Market by Component: Service, 2019-2030, \$ mn

Figure 31. Breakdown of Asia Pacific 3D Printing Market by Process and Technology, 2019-2030, % of Sales Revenue

Figure 32. Asia Pacific Addressable Market Cap in 2023-2030 by Process and Technology, Value (\$ mn) and Share (%)

Figure 33. Asia Pacific 3D Printing Market by Process and Technology: Vat Photopolymerisation, 2019-2030, \$ mn

Figure 34. Asia Pacific 3D Printing Market by Vat Photopolymerisation: Stereolithography (SLA), 2019-2030, \$ mn

Figure 35. Asia Pacific 3D Printing Market by Vat Photopolymerisation: Digital Light Processing (DLP), 2019-2030, \$ mn

Figure 36. Asia Pacific 3D Printing Market by Vat Photopolymerisation: Continuous Liquid Interface Production (CLIP), 2019-2030, \$ mn

Figure 37. Asia Pacific 3D Printing Market by Process and Technology: Material Jetting, 2019-2030, \$ mn

Figure 38. Asia Pacific 3D Printing Market by Process and Technology: Binder Jetting, 2019-2030, \$ mn

Figure 39. Asia Pacific 3D Printing Market by Process and Technology: Material Extrusion, 2019-2030, \$ mn

Figure 40. Asia Pacific 3D Printing Market by Material Extrusion: Fused Deposition Modeling (FDM), 2019-2030, \$ mn

Figure 41. Asia Pacific 3D Printing Market by Material Extrusion: Fused Filament Fabrication (FFF), 2019-2030, \$ mn

Figure 42. Asia Pacific 3D Printing Market by Process and Technology: Powder Bed Fusion, 2019-2030, \$ mn

Figure 43. Asia Pacific 3D Printing Market by Powder Bed Fusion: Multi Jet Fusion (MJF), 2019-2030, \$ mn

Figure 44. Asia Pacific 3D Printing Market by Powder Bed Fusion: Selective Laser Sintering (SLS), 2019-2030, \$ mn

Figure 45. Asia Pacific 3D Printing Market by Powder Bed Fusion: Direct Metal Laser Sintering (DMLS), 2019-2030, \$ mn

Figure 46. Asia Pacific 3D Printing Market by Process and Technology: Sheet Lamination, 2019-2030, \$ mn

Figure 47. Asia Pacific 3D Printing Market by Process and Technology: Directed Energy Deposition, 2019-2030, \$ mn

Figure 48. Asia Pacific 3D Printing Market by Process and Technology: Other Technologies, 2019-2030, \$ mn

Figure 49. Breakdown of Asia Pacific 3D Printing Market by Use Type, 2019-2030, % of Sales Revenue

Figure 50. Asia Pacific Addressable Market Cap in 2023-2030 by Use Type, Value (\$ mn) and Share (%)

Figure 51. Asia Pacific 3D Printing Market by Use Type: Commercial, 2019-2030, \$ mn

Figure 52. Asia Pacific 3D Printing Market by Use Type: Personal, 2019-2030, \$ mn

Figure 53. Breakdown of Asia Pacific 3D Printing Market by Application, 2019-2030, % of Revenue

Figure 54. Asia Pacific Addressable Market Cap in 2023-2030 by Application, Value (\$ mn) and Share (%)

Figure 55. Asia Pacific 3D Printing Market by Application: Prototyping, 2019-2030, \$ mn

Figure 56. Asia Pacific 3D Printing Market by Application: Tooling, 2019-2030, \$ mn

Figure 57. Asia Pacific 3D Printing Market by Application: Functional Part Manufacturing, 2019-2030, \$ mn

Figure 58. Asia Pacific 3D Printing Market by Application: Other Applications, 2019-2030, \$ mn

Figure 59. Breakdown of Asia Pacific Market by Industrial Vertical, 2019-2030, % of Revenue

Figure 60. Asia Pacific Addressable Market Cap in 2023-2030 by Industrial Vertical, Value (\$ mn) and Share (%)

Figure 61. Asia Pacific 3D Printing Market by Industrial Vertical: Automotive, 2019-2030, \$ mn

Figure 62. Asia Pacific 3D Printing Market by Industrial Vertical: Aerospace & Defense, 2019-2030, \$ mn

Figure 63. Asia Pacific 3D Printing Market by Industrial Vertical: Healthcare, 2019-2030, \$ mn

Figure 64. Asia Pacific 3D Printing Market by Industrial Vertical: Consumer Goods & Electronics, 2019-2030, \$ mn

Figure 65. Asia Pacific 3D Printing Market by Industrial Vertical: Industrial



Manufacturing, 2019-2030, \$ mn

Figure 66. Asia Pacific 3D Printing Market by Industrial Vertical: Power & Energy, 2019-2030, \$ mn

Figure 67. Asia Pacific 3D Printing Market by Industrial Vertical: Construction, 2019-2030, \$ mn

Figure 68. Asia Pacific 3D Printing Market by Industrial Vertical: Education, 2019-2030, \$ mn

Figure 69. Asia Pacific 3D Printing Market by Industrial Vertical: Food and Culinary, 2019-2030, \$ mn

Figure 70. Asia Pacific 3D Printing Market by Industrial Vertical: Other Verticals, 2019-2030, \$ mn

Figure 71. Breakdown of APAC 3D Printing Market by Country, 2022 and 2030, % of Revenue

Figure 72. Contribution to APAC 2023-2030 Cumulative Revenue by Country, Value (\$ mn) and Share (%)

Figure 73. 3D Printing Market in Japan, 2019-2030, \$ mn

Figure 74. 3D Printing Market in China, 2019-2030, \$ mn

Figure 75. 3D Printing Market in Australia, 2019-2030, \$ mn

Figure 76. 3D Printing Market in India, 2019-2030, \$ mn

Figure 77. 3D Printing Market in South Korea, 2019-2030, \$ mn

Figure 78. 3D Printing Market in Rest of APAC, 2019-2030, \$ mn

Figure 79. Growth Stage of Asia Pacific 3D Printing Industry over the Forecast Period

## I would like to order

Product name: Asia Pacific 3D Printing Market 2022-2030 by Component (3D Printers, Consumables, Software, Service), Process and Technology, Use Type (Commercial, Personal), Application, Industry Vertical, and Country: Trend Forecast and Growth Opportunity

Product link: <https://marketpublishers.com/r/AED60A90C2E4EN.html>

Price: US\$ 2,711.00 (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/AED60A90C2E4EN.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