

# 3D Printing Robot Market by Component (Robot Arms, 3D Printing Heads, Software), Robot Type (Articulated Robots, Cartesian Robots, SCARA Robots, Polar Robots, Delta Robots), Application, End-user Industry and Region - Global Forecast to 2028

<https://marketpublishers.com/r/3DDB8BA2D08EEN.html>

Date: November 2023

Pages: 236

Price: US\$ 4,950.00 (Single User License)

ID: 3DDB8BA2D08EEN

## Abstracts

The 3D printing robot market is projected to grow from USD 1.6 billion in 2023 and is projected to reach USD 3.2 billion by 2028; it is expected to grow at a CAGR of 14.6% from 2023 to 2028.

Strong focus on achieving production efficiency at manufacturing facilities, and growing adoption of innovative technologies for customized and complex part production are the factors expected to fuel the growth of the 3D printing robot market.

“Robots arms segment of the 3D printing robot market to witness major market share during the forecast period.”

The robot arm segment is projected to be the major market segment over the forecast period. Robotic arm 3D printers offer several advantages, including the elimination of the need for support in printed parts, which enhances design freedom and reduces material costs. While self-supporting structures are preferred, some systems can reorient the building platform to create overhangs. Robotic arm 3D printing offers distinct advantages, enabling the creation of larger-scale models exceeding 1 meter in any dimension and potentially up to 30 meters in one dimension. Its five- or six-axis movement grants unparalleled freedom for the 3D printing head to trace intricate paths, facilitating complex component construction. Moreover, robotic arms often eliminate the need for support due to their flexible movement, although some models may require the build platform to reorient for complete support avoidance. Additionally, these arms can

accommodate various 3D printing fixtures, enabling the use of multiple feed materials like WAAM or CBAM.

“SCARA Robots segment of the 3D printing robot market to witness significant growth during the forecast period.”

The SCARA robot segment is projected to be projected to grow with the highest CAGR over the forecast period. SCARA or Selective Compliance Assembly Robot Arm robots are a type of industrial robot well-suited for assembly and packaging tasks. These robots are characterized by their parallel-axis joint layout, which makes them compliant in the X-Y direction but rigid in the Z direction. This allows them to perform delicate assembly tasks with high precision and accuracy. They are typically four-axis robots, with two parallel arms that can move in a single plane and a fourth axis that allows the end effector to rotate. They find multiple applications in 3D printing, serving as printer heads for intricate objects, automating post-processing tasks, including support removal and inspection, and enabling large-scale and multi-material printing. Their speed, accuracy, and versatility make them valuable for high-volume production and diverse printing needs, enhancing the 3D printing industry.

“Aerospace & Defense segment will hold for major share for 3D printing robot market during the forecast period.”

The aerospace & defense sector will hold for majority of the share within the 3D printing robots market. The aerospace and defense sector is rapidly embracing 3D printing robots due to their numerous advantages over traditional manufacturing methods. These include enhanced design flexibility, reduced production time, and cost savings by eliminating the need for expensive tooling. Furthermore, these robots enable on-demand production of spare parts, customization of components for new platforms, and the repair of damaged parts, contributing to reduced downtime and improved operational efficiency. In the aerospace and defense sector, 3D printing robots find versatile applications, from manufacturing aircraft and spacecraft components, including engine parts and landing gear components, to producing spare parts on demand. Beyond specific applications, these robots streamline manufacturing operations by eliminating the need for expensive tooling and molds, automating repetitive tasks, and enhancing precision in part production. In essence, they offer the potential to revolutionize this industry by improving design flexibility, reducing production time, and cutting costs, ultimately leading to more efficient and superior product manufacturing.

“Asia Pacific to grow with the highest CAGR in the 3D printing robot market during the

forecast period” The adoption of 3D printing robots in the Asia Pacific is bolstered by government support, investments in R&D, and growing awareness of the technology’s advantages. This trend is most prominent in China, Japan, and South Korea, with each country harnessing 3D printing robots for diverse purposes. Furthermore, the reduced lead times, improved supply chain management, and heightened innovation potential are driving forces behind this transformative shift. In essence, the rise of 3D printing robots is a highly promising development poised to reshape industries in the years to come.

Extensive primary interviews were conducted with key industry experts in the 3D printing robot market space to determine and verify the market size for various segments and subsegments gathered through secondary research. The break-up of primary participants for the report has been shown below:

The break-up of the profile of primary participants in the 3D printing robot market:

By Company Type: Tier 1 – 45%, Tier 2 – 35%, and Tier 3 – 20%

By Designation: C Level – 45%, Director Level – 35%, Others-20%

By Region: North America – 30%, Europe – 22%, Asia Pacific – 40%, ROW- 8%

The report profiles key players in the 3D printing robot market with their respective market ranking analysis. Prominent players profiled in this report are KUKA AG (Germany), ABB (Switzerland), Yaskawa Electric Corporation (Japan), FANUC CORPORATION (Japan), Universal Robots A/S (Denmark), Massive Dimension (US), CRAD B.V. (Netherlands), Caracol (Italy), among others.

Apart from this, WEBER Maschinenfabrik (Germany), Meltio3D (Spain), Comau (Italy), Baubot (Austria), MX3D (Netherlands), Twente Additive Manufacturing (Netherlands), Dobot (China), BLOOM Robotics (Netherlands), Dyze Design (Canada), REV3RD s.r.l. (Italy), 3D Minerals (France), Orbital Composites Inc. (US), ADAXIS SAS (France), AI BUILD LTD. (UK), OCTOPUZ (Canada), Hyperion Robotics (Finland), Hypertherm, Inc., (US), Ingersoll Machine Tools, Inc. (US), are among a few emerging companies in the 3D printing robot market.

**Research Coverage:** This research report categorizes the 3D printing robot market on the basis of component, robot type, application, end-user industry, and region. The

report describes the major drivers, restraints, challenges, and opportunities pertaining to the 3D printing robot market and forecasts the same till 2028. Apart from these, the report also consists of leadership mapping and analysis of all the companies included in the 3D printing robot ecosystem.

**Key Benefits of Buying the Report** The report will help the market leaders/new entrants in this market with information on the closest approximations of the revenue numbers for the overall 3D printing robot market and the subsegments. This report will help stakeholders understand the competitive landscape and gain more insights to position their businesses better and plan suitable go-to-market strategies. The report also helps stakeholders understand the pulse of the market and provides them with information on key market drivers, restraints, challenges, and opportunities.

The report provides insights on the following pointers:

Analysis of key drivers (Government-led investments in additive manufacturing projects, Reliance on automated solutions to conduct repetitive tasks and improve workplace safety, Strong focus on achieving production efficiency at manufacturing facilities), restraints (High costs of installation and ownership of 3D printing robots), opportunities (Rising awareness about higher degree of freedom offered by 3D printing robots than traditional printers, Increasing application scope of 3D printing robots in automotive and electronics industries, Growing adoption of innovative technologies for customized and complex part production) and challenges (Interoperability and compatibility issues related to hardware components of 3D printing robots) influencing the growth of the 3D printing robot market.

**Product Development/Innovation:** Detailed insights on upcoming technologies, research & development activities, and new product & service launches in the 3D printing robot market.

**Market Development:** Comprehensive information about lucrative markets – the report analysis the 3D printing robot market across varied regions

**Market Diversification:** Exhaustive information about new products & services, untapped geographies, recent developments, and investments in the 3D printing robot market

**Competitive Assessment:** In-depth assessment of market shares, growth

strategies and service offerings of leading players like KUKA AG (Germany), ABB (Switzerland), Yaskawa Electric Corporation (Japan), FANUC CORPORATION (Japan), Universal Robots A/S (Denmark), among others in the 3D printing robot market.

## Contents

### 1 INTRODUCTION

#### 1.1 STUDY OBJECTIVES

#### 1.2 MARKET DEFINITION

#### 1.3 INCLUSIONS AND EXCLUSIONS

#### 1.4 STUDY SCOPE

##### 1.4.1 MARKETS COVERED

#### FIGURE 1 3D PRINTING ROBOT MARKET SEGMENTATION

##### 1.4.2 REGIONAL SCOPE

##### 1.4.3 YEARS CONSIDERED

##### 1.4.4 CURRENCY CONSIDERED

#### 1.5 LIMITATIONS

#### 1.6 STAKEHOLDERS

#### 1.7 IMPACT OF RECESSION

#### FIGURE 2 GDP GROWTH PROJECTION FOR MAJOR ECONOMIES, 2021–2023

#### FIGURE 3 RECESSION IMPACT ON 3D PRINTING ROBOT MARKET, 2019–2028 (USD MILLION)

### 2 RESEARCH METHODOLOGY

#### 2.1 RESEARCH DATA

#### FIGURE 4 3D PRINTING ROBOT MARKET: RESEARCH DESIGN

##### 2.1.1 SECONDARY DATA

###### 2.1.1.1 Major secondary sources

###### 2.1.1.2 Key data from secondary sources

##### 2.1.2 PRIMARY DATA

###### 2.1.2.1 Primary interviews with experts

###### 2.1.2.2 Key data from primary sources

###### 2.1.2.3 Key industry insights

###### 2.1.2.4 Breakdown of primaries

##### 2.1.3 SECONDARY AND PRIMARY RESEARCH

#### 2.2 MARKET SIZE ESTIMATION METHODOLOGY

#### FIGURE 5 3D PRINTING ROBOT MARKET: RESEARCH FLOW

#### FIGURE 6 3D PRINTING ROBOT MARKET: REVENUE GENERATED FROM SALES OF 3D PRINTING ROBOTS

##### 2.2.1 BOTTOM-UP APPROACH

###### 2.2.1.1 Approach to arrive at market size using bottom-up analysis (demand side)

FIGURE 7 3D PRINTING ROBOT MARKET: BOTTOM-UP APPROACH

2.2.2 TOP-DOWN APPROACH

2.2.2.1 Approach to arrive at market size using top-down analysis (supply side)

FIGURE 8 3D PRINTING ROBOT MARKET: TOP-DOWN APPROACH

2.3 DATA TRIANGULATION

FIGURE 9 3D PRINTING ROBOT MARKET: DATA TRIANGULATION

2.4 RESEARCH ASSUMPTIONS

2.5 RISK ASSESSMENT

TABLE 1 3D PRINTING ROBOT MARKET: RISK FACTOR ANALYSIS

2.6 PARAMETERS CONSIDERED TO ANALYZE RECESSION IMPACT

TABLE 2 3D PRINTING ROBOT MARKET: PARAMETERS CONSIDERED TO ANALYZE RECESSION IMPACT

2.7 RESEARCH LIMITATIONS

### **3 EXECUTIVE SUMMARY**

FIGURE 10 ROBOT ARMS SEGMENT TO DOMINATE 3D PRINTING ROBOT MARKET DURING FORECAST PERIOD

FIGURE 11 ARTICULATED ROBOTS SEGMENT TO ACCOUNT FOR LARGEST MARKET SHARE IN 2028

FIGURE 12 PROTOTYPING SEGMENT TO HOLD LARGEST MARKET SHARE IN 2023

FIGURE 13 AEROSPACE & DEFENSE SEGMENT TO ACCOUNT FOR LARGEST MARKET SHARE IN 2028

FIGURE 14 NORTH AMERICA HELD LARGEST SHARE OF 3D PRINTING ROBOT MARKET IN 2022

### **4 PREMIUM INSIGHTS**

4.1 ATTRACTIVE OPPORTUNITIES FOR PLAYERS IN 3D PRINTING ROBOT MARKET

FIGURE 15 SHORTAGE OF SKILLED LABOR TO OFFER LUCRATIVE OPPORTUNITIES FOR PLAYERS IN 3D PRINTING ROBOT MARKET

4.2 3D PRINTING ROBOT MARKET, BY COMPONENT

FIGURE 16 3D PRINTING HEADS SEGMENT TO EXHIBIT HIGHEST CAGR IN 3D PRINTING ROBOT MARKET DURING FORECAST PERIOD

4.3 3D PRINTING ROBOT MARKET, BY ROBOT TYPE

FIGURE 17 ARTICULATED ROBOTS SEGMENT TO DOMINATE MARKET DURING FORECAST PERIOD

#### 4.4 3D PRINTING ROBOT MARKET, BY APPLICATION

FIGURE 18 FUNCTIONAL PART MANUFACTURING SEGMENT TO HOLD LARGEST MARKET SHARE IN 2028

#### 4.5 3D PRINTING ROBOT MARKET, BY END-USER INDUSTRY

FIGURE 19 AUTOMOTIVE SEGMENT TO DEPICT HIGHEST CAGR IN 3D PRINTING ROBOT MARKET BETWEEN 2023 AND 2028

#### 4.6 3D PRINTING ROBOT MARKET, BY COUNTRY

FIGURE 20 3D PRINTING ROBOT MARKET IN CHINA TO GROW AT HIGHEST CAGR FROM 2023 TO 2028

## 5 MARKET OVERVIEW

### 5.1 INTRODUCTION

### 5.2 MARKET DYNAMICS

FIGURE 21 3D PRINTING ROBOT MARKET: DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES

#### 5.2.1 DRIVERS

5.2.1.1 Increasing government-led investments in additive manufacturing projects

5.2.1.2 Growing reliance on automated solutions to conduct repetitive tasks and improve workplace safety

5.2.1.3 Rising focus on achieving production efficiency at manufacturing facilities

FIGURE 22 3D PRINTING ROBOT MARKET: DRIVERS AND THEIR IMPACT

#### 5.2.2 RESTRAINTS

5.2.2.1 High costs of installation and ownership of 3D printing robots

FIGURE 23 3D PRINTING ROBOT MARKET: RESTRAINTS AND THEIR IMPACT

#### 5.2.3 OPPORTUNITIES

5.2.3.1 Rising awareness about higher degree of freedom offered by 3D printing robots than traditional printers

5.2.3.2 Increasing application scope of 3D printing robots in automotive and electronics industries

5.2.3.3 Surging adoption of innovative technologies for customized and complex part production

FIGURE 24 3D PRINTING ROBOT MARKET: OPPORTUNITIES AND THEIR IMPACT

#### 5.2.4 CHALLENGES

5.2.4.1 Interoperability and compatibility issues related to hardware components of 3D printing robots

FIGURE 25 3D PRINTING ROBOT MARKET: CHALLENGES AND THEIR IMPACT

### 5.3 TRENDS/DISRUPTIONS IMPACTING CUSTOMERS' BUSINESSES

FIGURE 26 3D PRINTING ROBOT MARKET: TRENDS/DISRUPTIONS IMPACTING



## CUSTOMERS' BUSINESSES

### 5.4 PRICING ANALYSIS

#### 5.4.1 AVERAGE SELLING PRICE (ASP) TREND, BY COMPONENT

TABLE 3 AVERAGE SELLING PRICE TREND, BY ROBOT ARM

TABLE 4 AVERAGE SELLING PRICE TREND, BY 3D PRINT HEAD

FIGURE 27 AVERAGE SELLING PRICE OF 3D PRINTING ROBOT COMPONENTS OFFERED BY 5 KEY PLAYERS

TABLE 5 AVERAGE SELLING PRICE OF 3D PRINTING ROBOT COMPONENTS OFFERED BY 5 KEY PLAYERS (USD)

#### 5.4.2 AVERAGE SELLING PRICE (ASP) TREND, BY REGION

FIGURE 28 AVERAGE SELLING PRICE OF ROBOT ARMS, BY REGION, 2019–2028

FIGURE 29 AVERAGE SELLING PRICE OF 3D PRINTING HEADS, BY REGION, 2019–2028

### 5.5 VALUE CHAIN ANALYSIS

FIGURE 30 3D PRINTING ROBOT MARKET: VALUE CHAIN ANALYSIS

### 5.6 ECOSYSTEM/MARKET MAP

FIGURE 31 3D PRINTING ROBOT ECOSYSTEM

TABLE 6 COMPANIES AND THEIR ROLES IN 3D PRINTING ROBOT ECOSYSTEM

### 5.7 TECHNOLOGY ANALYSIS

#### 5.7.1 ROBOTIC 3D BIOPRINTING

#### 5.7.2 ARTIFICIAL INTELLIGENCE (AI)

#### 5.7.3 ROBOTICS

### 5.8 PATENT ANALYSIS

FIGURE 32 3D PRINTING ROBOT MARKET: PATENTS APPLIED AND GRANTED, 2012–2023

TABLE 7 3D PRINTING ROBOT MARKET: LIST OF MAJOR PATENTS

### 5.9 TRADE ANALYSIS

FIGURE 33 IMPORT DATA FOR HS CODE 844311-COMPLIANT 3D PRINTING ROBOTS, BY COUNTRY, 2018–2022 (USD MILLION)

FIGURE 34 EXPORT DATA FOR HS CODE 844311-COMPLIANT 3D PRINTING ROBOTS, BY COUNTRY, 2018–2022 (USD MILLION)

### 5.10 KEY CONFERENCES AND EVENTS, 2023–2024

TABLE 8 3D PRINTING ROBOT MARKET: KEY CONFERENCES AND EVENTS, 2023–2024

### 5.11 CASE STUDY ANALYSIS

5.11.1 SPARK MAKERS ZONE ADOPTS CEAD B.V.'S ROBOT EXTRUDERS TO DEVELOP NON-STANDARDIZED PRINT OBJECTS

5.11.2 ADDITIVE LEVERAGES KUKA AG'S ROBOTIC TECHNOLOGY TO ENABLE 3D CONCRETE PRINTING

### 5.11.3 TU DRESDEN ADOPTS CEAD B.V.'S AM FLEXBOT TO SCALE UP ADDITIVE MANUFACTURING

5.11.4 BMW GROUP DEPLOYS DATENTECHNIK REITZ GMBH & CO. KG'S SPRUTCAM X ROBOTS TO PROGRAM 3D PRINTING AND MILLING TASKS

5.11.5 SIEMENS INTEGRATES CEAD B.V.'S AM FLEXBOT 3D PRINTING SYSTEMS TO OPTIMIZE LARGE-SCALE ADDITIVE MANUFACTURING

### 5.12 TARIFF ANALYSIS

TABLE 9 MFN TARIFFS FOR HS CODE: 844311 EXPORTED BY US

TABLE 10 MFN TARIFFS FOR HS CODE: 844311 EXPORTED BY CHINA

TABLE 11 MFN TARIFFS FOR HS CODE: 844311 EXPORTED BY INDIA

### 5.13 REGULATORY LANDSCAPE AND STANDARDS

TABLE 12 INTERNATIONAL: REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

TABLE 13 NORTH AMERICA: REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

TABLE 14 EUROPE: REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

TABLE 15 ASIA PACIFIC: REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

TABLE 16 ROW: REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

#### 5.13.1 STANDARDS

##### 5.13.1.1 North America

5.13.1.1.1 US-FDA 21 CFR Part 812

5.13.1.1.2 ANSI/RIA R15.06-2012

5.13.1.1.3 NFPA 70E

5.13.1.1.4 OSHA 29 CFR 1910.1030

5.13.1.1.5 OSHA 29 CFR 1910.147

##### 5.13.1.2 Europe

5.13.1.2.1 Europe-CE (Conformity European)

5.13.1.2.2 EN ISO 10218-2:2011

5.13.1.2.3 IEC 61508

5.13.1.2.4 Low Voltage Directive 2014/35/EU

5.13.1.2.5 Electromagnetic Compatibility (EMC) Directive 2014/30/EU

##### 5.13.1.3 Asia Pacific

5.13.1.3.1 China-MIIT (Ministry of Industry and Information Technology)

5.13.1.3.2 Japan-PMDA (Pharmaceuticals and Medical Devices Agency)

5.13.1.3.3 India-DGFT (Directorate General of Foreign Trade)

5.13.1.3.4 ISO 10218-2:2011

5.13.1.3.5 Chinese National Standard (CNS) 12706-1:2011

5.13.1.3.6 Japanese Industrial Standard (JIS) B8914

5.13.1.3.7 Chinese National Standard (CNS) 12706-1:2011

5.13.1.4 RoW

5.13.1.4.1 IEC 61508

5.14 PORTER'S FIVE FORCES ANALYSIS

TABLE 17 3D PRINTING ROBOT MARKET: PORTER'S FIVE FORCES ANALYSIS

FIGURE 35 3D PRINTING ROBOT MARKET: PORTER'S FIVE FORCES ANALYSIS

5.14.1 THREAT OF NEW ENTRANTS

5.14.2 THREAT OF SUBSTITUTES

5.14.3 BARGAINING POWER OF SUPPLIERS

5.14.4 BARGAINING POWER OF BUYERS

5.14.5 INTENSITY OF COMPETITIVE RIVALRY

5.15 KEY STAKEHOLDERS AND BUYING CRITERIA

5.15.1 KEY STAKEHOLDERS IN BUYING PROCESS

FIGURE 36 INFLUENCE OF STAKEHOLDERS ON BUYING PROCESS FOR TOP 3  
END-USER INDUSTRIES

TABLE 18 INFLUENCE OF STAKEHOLDERS ON BUYING PROCESS FOR TOP 3  
END-USER INDUSTRIES (%)

5.15.2 BUYING CRITERIA

FIGURE 37 KEY BUYING CRITERIA FOR TOP 3 END-USER INDUSTRIES

TABLE 19 KEY BUYING CRITERIA FOR TOP 3 END-USER INDUSTRIES

## **6 3D PRINTING ROBOT MARKET, BY COMPONENT**

6.1 INTRODUCTION

FIGURE 38 ROBOT ARMS SEGMENT TO DOMINATE 3D PRINTING ROBOT  
MARKET DURING FORECAST PERIOD

TABLE 20 3D PRINTING ROBOT MARKET, BY COMPONENT, 2019–2022 (USD  
MILLION)

TABLE 21 3D PRINTING ROBOT MARKET, BY COMPONENT, 2023–2028 (USD  
MILLION)

6.2 ROBOT ARMS

6.2.1 USE OF ROBOT ARMS IN COMPLEX AND LARGE-SCALE 3D-PRINTED  
MODELS TO ACCELERATE MARKET GROWTH

TABLE 22 ROBOT ARMS: 3D PRINTING ROBOT MARKET, BY END-USER  
INDUSTRY, 2019–2022 (USD MILLION)

TABLE 23 ROBOT ARMS: 3D PRINTING ROBOT MARKET, BY END-USER  
INDUSTRY, 2023–2028 (USD MILLION)

TABLE 24 ROBOT ARMS: 3D PRINTING ROBOT MARKET, BY REGION, 2019–2022 (USD MILLION)

TABLE 25 ROBOT ARMS: 3D PRINTING ROBOT MARKET, BY REGION, 2023–2028 (USD MILLION)

### 6.3 3D PRINTING HEADS

6.3.1 RELIANCE ON EFFICIENT 3D PRINTING HEADS TO DELIVER EXCEPTIONAL SURFACE QUALITY TO DRIVE MARKET

TABLE 26 3D PRINTING HEADS: 3D PRINTING ROBOT MARKET, BY END-USER INDUSTRY, 2019–2022 (USD MILLION)

TABLE 27 3D PRINTING HEADS: 3D PRINTING ROBOT MARKET, BY END-USER INDUSTRY, 2023–2028 (USD MILLION)

TABLE 28 3D PRINTING HEADS: 3D PRINTING ROBOT MARKET, BY REGION, 2019–2022 (USD MILLION)

TABLE 29 3D PRINTING HEADS: 3D PRINTING ROBOT MARKET, BY REGION, 2023–2028 (USD MILLION)

### 6.4 SOFTWARE

6.4.1 ADOPTION OF 3D PRINTING SOFTWARE IN REMOTE PRINT MONITORING AND CONTROL APPLICATIONS TO FUEL SEGMENTAL GROWTH

TABLE 30 SOFTWARE: 3D PRINTING ROBOT MARKET, BY END-USER INDUSTRY, 2019–2022 (USD MILLION)

TABLE 31 SOFTWARE: 3D PRINTING ROBOT MARKET, BY END-USER INDUSTRY, 2023–2028 (USD MILLION)

TABLE 32 SOFTWARE: 3D PRINTING ROBOT MARKET, BY REGION, 2019–2022 (USD MILLION)

TABLE 33 SOFTWARE: 3D PRINTING ROBOT MARKET, BY REGION, 2023–2028 (USD MILLION)

## 7 3D PRINTING ROBOT MARKET, BY ROBOT TYPE

### 7.1 INTRODUCTION

FIGURE 39 SCARA ROBOTS SEGMENT TO EXHIBIT HIGHEST CAGR IN 3D PRINTING ROBOT MARKET FROM 2023 TO 2028

TABLE 34 3D PRINTING ROBOT MARKET, BY ROBOT TYPE, 2019–2022 (USD MILLION)

TABLE 35 3D PRINTING ROBOT MARKET, BY ROBOT TYPE, 2023–2028 (USD MILLION)

### 7.2 ARTICULATED ROBOTS

7.2.1 INCREASING USE OF HIGH-PERFORMANCE AND VERSATILE ARTICULATED ROBOTS IN COMPLEX PRINTING TO PROPEL MARKET

TABLE 36 ARTICULATED ROBOTS: 3D PRINTING ROBOT MARKET, BY REGION, 2019–2022 (USD MILLION)

TABLE 37 ARTICULATED ROBOTS: 3D PRINTING ROBOT MARKET, BY REGION, 2023–2028 (USD MILLION)

### 7.3 CARTESIAN ROBOTS

7.3.1 GROWING DEMAND FOR COST-EFFECTIVE AND ACCURATE ROBOTIC SYSTEMS TO FOSTER SEGMENTAL GROWTH

TABLE 38 CARTESIAN ROBOTS: 3D PRINTING ROBOT MARKET, BY REGION, 2019–2022 (USD MILLION)

TABLE 39 CARTESIAN ROBOTS: 3D PRINTING ROBOT MARKET, BY REGION, 2023–2028 (USD MILLION)

### 7.4 SCARA ROBOTS

7.4.1 ESCALATING ADOPTION OF HIGH-SPEED AND PRECISE SCARA ROBOTS IN AUTOMOBILE MANUFACTURING FACILITIES TO SUPPORT MARKET GROWTH

TABLE 40 SCARA ROBOTS: 3D PRINTING ROBOT MARKET, BY REGION, 2019–2022 (USD MILLION)

TABLE 41 SCARA ROBOTS: 3D PRINTING ROBOT MARKET, BY REGION, 2023–2028 (USD MILLION)

### 7.5 POLAR ROBOTS

7.5.1 SURGING USE OF POLAR ROBOTS TO AUTOMATE POST-PROCESSING ACTIVITIES IN AUTOMOTIVE AND AEROSPACE PLANTS TO DRIVE MARKET

TABLE 42 POLAR ROBOTS: 3D PRINTING ROBOT MARKET, BY REGION, 2019–2022 (USD MILLION)

TABLE 43 POLAR ROBOTS: 3D PRINTING ROBOT MARKET, BY REGION, 2023–2028 (USD MILLION)

### 7.6 DELTA ROBOTS

7.6.1 RISING DEPLOYMENT OF LOW-MAINTENANCE AND COST-EFFICIENT DELTA ROBOTS IN VERTICAL PRINTING APPLICATIONS TO CONTRIBUTE TO SEGMENTAL GROWTH

TABLE 44 DELTA ROBOTS: 3D PRINTING ROBOT MARKET, BY REGION, 2019–2022 (USD MILLION)

TABLE 45 DELTA ROBOTS: 3D PRINTING ROBOT MARKET, BY REGION, 2023–2028 (USD MILLION)

### 7.7 OTHER ROBOT TYPES

TABLE 46 OTHER ROBOT TYPES: 3D PRINTING ROBOT MARKET, BY REGION, 2019–2022 (USD MILLION)

TABLE 47 OTHER ROBOT TYPES: 3D PRINTING ROBOT MARKET, BY REGION, 2023–2028 (USD MILLION)

## **8 3D PRINTING ROBOT MARKET, BY APPLICATION**

### **8.1 INTRODUCTION**

FIGURE 40 FUNCTIONAL PART MANUFACTURING SEGMENT TO ACCOUNT FOR LARGEST MARKET SHARE IN 2028

TABLE 48 3D PRINTING ROBOT MARKET, BY APPLICATION, 2019–2022 (USD MILLION)

TABLE 49 3D PRINTING ROBOT MARKET, BY APPLICATION, 2023–2028 (USD MILLION)

### **8.2 PROTOTYPING**

8.2.1 USE OF 3D PRINTING ROBOTS IN PROTOTYPING OF AUTOMOBILE AND AIRCRAFT PARTS TO ACCELERATE SEGMENTAL GROWTH

TABLE 50 PROTOTYPING: 3D PRINTING ROBOT MARKET, BY REGION, 2019–2022 (USD MILLION)

TABLE 51 PROTOTYPING: 3D PRINTING ROBOT MARKET, BY REGION, 2023–2028 (USD MILLION)

### **8.3 TOOLING**

8.3.1 ADOPTION OF 3D PRINTING ROBOTS IN MANUFACTURING COMPLEX COMPONENTS AND TOOLS TO DRIVE MARKET

TABLE 52 TOOLING: 3D PRINTING ROBOT MARKET, BY REGION, 2019–2022 (USD MILLION)

TABLE 53 TOOLING: 3D PRINTING ROBOT MARKET, BY REGION, 2023–2028 (USD MILLION)

### **8.4 FUNCTIONAL PART MANUFACTURING**

8.4.1 RELIANCE ON 3D PRINTING ROBOTS TO ENABLE COMPLEX GEOMETRIES IN FUNCTIONAL PART MANUFACTURING TO PROPEL MARKET

TABLE 54 FUNCTIONAL PART MANUFACTURING: 3D PRINTING ROBOT MARKET, BY REGION, 2019–2022 (USD MILLION)

TABLE 55 FUNCTIONAL PART MANUFACTURING: 3D PRINTING ROBOT MARKET, BY REGION, 2023–2028 (USD MILLION)

## **9 3D PRINTING ROBOT MARKET, BY END-USER INDUSTRY**

### **9.1 INTRODUCTION**

FIGURE 41 AEROSPACE & DEFENSE SEGMENT TO DOMINATE 3D PRINTING ROBOT MARKET DURING FORECAST PERIOD

TABLE 56 3D PRINTING ROBOT MARKET, BY END-USER INDUSTRY, 2019–2022 (USD MILLION)

TABLE 57 3D PRINTING ROBOT MARKET, BY END-USER INDUSTRY, 2023–2028

(USD MILLION)

## 9.2 AUTOMOTIVE

9.2.1 USE OF 3D PRINTING ROBOTS IN AUTOMOBILE FACILITIES TO INCREASE MANUFACTURING EFFICIENCY TO BOOST SEGMENTAL GROWTH

TABLE 58 AUTOMOTIVE: 3D PRINTING ROBOT MARKET, BY REGION, 2019–2022 (USD MILLION)

TABLE 59 AUTOMOTIVE: 3D PRINTING ROBOT MARKET, BY REGION, 2023–2028 (USD MILLION)

## 9.3 FAST-MOVING CONSUMER GOODS (FMCG)

9.3.1 RELIANCE ON 3D PRINTING ROBOTS TO PROTOTYPE FMCG PRODUCT DESIGNS TO ACCELERATE MARKET GROWTH

TABLE 60 FMCG: 3D PRINTING ROBOT MARKET, BY REGION, 2019–2022 (USD MILLION)

TABLE 61 FMCG: 3D PRINTING ROBOT MARKET, BY REGION, 2023–2028 (USD MILLION)

## 9.4 AEROSPACE & DEFENSE

9.4.1 ADOPTION OF 3D PRINTING ROBOTS IN AEROSPACE & DEFENSE FACILITIES TO DEVELOP CUSTOM COMPONENTS TO FUEL MARKET GROWTH

TABLE 62 AEROSPACE & DEFENSE: 3D PRINTING ROBOT MARKET, BY REGION, 2019–2022 (USD MILLION)

TABLE 63 AEROSPACE & DEFENSE: 3D PRINTING ROBOT MARKET, BY REGION, 2023–2028 (USD MILLION)

## 9.5 CONSTRUCTION

9.5.1 INSTALLATION OF ROBOTIC SYSTEMS AT CONSTRUCTION SITES TO OPTIMIZE CONTROL SYSTEMS TO PROPEL MARKET

TABLE 64 CONSTRUCTION: 3D PRINTING ROBOT MARKET, BY REGION, 2019–2022 (USD MILLION)

TABLE 65 CONSTRUCTION: 3D PRINTING ROBOT MARKET, BY REGION, 2023–2028 (USD MILLION)

## 9.6 CULINARY

9.6.1 USE OF 3D PRINTING ROBOTS TO INTRICATELY DESIGN FOOD PRODUCTS AND REDUCE SPOILAGE TO CONTRIBUTE TO SEGMENTAL GROWTH

TABLE 66 CULINARY: 3D PRINTING ROBOT MARKET, BY REGION, 2019–2022 (USD MILLION)

TABLE 67 CULINARY: 3D PRINTING ROBOT MARKET, BY REGION, 2023–2028 (USD MILLION)

## 9.7 OTHER END-USER INDUSTRIES

TABLE 68 OTHER END-USER INDUSTRIES: 3D PRINTING ROBOT MARKET, BY

REGION, 2019–2022 (USD MILLION)

TABLE 69 OTHER END-USER INDUSTRIES: 3D PRINTING ROBOT MARKET, BY REGION, 2023–2028 (USD MILLION)

## **10 3D PRINTING ROBOT MARKET, BY REGION**

### 10.1 INTRODUCTION

FIGURE 42 NORTH AMERICA TO DOMINATE 3D PRINTING ROBOT MARKET BETWEEN 2023 AND 2028

TABLE 70 3D PRINTING ROBOT MARKET, BY REGION, 2019–2022 (USD MILLION)

TABLE 71 3D PRINTING ROBOT MARKET, BY REGION, 2023–2028 (USD MILLION)

### 10.2 NORTH AMERICA

#### 10.2.1 RECESSION IMPACT ON MARKET IN NORTH AMERICA

FIGURE 43 NORTH AMERICA: 3D PRINTING ROBOT MARKET SNAPSHOT

TABLE 72 NORTH AMERICA: 3D PRINTING ROBOT MARKET, BY COUNTRY, 2019–2022 (USD MILLION)

TABLE 73 NORTH AMERICA: 3D PRINTING ROBOT MARKET, BY COUNTRY, 2023–2028 (USD MILLION)

TABLE 74 NORTH AMERICA: 3D PRINTING ROBOT MARKET, BY COMPONENT, 2019–2022 (USD MILLION)

TABLE 75 NORTH AMERICA: 3D PRINTING ROBOT MARKET, BY COMPONENT, 2023–2028 (USD MILLION)

TABLE 76 NORTH AMERICA: 3D PRINTING ROBOT MARKET, BY ROBOT TYPE, 2019–2022 (USD MILLION)

TABLE 77 NORTH AMERICA: 3D PRINTING ROBOT MARKET, BY ROBOT TYPE, 2023–2028 (USD MILLION)

TABLE 78 NORTH AMERICA: 3D PRINTING ROBOT MARKET, BY APPLICATION, 2019–2022 (USD MILLION)

TABLE 79 NORTH AMERICA: 3D PRINTING ROBOT MARKET, BY APPLICATION, 2023–2028 (USD MILLION)

TABLE 80 NORTH AMERICA: 3D PRINTING ROBOT MARKET, BY END-USER INDUSTRY, 2019–2022 (USD MILLION)

TABLE 81 NORTH AMERICA: 3D PRINTING ROBOT MARKET, BY END-USER INDUSTRY, 2023–2028 (USD MILLION)

FIGURE 44 US TO EXHIBIT HIGHEST CAGR IN NORTH AMERICAN 3D PRINTING ROBOT MARKET DURING FORECAST PERIOD

#### 10.2.2 US

10.2.2.1 Rising focus on additive manufacturing projects to revolutionize industrial processes to foster market growth



### 10.2.3 CANADA

10.2.3.1 Surging adoption of 3D printing robots to develop lightweight, complex, and durable automobile parts to propel market

### 10.2.4 MEXICO

10.2.4.1 Increasing launch of workshops in universities and electronics companies to boost 3D printing awareness to accelerate market growth

## 10.3 EUROPE

### 10.3.1 RECESSION IMPACT ON MARKET IN EUROPE

FIGURE 45 EUROPE: 3D PRINTING ROBOT MARKET SNAPSHOT

TABLE 82 EUROPE: 3D PRINTING ROBOT MARKET, BY COUNTRY, 2019–2022  
(USD MILLION)

TABLE 83 EUROPE: 3D PRINTING ROBOT MARKET, BY COUNTRY, 2023–2028  
(USD MILLION)

TABLE 84 EUROPE: 3D PRINTING ROBOT MARKET, BY COMPONENT, 2019–2022  
(USD MILLION)

TABLE 85 EUROPE: 3D PRINTING ROBOT MARKET, BY COMPONENT, 2023–2028  
(USD MILLION)

TABLE 86 EUROPE: 3D PRINTING ROBOT MARKET, BY ROBOT TYPE, 2019–2022  
(USD MILLION)

TABLE 87 EUROPE: 3D PRINTING ROBOT MARKET, BY ROBOT TYPE, 2023–2028  
(USD MILLION)

TABLE 88 EUROPE: 3D PRINTING ROBOT MARKET, BY APPLICATION, 2019–2022  
(USD MILLION)

TABLE 89 EUROPE: 3D PRINTING ROBOT MARKET, BY APPLICATION, 2023–2028  
(USD MILLION)

TABLE 90 EUROPE: 3D PRINTING ROBOT MARKET, BY END-USER INDUSTRY,  
2019–2022 (USD MILLION)

TABLE 91 EUROPE: 3D PRINTING ROBOT MARKET, BY END-USER INDUSTRY,  
2023–2028 (USD MILLION)

FIGURE 46 GERMANY TO DOMINATE EUROPEAN 3D PRINTING ROBOT MARKET  
FROM 2023 TO 2028

### 10.3.2 UK

10.3.2.1 Substantial investments in advanced manufacturing technologies to encourage adoption of 3D printing robots

### 10.3.3 GERMANY

10.3.3.1 Increased adoption of 3D printing technologies in automobile manufacturing facilities to develop prototypes to drive market

### 10.3.4 FRANCE

10.3.4.1 High construction costs and shortage of skilled labor forces to boost demand

for 3D printing robots

#### 10.3.5 ITALY

10.3.5.1 Increased requirement for lightweight, durable, and complex parts and high intricacy of aerospace & defense systems to fuel demand for 3D printing robots

#### 10.3.6 REST OF EUROPE

### 10.4 ASIA PACIFIC

#### 10.4.1 RECESSION IMPACT ON MARKET IN ASIA PACIFIC

FIGURE 47 ASIA PACIFIC: 3D PRINTING ROBOT MARKET SNAPSHOT

TABLE 92 ASIA PACIFIC: 3D PRINTING ROBOT MARKET, BY COUNTRY, 2019–2022 (USD MILLION)

TABLE 93 ASIA PACIFIC: 3D PRINTING ROBOT MARKET, BY COUNTRY, 2023–2028 (USD MILLION)

TABLE 94 ASIA PACIFIC: 3D PRINTING ROBOT MARKET, BY COMPONENT, 2019–2022 (USD MILLION)

TABLE 95 ASIA PACIFIC: 3D PRINTING ROBOT MARKET, BY COMPONENT, 2023–2028 (USD MILLION)

TABLE 96 ASIA PACIFIC: 3D PRINTING ROBOT MARKET, BY ROBOT TYPE, 2019–2022 (USD MILLION)

TABLE 97 ASIA PACIFIC: 3D PRINTING ROBOT MARKET, BY ROBOT TYPE, 2023–2028 (USD MILLION)

TABLE 98 ASIA PACIFIC: 3D PRINTING ROBOT MARKET, BY APPLICATION, 2019–2022 (USD MILLION)

TABLE 99 ASIA PACIFIC: 3D PRINTING ROBOT MARKET, BY APPLICATION, 2023–2028 (USD MILLION)

TABLE 100 ASIA PACIFIC: 3D PRINTING ROBOT MARKET, BY END-USER INDUSTRY, 2019–2022 (USD MILLION)

TABLE 101 ASIA PACIFIC: 3D PRINTING ROBOT MARKET, BY END-USER INDUSTRY, 2023–2028 (USD MILLION)

FIGURE 48 CHINA TO ACCOUNT FOR LARGEST SHARE OF ASIA PACIFIC 3D PRINTING ROBOT MARKET IN 2023

#### 10.4.2 CHINA

10.4.2.1 Implementation of subsidies and tax breaks for R&D of 3D printing technologies to fuel market growth

#### 10.4.3 JAPAN

10.4.3.1 Reliance of automakers on 3D printing technologies to enhance productivity to propel market

#### 10.4.4 SOUTH KOREA

10.4.4.1 Government-led investments in 3D printing technologies to automate manufacturing processes to foster market growth

#### 10.4.5 REST OF ASIA PACIFIC

#### 10.5 ROW

##### 10.5.1 RECESSION IMPACT ON MARKET IN ROW

FIGURE 49 ROW: 3D PRINTING ROBOT MARKET SNAPSHOT

TABLE 102 ROW: 3D PRINTING ROBOT MARKET, BY COUNTRY, 2019–2022 (USD MILLION)

TABLE 103 ROW: 3D PRINTING ROBOT MARKET, BY COUNTRY, 2023–2028 (USD MILLION)

TABLE 104 ROW: 3D PRINTING ROBOT MARKET, BY COMPONENT, 2019–2022 (USD MILLION)

TABLE 105 ROW: 3D PRINTING ROBOT MARKET, BY COMPONENT, 2023–2028 (USD MILLION)

TABLE 106 ROW: 3D PRINTING ROBOT MARKET, BY ROBOT TYPE, 2019–2022 (USD MILLION)

TABLE 107 ROW: 3D PRINTING ROBOT MARKET, BY ROBOT TYPE, 2023–2028 (USD MILLION)

TABLE 108 ROW: 3D PRINTING ROBOT MARKET, BY APPLICATION, 2019–2022 (USD MILLION)

TABLE 109 ROW: 3D PRINTING ROBOT MARKET, BY APPLICATION, 2023–2028 (USD MILLION)

TABLE 110 ROW: 3D PRINTING ROBOT MARKET, BY END-USER INDUSTRY, 2019–2022 (USD MILLION)

TABLE 111 ROW: 3D PRINTING ROBOT MARKET, BY END-USER INDUSTRY, 2023–2028 (USD MILLION)

FIGURE 50 SOUTH AMERICA TO GROW AT HIGHER CAGR IN ROW 3D PRINTING ROBOT MARKET DURING FORECAST PERIOD

##### 10.5.2 MIDDLE EAST & AFRICA

10.5.2.1 Rising focus on adopting efficient construction practices to contribute to market growth

##### 10.5.3 SOUTH AMERICA

10.5.3.1 Increasing use of automated systems to reduce construction-related risks to drive market

## 11 COMPETITIVE LANDSCAPE

### 11.1 INTRODUCTION

### 11.2 STRATEGIES ADOPTED BY KEY PLAYERS, 2019–2023

TABLE 112 OVERVIEW OF STRATEGIES ADOPTED BY KEY PLAYERS, 2019–2023

### 11.3 REVENUE ANALYSIS, 2019–2023

FIGURE 51 REVENUE ANALYSIS OF TOP 5 PLAYERS, 2019–2023

11.4 MARKET SHARE ANALYSIS, 2022

FIGURE 52 3D PRINTING ROBOT MARKET SHARE ANALYSIS, 2022

TABLE 113 3D PRINTING ROBOT MARKET: DEGREE OF COMPETITION

11.5 COMPANY EVALUATION MATRIX, 2022

11.5.1 STARS

11.5.2 EMERGING LEADERS

11.5.3 PERVASIVE PLAYERS

11.5.4 PARTICIPANTS

FIGURE 53 3D PRINTING ROBOT MARKET: COMPANY EVALUATION MATRIX, 2023

11.5.5 COMPANY FOOTPRINT

TABLE 114 OVERALL COMPANY FOOTPRINT

TABLE 115 COMPANY COMPONENT FOOTPRINT

TABLE 116 COMPANY END-USER INDUSTRY FOOTPRINT

TABLE 117 COMPANY REGIONAL FOOTPRINT

11.6 START-UP/SME EVALUATION MATRIX, 2023

11.6.1 PROGRESSIVE COMPANIES

11.6.2 RESPONSIVE COMPANIES

11.6.3 DYNAMIC COMPANIES

11.6.4 STARTING BLOCKS

FIGURE 54 3D PRINTING ROBOT MARKET: START-UP/SME EVALUATION MATRIX, 2023

11.6.5 COMPETITIVE BENCHMARKING

TABLE 118 OVERALL STARTUP FOOTPRINT

TABLE 119 3D PRINTING ROBOT MARKET: COMPETITIVE BENCHMARKING OF KEY START-UPS/SMES

TABLE 120 3D PRINTING ROBOT MARKET: LIST OF KEY START-UPS

11.7 COMPETITIVE SCENARIOS AND TRENDS

TABLE 121 3D PRINTING ROBOT MARKET: PRODUCT LAUNCHES, 2019–2023

TABLE 122 3D PRINTING ROBOT MARKET: DEALS, 2023

TABLE 123 3D PRINTING ROBOT MARKET: OTHERS, 2022–2023

## **12 COMPANY PROFILES**

(Business Overview, Products/Solutions/Services Offered, Recent Developments, MnM view (Key strengths/Right to win, Strategic choices made, Weakness/competitive threats)\*

12.1 KEY PLAYERS

### 12.1.1 KUKA AG

TABLE 124 KUKA AG: COMPANY OVERVIEW

FIGURE 55 KUKA AG: COMPANY SNAPSHOT

TABLE 125 KUKA AG: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 126 KUKA AG: PRODUCT LAUNCHES

TABLE 127 KUKA AG: DEALS

### 12.1.2 ABB

TABLE 128 ABB: COMPANY OVERVIEW

FIGURE 56 ABB: COMPANY SNAPSHOT

TABLE 129 ABB: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 130 ABB: PRODUCT LAUNCHES

TABLE 131 ABB: DEALS

TABLE 132 ABB: OTHERS

### 12.1.3 YASKAWA ELECTRIC CORPORATION

TABLE 133 YASKAWA ELECTRIC CORPORATION: COMPANY OVERVIEW

FIGURE 57 YASKAWA ELECTRIC CORPORATION: COMPANY SNAPSHOT

TABLE 134 YASKAWA ELECTRIC CORPORATION:  
PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 135 YASKAWA ELECTRIC CORPORATION: DEALS

TABLE 136 YASKAWA ELECTRIC CORPORATION: OTHERS

### 12.1.4 FANUC CORPORATION

TABLE 137 FANUC CORPORATION: COMPANY OVERVIEW

FIGURE 58 FANUC CORPORATION: COMPANY SNAPSHOT

TABLE 138 FANUC CORPORATION: PRODUCTS/SOLUTIONS/SERVICES  
OFFERED

TABLE 139 FANUC CORPORATION: DEALS

TABLE 140 FANUC CORPORATION: OTHERS

### 12.1.5 UNIVERSAL ROBOTS A/S (TERADYNE)

TABLE 141 UNIVERSAL ROBOTS A/S (TERADYNE): COMPANY OVERVIEW

FIGURE 59 UNIVERSAL ROBOTS A/S (TERADYNE): COMPANY SNAPSHOT

TABLE 142 UNIVERSAL ROBOTS A/S (TERADYNE):  
PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 143 UNIVERSAL ROBOTS A/S (TERADYNE): DEALS

### 12.1.6 MASSIVE DIMENSION

TABLE 144 MASSIVE DIMENSION: COMPANY OVERVIEW

TABLE 145 MASSIVE DIMENSION: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 146 MASSIVE DIMENSION: PRODUCT LAUNCHES

TABLE 147 MASSIVE DIMENSION: DEALS

### 12.1.7 CEAD B.V.

TABLE 148 CEAD B.V.: COMPANY OVERVIEW

TABLE 149 CEAD B.V.: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 150 CEAD B.V.: PRODUCT LAUNCHES

TABLE 151 CEAD B.V. DEALS

TABLE 152 CEAD B.V.: OTHERS

#### 12.1.8 CARACOL

TABLE 153 CARACOL: COMPANY OVERVIEW

TABLE 154 CARACOL: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 155 CARACOL: PRODUCT LAUNCHES

TABLE 156 CARACOL: DEALS

TABLE 157 CARACOL: OTHERS

#### 12.1.9 WEBER MASCHINENFABRIK

TABLE 158 WEBER MASCHINENFABRIK: COMPANY OVERVIEW

TABLE 159 WEBER MASCHINENFABRIK: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 160 WEBER MASCHINENFABRIK: DEALS

#### 12.1.10 MELTIO3D

TABLE 161 MELTIO3D: COMPANY OVERVIEW

TABLE 162 MELTIO3D: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 163 MELTIO3D: PRODUCT LAUNCHES

TABLE 164 MELTIO3D: DEALS

#### 12.1.11 COMAU

TABLE 165 COMAU: COMPANY OVERVIEW

TABLE 166 COMAU: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 167 COMAU: PRODUCT LAUNCHES

TABLE 168 COMAU: DEALS

### 12.2 OTHER PLAYERS

#### 12.2.1 BAUBOT

#### 12.2.2 MX3D

#### 12.2.3 TWENTE ADDITIVE MANUFACTURING

#### 12.2.4 DOBOT

#### 12.2.5 BLOOM ROBOTICS

#### 12.2.6 DYZE DESIGN

#### 12.2.7 REV3RD S.R.L.

#### 12.2.8 3D MINERALS

#### 12.2.9 ORBITAL COMPOSITES INC.

#### 12.2.10 ADAXIS SAS

#### 12.2.11 AI BUILD LTD.

#### 12.2.12 OCTOPUZ

12.2.13 HYPERION ROBOTICS

12.2.14 HYPERTHERM, INC.

12.2.15 INGERSOLL MACHINE TOOLS, INC.

\*Details on Business Overview, Products/Solutions/Services Offered, Recent Developments, MnM view (Key strengths/Right to win, Strategic choices made, Weakness/competitive threats)\* might not be captured in case of unlisted companies.

## **13 APPENDIX**

13.1 INSIGHTS FROM INDUSTRY EXPERTS

13.2 DISCUSSION GUIDE

13.3 KNOWLEDGESTORE: MARKETSandMARKETS' SUBSCRIPTION PORTAL

13.4 CUSTOMIZATION OPTIONS

13.5 RELATED REPORTS

13.6 AUTHOR DETAILS

## I would like to order

Product name: 3D Printing Robot Market by Component (Robot Arms, 3D Printing Heads, Software), Robot Type (Articulated Robots, Cartesian Robots, SCARA Robots, Polar Robots, Delta Robots), Application, End-user Industry and Region - Global Forecast to 2028

Product link: <https://marketpublishers.com/r/3DDB8BA2D08EEN.html>

Price: US\$ 4,950.00 (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/3DDB8BA2D08EEN.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