

Europe Construction & Demolition Robots Market 2017-2027 by Product Type (Traditional Robots, Robotic ARMs, Exoskeletons), Automation Degree (Semi-Autonomous, Fully Autonomous), Robot Function (Demolition, Bricklaying, Concrete Structural Erection, 3D Printing, Others), Application (Public Infrastructure, Commercial and Residential Buildings, Nuclear Dismantling and Demolition, Others), and Country: Growth Opportunity and Business Strategy

https://marketpublishers.com/r/E5A92EAAC95DEN.html

Date: October 2021

Pages: 128

Price: US\$ 2,295.00 (Single User License)

ID: E5A92EAAC95DEN

## **Abstracts**

Europe construction & demolition robots market was valued at \$56.6 million in 2020 and will grow by 10.1% annually over 2020-2027 owing to the rising number of construction projects, increasing adoption of automation and robotics, and technological advancements.

Highlighted with 48 tables and 43 figures, this 128-page report "Europe Construction & Demolition Robots Market 2017-2027 by Product Type (Traditional Robots, Robotic ARMs, Exoskeletons), Automation Degree (Semi-Autonomous, Fully Autonomous), Robot Function (Demolition, Bricklaying, Concrete Structural Erection, 3D Printing, Others), Application (Public Infrastructure, Commercial and Residential Buildings, Nuclear Dismantling and Demolition, Others), and Country: Growth Opportunity and Business Strategy" is based on a comprehensive research of the entire Europe construction & demolition robots 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 2017-2019 and



provides estimate for 2020 and forecast from 2021 till 2027 with 2019 as the base year (Year 2020 is not appropriate for research base due to the outbreak of COVID-19).

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 Europe market is forecast in optimistic, balanced, and conservative view by taking into account of COVID-19. The balanced (most likely) projection is used to quantify Europe construction & demolition robots market in every aspect of the classification from perspectives of Product Type, Automation Degree, Robot Function, Application, and Country.

Based on Product Type, the Europe market is segmented into the following sub-markets with annual revenue (\$ mn) for 2017-2027 included in each section.

**Traditional Robots** 

Robotic ARMs

**Exoskeletons** 

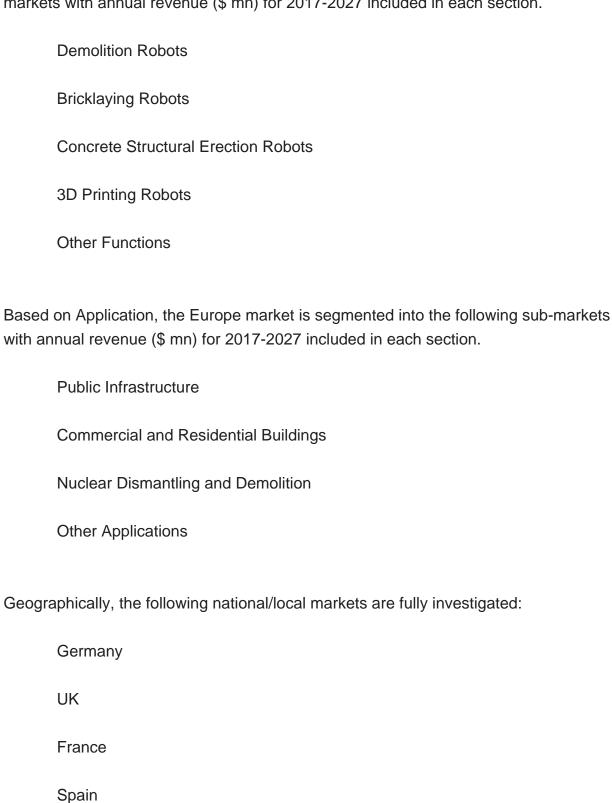
Based on Automation Degree, the Europe market is segmented into the following submarkets with annual revenue (\$ mn) for 2017-2027 included in each section.

Semi-Autonomous Robots



# Fully Autonomous Robots

Based on Robot Function, the Europe market is	s segmented into the following sub-
markets with annual revenue (\$ mn) for 2017-20	027 included in each section.





Italy Russia Rest of Europe (further segmented into Netherlands, Switzerland, Poland, Sweden, Belgium, Austria, Ireland, Norway, Denmark, and Finland) For each key country, detailed analysis and data for annual revenue (\$ mn) are available for 2017-2027. The breakdown of key national markets by Product Type, Automation Degree, and Robot Function 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. Key Players (this may not be a complete list and extra companies can be added upon request): **Advanced Construction Robotics** Apis Cor Autonomous Solutions, Inc. Brokk AB Conjet AB Construction Robotics, LLC Cyberdyne, Inc. Ekso Bionics Fastbrick Robotics Limited

Husqvarna Group

**Fujita Corporation** 



Komatsu Limited
Lifco AB
MX3D
nLink AS
Sarcos Corporation
TopTec Spezialmaschinen GmbH
Yingchuang Building Technique Co.
U.S. Bionics, Inc. (suitX)
(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
- 2.2 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 EUROPE MARKET BY PRODUCT TYPE

- 3.1 Market Overview by Product Type
- 3.2 Traditional Robots
- 3.3 Robotic ARMs
- 3.4 Exoskeletons

# 4 SEGMENTATION OF EUROPE MARKET BY AUTOMATION DEGREE

- 4.1 Market Overview by Automation Degree
- 4.2 Semi-Autonomous Robots
- 4.3 Fully Autonomous Robots



#### **5 SEGMENTATION OF EUROPE MARKET BY ROBOT FUNCTION**

- 5.1 Market Overview by Robot Function
- 5.2 Demolition Robots
- 5.3 Bricklaying Robots
- 5.4 Concrete Structural Erection Robots
- 5.5 3D Printing Robots
- 5.6 Other Functions

## **6 SEGMENTATION OF EUROPE MARKET BY APPLICATION**

- 6.1 Market Overview by Application
- 6.2 Public Infrastructure
- 6.3 Commercial and Residential Buildings
- 6.4 Nuclear Dismantling and Demolition
- 6.5 Other Applications

#### **7 EUROPEAN MARKET 2020-2027 BY COUNTRY**

- 7.1 Overview of European Market
- 7.2 UK
- 7.3 France
- 7.4 Germany
- 7.5 Spain
- 7.6 Italy
- 7.7 Russia
- 7.8 Rest of European Market

### **8 COMPETITIVE LANDSCAPE**

- 8.1 Overview of Key Vendors
- 8.2 New Product Launch, Partnership, Investment, and M&A
- 8.3 Company Profiles

**Advanced Construction Robotics** 

Apis Cor

Autonomous Solutions, Inc.

**Brokk AB** 

Conjet AB



Construction Robotics, LLC

Cyberdyne, Inc.

**Ekso Bionics** 

Fastbrick Robotics Limited

**Fujita Corporation** 

Husqvarna Group

Komatsu Limited

Lifco AB

MX3D

nLink AS

**Sarcos Corporation** 

TopTec Spezialmaschinen GmbH

Yingchuang Building Technique Co.

U.S. Bionics, Inc. (suitX)

## 9 INVESTING IN EUROPE MARKET: RISK ASSESSMENT AND MANAGEMENT

9.1 Risk Evaluation of Europe Market

9.2 Critical Success Factors (CSFs)

**RELATED REPORTS** 



# **List Of Tables**

#### **LIST OF TABLES:**

Table 1. Snapshot of Europe Construction & Demolition Robots Market in Balanced Perspective, 2020-2027

Table 2. Growth Rate of World GDP, 2020-2022

Table 3. Main Product Trends and Market Opportunities in Europe Construction & Demolition Robots Market

Table 4. Europe Construction & Demolition Robots Market by Product Type, 2017-2027, \$ mn

Table 5. Europe Construction & Demolition Robots Market by Automation Degree, 2017-2027, \$ mn

Table 6. Europe Construction & Demolition Robots Market by Robot Function, 2017-2027, \$ mn

Table 7. Europe Construction & Demolition Robots Market by Application, 2017-2027, \$ mn

Table 8. Europe Construction & Demolition Robots Market by Country, 2017-2027, \$ mn Table 9. UK Construction & Demolition Robots Market by Product Type, 2017-2027, \$ mn

Table 10. UK Construction & Demolition Robots Market by Automation Degree, 2017-2027, \$ mn

Table 11. UK Construction & Demolition Robots Market by Robot Function, 2017-2027, \$ mn

Table 12. France Construction & Demolition Robots Market by Product Type, 2017-2027, \$ mn

Table 13. France Construction & Demolition Robots Market by Automation Degree, 2017-2027, \$ mn

Table 14. France Construction & Demolition Robots Market by Robot Function, 2017-2027, \$ mn

Table 15. Germany Construction & Demolition Robots Market by Product Type, 2017-2027, \$ mn

Table 16. Germany Construction & Demolition Robots Market by Automation Degree, 2017-2027, \$ mn

Table 17. Germany Construction & Demolition Robots Market by Robot Function, 2017-2027, \$ mn

Table 18. Spain Construction & Demolition Robots Market by Product Type, 2017-2027, \$ mn

Table 19. Spain Construction & Demolition Robots Market by Automation Degree,



2017-2027, \$ mn

Table 20. Spain Construction & Demolition Robots Market by Robot Function, 2017-2027, \$ mn

Table 21. Italy Construction & Demolition Robots Market by Product Type, 2017-2027, \$ mn

Table 22. Italy Construction & Demolition Robots Market by Automation Degree, 2017-2027, \$ mn

Table 23. Italy Construction & Demolition Robots Market by Robot Function, 2017-2027, \$ mn

Table 24. Russia Construction & Demolition Robots Market by Product Type, 2017-2027, \$ mn

Table 25. Russia Construction & Demolition Robots Market by Automation Degree, 2017-2027, \$ mn

Table 26. Russia Construction & Demolition Robots Market by Robot Function, 2017-2027, \$ mn

Table 27. Construction & Demolition Robots Market in Rest of Europe by Country, 2017-2027, \$ mn

Table 28. Advanced Construction Robotics: Company Snapshot

Table 29. Brokk AB: Company Snapshot

Table 30. Brokk AB: Business Category

Table 31. Brokk AB: Revenue by Geography

Table 32. Brokk AB: Product Portfolio

Table 33. Construction Robotics, LLC: Company Snapshot

Table 34. Ekso Bionics: Company Snapshot

Table 35. Ekso Bionics: Business Segments

Table 36. Ekso Bionics: Product Portfolio of C&D Robots

Table 37. Fastbrick Robotics Limited: Company Snapshot

Table 38. Husqvarna Group: Company Snapshot

Table 39. Husqvarna Group: Business Category

Table 40. Husqvarna Group: Revenue by Geography

Table 41. Komatsu Limited: Company Snapshot

Table 42. Komatsu Limited: Business Category

Table 43. Komatsu Limited: Revenue by Geography

Table 44. Komatsu Limited: Product Portfolio

Table 45. TopTec Spezialmaschinen GmbH: Company Snapshot

Table 46. TopTec Spezialmaschinen GmbH: Product Portfolio of C&D Robots

Table 47. Risk Evaluation for Investing in Europe Market, 2020-2027

Table 48. Critical Success Factors and Key Takeaways



# **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. Europe Market Forecast in Optimistic, Conservative and Balanced Perspectives, 2020-2027

Figure 4. Europe Construction & Demolition Robots Market by Demand Value, 2017-2027, \$ mn

Figure 5. Europe Construction & Demolition Robots Market by Demand Volume, 2017-2027, units

Figure 6. Impact of COVID-19 on Business

Figure 7. Primary Drivers and Impact Factors of Europe Construction & Demolition **Robots Market** 

Figure 8. Primary Restraints and Impact Factors of Europe Construction & Demolition **Robots Market** 

Figure 9. Investment Opportunity Analysis

Figure 10. Porter's Fiver Forces Analysis of Europe Construction & Demolition Robots Market

Figure 11. Breakdown of Europe Construction & Demolition Robots Market by Product Type, 2020-2027, % of Revenue

Figure 12. Contribution to Europe 2021-2027 Cumulative Market by Product Type, Value (\$ mn) and Share (%)

Figure 13. Europe Construction & Demolition Robots Market by Product Type:

Traditional Robots, 2017-2027, \$ mn

Figure 14. Europe Construction & Demolition Robots Market by Product Type: Robotic ARMs, 2017-2027, \$ mn

Figure 15. Europe Construction & Demolition Robots Market by Product Type:

Exoskeletons, 2017-2027, \$ mn

Figure 16. Breakdown of Europe Construction & Demolition Robots Market by Automation Degree, 2020-2027, % of Revenue

Figure 17. Contribution to Europe 2021-2027 Cumulative Market by Automation Degree, Value (\$ mn) and Share (%)

Figure 18. Europe Construction & Demolition Robots Market by Automation Degree: Semi-Autonomous Robots, 2017-2027, \$ mn

Figure 19. Europe Construction & Demolition Robots Market by Automation Degree:

Fully Autonomous Robots, 2017-2027, \$ mn

Figure 20. Breakdown of Europe Construction & Demolition Robots Market by Robot



Function, 2020-2027, % of Revenue

Figure 21. Contribution to Europe 2021-2027 Cumulative Market by Robot Function, Value (\$ mn) and Share (%)

Figure 22. Europe Construction & Demolition Robots Market by Robot Function:

Demolition Robots, 2017-2027, \$ mn

Figure 23. Europe Construction & Demolition Robots Market by Robot Function:

Bricklaying Robots, 2017-2027, \$ mn

Figure 24. Europe Construction & Demolition Robots Market by Robot Function:

Concrete Structural Erection Robots, 2017-2027, \$ mn

Figure 25. Europe Construction & Demolition Robots Market by Robot Function: 3D Printing Robots, 2017-2027, \$ mn

Figure 26. Europe Construction & Demolition Robots Market by Robot Function: Other Functions, 2017-2027, \$ mn

Figure 27. Breakdown of Europe Construction & Demolition Robots Market by Application, 2020-2027, % of Revenue

Figure 28. Contribution to Europe 2021-2027 Cumulative Market by Application, Value (\$ mn) and Share (%)

Figure 29. Europe Construction & Demolition Robots Market by Application: Public Infrastructure, 2017-2027, \$ mn

Figure 30. Europe Construction & Demolition Robots Market by Application:

Commercial and Residential Buildings, 2017-2027, \$ mn

Figure 31. Europe Construction & Demolition Robots Market by Application: Nuclear Dismantling and Demolition, 2017-2027, \$ mn

Figure 32. Europe Construction & Demolition Robots Market by Application: Other Applications, 2017-2027, \$ mn

Figure 33. Breakdown of European Construction & Demolition Robots Market by Country, 2020 and 2027, % of Revenue

Figure 34. Contribution to Europe 2021-2027 Cumulative Market by Country, Value (\$mn) and Share (%)

Figure 35. Construction & Demolition Robots Market in UK, 2017-2027, \$ mn

Figure 36. Construction & Demolition Robots Market in France, 2017-2027, \$ mn

Figure 37. Construction & Demolition Robots Market in Germany, 2017-2027, \$ mn

Figure 38. Construction & Demolition Robots Market in Spain, 2017-2027, \$ mn

Figure 39. Construction & Demolition Robots Market in Italy, 2017-2027, \$ mn

Figure 40. Construction & Demolition Robots Market in Russia, 2017-2027, \$ mn

Figure 41. Construction & Demolition Robots Market in Rest of Europe, 2017-2027, \$ mn

Figure 42. Growth Stage of Europe Construction & Demolition Robots Industry over the Forecast Period



Figure 43. ASI Skid Steer with Cab in Vineyard



## I would like to order

Product name: Europe Construction & Demolition Robots Market 2017-2027 by Product Type (Traditional

Robots, Robotic ARMs, Exoskeletons), Automation Degree (Semi-Autonomous, Fully Autonomous), Robot Function (Demolition, Bricklaying, Concrete Structural Erection, 3D Printing, Others), Application (Public Infrastructure, Commercial and Residential Buildings, Nuclear Dismantling and Demolition, Others), and Country: Growth Opportunity

and Business Strategy

Product link: https://marketpublishers.com/r/E5A92EAAC95DEN.html

Price: US\$ 2,295.00 (Single User License / Electronic Delivery)

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

Service:

info@marketpublishers.com

# **Payment**

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <a href="https://marketpublishers.com/r/E5A92EAAC95DEN.html">https://marketpublishers.com/r/E5A92EAAC95DEN.html</a>

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 <a href="https://marketpublishers.com/docs/terms.html">https://marketpublishers.com/docs/terms.html</a>

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