

# Robotics Technology in Construction Industry: Asia-Pacific Market by Product Type, Robot Function, Application Vertical and Country 2014-2025

<https://marketpublishers.com/r/R20D3AE2BFDEN.html>

Date: May 2019

Pages: 140

Price: US\$ 2,431.00 (Single User License)

ID: R20D3AE2BFDEN

## Abstracts

Asia-Pacific robotics technology market in construction industry is expected to grow at a 2019-2025 CAGR of 18.42% and remain the second largest regional market driven by a fast adoption of all types of construction robotics across the region.

Highlighted with 18 tables and 37 figures, this 140-page report “Robotics Technology in Construction Industry: Asia-Pacific Market by Product Type, Robot Function, Application Vertical and Country 2014-2025” is based on a comprehensive research of APAC robotics technology market in construction industry by analyzing the entire regional market and 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 provides historical market data for 2014-2017, revenue estimates for 2018, and forecasts from 2019 till 2025. (Please note: Before delivery, the report will be updated so that the latest historical year is the base year and the forecast covers the next 5-10 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 APAC market is forecast in optimistic, balanced, and conservative view. The balanced (most likely) projection is used to quantify APAC robotics technology market in construction industry in every aspect of the classification from perspectives of Product Type, Robot Function, Application Vertical and Country.

Based on product type, the APAC market is segmented into the following sub-markets with annual revenue for 2014-2025 (historical and forecast) included in each section.

UAVs

Traditional Robots

Robotic ARMs

Exoskeletons

On basis of robot function, the APAC market is analyzed on the following segments with annual revenue for 2014-2025 (historical and forecast) included in each segment.

Inspection and Surveillance Robotics

Demolition Robots

Bricklaying Robots

Concrete Structural Erection Robots

3D Printing Robots

Others

On basis of application, the APAC market is analyzed on the following segments with

annual revenue for 2014-2025 (historical and forecast) provided in each section.

Public Infrastructure

Commercial and Residential Buildings

Nuclear Dismantling and Demolition

Others

Geographically, the following national markets are fully investigated:

Japan

China

Australia

India

South Korea

Rest of APAC

For each of the aforementioned countries, detailed analysis and data for annual revenue are available for 2014-2025. The breakdown of key national markets by product type and robot function over the forecast years are also included.

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

Specifically, potential risks associated with investing in APAC robotics technology market for construction industry are assayed quantitatively and qualitatively through GMD's Risk Assessment System. According to the risk analysis and evaluation, Critical Success Factors (CSFs) are generated as a guidance to help investors & stockholders identify emerging opportunities, manage and minimize the risks, develop appropriate

business models, and make wise strategies and decisions.

Key Players:

3D Robotics Inc

Advanced Construction Robotics

AeroVironment, Inc.

Aibotix GmbH

Apis Cor

Autonomous Solutions, Inc.

Brokk AB

Conjet AB

Construction Robotics, LLC

Cyberdyne, Inc.

Dajiang Innovation Technology Inc. (DJI)

Eagle UAV Services

Ekso Bionics

Fastbrick Robotics Limited

Fujita Corporation

Husqvarna Group

Komatsu Limited

Lifco AB

MX3D

nLink Construction Robotics

Sarcos Corporation

senseFly/Parrot

TopTec Spezialmaschinen GmbH

Trimble Navigation Ltd.

Yingchuang Building Technique Co.

U.S. Bionics, Inc. (suitX)

(Please note: Before delivery, the report will be updated so that the latest historical year is the base year and the forecast covers the next 5-10 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 QUALITATIVE ANALYSIS**

- 2.1 Market Size and Forecast
- 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 APAC MARKET BY PRODUCT TYPE**

- 3.1 Market Overview by Product Type
- 3.2 APAC Drones Market for Construction Industry 2014-2025
- 3.3 APAC Traditional Construction Robots Market 2014-2025
- 3.4 APAC Robotic ARMs Market in Construction Industry 2014-2025
- 3.5 APAC Exoskeletons Market in Construction Industry 2014-2025

### **4 SEGMENTATION OF APAC MARKET BY ROBOT FUNCTION**

- 4.1 Market Overview by Robot Function
- 4.2 APAC Inspection and Surveillance Robotics Market in Construction Industry 2014-2025
- 4.3 APAC Demolition Robots Market 2014-2025

- 4.4 APAC Bricklaying Robots Market 2014-2025
- 4.5 APAC Concrete Structural Erection Robots Market 2014-2025
- 4.6 APAC 3D Printing Construction Robots Market 2014-2025
- 4.7 APAC Market of Other Construction Robotics 2014-2025

## **5 SEGMENTATION OF APAC MARKET BY APPLICATION VERTICAL**

- 5.1 Market Overview by Application Vertical
- 5.2 APAC Construction Robots Market for Public Infrastructure 2014-2025
- 5.3 APAC Construction Robots Market for Commercial and Residential Buildings 2014-2025
- 5.4 APAC Construction Robots Market for Nuclear Dismantling and Demolition 2014-2025
- 5.5 APAC Construction Robots Market for Other Applications 2014-2025

## **6 ASIA-PACIFIC MARKET 2014-2025 BY COUNTRY**

- 6.1 Overview of Asia-Pacific Market
- 6.2 Japan
- 6.3 China
- 6.4 India
- 6.5 Australia
- 6.6 South Korea
- 6.7 Rest of APAC Region

## **7 COMPETITIVE LANDSCAPE**

- 7.1 Overview of Key Vendors
- 7.2 Company Profiles

## **8 INVESTING IN APAC MARKET: RISK ASSESSMENT AND MANAGEMENT**

- 8.1 Risk Evaluation of APAC Market
- 8.2 Critical Success Factors (CSFs)

### **RELATED REPORTS AND PRODUCTS**

## List Of Tables

### LIST OF TABLES:

Table 1. Snapshot of APAC Construction Robotics Market, 2017-2025

Table 2. Main Product Trends and Market Opportunities in APAC Construction Robotics Market

Table 3. APAC Construction Robotics Market by Product Type, 2014-2025, \$ mn

Table 4. APAC Construction Robotics Market by Robot Function, 2014-2025, \$ mn

Table 5. APAC Construction Robotics Market by Application Vertical, 2014-2025, \$ mn

Table 6. APAC Construction Robotics Market by Country, 2014-2025, \$ mn

Table 7. Japan Construction Robotics Market by Product Type, 2014-2025, \$ mn

Table 8. Japan Construction Robotics Market by Robot Function, 2014-2025, \$ mn

Table 9. China Construction Robotics Market by Product Type, 2014-2025, \$ mn

Table 10. China Construction Robotics Market by Robot Function, 2014-2025, \$ mn

Table 11. India Construction Robotics Market by Product Type, 2014-2025, \$ mn

Table 12. India Construction Robotics Market by Robot Function, 2014-2025, \$ mn

Table 13. Australia Construction Robotics Market by Product Type, 2014-2025, \$ mn

Table 14. Australia Construction Robotics Market by Robot Function, 2014-2025, \$ mn

Table 15. South Korea Construction Robotics Market by Product Type, 2014-2025, \$ mn

Table 16. South Korea Construction Robotics Market by Robot Function, 2014-2025, \$ mn

Table 17. Risk Evaluation for Investing in APAC Market, 2017-2025

Table 18. 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. APAC Market Forecast in Optimistic, Conservative and Balanced Perspectives, 2017-2025

Figure 4. APAC Robotics Technology Market in Construction Industry by Revenue, 2014-2025, \$ mn

Figure 5. Primary Drivers and Impact Factors of APAC Construction Robotics Market

Figure 6. Primary Restraints and Impact Factors of APAC Construction Robotics Market

Figure 7. Porter's Fiver Forces Analysis of APAC Construction Robotics Market

Figure 8. Breakdown of APAC Construction Robotics Market by Product Type, 2017-2025, % of Revenue

Figure 9. Contribution to APAC 2018-2025 Cumulative Revenue by Product Type, Value (\$ mn) and Share (%)

Figure 10. APAC UAVs Market for Construction Industry, 2014-2025, \$ mn

Figure 11. APAC Traditional Construction Robots Market, 2014-2025, \$ mn

Figure 12. APAC Robotic ARMs Market in Construction Industry, 2014-2025, \$ mn

Figure 13. APAC Exoskeletons Market in Construction Industry, 2014-2025, \$ mn

Figure 14. Breakdown of APAC Construction Robotics Market by Robot Function, 2017-2025, % of Revenue

Figure 15. Contribution to APAC 2018-2025 Cumulative Revenue by Robot Function, Value (\$ mn) and Share (%)

Figure 16. APAC Inspection and Surveillance Robotics Market in Construction Industry, 2014-2025, \$ mn

Figure 17. APAC Demolition Robots Market, 2014-2025, \$ mn

Figure 18. APAC Bricklaying Robots Market, 2014-2025, \$ mn

Figure 19. APAC Concrete Structural Erection Robots Market, 2014-2025, \$ mn

Figure 20. APAC 3D Printing Construction Robots Market, 2014-2025, \$ mn

Figure 21. APAC Market of Other Construction Robotics, 2014-2025, \$ mn

Figure 22. Breakdown of APAC Construction Robotics Market by Application Vertical, 2017-2025, % of Revenue

Figure 23. Contribution to APAC 2018-2025 Cumulative Revenue by Application Vertical, Value (\$ mn) and Share (%)

Figure 24. APAC Construction Robots Market for Public Infrastructure, 2014-2025, \$ mn

Figure 25. APAC Construction Robots Market for Commercial and Residential Buildings, 2014-2025, \$ mn

Figure 26. APAC Construction Robots Market for Nuclear Dismantling and Demolition, 2014-2025, \$ mn

Figure 27. APAC Construction Robots Market for Other Applications, 2014-2025, \$ mn

Figure 28. Breakdown of APAC Construction Robotics Market by Country, 2017 and 2025, % of Revenue

Figure 29. Contribution to APAC 2018-2025 Cumulative Revenue by Country, Value (\$ mn) and Share (%)

Figure 30. Construction Robotics Market in Japan by Revenue, 2014-2025, \$ mn

Figure 31. Construction Robotics Market in China by Revenue, 2014-2025, \$ mn

Figure 32. Construction Robotics Market in India by Revenue, 2014-2025, \$ mn

Figure 33. Construction Robotics Market in Australia by Revenue, 2014-2025, \$ mn

Figure 34. Construction Robotics Market in South Korea by Revenue, 2014-2025, \$ mn

Figure 35. Construction Robotics Market in Rest of APAC by Revenue, 2014-2025, \$ mn

Figure 36. Growth Stage of APAC Construction Robotics Industry over the Forecast Period

Figure 37. ASI Skid Steer with Cab in Vineyard

## I would like to order

Product name: Robotics Technology in Construction Industry: Asia-Pacific Market by Product Type, Robot Function, Application Vertical and Country 2014-2025

Product link: <https://marketpublishers.com/r/R20D3AE2BFDEN.html>

Price: US\$ 2,431.00 (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/R20D3AE2BFDEN.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

