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

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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

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MX3D

nLink Construction Robotics

Sarcos Corporation

senseFly/Parrot

TopTec Spezialmaschinen GmbH

Trimble Navigation Ltd.

Yingchuang Building Technique Co.

U.S. Bionics, Inc. (suitX)

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