

Global Construction Robots Market 2016 to 2020

Wiseguyreports.com research analyst predicts construction robots will exhibit steady growth during the forecast period to CAGR of over 5% by 2020.

PUNE, INDIA, April 8, 2016 /EINPresswire.com/ -- This global market research report presents a detailed segmentation of the global [construction robots market](#) by application (heavy/civil construction, building construction, nuclear dismantling and demolition, and others) and by geography (the Americas, APAC, and EMEA). The leading vendors analyzed in this market study are Brokk, Fujita, and ULC Robotics.

Outlook of the global construction robots market

The global market for construction robots will exhibit steady growth during the forecast period and will post an impressive CAGR of over 5% by 2020. The prospects for growth in this market are heavily dependent on the amount of construction activities taking place around the globe. It has been observed that due to rapid urbanization, there has been an increase in the construction of mega structures and high-quality infrastructure in emerging markets. This increase in the construction of mega structures and high-quality infrastructure will necessitate the use of construction robots as the world is now facing a shortage of skilled workers. Furthermore, with the expansion of multiple robotic start-ups across different countries, the market for construction robots will exhibit a promising growth rate over the next four years.

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According to market research analyst, an important factor impelling growth in the global construction robots market is the recent rise in 3D printing of buildings. 3D printing, or additive



manufacturing, is a process of creating 3D objects from digital files by adding multiple super-thin horizontal layers. In this method, the printer extrudes material through a nozzle to produce a seamless integration of layers. In the construction sector, robots are utilized to print large 3D building blocks, which can then be assembled within a short span of time to complete a house or facade. At present, companies like Skanska, and integrated design practitioners, Fosters & Partners, have started collaborating with each other to build commercial 3D concrete printing robots, which can print complex structural components with concrete. Since 3D printing technology offers customizable, cheaper, rapidly-assembled, and zero-waste products to end users, its demand among end users in the construction sector will increase significantly during the next few years.

Segmentation by application and analysis of the construction robots market

- Heavy/civil construction
- Building construction
- Nuclear dismantling and demolition
- Others (road and tunnel construction)

The heavy/civil construction segment currently dominates this market and is anticipated to retain its hold over the market until 2020 owing to the extensive use of robots for a wide array of construction-related activities. The ability of construction robots to aid end users in activities like earth moving, heavy drilling, and forepoling will result in the strong growth of this market segment during the predicted period. Comprehensive market research carried out by the analysts has shown that the heavy/civil construction segment will account for a market share of nearly 67% by 2020.

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Geographical segmentation and analysis of the construction robots market

- Americas
- APAC
- EMEA

In this market study report, analysts have estimated the APAC region to account for a market share of more than 68% by 2020. Among all the countries in APAC, Japan is a pioneer in the application of robots as it had started automating construction activities since the 1980s. Due to a shortage of skilled labor and decreased productivity, the need for construction robots in this region has increased immensely.

Competitive landscape and key vendors

The global construction robots market is extremely fragmented owing to the presence of several robotic vendors. The vendors that have access to large research budgets and substantial in-house staffs will be successful in transferring results from the research laboratory to the

construction site.

Leading vendors in the market are -

- Brokk
- Fujita
- ULC Robotics

Other prominent vendors analyzed in this market research report are Construction robotics, Hanool robotics, Skanska, Taisei, and Shimizu.

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