

Global Articulated Robots Market Size study & Forecast, by Function (Handling, Welding, Dispensing, Assembly, Processing, Others), by Industry (Automotive, Electrical & Electronics, Metals, Machinery, Food & Beverages) and Regional Analysis, 2022-2029

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Abstracts

Global Articulated Robots Market is valued at approximately USD 14.9 billion in 2021 and is anticipated to grow with a healthy growth rate of more than 16.3% over the forecast period 2022-2029. A robot is a machine that may be built and configured to do various tasks on behalf of humans and produce detailed outputs for long-term processes. Articulated robots can be used in various applications such as welding, assembling, material handling, sealing, picking, spraying, painting, and cutting. The rising demand for industrial robots is anticipated to increase the Articulated Robots market's growth over the forecast period of 2022-2029.

According to "The International Federation of Robotics" The installation of industrial robots reached approximately 4.35 million in 2021 units and is projected to reach 5.18 million units in 2024. Thus, the growing demand for industrial robots will likely drive market growth. also, the high adoption of technology in articulated robots to improve manufacturing processes is the primary factor inhibiting the expansion of this industry. For instance, In January 2022, HASCO, China's most prominent automotive and ABB, an automation specialist and components supplier, announced a joint venture to push China's automotive industry's next generation of smart production. Moreover, Articulated Robots help to reduce operation cost & manufacturing cost and increase in funding for research and development is anticipated to create a positive outlook for the market. The high installation cost of Articulated robots is the major factor restraining the

growth of the Articulated Robots Market during the forecast period.

The key regions considered for the Articulated Robots Market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. North America dominated the market in terms of market share owing to the growth of automation. North America has relied on new technologies and innovations to generate higher-quality products at faster speeds and lower costs. Whereas Asia-Pacific is also anticipated to exhibit the highest growth rate / CAGR over the forecast period 2022-2029. Factors such as low manufacturing costs and the government's push for foreign direct investments are expected to sustain its dominance throughout the Articulated Robots market during the forecast period.

Major market player included in this report are:

staubli International AG

Toshiba Machine Co., Ltd.

Yamaha Motor Co., Ltd.

Yaskawa Motoman

ABB Group

Acmi Spa

Aurotek Corporation

Denso Corporation

Kawasaki Heavy Industries Ltd.

Cma Robotics SpA

Recent Developments in the Market:

? In Jan 2020, Staubli International AG partnered with Sepro Group to manufacture a 3-axis Success 5 unit and Model 6X-60 6-axis robot at Swiss Plastics Expo 2020. It is manufactured to provide injection-molding machines with up to 100 tons of clamp with an operating radius of up to 920 mm and maximum payload capacity of 9 kg.

? In July 2020, ABB Limited launched a 3D quality inspection (3DQI) robot cell capable enough to detect defects of less than half width of a human hair and imperceptible to the naked eye.

Global Articulated Robots Market Report Scope:

Historical Data 2019-2020-2021

Base Year for Estimation 2021

Forecast period 2022-2029

Report Coverage Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered Function, Industry, Region

Regional Scope North America; Europe; Asia Pacific; Latin America; Rest of the World
Customization Scope Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Function:

- Handling
- Welding
- Dispensing
- Assembly
- Processing
- Others

By Industry:

- Automotive
- Electrical & Electronics
- Metals
- Machinery
- Food & Beverages

By Region:

- North America
- U.S.
- Canada
- Europe
- UK
- Germany
- France
- Spain

Italy
ROE
Asia Pacific
China
India
Japan
Australia
South Korea
RoAPAC
Latin America
Brazil
Mexico
Rest of the World

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