

Cartesian Robot Market Projected to Reach US\$ 15,007.9 Mn by 2027 With a CAGR of 11.9%

Cartesian Robot Market to 2027 - Global Analysis and Forecasts By Axis Type, Industry Verticals and Top Players

PUNE, INDIA, January 23, 2020 /EINPresswire.com/ -- Increase in use of the cartesian robot in consumer electrical and electronics industry is projected to escalate the [cartesian robot market](#) at a CAGR of 11.9%

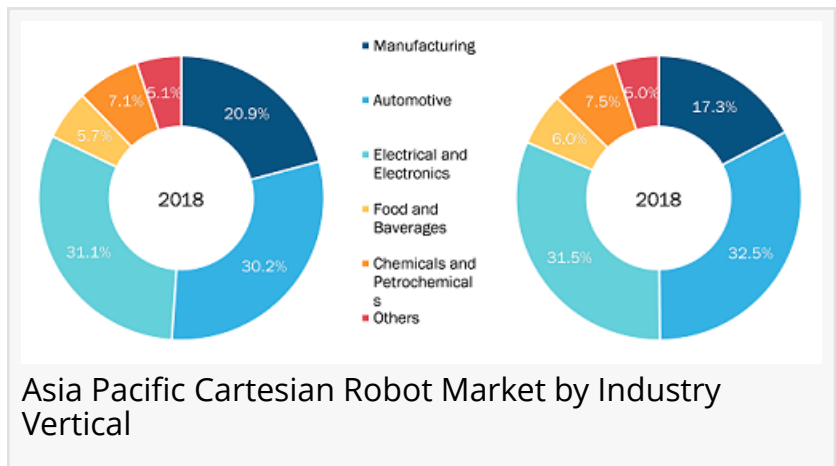
Latest market study on “Global cartesian robot Market to 2027 – Analysis and Forecasts by Axis Type (1-Axis, 2-Axis, 3-Axis, 4-Axis); Industry Verticals (Manufacturing, Automotive, Electrical and Electronics, Food and Beverages, Chemicals and Petrochemicals, Others), The global cartesian robot market is accounted to US\$ 5,840.3 Mn in 2018 and is expected to grow at a CAGR of 11.9% during the forecast period 2019 – 2027, to account to US\$ 15,007.9 Mn by 2027. The report includes key understanding of the driving factors of this growth and also highlights the prominent players in the market and their developments.

The Cartesian robot market operates in a highly-competitive marketplace. As leading companies in this market continue to broaden its addressable market, by expanding its current product portfolio, diversifying its client base, and developing new applications and markets, all the prominent players face an increasing level of competition, both from regional players as well as the leading global companies across the world. Companies such as ABB, KUKA AG, Epson, Fanuc, and Yamaha Motor are aggressively investing in next-generation robotics technology.

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The List Companies

1. ABB Ltd
2. Aerotech inc.
3. Akribis Systems
4. Bosch Rexroth AG
5. Denso Wave Incorporated
6. Epson America, Inc.
7. Gudel Group AG
8. Kuka AG
9. MKS Instruments
10. Suruga Seiki Co., Ltd.
11. Toshiba Machine Co., Ltd.



12. Yamaha Motor Co., Ltd.

The electrical & electronics industry is characterized by a high amount of fragility and requires the highest levels of precisions during the manufacturing process. Cut-throat competition in consumer electronics has driven manufacturers to produce the highest quality equipment with lower errors and minimal losses. Volatile consumer electronics markets and dynamic changing demands from consumers have left little or no room for errors for the consumer electronics manufacturers. Therefore, consumer electronics manufacturers look for high precision instruments and processes to be integrated into their manufacturing processes. Further, the rising demand for smartphones, laptops, tablets, smartwatches, and consumer electronic products has intrigued the manufacturing industry to increase its production capacity. According to Moore's law, the size of the Integrated Circuits (IC) is shrinking in every 2 years, thus felicitating the usage of Cartesian robots to work on nanostructures. Creating circuit boards, inserting parts into injection molding, final assembly applications, CNC processes, and metal stamping are among the processes that are likely to be automated by electronics manufacturers. For effective automation, these processes need great flexibility, speed, and precision through a robot system. However, ROI still acts as a hindrance to the market growth in the electronics industry. With the decreasing prices of Cartesian robots, the market is anticipated to gain pace during the coming years.

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Reasons to Buy:

- Highlights key business priorities in order to assist companies to realign their business strategies.
- The key findings and recommendations highlight crucial progressive industry trends in the cartesian robot market, thereby allowing players to develop effective long term strategies.
- Develop/modify business expansion plans by using substantial growth offering developed and emerging markets.
- Scrutinize in-depth global market trends and outlook coupled with the factors driving the market, as well as those hindering it.
- Enhance the decision-making process by understanding the strategies that underpin commercial interest with respect to products, segmentation and industry verticals.

Strategic Insights

Strategic market initiatives such as product news, merger and acquisition, and expansion have positively impacted the growth of the global cartesian robot market. The recent development in the global cartesian robot market is listed below:

2019: Launch of Motion Control Motor for 3-axis Cartesian Robot

2018: ABB Ltd. announced an investment of US\$ 150 Mn in Shanghai, China

2019: Epson Signs Smith Power Systems as Distributor in South Central U.S.

2018: Bosch Rexroth introduced the EcoLift EL 2

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