

Global Collaborative Robots Market 2018 To Reach Valued At \$ 15.2 billion And Grow At A 44.72% Cagr Forecast To 2024

Collaborative Robots – Global Market Demand, Growth, Opportunities, Manufacturers, Analysis of Top Key Players and Forecast to 2024

PUNE, MAHARASHTRA, INDIA, June 19, 2018 /EINPresswire.com/ -- Collaborative Robots Market 2018

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Description:

Global Collaborative Robots Market Outlook Market Overview

Collaborative robots are new generation robots which are used for different application and are capable of accomplishing complex task. Growing demand of industrial automation is increasing the annual supply of collaborative robots. In 2013, more than 65,000 units of industrial robots were supplied in automotive industry. Countries such as China, Japan and Germany are holding largest market share of industrial robots. Due to impressive expansion of collaborative robots in several industries different types of companies are investing in robotic solutions for high productivity and efficiency. For instance, in 2016, Whirlpool and Deco Lighting have invested in collaborative robots for Asian and European robotic industries.

Key industry players of collaborative robots are continuously investing in R&D manufacturing of innovative industrial robots. For instance, APAS is the first collaborative solution robot introduced by Bosch in October 2014. APAS is a certified collaborative robot in assistance system without any further shielding with people. In 2015, YuMi a collaborative robot with flexible hands and camera based robot controller is introduced by ABB Ltd. YuMi is used to improve manufacturing productivity in machinery and electronics industry. Implementation of robots to improve the performance in utilities, automotive and other industries is likely to propel the demand of collaborative robots across the globe.

Market Segmentation

Global collaborative robots market is segmented on following basis:

- Based on Pay Load Capacity
- o Up to 5 Kg
- o Up to 10 Kg
- o Above 10 Kg
- Based on Application
- o Handling Robots
- o Packaging Robots
- o Pick and Place Robots

- o Quality Testing Robots
- o Welding Robots
- o Others(Gluing, Machine Tending) Robots
- Based on End-User
- o Automotive
- o Metal and Machining
- o Furniture and Home Equipment
- o Food and Beverages
- o Electronics & Technology
- o Plastic and Polymers
- o Others (Pharma & Chemistry)
- Based on Geography
- o North America (U.S. & Canada) (Market Size (USD Billion), Growth Analysis (%) and Opportunity Analysis)
- o Latin America (Brazil, Mexico & Rest of Latin America) (Market Size (USD Billion), Growth Analysis (%) and Opportunity Analysis)
- o Europe (The U.K., Germany, France, Italy, Spain, Poland, Sweden & RoE) {Market Size (USD Billion), Growth Analysis (%) and Opportunity Analysis}
- o Asia-Pacific (China, India, Japan, Singapore, South Korea, Australia, New Zealand, Rest of Asia) {Market Size (USD Billion), Growth Analysis (%) and Opportunity Analysis}
- o Middle East & Africa (GCC, South Africa, North Africa, RoMEA) {Market Size (USD Billion), Growth Analysis (%) and Opportunity Analysis}
- o Rest of World (Market Size (USD Billion), Growth Analysis (%) and Opportunity Analysis)

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In 2015, collaborative robots hold nearly 3% of total robots sold in units. Over 22,000 units of collaborative industrial robots were sold in 2016 and the supply is expected to reach over 400 million units by the end of 2024. The ability of machines to work and co-ordinate with humans with safety is fuelling the demand for collaborative robots across the globe. The global collaborative robots market is expected to reach USD 15.2 billion by 2024 from USD 0.79 billion in 2016, growing at a CAGR of 44.72% over the forecast period i.e. 2016 - 2024.

Key Market Players

- Robert Bosch GmbH
- Synopsis
- Business Strategy
- Product Portfolio
- SWOT Analysis
- ABB Ltd.
- KUKA AG
- Universal Robots
- FANUC Corporation

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