

Robotics And Automation Actuators Market Segments, Drivers, Restraints And Trends For 2024-2033

Robotics And Automation Actuators Global Market Report 2024 – Market Size, Trends, And Forecast 2024-2033

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EINPresswire.com/ -- The global [robotics and automation actuators market](#) is projected to expand from \$26.13 billion in 2023 to \$29.86 billion

in 2024, at a robust compound annual

growth rate (CAGR) of 14.2%. This growth trajectory is forecasted to continue, with the market expected to reach \$52.94 billion by 2028, reflecting a CAGR of 15.4%. The growth is driven by advancements in industrial automation, the proliferation of robotics in healthcare and automotive sectors, and the integration of emerging technologies such as IoT and Industry 4.0.



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Surging Industrial Robot Demand Boosts Robotics and Automation Actuators Market

The escalating demand for industrial robots is a primary driver of the robotics and automation actuators market. Industrial robots, designed for autonomous production activities, leverage electric actuators for precise, high-speed motion sequences. Data from the International

Federation of Robotics reveals that the installation of industrial robots reached 4.35 million units in 2021, with a 13% increase from 2020. This number is expected to grow to 5.18 million units by 2024, further fueling the market's expansion.

Explore comprehensive insights into the global robotics and automation actuators market with a detailed sample report:

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Key Players and Market Trends



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Prominent players in the robotics and automation actuators market include SMC Corporation, Rockwell Automation Inc., Curtiss-Wright Corporation, ABB Group, and Tolomatic Inc., among others. These companies are at the forefront of developing advanced actuator technologies. For example, Ewellix introduced a smart electro-mechanical actuator in October 2021, featuring enhanced functions like communication, monitoring, diagnostics, and precise positioning.

Market Segmentation

The robotics and automation actuators market is segmented as follows:

- By Types: Rotary Actuators, Linear Actuators
- By Actuation: Electric, Pneumatic, Hydraulic
- By Applications: Process Automation, Robotics
- By Vertical: Food and Beverages, Power Generation, Chemicals, Paper and Plastics, Pharmaceutical and Healthcare, Automotive, Aerospace and Defense, Electronics and Electrical, Other Verticals
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Geographical Insights: Asia-Pacific Leading the Market

Asia-Pacific was the largest region in the robotics and automation actuators market in 2023 and is anticipated to remain a significant growth driver. The region's rapid industrialization and technological advancements contribute to its leading position. Detailed insights into regional dynamics and market opportunities are available in the comprehensive report.

Access the complete report for an in-depth analysis of the global robotics and automation actuators market: <https://www.thebusinessresearchcompany.com/report/robotics-and-automation-actuators-global-market-report>

[Robotics And Automation Actuators Global Market Report 2024](#) from The Business Research Company covers the following information:

- Market size data for the forecast period: Historical and Future
- Market analysis by region: Asia-Pacific, China, Western Europe, Eastern Europe, North America, USA, South America, Middle East and Africa.
- Market analysis by countries: Australia, Brazil, China, France, Germany, India, Indonesia, Japan, Russia, South Korea, UK, USA.

Trends, opportunities, strategies and so much more.

The Robotics And Automation Actuators Global Market Report 2024 by The Business Research Company is the most comprehensive report that provides insights on robotics and automation actuators market size, robotics and automation actuators market drivers and trends, robotics and automation actuators market major players, robotics and automation actuators competitors' revenues, robotics and automation actuators market positioning, and robotics and automation actuators market growth across geographies. The robotics and automation actuators market report helps you gain in-depth insights into opportunities and strategies. Companies can leverage the data in the report and tap into segments with the highest growth potential.

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The Business Research Company has published over 15000+ reports in 27 industries, spanning 60+ geographies. The reports draw on 1,500,000 datasets, extensive secondary research, and exclusive insights from interviews with industry leaders.

Global Market Model – Market Intelligence Database

The Global Market Model, The Business Research Company's flagship product, is a market intelligence platform covering various macroeconomic indicators and metrics across 60 geographies and 27 industries. The Global Market Model covers multi-layered datasets that help its users assess supply-demand gaps.

Contact Information

The Business Research Company

Europe: +44 207 1930 708

Asia: +91 8897263534

Americas: +1 315 623 0293

Oliver Guirdham

The Business Research Company

+44 20 7193 0708

info@tbrc.info

Visit us on social media:

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