

Robotic and Automation Actuator Market Report: Trends, Forecast and Competitive Analysis to 2030

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Abstracts

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Robotic and Automation Actuator Trends and Forecast

The future of the global robotic and automation actuator market looks promising with opportunities in the oil and gas, chemicals and CPI, water and wastewater, paper and pulp, mining, automotive, and food & beverage sectors. The global robotic and automation actuator market is expected to reach an estimated \$37.4 billion by 2030 with a CAGR of 11.5% from 2024 to 2030. The major drivers for this market are rising number of smart cities and factories, growing demand for eco-friendly and energy-efficient actuators, and increasing use of linear actuators in 3D printing.

A more than 150-page report is developed to help in your business decisions. Sample figures with some insights are shown below.

Robotic and Automation Actuator by Segment

The study includes a forecast for the global robotic and automation actuator by type, actuation, application, end use industry, and region

Robotic and Automation Actuator Market by Type [Shipment Analysis by Value from 2018 to 2030]:

Rotary

Linear

Robotic and Automation Actuator Market by Actuation [Shipment Analysis by Value from 2018 to 2030]:

Electrical

Mechanical

Hydraulic

Pneumatic

Robotic and Automation Actuator Market by Application [Shipment Analysis by Value from 2018 to 2030]:

Robotics

Process Automation

Robotic and Automation Actuator Market by End Use Industry [Shipment Analysis by Value from 2018 to 2030]:

Oil and Gas

Chemicals and CPI

Water and Wastewater

Paper and Pulp

Mining

Automotive

Food and Beverages

Others

Robotic and Automation Actuator Market by Region [Shipment Analysis by Value from 2018 to 2030]:

North America

Europe

Asia Pacific

The Rest of the World

List of Robotic and Automation Actuator Companies

Companies in the market compete on the basis of product quality offered. Major players in this market focus on expanding their manufacturing facilities, R&D investments, infrastructural development, and leverage integration opportunities across the value chain. With these strategies robotic and automation actuator companies cater increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of the robotic and automation actuator companies profiled in this report include-

Rockwell Automation

Altra Industrial Motion

Curtiss-Wright

SMC

Flowserve

ABB

MISUMI

Moog

IMI

Crane

Robotic and Automation Actuator Market Insights

Lucintel forecast that robotic is expected to witness highest growth over the forecast period due to rising demand from large-scale enterprises for industrial and service-based robot actuators.

Automotive will remain the largest segment due to considerable use of actuators in this sector to provide vehicles higher power, speed, precision, adaptability, efficiency, and long life.

APAC is expected to witness highest growth over the forecast period due to rapid adoption of automation in automotive sector and expanding number of manufacturing hubs in the region.

Features of the Global Robotic and Automation Actuator Market

Market Size Estimates: Robotic and automation actuator market size estimation in terms of value (\$B).

Trend and Forecast Analysis: Market trends (2018 to 2023) and forecast (2024 to 2030) by various segments and regions.

Segmentation Analysis: Robotic and automation actuator market by various segments, such as by type, actuation, application, end use industry and region in terms of(\$B).

Regional Analysis: Robotic and automation actuator market breakdown by North America, Europe, Asia Pacific, and Rest of the World.

Growth Opportunities: Analysis of growth opportunities in different types, actuations, applications, end use industries, and regions for the robotic and automation actuator market.

Strategic Analysis: This includes M&A, new product development, and competitive landscape of the robotic and automation actuator market.

Analysis of competitive intensity of the industry based on Porter's Five Forces model.

FAQ

Q.1 What is the robotic and automation actuator market size?

Answer: The global robotic and automation actuator market is expected to reach an estimated \$37.4 billion by 2030.

Q.2 What is the growth forecast for robotic and automation actuator market?

Answer: The global robotic and automation actuator market is expected to grow with a cagr of 11.5% from 2024 to 2030.

Q.3 What are the major drivers influencing the growth of the robotic and automation actuator market?

Answer: The major drivers for this market are rising number of smart cities and factories, growing demand for eco-friendly and energy-efficient actuators, and increasing use of linear actuators in 3D printing.

Q4. What are the major segments for robotic and automation actuator market?

Answer: The future of the robotic and automation actuator market looks promising with opportunities in the oil and gas, chemicals and CPI, water and wastewater, paper and pulp, mining, automotive, and food & beverage sectors.

Q5. Who are the key robotic and automation actuator market companies?

Answer: Some of the key robotic and automation actuator companies are as follows:

Rockwell Automation

Altra Industrial Motion

Curtiss-Wright

SMC

Flowserve

ABB

MISUMI

Moog

IMI

Crane

Q6. Which robotic and automation actuator market segment will be the largest in future?

Answer: Lucintel forecast that robotic is expected to witness highest growth over the forecast period due to rising demand from large-scale enterprises for industrial and service-based robot actuators.

Q7. In robotic and automation actuator market, which region is expected to be the largest in next 5 years?

Answer: APAC is expected to witness highest growth over the forecast period due to rapid adoption of automation in automotive sector and expanding number of manufacturing hubs in the region.

Q.8 Do we receive customization in this report?

Answer: Yes, Lucintel provides 10% customization without any additional cost.

This report answers following 11 key questions:

Q.1. What are some of the most promising, high-growth opportunities for the robotic and automation actuator market by type (rotary and linear), actuation (electrical, mechanical, hydraulic, and pneumatic), application (robotics and process automation), end use industry (oil and gas, chemicals and CPI, water and wastewater, paper and pulp,

mining, automotive, food and beverages, and others), and region (North America, Europe, Asia Pacific, and the Rest of the World)?

Q.2. Which segments will grow at a faster pace and why?

Q.3. Which region will grow at a faster pace and why?

Q.4. What are the key factors affecting market dynamics? What are the key challenges and business risks in this market?

Q.5. What are the business risks and competitive threats in this market?

Q.6. What are the emerging trends in this market and the reasons behind them?

Q.7. What are some of the changing demands of customers in the market?

Q.8. What are the new developments in the market? Which companies are leading these developments?

Q.9. Who are the major players in this market? What strategic initiatives are key players pursuing for business growth?

Q.10. What are some of the competing products in this market and how big of a threat do they pose for loss of market share by material or product substitution?

Q.11. What M&A activity has occurred in the last 5 years and what has its impact been on the industry?

For any questions related to Robotic And Automation Actuator Market, Robotic And Automation Actuator Market Size, Robotic And Automation Actuator Market Growth, Robotic And Automation Actuator Market Analysis, Robotic And Automation Actuator Market Report, Robotic And Automation Actuator Market Share, Robotic And Automation Actuator Market Trends, Robotic And Automation Actuator Market Forecast, Robotic And Automation Actuator Companies, write Lucintel analyst at email: helpdesk@lucintel.com. We will be glad to get back to you soon.

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