

Actuators - Global Market Outlook (2018-2027)

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Abstracts

According to Statistics MRC, the Global Actuators market accounted for \$44.48 billion in 2018 and is expected to reach \$110.15 billion by 2027 growing at a CAGR of 10.6% during the forecast period. Some of the key factors such as rising investments to carry out process automation in end-use industries of emerging economies and the rising number of air passengers and new aircraft deliveries are driving the market growth. However, continuous upheavals in the oil & gas industry and volatility in the price of crude oil act as the restraining factors for the market growth.

An actuator is a component of a machine that is in charge of moving and controlling a component or system, for instance by opening a valve. In basic terms, it is a 'mover'. It is the mechanism by which a control system acts upon an environment. The control system can be straightforward (a fixed mechanical or electronic system), software-based (for example a printer driver, robot control system), a human, or any other input. An actuator requires a control signal and a source of energy that is generally low energy and might be electric voltage or current, pneumatic or hydraulic pressure, or even human power.

By Application, robotics segment is going to have a lucrative growth during the forecast period. Industries like automotive and electrical & electronics have indicated higher adoption of robots. Other Different sectors such as pharmaceutical, pulp & paper, and food & beverages are expected to incline more towards the utilization of robots by expanding the adoption of robots by small and medium-sized enterprises. By geography, Asia-Pacific is going to have a lucrative growth during the forecast period. Rising demand for industrial robots and automation in various industrial verticals are a portion of opportunities impacting the growth of the market. This factor is a great opportunity for manufacturers to strengthen their organizations in this region.

Some of the key players in Actuators market include ABB, Rockwell Automation, Altra

Industrial Motion, SKF, Curtis Wright (Exlar), Nook Industries, Inc., IMI PLC, Misumi Group Inc., Tolomatic, Macron Dynamics, IAI, Cedrat Technologies, Harmonic Drive LLC, Kollmorgen, DVG Automation, Rotomation, Moog, SMC and Venture Mfg. Co.

Types Covered:

Rotary Actuators

Linear Actuators

Actuations Covered:

Hydraulic

Electrical

Mechanical

Pneumatic

Other Actuations

Applications Covered:

Vehicles and Equipment

Industrial Automation

Robotics

End Users Covered:

Electronics & Electrical

Utilities

Metals, Mining, and Machinery

Food & Beverages

Chemicals, Paper, and Plastics

Agriculture

Automotive

Marine

Construction

Oil & Gas

Household & Entertainment

Power Generation

Pharmaceutical & Healthcare

Water & Wastewater

Aerospace & Defense

Other End Users

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

Market share assessments for the regional and country-level segments

Strategic recommendations for the new entrants

Market forecasts for a minimum of 9 years of all the mentioned segments, sub-segments and the regional markets

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic analysis: Drivers and Constraints, Product/Technology Analysis, Porter's five forces analysis, SWOT analysis etc.

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

Free Customization Offerings:

All the customers of this report will be entitled to receive one of the following free customization options:

Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

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