

Electric Linear Actuator Market Size, Share & Trends Analysis Report By Type (DC Electric Linear Actuator, AC Electric Linear Actuator), By Control type (Open Loop, Closed Loop), By Application (Industrial, Automotive, Medical), By Region, And Segment Forecasts, 2026 - 2033

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Abstracts

The global electric linear actuator market size was valued at USD 27.2 billion in 2025 and is projected to grow from USD 29.0 billion in 2026 to USD 46.5 billion by 2033, at a CAGR of 7.0% from 2026 to 2033. Asia Pacific dominated the global market, accounting for the largest revenue share of 38.7% in 2025. The industry is driven by increasing industrial automation and the shift toward precise, energy-efficient motion-control systems.

Industrial automation is increasing the need for precise, repeatable, and electronically controlled linear movement across manufacturing and processing equipment. Electric linear actuators provide accurate positioning, speed control, and programmable movement, making them suitable for automated machinery and production systems. Unlike conventional hydraulic or pneumatic systems, electric actuators can be directly integrated with electronic control systems, sensors, and communication interfaces. This enables manufacturers to implement automated positioning, feedback-based control, and condition monitoring. The growing adoption of robotics, automated material handling, packaging machinery, and flexible manufacturing systems is therefore expanding the addressable application base.

Electric actuators can also reduce the complexity associated with hydraulic pumps, hoses, valves, and fluid management. Their compact architecture and relatively

straightforward installation support integration into space-constrained automated equipment. Increasing requirements for machine flexibility and rapid changeovers further favor programmable electric actuation. The availability of intelligent actuators with integrated controllers and communication protocols is strengthening their role in connected industrial equipment. Consequently, continued investment in automation and smart manufacturing is expected to remain a major structural driver.

Global Electric Linear Actuator Market Report Segmentation

The report forecasts revenue growth at global, regional, and country levels and provides an analysis of the latest industry trends in each of the sub-segments from 2021 to 2033. For this study, Grand View Research has segmented the global electric linear actuator market report based on type, control type, application, and region.

Type Outlook (Revenue, USD Billion, 2021 - 2033)

DC Electric Linear Actuators

AC Electric Linear Actuators

Control type Outlook (Revenue, USD Billion, 2021 - 2033)

Open Loop

Closed Loop

Application Outlook (Revenue, USD Billion, 2021 - 2033)

Industrial

Automotive

Aerospace & Defense

Medical

Energy

Others

Regional Outlook (Revenue, USD Billion, 2021 - 2033)

North America

U.S.

Canada

Mexico

Europe

Germany

UK

France

Asia Pacific

China

India

Japan

South Korea

Australia

Latin America

Brazil

Middle East & Africa (MEA)

UAE

Kingdom of Saudi Arabia (KSA)

South Africa

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