

Digital Servo Motors and Drives Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2024 to 2032

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Abstracts

The Global Digital Servo Motors And Drives Market size reached USD 8.5 billion in 2023 and is predicted to grow at a CAGR of 6.7% from 2024 to 2032. This growth is primarily driven by the increasing focus on energy-efficient systems and the enforcement of energy consumption regulations. As industries prioritize reducing energy usage, the demand for servo motors and drives that offer better energy efficiency and performance is on the rise. A significant factor contributing to market expansion is the growing investment in infrastructure development, which has led to a surge in the demand for HVAC systems. These systems are vital for optimizing energy use in buildings, thanks to their ability to precisely control motor speeds, which not only conserves energy but also improves process management.

As industries strive for better efficiency and resource utilization, these technologies play a critical role in market growth. The AC drives segment is expected to grow significantly, reaching over USD 11.5 billion by 2032. The increasing trend of automation across various industries, along with the implementation of Industry 4.0, is driving the sales of AC servo motors and drives. These motors are preferred in many sectors because of their high performance under both full-load and variable-load conditions. Moreover, the ongoing modernization of industrial facilities and the integration of advanced automation systems are expected to boost the demand for AC drives in the coming years.

The metal cutting and forming segment is anticipated to grow at over 5% CAGR through 2032, fueled by technological advancements and the growing need for enhanced efficiency and precision in manufacturing. The adoption of smart technologies, such as IoT and AI, for real-time monitoring and predictive maintenance further contributes to the demand for digital servo motors and drives. In the U.S., the digital servo motors and drives market is forecasted to exceed USD 2.8 billion by 2032. The increasing adoption of industrial automation encourages manufacturers to invest in digital servo solutions

that offer improved performance, energy savings, and real-time monitoring. Additionally, the need for compact and lightweight servo motors that enhance production flexibility is expected to drive market growth in North America.

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