

Motion Control Products Market: Segmented: By Product type (PLC-based, standalone motion controllers, and PC based motion controllers); By Axis type (multi axis, and single motion controller); and Region –Analysis of Market Size, Share & Trends for 2016 – 2021 and Forecasts to 2030

<https://marketpublishers.com/r/M9F6B03F6A1CEN.html>

Date: July 2023

Pages: 218

Price: US\$ 4,250.00 (Single User License)

ID: M9F6B03F6A1CEN

Abstracts

Motion Control Products Market By Product type (PLC-based, standalone motion controllers, and PC based motion controllers); By Axis type (multi axis, and single motion controller); and Region -Analysis of Market Size, Share & Trends for 2016 - 2019 and Forecasts to 2030

PRODUCT OVERVIEW

Motion Controllers are classified as electronic parts that run the software to control movement on automated machine pieces (and in an increasing number of integrated electronic supplies). This system is designed to control the particular type of actuator on the axes it controls. That means they have the intelligence to operate either electrical actuators (based on electrical motors) or hydraulic or pneumatic actuators. Examples of the use of motion control include applications where a product is positioned, separate element synchronization, or where the motion is quickly initiated and stopped. Three main components of Motion Control Systems consist of controls, push, amplifier, and engine.

MARKET HIGHLIGHTS

Motion control products market is expected to project a CAGR of 3.40% during the

forecast period, 2021-2030

The growth of the motion monitoring market is driven primarily by the increased use of advanced and automated processes for factory automation. Due to the easier use and integration of components within motion control systems, the adoption of motion control has increased.

GLOBAL MOTION CONTROL PRODUCTS MARKET: SEGMENTS

The multi-axis motion controllers segment generated the largest revenue and volume in 2021

The global Motion control products Market is segmented by axis type into multi-axis and single motion controllers. Due to the demand for the additional or external power source from the applications, the single-axis motion control segment is anticipated to be showing a slow growth during the prediction period. On the contrary, with the use of centralized power units, the multi-axis motion controls provide extremely low power consumption.

PLC-based motion controllers accounted for the largest market share in terms of volume in 2019 and are anticipated to grow at a CAGR of 7.9% during the forecasted period.

Global Motion Control Products Market is segmented by product type: PLC-based, standalone motion controllers, and PC-based motion controllers. The consumer market was dominated by PC-based motion controllers in terms of sales of those controllers' high prices relative to other product styles.

MARKET DYNAMICS

Drivers

High Demand in the APAC region

Other factors

Restraints

High Cost

Global Motion control products Market: Key Players

Yaskawa Electric

Company Overview, Business Strategy, Key Product Offerings, Financial Performance, Key Performance Indicators, Risk Analysis, Recent Development, Regional Presence, SWOT Analysis

Schneider Electric

Parker Hannifin

GalilMC.

Aerotech

ACS Motion Control

Delta Motion

Siemens

ABB

Mitsubishi Electric

THE GLOBAL MOTION CONTROL PRODUCTS MARKET REPORT ALSO CONTAINS AN ANALYSIS ON:

Global Motion control products Market Segments

By Product Type

PLC-based

Standalone motion controllers

PC based motion controllers

By Axis Type

Multi-axis

Single motion controller

Global Motion control products Market Dynamics

Global Motion control products Market Size

Supply & Demand

Current Trends/Issues/Challenges

Competition & Companies Involved in the Market

Value Chain of the Market

Market Drivers and Restraints

Reasons to Purchase this Report

Qualitative and quantitative analysis of the market based on segmentation involving both economic as well as non-economic factors

Provision of market value (USD Billion) data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major

players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry with respect to recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market of various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

3-month post-sales analyst support.

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Consultant Recommendation

The above-given segmentations and companies could be subjected to further modification based on in-depth feasibility studies conducted for the final deliverable.

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