

# **Global Robotics System Integration Market Size Study & Forecast, by Type (Industrial Robots, Autonomous Robots) by End Use (Automotive, Electronics and Semiconductor) and Regional Forecasts 2025-2035**

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## **Abstracts**

The Global Robotics System Integration Market is valued at approximately USD 74.56 billion in 2024 and is expected to accelerate at a robust compound annual growth rate of 9.60% throughout the forecast period of 2025-2035, with historical benchmarks taken from 2023 and 2024 and 2024 serving as the base year for estimation. Robotics system integration refers to the process of designing, deploying, and optimizing robotic solutions by seamlessly combining hardware, software, control systems, and peripherals into a unified operational ecosystem. As manufacturing floors evolve into highly automated, data-driven environments, system integrators have emerged as strategic enablers, translating robotic potential into scalable, real-world productivity gains.

Market growth is being powered by the relentless push toward smart manufacturing, labor optimization, and operational resilience across global industries. Companies are increasingly leaning into robotics integration to offset workforce shortages, reduce error rates, and ramp up throughput without proportionally increasing costs. Advances in artificial intelligence, machine vision, and industrial IoT have further expanded the scope of integration services, allowing robots to move beyond repetitive tasks and take on adaptive, high-precision roles. While upfront capital expenditure and integration complexity can act as short-term friction points, long-term returns in efficiency, safety, and flexibility continue to tip the balance decisively in favor of integrated robotic systems.

**The detailed segments and sub-segments included in the report are:**

By Type:

Industrial Robots

Autonomous Robots

By End Use:

Automotive

Electronics and Semiconductor

By Application:

Assembly

Material Handling

Welding

Packaging

Inspection and Testing

Others

By Region:

North America

U.S.

Canada

## Europe

UK

Germany

France

Spain

Italy

Rest of Europe

## Asia Pacific

China

India

Japan

Australia

South Korea

Rest of Asia Pacific

## Latin America

Brazil

Mexico

## Middle East & Africa

UAE

Saudi Arabia

South Africa

Rest of Middle East & Africa

Industrial robots are expected to dominate the market by type, accounting for the largest share during the forecast period. Their entrenched presence across automotive assembly lines, metal fabrication units, and high-volume manufacturing environments has firmly positioned them as the backbone of robotic integration projects. As factories modernize legacy systems, industrial robots are increasingly being retrofitted with advanced sensors, vision systems, and collaborative capabilities, allowing integrators to squeeze additional value out of existing infrastructure while paving the way for incremental automation upgrades.

From a revenue perspective, the automotive end-use segment continues to lead the robotics system integration market, underpinned by its early adoption of automation and continuous pursuit of lean manufacturing principles. Automotive manufacturers rely heavily on integrated robotic systems for welding, painting, assembly, and quality inspection, driving sustained demand for sophisticated integration services. Meanwhile, the electronics and semiconductor segment is rapidly closing the gap, fueled by miniaturization trends, rising chip demand, and the need for ultra-high precision in cleanroom environments?conditions that play directly into the strengths of advanced robotic integration.

The key regions considered for the Global Robotics System Integration Market include North America, Europe, Asia Pacific, Latin America, and the Middle East & Africa. Asia Pacific commands a significant share of the market, anchored by manufacturing powerhouses such as China, Japan, and South Korea, where automation is being scaled up to meet both domestic and export-driven demand. North America follows closely, benefiting from reshoring initiatives, strong automotive production, and aggressive investments in smart factories. Europe remains a vital contributor, supported by Industry 4.0 adoption and a strong engineering base, while emerging regions such as Latin America and the Middle East & Africa are gradually stepping up investments as industrial diversification gathers pace.

**Major market players included in this report are:**

ABB Ltd.

FANUC Corporation

KUKA AG

Yaskawa Electric Corporation

Rockwell Automation, Inc.

Siemens AG

Mitsubishi Electric Corporation

Omron Corporation

Kawasaki Heavy Industries, Ltd.

Universal Robots A/S

Cognex Corporation

Schneider Electric SE

Boston Dynamics

Staubli International AG

Epson Robots

**Global Robotics System Integration Market Report Scope:**

Historical Data ? 2023, 2024

Base Year for Estimation ? 2024

Forecast period - 2025-2035

Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope - Free report customization (equivalent to up to 8 analysts' working hours) with purchase. Addition or alteration to country, regional & segment scope\*

The objective of the study is to define market sizes of different segments and countries in recent years and to forecast their values for the coming years. The report blends qualitative insight with quantitative rigor, outlining the technological, economic, and operational forces shaping the market's evolution. It further maps competitive dynamics, highlights emerging integration opportunities across applications, and provides stakeholders with a clear lens through which to evaluate strategic investments in the rapidly advancing robotics ecosystem.

### **Key Takeaways:**

Market Estimates & Forecast for 10 years from 2025 to 2035.

Annualized revenues and regional-level analysis for each market segment.

Detailed analysis of the geographical landscape with country-level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of the competitive structure of the market.

Demand side and supply side analysis of the market.

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