

Global Intralogistics Automation Solutions Market Size Study, by Automation Type (In-Built Machinery, Remote Operated), by Equipment (Automated Guided Vehicles, Automated Storage & Retrieval Systems, Autonomous Mobile Robots, Conveyor Systems, Packaging Automation, Palletizing Robots, Racking Systems, Sortation Systems), by Application (Inventory Management, Loading & Unloading, Material Handling, Packaging, Palletizing & Depalletizing, Warehousing), by End-Users (Aerospace & Defense, Automotive, Chemicals, e-Commerce & Retail, Electronics, Food & Beverage, Healthcare & Pharmaceuticals, Logistics & Distribution), and Regional Forecasts 2022-2032

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Abstracts

The Global Intralogistics Automation Solutions Market was valued at approximately USD 26.39 billion in 2023, reflecting a compound annual growth rate (CAGR) of 8.26% over the forecast period 2024-2032. Intralogistics Automation Solutions refer to the integration of automated systems and technologies within warehouses and distribution centers to manage, optimize, and streamline internal logistics processes. These solutions include automated guided vehicles (AGVs), conveyor systems, robotic picking systems, automated storage and retrieval systems (AS/RS), and warehouse management software. Intralogistics automation aims to enhance operational efficiency,

reduce labor costs, increase throughput, and improve accuracy and safety in material handling and inventory management. These solutions enhance operational efficiency, accuracy, and productivity by streamlining processes such as storage, retrieval, sorting, assembly, packaging, and dispatch.

The market for Intralogistics Automation Solutions is experiencing robust growth driven by rise of e-commerce and the need for faster, more efficient order fulfillment are major catalysts, prompting companies to invest in automation to handle increased volume and complexity. Technological advancements in robotics, AI, and IoT are enabling more sophisticated and flexible automation systems, further boosting market expansion. Additionally, the push for sustainability and energy efficiency in logistics operations is driving the adoption of automated solutions that optimize resource usage and reduce waste. Intralogistics automation aims to create a seamless, flexible, and scalable workflow that can adapt to varying demand levels, reduce human error, improve safety, and ultimately drive down operational costs. The exponential growth of e-commerce globally necessitates efficient logistics operations, encouraging businesses to invest in automation technologies. However, challenges such as integrating new technologies with existing systems and high Implementation Costs could stifle the market growth. However, the shift towards fully automated and smart warehouses, driven by AI and data analytics, coupled with a growing emphasis on sustainability and green logistics practices, is expected to create significant growth opportunities.

The key region studied in Global Intralogistics Automation Solutions Market includes North America, Asia Pacific, Europe, Latin America and Middle East and Africa. Europe stands out as the leading region due to its well-established industrial base, advanced technological infrastructure, and strong emphasis on automation and efficiency in logistics operations. The region's focus on Industry 4.0, coupled with significant investments in research and development, has propelled the adoption of intralogistics automation solutions. Key countries such as Germany, France, and the UK are at the forefront, driven by the need to optimize supply chains, reduce operational costs, and enhance productivity. On the other hand, the Asia-Pacific region is the fastest-growing market for intralogistics automation solutions. Rapid industrialization, the expansion of e-commerce, and increasing investments in manufacturing and warehouse automation are fueling this growth. Countries like China, Japan, and India are leading the charge, with China's booming e-commerce sector and substantial investments in smart logistics playing a pivotal role. The region's dynamic economic growth, coupled with a rising focus on enhancing supply chain efficiency and reducing labor costs, is driving the accelerated adoption of intralogistics automation solutions in Asia-Pacific.

Major market players included in this report are:

Conductix-Wampfler GmbH by Delachaux Group SA
CTI Systems S.r.l.
Daifuku Co., Ltd.
De Lage Landen International B.V.
Dematic Group Limited
Falcon Autotech Pvt Ltd.
Festo Oy
Fives Group
Jungheinrich AG
KNAPP AG
KHL Maschinenbau AG
Lenze Gruppe
Linde Material Handling
Mecalux SA
SCIO Automation GmbH

The detailed segments and sub-segment of the market are explained below:

By Automation Type

In-Built Machinery
Remote Operated

By Equipment

Automated Guided Vehicles
Automated Storage & Retrieval Systems
Autonomous Mobile Robots
Conveyor Systems
Packaging Automation
Palletizing Robots
Racking Systems
Sortation Systems

By Application

Inventory Management
Loading & Unloading
Material Handling
Packaging
Palletizing & Depalletizing
Warehousing

By End-Users

Aerospace & Defense
Automotive
Chemicals
e-Commerce & Retail
Electronics
Food & Beverage
Healthcare & Pharmaceuticals
Logistics & Distribution

By Region:

North America
U.S.
Canada

Europe

UK
Germany
France
Spain
Italy
ROE (Rest of Europe)

Asia Pacific

China
India
Japan
Australia & New Zealand
RoAPAC (Rest of Asia Pacific)

Latin America

Brazil
Mexico
Rest of Latin America

Middle East & Africa

Saudi Arabia
South Africa
RoMEA (Rest of Middle East & Africa)

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and regional level analysis for each market segment.

Detailed analysis of 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 competitive structure of the market.

Demand side and supply side analysis of the market.

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