

# U.S. and Europe Warehouse Automation Market registering a CAGR of 14.9% and is projected to reach \$34,468.0 million 2031

*Market is witnessing rapid growth, fueled by increasing trade volumes, e-commerce expansion, and technological advancements in AI-driven automation*

WILMINGTON, DE, UNITED STATES, March 12, 2025 /EINPresswire.com/ -- **U.S. and Europe Warehouse Automation Market** registering a CAGR of 14.9% and is projected to reach \$34,468.0 million by 2031.

**U.S. and Europe Warehouse Automation Market**

The [U.S. and Europe Warehouse Automation](#) Market was valued at \$8,467.4 million in 2021 and is projected to reach \$34,468.0 million by 2031, registering a CAGR of 14.9% from 2022 to 2031. Warehouse automation encompasses computer-aided robots, vehicles, and machines, including mobile robots (AGV, AMR), automated storage and retrieval systems (AS/RS), conveyor systems, sorting systems, and intelligent software. These automation solutions enhance operational efficiency by reducing reliance on manual labor, increasing inventory accuracy, and optimizing storage utilization.

For more information, contact [AlliedMarketResearch@alliedmarketresearch.com](mailto:AlliedMarketResearch@alliedmarketresearch.com) or visit <https://www.alliedmarketresearch.com/request-sample/A74586>

The warehouse automation market in the U.S. and Europe faced significant disruptions due to the COVID-19 pandemic, affecting global and domestic trade. However, by late 2021, the market showed signs of recovery as industries resumed operations and e-commerce demand surged, necessitating the need for automated solutions to cope with labor shortages and increased order volumes.

**U.S. and Europe Warehouse Automation Market**

**U.S. and Europe Warehouse Automation Market**

Trade between the U.S. and Europe continues to grow, driven by increasing disposable incomes and strong bilateral economic ties. According to the European Commission, the trade between these two regions reached \$1.36 trillion in 2021, a 10% increase from pre-pandemic levels.

Additionally, in June 2021, the U.S. and EU established the Trade and Technology Council (TTC) to strengthen economic collaboration, further boosting inventory levels across warehouses in both regions.

Warehouse Automation Market Report

The rapid expansion of the e-commerce industry in both the U.S. and Europe has significantly increased the volume of goods stored and managed in warehouses. Companies such as Amazon, Walmart, and Alibaba are expanding their distribution networks, increasing the need for warehouse automation. Traditional manual warehouses are struggling to keep up with demand, leading to inefficiencies and higher operational costs. Automation is emerging as a key solution to enhance speed, accuracy, and cost efficiency.

For more information, contact us at <https://www.alliedmarketresearch.com/purchase-enquiry/A74586>

Warehouse Automation Market Report

Warehouse automation offers several advantages, including:

Increased efficiency and speed in order fulfillment

Reduced labor costs and minimized workplace injuries

Improved inventory management through real-time tracking

Optimized storage utilization and scalability for dynamic business environments

Enhanced safety by minimizing repetitive and hazardous tasks for workers

Warehouse Automation Market Report

Despite its benefits, warehouse automation has certain drawbacks:

**High Initial Investment:** Implementing a fully automated warehouse requires a multi-million-dollar investment, making it financially challenging for small to mid-sized businesses.

**Job Displacement Concerns:** Increased automation is perceived as a threat to human labor, leading to resistance in adoption.

**Complex Integration Process:** Integrating new automation systems with existing infrastructure can be technically challenging and requires skilled personnel.

Technological advancements in robotics and AI-driven automation are driving new growth opportunities. Key innovations include:

AI-powered robotic systems: Companies like Honeywell and Amazon Robotics are developing AI-driven pick-and-pack robots that enhance warehouse efficiency.

Autonomous drones: In March 2020, Ware Robotics launched a Skydio 2-powered inventory drone for warehouse management.

Smart conveyor and sorting systems: Leveraging AI and IoT to streamline warehouse operations.

### COVID-19 Impact on the Market

The COVID-19 pandemic initially disrupted warehouse automation due to supply chain constraints and economic slowdowns. However, the pandemic also accelerated the shift toward e-commerce and automation, preventing a major market decline. By 2023, the market showed strong recovery due to increased investment in automated fulfillment centers and digital transformation.

However, in early 2023, another wave of COVID-19 infections in China led to supply chain disruptions, creating short-term market uncertainty. Companies operating in warehouse automation manufacturing and integration are advised to focus on supply chain resilience and workforce safety while leveraging automation to counter labor shortages.

For more information, visit <https://www.alliedmarketresearch.com/request-for-customization/A74586>

By Component

Hardware: Includes AGV, AMR, AS/RS, conveyor systems, robotic pickers, and barcode scanners.

Software: Includes warehouse management systems (WMS), AI-powered analytics, and order processing software.

The hardware segment accounted for the largest market share in 2021, while the software segment is projected to grow at the highest CAGR due to increased adoption of AI and machine learning in warehouse automation.

By Application

Automotive

Food & Beverage

E-commerce

Pharmaceuticals

Others

The e-commerce sector held the highest revenue share in 2021, driven by the rising demand for faster and more efficient warehouse operations.

By End-User Industry

Retailers

Manufacturers & Distributors

The manufacturers & distributors segment dominated in 2021, as they manage higher inventory volumes and require advanced automation solutions to optimize logistics and supply chain management.

By Region

U.S.

Europe (Germany, France, Italy, UK, Spain, Netherlands, Rest of Europe)

The U.S. held the largest market share in 2021, driven by its strong pharmaceutical, automotive, and e-commerce sectors. However, Europe is projected to grow significantly due to increased adoption of smart logistics solutions and government support for Industry 4.0.

Key players in the U.S. and Europe Warehouse Automation Market include:

Key players in the U.S. and Europe Warehouse Automation Market include:

ABB Ltd.

Amazon Robotics

Honeywell International Inc.

Jungheinrich AG

KION Group AG (Dematic)

KUKA AG (Swisslog)

Schneider Electric

Siemens AG

SSI-Schaefer

Zebra Technologies (Fetch Robotics, Inc.)

These companies are focusing on product development, partnerships, acquisitions, and AI-driven automation solutions to expand their market presence.

For instance, in September 2021, Honeywell International Inc. introduced new robotic pallet-unloading technology, reducing labor dependency and increasing warehouse efficiency.

□□□ □□□□□□□□ □□□ □□□□□□□□□□□□

Comprehensive analysis of market trends and growth projections.

Detailed segmentation of the U.S. and Europe Warehouse Automation Market.

Insights into competitive strategies of key industry players.

In-depth examination of economic factors impacting warehouse automation.

Identification of emerging opportunities for market expansion.

Related Links

Packaging Related Blog: <https://www.alliedmarketresearch.com/construction-and-manufacturing/packaging-market-report>

Manufacturing Related Blog: <https://www.alliedmarketresearch.com/construction-and-manufacturing/manufacturing-market-report>

Manufacturing Services Related Blog: <https://www.alliedmarketresearch.com/construction-and-manufacturing/manufacturing-services-market-report>

Engineering, Equipment and Machinery Related Blog:

<https://www.alliedmarketresearch.com/construction-and-manufacturing/equipment-and-machinery-market-report>

Heavy Manufacturing Related Blog: <https://www.alliedmarketresearch.com/construction-and-manufacturing/heavy-manufacturing-market-report>

Roads and Highways Related Blog: <https://www.alliedmarketresearch.com/construction-and-manufacturing/roads-and-highways-market-report>

Residential Construction and Improvement Related Blog:

<https://www.alliedmarketresearch.com/construction-and-manufacturing/residential-construction-and-improvement-market-report>

HVAC Related Blog: <https://www.alliedmarketresearch.com/construction-and-manufacturing/hvac-market-report>

Construction Materials Related Blog: <https://www.alliedmarketresearch.com/construction-and-manufacturing/construction-materials-market-report>

David Correa

Allied Market Research

+ 18007925285

[email us here](#)

Visit us on social media:

[Facebook](#)

[X](#)

[LinkedIn](#)

[YouTube](#)

---

This press release can be viewed online at: <https://www.einpresswire.com/article/793203571>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2025 Newsmatics Inc. All Right Reserved.