

# **Global Warehouse Robotics Market Size Study & Forecast, by Type, Payload, Function, Industry, and Regional Forecasts 2025-2035**

<https://marketpublishers.com/r/GCAE3AF0C459EN.html>

Date: June 2025

Pages: 285

Price: US\$ 3,218.00 (Single User License)

ID: GCAE3AF0C459EN

## **Abstracts**

The Global Warehouse Robotics Market is valued at approximately USD 6.8 billion in 2024 and is expected to surge at a robust CAGR of 11.40% during the forecast period 2025-2035. Warehouse robotics, which once lingered at the edges of supply chain modernization, has swiftly evolved into a cornerstone of industrial automation. These robotic systems—ranging from autonomous mobile robots (AMRs) to cobots—are revolutionizing logistics through their precision, efficiency, and scalability. As global demand for faster fulfillment, reduced labor costs, and error-free warehousing intensifies, warehouse robotics has transformed from a luxury into a strategic necessity. Companies are increasingly leveraging these technologies not only to streamline inventory movement but also to future-proof operations in the face of dynamic e-commerce growth and global labor shortages.

The surge in demand for warehouse robotics has been propelled by the exponential rise in e-commerce activities, the push toward same-day delivery, and the proliferation of data-driven inventory management systems. Robots are now integral in functions such as sorting, pick-and-place, palletizing, packaging, and transportation. Their role in optimizing space, reducing overhead, and enhancing throughput cannot be overstated. Modern robotics solutions are equipped with machine vision, edge computing, and AI algorithms that allow them to adapt to complex warehouse environments. Moreover, the introduction of modular, collaborative robots that seamlessly work alongside human workers has opened new opportunities for hybrid workforce models. However, capital-intensive deployment, high maintenance costs, and interoperability challenges within legacy systems remain critical restraints for wider adoption across small and medium enterprises.

Regionally, North America dominated the Warehouse Robotics Market in 2024 and is anticipated to retain its lead through 2035, backed by early adoption of automation technologies and the presence of key market players. The region's established infrastructure, coupled with the rapid growth of online retail and the need for just-in-time logistics, continues to fuel demand for advanced warehouse automation. Meanwhile, the Asia Pacific region is poised to register the fastest growth during the forecast period, driven by increasing investments in smart manufacturing across China, Japan, and South Korea. The region's cost-sensitive yet innovation-driven logistics sector is embracing scalable robotics to cope with rising labor costs and supply chain disruptions. Europe, with its emphasis on sustainability and precision engineering, is also witnessing strong growth, particularly in the automotive and pharmaceutical warehousing sectors.

Major market players included in this report are:

ABB Ltd.

FANUC Corporation

KUKA AG

Amazon Robotics

Honeywell Intelligrated

Yaskawa Electric Corporation

Daifuku Co., Ltd.

Omron Corporation

Locus Robotics

Fetch Robotics

Geek+

GreyOrange

Magazino GmbH

Siemens AG

Vecna Robotics

## Global Warehouse Robotics 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 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 & countries in recent years and to forecast the values for the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within the countries involved in the study. The report also provides detailed information about crucial aspects, such as driving factors and challenges, which will define the future growth of the market. Additionally, it incorporates potential opportunities in micro-markets for stakeholders to invest, along with a detailed analysis of the competitive landscape and product offerings of key players. The detailed segments and sub-segments of the market are explained below:

By Type:

Autonomous Mobile Robots (AMR)

Automated Guided Vehicles (AGV)

Articulated Robots

Cylindrical Robots

SCARA Robots

Collaborative Robots (COBOT)

Parallel Robots

Cartesian Robots

By Payload (Kg):

Less than 20 Kg

20–100 Kg

100–200 Kg

More than 200 Kg

By Function:

Transportation

Pick & Place

Palletizing

Packaging

By Industry:

E-commerce

Food & Beverage

Automotive

Consumer Electronics

Pharmaceuticals

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

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 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.

## Contents

### **CHAPTER 1. GLOBAL WAREHOUSE ROBOTICS MARKET REPORT SCOPE & METHODOLOGY**

- 1.1. Research Objective
- 1.2. Research Methodology
  - 1.2.1. Forecast Model
  - 1.2.2. Desk Research
  - 1.2.3. Top-Down and Bottom-Up Approach
- 1.3. Research Attributes
- 1.4. Scope of the Study
  - 1.4.1. Market Definition
  - 1.4.2. Market Segmentation
- 1.5. Research Assumption
  - 1.5.1. Inclusion & Exclusion
  - 1.5.2. Limitations
  - 1.5.3. Years Considered for the Study

### **CHAPTER 2. EXECUTIVE SUMMARY**

- 2.1. CEO/CXO Standpoint
- 2.2. Strategic Insights
- 2.3. ESG Analysis
- 2.4. Key Findings

### **CHAPTER 3. GLOBAL WAREHOUSE ROBOTICS MARKET FORCES ANALYSIS**

- 3.1. Market Forces Shaping The Global Warehouse Robotics Market (2024-2035)
- 3.2. Drivers
  - 3.2.1. Exponential Growth of E-commerce and Same-Day Delivery Demands
  - 3.2.2. Adoption of AI-Driven Inventory Management Systems
- 3.3. Restraints
  - 3.3.1. High Capital Expenditure and Maintenance Costs
  - 3.3.2. Interoperability Challenges with Legacy Warehousing Systems
- 3.4. Opportunities
  - 3.4.1. Expansion into Emerging and Cost-Sensitive Logistics Markets
  - 3.4.2. Deployment of Collaborative and Modular Robotics



## **CHAPTER 4. GLOBAL WAREHOUSE ROBOTICS INDUSTRY ANALYSIS**

- 4.1. Porter's Five Forces Model
  - 4.1.1. Bargaining Power of Buyers
  - 4.1.2. Bargaining Power of Suppliers
  - 4.1.3. Threat of New Entrants
  - 4.1.4. Threat of Substitutes
  - 4.1.5. Competitive Rivalry
- 4.2. Porter's Five Forces Forecast Model (2024-2035)
- 4.3. PESTEL Analysis
  - 4.3.1. Political
  - 4.3.2. Economic
  - 4.3.3. Social
  - 4.3.4. Technological
  - 4.3.5. Environmental
  - 4.3.6. Legal
- 4.4. Top Investment Opportunities
- 4.5. Top Winning Strategies (2025)
- 4.6. Market Share Analysis (2024-2025)
- 4.7. Global Pricing Analysis and Trends (2025)
- 4.8. Analyst Recommendation & Conclusion

## **CHAPTER 5. GLOBAL WAREHOUSE ROBOTICS MARKET SIZE & FORECASTS BY TYPE (2025-2035)**

- 5.1. Market Overview
- 5.2. Global Warehouse Robotics Market Performance – Potential Analysis (2025)
- 5.3. Autonomous Mobile Robots (AMR)
  - 5.3.1. Top Countries Breakdown Estimates & Forecasts, 2024-2035
  - 5.3.2. Market Size Analysis, by Region, 2025-2035
- 5.4. Automated Guided Vehicles (AGV)
  - 5.4.1. Top Countries Breakdown Estimates & Forecasts, 2024-2035
  - 5.4.2. Market Size Analysis, by Region, 2025-2035
- 5.5. Articulated Robots
  - 5.5.1. Top Countries Breakdown Estimates & Forecasts, 2024-2035
  - 5.5.2. Market Size Analysis, by Region, 2025-2035
- 5.6. Cylindrical Robots
  - 5.6.1. Top Countries Breakdown Estimates & Forecasts, 2024-2035
  - 5.6.2. Market Size Analysis, by Region, 2025-2035

## 5.7. SCARA Robots

5.7.1. Top Countries Breakdown Estimates & Forecasts, 2024-2035

5.7.2. Market Size Analysis, by Region, 2025-2035

## 5.8. Collaborative Robots (COBOT)

5.8.1. Top Countries Breakdown Estimates & Forecasts, 2024-2035

5.8.2. Market Size Analysis, by Region, 2025-2035

## 5.9. Parallel Robots

5.9.1. Top Countries Breakdown Estimates & Forecasts, 2024-2035

5.9.2. Market Size Analysis, by Region, 2025-2035

## 5.10. Cartesian Robots

5.10.1. Top Countries Breakdown Estimates & Forecasts, 2024-2035

5.10.2. Market Size Analysis, by Region, 2025-2035

# **CHAPTER 6. GLOBAL WAREHOUSE ROBOTICS MARKET SIZE & FORECASTS BY PAYLOAD (2025-2035)**

## 6.1. Market Overview

## 6.2. Global Warehouse Robotics Market Performance – Potential Analysis (2025)

## 6.3. Less than 20 Kg

6.3.1. Top Countries Breakdown Estimates & Forecasts, 2024-2035

6.3.2. Market Size Analysis, by Region, 2025-2035

## 6.4. 20–100 Kg

6.4.1. Top Countries Breakdown Estimates & Forecasts, 2024-2035

6.4.2. Market Size Analysis, by Region, 2025-2035

## 6.5. 100–200 Kg

6.5.1. Top Countries Breakdown Estimates & Forecasts, 2024-2035

6.5.2. Market Size Analysis, by Region, 2025-2035

## 6.6. More than 200 Kg

6.6.1. Top Countries Breakdown Estimates & Forecasts, 2024-2035

6.6.2. Market Size Analysis, by Region, 2025-2035

# **CHAPTER 7. GLOBAL WAREHOUSE ROBOTICS MARKET SIZE & FORECASTS BY FUNCTION (2025-2035)**

## 7.1. Market Overview

## 7.2. Global Warehouse Robotics Market Performance – Potential Analysis (2025)

## 7.3. Transportation

7.3.1. Top Countries Breakdown Estimates & Forecasts, 2024-2035

7.3.2. Market Size Analysis, by Region, 2025-2035

#### 7.4. Pick & Place

7.4.1. Top Countries Breakdown Estimates & Forecasts, 2024-2035

7.4.2. Market Size Analysis, by Region, 2025-2035

#### 7.5. Palletizing

7.5.1. Top Countries Breakdown Estimates & Forecasts, 2024-2035

7.5.2. Market Size Analysis, by Region, 2025-2035

#### 7.6. Packaging

7.6.1. Top Countries Breakdown Estimates & Forecasts, 2024-2035

7.6.2. Market Size Analysis, by Region, 2025-2035

### **CHAPTER 8. GLOBAL WAREHOUSE ROBOTICS MARKET SIZE & FORECASTS BY INDUSTRY (2025-2035)**

#### 8.1. Market Overview

#### 8.2. Global Warehouse Robotics Market Performance – Potential Analysis (2025)

#### 8.3. E-commerce

8.3.1. Top Countries Breakdown Estimates & Forecasts, 2024-2035

8.3.2. Market Size Analysis, by Region, 2025-2035

#### 8.4. Food & Beverage

8.4.1. Top Countries Breakdown Estimates & Forecasts, 2024-2035

8.4.2. Market Size Analysis, by Region, 2025-2035

#### 8.5. Automotive

8.5.1. Top Countries Breakdown Estimates & Forecasts, 2024-2035

8.5.2. Market Size Analysis, by Region, 2025-2035

#### 8.6. Consumer Electronics

8.6.1. Top Countries Breakdown Estimates & Forecasts, 2024-2035

8.6.2. Market Size Analysis, by Region, 2025-2035

#### 8.7. Pharmaceuticals

8.7.1. Top Countries Breakdown Estimates & Forecasts, 2024-2035

8.7.2. Market Size Analysis, by Region, 2025-2035

#### 8.8. Others

8.8.1. Top Countries Breakdown Estimates & Forecasts, 2024-2035

8.8.2. Market Size Analysis, by Region, 2025-2035

### **CHAPTER 9. GLOBAL WAREHOUSE ROBOTICS MARKET SIZE & FORECASTS BY REGION (2025-2035)**

#### 9.1. Warehouse Robotics Market, Regional Market Snapshot

#### 9.2. Top Leading & Emerging Countries

### 9.3. North America Warehouse Robotics Market

#### 9.3.1. U.S. Warehouse Robotics Market

9.3.1.1. Type Breakdown Size & Forecasts, 2025-2035

9.3.1.2. Payload Breakdown Size & Forecasts, 2025-2035

#### 9.3.2. Canada Warehouse Robotics Market

9.3.2.1. Type Breakdown Size & Forecasts, 2025-2035

9.3.2.2. Payload Breakdown Size & Forecasts, 2025-2035

### 9.4. Europe Warehouse Robotics Market

#### 9.4.1. UK Warehouse Robotics Market

9.4.1.1. Type Breakdown Size & Forecasts, 2025-2035

9.4.1.2. Payload Breakdown Size & Forecasts, 2025-2035

#### 9.4.2. Germany Warehouse Robotics Market

9.4.2.1. Type Breakdown Size & Forecasts, 2025-2035

9.4.2.2. Payload Breakdown Size & Forecasts, 2025-2035

#### 9.4.3. France Warehouse Robotics Market

9.4.3.1. Type Breakdown Size & Forecasts, 2025-2035

9.4.3.2. Payload Breakdown Size & Forecasts, 2025-2035

#### 9.4.4. Spain Warehouse Robotics Market

9.4.4.1. Type Breakdown Size & Forecasts, 2025-2035

9.4.4.2. Payload Breakdown Size & Forecasts, 2025-2035

#### 9.4.5. Italy Warehouse Robotics Market

9.4.5.1. Type Breakdown Size & Forecasts, 2025-2035

9.4.5.2. Payload Breakdown Size & Forecasts, 2025-2035

#### 9.4.6. Rest of Europe Warehouse Robotics Market

9.4.6.1. Type Breakdown Size & Forecasts, 2025-2035

9.4.6.2. Payload Breakdown Size & Forecasts, 2025-2035

### 9.5. Asia Pacific Warehouse Robotics Market

#### 9.5.1. China Warehouse Robotics Market

9.5.1.1. Type Breakdown Size & Forecasts, 2025-2035

9.5.1.2. Payload Breakdown Size & Forecasts, 2025-2035

#### 9.5.2. India Warehouse Robotics Market

9.5.2.1. Type Breakdown Size & Forecasts, 2025-2035

9.5.2.2. Payload Breakdown Size & Forecasts, 2025-2035

#### 9.5.3. Japan Warehouse Robotics Market

9.5.3.1. Type Breakdown Size & Forecasts, 2025-2035

9.5.3.2. Payload Breakdown Size & Forecasts, 2025-2035

#### 9.5.4. Australia Warehouse Robotics Market

9.5.4.1. Type Breakdown Size & Forecasts, 2025-2035

9.5.4.2. Payload Breakdown Size & Forecasts, 2025-2035

- 9.5.5. South Korea Warehouse Robotics Market
  - 9.5.5.1. Type Breakdown Size & Forecasts, 2025-2035
  - 9.5.5.2. Payload Breakdown Size & Forecasts, 2025-2035
- 9.5.6. Rest of Asia Pacific Warehouse Robotics Market
  - 9.5.6.1. Type Breakdown Size & Forecasts, 2025-2035
  - 9.5.6.2. Payload Breakdown Size & Forecasts, 2025-2035
- 9.6. Latin America Warehouse Robotics Market
  - 9.6.1. Brazil Warehouse Robotics Market
    - 9.6.1.1. Type Breakdown Size & Forecasts, 2025-2035
    - 9.6.1.2. Payload Breakdown Size & Forecasts, 2025-2035
  - 9.6.2. Mexico Warehouse Robotics Market
    - 9.6.2.1. Type Breakdown Size & Forecasts, 2025-2035
    - 9.6.2.2. Payload Breakdown Size & Forecasts, 2025-2035
- 9.7. Middle East & Africa Warehouse Robotics Market
  - 9.7.1. UAE Warehouse Robotics Market
    - 9.7.1.1. Type Breakdown Size & Forecasts, 2025-2035
    - 9.7.1.2. Payload Breakdown Size & Forecasts, 2025-2035
  - 9.7.2. Saudi Arabia Warehouse Robotics Market
    - 9.7.2.1. Type Breakdown Size & Forecasts, 2025-2035
    - 9.7.2.2. Payload Breakdown Size & Forecasts, 2025-2035
  - 9.7.3. South Africa Warehouse Robotics Market
    - 9.7.3.1. Type Breakdown Size & Forecasts, 2025-2035
    - 9.7.3.2. Payload Breakdown Size & Forecasts, 2025-2035
  - 9.7.4. Rest of Middle East & Africa Warehouse Robotics Market
    - 9.7.4.1. Type Breakdown Size & Forecasts, 2025-2035
    - 9.7.4.2. Payload Breakdown Size & Forecasts, 2025-2035

## **CHAPTER 10. COMPETITIVE INTELLIGENCE**

- 10.1. Top Market Strategies
- 10.2. ABB Ltd.
  - 10.2.1. Company Overview
  - 10.2.2. Key Executives
  - 10.2.3. Company Snapshot
  - 10.2.4. Financial Performance (Subject to Data Availability)
  - 10.2.5. Product/Services Portfolio
  - 10.2.6. Recent Developments
  - 10.2.7. Market Strategies
  - 10.2.8. SWOT Analysis

- 10.3. FANUC Corporation
- 10.4. KUKA AG
- 10.5. Amazon Robotics
- 10.6. Honeywell Intelligrated
- 10.7. Yaskawa Electric Corporation
- 10.8. Daifuku Co., Ltd.
- 10.9. Omron Corporation
- 10.10. Locus Robotics
- 10.11. Fetch Robotics
- 10.12. Geek+
- 10.13. GreyOrange
- 10.14. Magazino GmbH
- 10.15. Siemens AG
- 10.16. Vecna Robotics



## List Of Tables

### LIST OF TABLES

Table 1. Global Warehouse Robotics Market, Report Scope

Table 2. Global Warehouse Robotics Market Estimates & Forecasts By Region  
2024–2035

Table 3. Global Warehouse Robotics Market Estimates & Forecasts By Type  
2024–2035

Table 4. Global Warehouse Robotics Market Estimates & Forecasts By Payload  
2024–2035

Table 5. Global Warehouse Robotics Market Estimates & Forecasts By Function  
2024–2035

Table 6. Global Warehouse Robotics Market Estimates & Forecasts By Industry  
2024–2035

Table 7. U.S. Warehouse Robotics Market Estimates & Forecasts 2024–2035

Table 8. Canada Warehouse Robotics Market Estimates & Forecasts 2024–2035

Table 9. UK Warehouse Robotics Market Estimates & Forecasts 2024–2035

Table 10. Germany Warehouse Robotics Market Estimates & Forecasts 2024–2035

Table 11. France Warehouse Robotics Market Estimates & Forecasts 2024–2035

Table 12. Spain Warehouse Robotics Market Estimates & Forecasts 2024–2035

Table 13. Italy Warehouse Robotics Market Estimates & Forecasts 2024–2035

Table 14. Rest of Europe Warehouse Robotics Market Estimates & Forecasts  
2024–2035

Table 15. China Warehouse Robotics Market Estimates & Forecasts 2024–2035

Table 16. India Warehouse Robotics Market Estimates & Forecasts 2024–2035

Table 17. Japan Warehouse Robotics Market Estimates & Forecasts 2024–2035

Table 18. Australia Warehouse Robotics Market Estimates & Forecasts 2024–2035

Table 19. South Korea Warehouse Robotics Market Estimates & Forecasts 2024–2035

Table 20. Brazil Warehouse Robotics Market Estimates & Forecasts 2024–2035

Table 21. Mexico Warehouse Robotics Market Estimates & Forecasts 2024–2035

Table 22. UAE Warehouse Robotics Market Estimates & Forecasts 2024–2035

Table 23. Saudi Arabia Warehouse Robotics Market Estimates & Forecasts 2024–2035

Table 24. South Africa Warehouse Robotics Market Estimates & Forecasts 2024–2035

Table 25. Rest of Middle East & Africa Warehouse Robotics Market Estimates &  
Forecasts 2024–2035

## List Of Figures

### LIST OF FIGURES

- Fig 1. Global Warehouse Robotics Market, Research Methodology
- Fig 2. Global Warehouse Robotics Market, Market Estimation Techniques
- Fig 3. Global Market Size Estimates & Forecast Methods
- Fig 4. Global Warehouse Robotics Market, Key Trends 2025
- Fig 5. Global Warehouse Robotics Market, Growth Prospects 2024–2035
- Fig 6. Global Warehouse Robotics Market, Porter's Five Forces Model
- Fig 7. Global Warehouse Robotics Market, PESTEL Analysis
- Fig 8. Global Warehouse Robotics Market, Value Chain Analysis
- Fig 9. Warehouse Robotics Market By Type, 2025 & 2035
- Fig 10. Warehouse Robotics Market By Payload, 2025 & 2035
- Fig 11. Warehouse Robotics Market By Function, 2025 & 2035
- Fig 12. Warehouse Robotics Market By Industry, 2025 & 2035
- Fig 13. North America Warehouse Robotics Market, 2025 & 2035
- Fig 14. Europe Warehouse Robotics Market, 2025 & 2035
- Fig 15. Asia Pacific Warehouse Robotics Market, 2025 & 2035
- Fig 16. Latin America Warehouse Robotics Market, 2025 & 2035
- Fig 17. Middle East & Africa Warehouse Robotics Market, 2025 & 2035
- Fig 18. Global Warehouse Robotics Market, Company Market Share Analysis (2025)
- Fig 19. Global Warehouse Robotics Market, Pricing Trends (2025)
- Fig 20. Global Warehouse Robotics Market, Use-Case Adoption Scenarios (2025)



## I would like to order

Product name: Global Warehouse Robotics Market Size Study & Forecast, by Type, Payload, Function, Industry, and Regional Forecasts 2025-2035

Product link: <https://marketpublishers.com/r/GCAE3AF0C459EN.html>

Price: US\$ 3,218.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GCAE3AF0C459EN.html>