

Logistics and Warehouse Robot - Global Market Outlook (2017-2026)

<https://marketpublishers.com/r/L4446F01106EN.html>

Date: June 2018

Pages: 185

Price: US\$ 4,150.00 (Single User License)

ID: L4446F01106EN

Abstracts

According to Statistics MRC, the Global Logistics and Warehouse Robot Market is accounted for \$3.19 billion in 2017 and is expected to reach \$80.86 billion by 2026 growing at a CAGR of 43.2% during the forecast period. Increasing demand for automation across growing industrial applications, expansion in e-commerce sector and improvements in hardware-related drawbacks are some key factors propelling the market growth. However, high initial investment and declining services across warehouse centers are hindering the market.

By Type, collaborative robots are anticipated to have a considerable growth in the market. Collaborative robots are tools designed and developed for automating tasks and making work simpler for humans. The constant growth in the automation industry is expected to boost the growth of the market. The security of these robots has improved their demand in different end-user industries as they can perfectly work in tandem with the human workforce.

Based on geography, Asia-Pacific is expected to have a significant growth in the market. The amplified requirement for the logistics and warehouse robots in China is owing to its high demand across e-commerce industries. Japan and Republic of Korea are some of the other prominent countries in Asia-Pacific for the growth of the market.

Some of the key players in the logistics and warehouse robot market are ABB Robotics, Amazon Robotics LLC, Fetch Robotics, Inc, GreyOrange Pte Ltd, KION Group AG, Rethink Robotics, Yaskawa Electric Corporation, Aethon Inc, DAIFUKU Co, Ltd, KUKA AG, Omron Adept Technology, Seegrid Corporation, IAM Robotics, Fanuc Corporation and Clearpath Inc (OTTO Motors).

Types Covered:

Cartesian Robots

Parallel Robots

Collaborative Robots

Articulated Robots

Selective Compliance Assembly Robot Arm (SCARA) Robots

Mobile Robots

End-Users Covered:

Electrical and Electronics

Pharmaceutical

E-Commerce

Automotive

Food and Beverages

Other End Users

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

Market share assessments for the regional and country level segments

Market share analysis of the top industry players

Strategic recommendations for the new entrants

Market forecasts for a minimum of 9 years of all the mentioned segments, sub segments and the regional markets

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

Contents

1 EXECUTIVE SUMMARY

2 PREFACE

- 2.1 Abstract
- 2.2 Stake Holders
- 2.3 Research Scope
- 2.4 Research Methodology
 - 2.4.1 Data Mining
 - 2.4.2 Data Analysis
 - 2.4.3 Data Validation
 - 2.4.4 Research Approach
- 2.5 Research Sources
 - 2.5.1 Primary Research Sources
 - 2.5.2 Secondary Research Sources
 - 2.5.3 Assumptions

3 MARKET TREND ANALYSIS

- 3.1 Introduction
- 3.2 Drivers
- 3.3 Restraints
- 3.4 Opportunities
- 3.5 Threats
- 3.6 End User Analysis
- 3.7 Emerging Markets
- 3.8 Futuristic Market Scenario

4 PORTERS FIVE FORCE ANALYSIS

- 4.1 Bargaining power of suppliers
- 4.2 Bargaining power of buyers
- 4.3 Threat of substitutes
- 4.4 Threat of new entrants
- 4.5 Competitive rivalry

5 GLOBAL LOGISTICS AND WAREHOUSE ROBOT MARKET, BY TYPE

5.1 Introduction

5.2 Cartesian Robots

5.3 Parallel Robots

5.4 Collaborative Robots

5.5 Articulated Robots

5.6 Selective Compliance Assembly Robot Arm (SCARA) Robots

5.7 Mobile Robots

5.7.1 Automated Mobile Robots (AMRs)

5.7.1.1 Hardware

5.7.1.1.1 Power System

5.7.1.1.2 Input Side (Sensor Board, Scanner and Camera)

5.7.1.1.3 Processing Side (Central Control Unit and Communication Unit)

5.7.1.1.4 Actuator (Motor Driver and DC Motor)

5.7.1.2 Software

5.7.2 Automated Guided Vehicles (AGVs)

5.7.2.1 Hardware

5.7.2.1.1 Power System (Power Transfer System and Batteries)

5.7.2.1.2 Input Side (Camera, scanner and Sensor Board)

5.7.2.1.3 Processing Side (Main Unit Kit, Communication Unit, Motor Driver Kit and Lifter Driver Kit)

5.7.2.1.4 Actuator (DC Motor Drivers and Lifter Motor)

5.7.2.2 Software

6 GLOBAL LOGISTICS AND WAREHOUSE ROBOT MARKET, BY END-USER

6.1 Introduction

6.2 Electrical and Electronics

6.3 Pharmaceutical

6.4 E-Commerce

6.5 Automotive

6.6 Food and Beverages

6.7 Other End Users

7 GLOBAL LOGISTICS AND WAREHOUSE ROBOT MARKET, BY GEOGRAPHY

7.1 Introduction

7.2 North America

7.2.1 US

- 7.2.2 Canada
- 7.2.3 Mexico
- 7.3 Europe
 - 7.3.1 Germany
 - 7.3.2 UK
 - 7.3.3 Italy
 - 7.3.4 France
 - 7.3.5 Spain
 - 7.3.6 Rest of Europe
- 7.4 Asia Pacific
 - 7.4.1 Japan
 - 7.4.2 China
 - 7.4.3 India
 - 7.4.4 Australia
 - 7.4.5 New Zealand
 - 7.4.6 South Korea
 - 7.4.7 Rest of Asia Pacific
- 7.5 South America
 - 7.5.1 Argentina
 - 7.5.2 Brazil
 - 7.5.3 Chile
 - 7.5.4 Rest of South America
- 7.6 Middle East & Africa
 - 7.6.1 Saudi Arabia
 - 7.6.2 UAE
 - 7.6.3 Qatar
 - 7.6.4 South Africa
 - 7.6.5 Rest of Middle East & Africa

8 KEY DEVELOPMENTS

- 8.1 Agreements, Partnerships, Collaborations and Joint Ventures
- 8.2 Acquisitions & Mergers
- 8.3 New Product Launch
- 8.4 Expansions
- 8.5 Other Key Strategies

9 COMPANY PROFILING

- 9.1 ABB Robotics
- 9.2 Amazon Robotics LLC
- 9.3 Fetch Robotics, Inc
- 9.4 GreyOrange Pte Ltd
- 9.5 KION Group AG
- 9.6 Rethink Robotics
- 9.7 Yaskawa Electric Corporation
- 9.8 Aethon Inc
- 9.9 DAIFUKU Co, Ltd
- 9.10 KUKA AG
- 9.11 Omron Adept Technology
- 9.12 Seegrid Corporation
- 9.13 IAM Robotics
- 9.14 Fanuc Corporation
- 9.15 Clearpath Inc (OTTO Motors)

List Of Tables

LIST OF TABLES

Table 1 Global Logistics and Warehouse Robot Market Outlook, By Region (2016-2026) (US \$MN)

Table 2 Global Logistics and Warehouse Robot Market Outlook, By Type (2016-2026) (US \$MN)

Table 3 Global Logistics and Warehouse Robot Market Outlook, By Cartesian Robots (2016-2026) (US \$MN)

Table 4 Global Logistics and Warehouse Robot Market Outlook, By Parallel Robots (2016-2026) (US \$MN)

Table 5 Global Logistics and Warehouse Robot Market Outlook, By Collaborative Robots (2016-2026) (US \$MN)

Table 6 Global Logistics and Warehouse Robot Market Outlook, By Articulated Robots (2016-2026) (US \$MN)

Table 7 Global Logistics and Warehouse Robot Market Outlook, By Selective Compliance Assembly Robot Arm (SCARA) Robots (2016-2026) (US \$MN)

Table 8 Global Logistics and Warehouse Robot Market Outlook, By Mobile Robots (2016-2026) (US \$MN)

Table 9 Global Logistics and Warehouse Robot Market Outlook, By Automated Mobile Robots (AMRs) (2016-2026) (US \$MN)

Table 10 Global Logistics and Warehouse Robot Market Outlook, By Automated Guided Vehicles (AGVs) (2016-2026) (US \$MN)

Table 11 Global Logistics and Warehouse Robot Market Outlook, By End-User (2016-2026) (US \$MN)

Table 12 Global Logistics and Warehouse Robot Market Outlook, By Electrical and Electronics (2016-2026) (US \$MN)

Table 13 Global Logistics and Warehouse Robot Market Outlook, By Pharmaceutical (2016-2026) (US \$MN)

Table 14 Global Logistics and Warehouse Robot Market Outlook, By E-Commerce (2016-2026) (US \$MN)

Table 15 Global Logistics and Warehouse Robot Market Outlook, By Automotive (2016-2026) (US \$MN)

Table 16 Global Logistics and Warehouse Robot Market Outlook, By Food and Beverages (2016-2026) (US \$MN)

Table 17 Global Logistics and Warehouse Robot Market Outlook, By Other End Users (2016-2026) (US \$MN)

Table 18 North America Logistics and Warehouse Robot Market Outlook, By Country

(2016-2026) (US \$MN)

Table 19 North America Logistics and Warehouse Robot Market Outlook, By Type

(2016-2026) (US \$MN)

Table 20 North America Logistics and Warehouse Robot Market Outlook, By Cartesian Robots (2016-2026) (US \$MN)

Table 21 North America Logistics and Warehouse Robot Market Outlook, By Parallel Robots (2016-2026) (US \$MN)

Table 22 North America Logistics and Warehouse Robot Market Outlook, By Collaborative Robots (2016-2026) (US \$MN)

Table 23 North America Logistics and Warehouse Robot Market Outlook, By Articulated Robots (2016-2026) (US \$MN)

Table 24 North America Logistics and Warehouse Robot Market Outlook, By Selective Compliance Assembly Robot Arm (SCARA) Robots (2016-2026) (US \$MN)

Table 25 North America Logistics and Warehouse Robot Market Outlook, By Mobile Robots (2016-2026) (US \$MN)

Table 26 North America Logistics and Warehouse Robot Market Outlook, By Automated Mobile Robots (AMRs) (2016-2026) (US \$MN)

Table 27 North America Logistics and Warehouse Robot Market Outlook, By Automated Guided Vehicles (AGVs) (2016-2026) (US \$MN)

Table 28 North America Logistics and Warehouse Robot Market Outlook, By End-User (2016-2026) (US \$MN)

Table 29 North America Logistics and Warehouse Robot Market Outlook, By Electrical and Electronics (2016-2026) (US \$MN)

Table 30 North America Logistics and Warehouse Robot Market Outlook, By Pharmaceutical (2016-2026) (US \$MN)

Table 31 North America Logistics and Warehouse Robot Market Outlook, By E-Commerce (2016-2026) (US \$MN)

Table 32 North America Logistics and Warehouse Robot Market Outlook, By Automotive (2016-2026) (US \$MN)

Table 33 North America Logistics and Warehouse Robot Market Outlook, By Food and Beverages (2016-2026) (US \$MN)

Table 34 North America Logistics and Warehouse Robot Market Outlook, By Other End Users (2016-2026) (US \$MN)

Table 35 Europe Logistics and Warehouse Robot Market Outlook, By Country (2016-2026) (US \$MN)

Table 36 Europe Logistics and Warehouse Robot Market Outlook, By Type (2016-2026) (US \$MN)

Table 37 Europe Logistics and Warehouse Robot Market Outlook, By Cartesian Robots (2016-2026) (US \$MN)

Table 38 Europe Logistics and Warehouse Robot Market Outlook, By Parallel Robots (2016-2026) (US \$MN)

Table 39 Europe Logistics and Warehouse Robot Market Outlook, By Collaborative Robots (2016-2026) (US \$MN)

Table 40 Europe Logistics and Warehouse Robot Market Outlook, By Articulated Robots (2016-2026) (US \$MN)

Table 41 Europe Logistics and Warehouse Robot Market Outlook, By Selective Compliance Assembly Robot Arm (SCARA) Robots (2016-2026) (US \$MN)

Table 42 Europe Logistics and Warehouse Robot Market Outlook, By Mobile Robots (2016-2026) (US \$MN)

Table 43 Europe Logistics and Warehouse Robot Market Outlook, By Automated Mobile Robots (AMRs) (2016-2026) (US \$MN)

Table 44 Europe Logistics and Warehouse Robot Market Outlook, By Automated Guided Vehicles (AGVs) (2016-2026) (US \$MN)

Table 45 Europe Logistics and Warehouse Robot Market Outlook, By End-User (2016-2026) (US \$MN)

Table 46 Europe Logistics and Warehouse Robot Market Outlook, By Electrical and Electronics (2016-2026) (US \$MN)

Table 47 Europe Logistics and Warehouse Robot Market Outlook, By Pharmaceutical (2016-2026) (US \$MN)

Table 48 Europe Logistics and Warehouse Robot Market Outlook, By E-Commerce (2016-2026) (US \$MN)

Table 49 Europe Logistics and Warehouse Robot Market Outlook, By Automotive (2016-2026) (US \$MN)

Table 50 Europe Logistics and Warehouse Robot Market Outlook, By Food and Beverages (2016-2026) (US \$MN)

Table 51 Europe Logistics and Warehouse Robot Market Outlook, By Other End Users (2016-2026) (US \$MN)

Table 52 Asia Pacific Logistics and Warehouse Robot Market Outlook, By Country (2016-2026) (US \$MN)

Table 53 Asia Pacific Logistics and Warehouse Robot Market Outlook, By Type (2016-2026) (US \$MN)

Table 54 Asia Pacific Logistics and Warehouse Robot Market Outlook, By Cartesian Robots (2016-2026) (US \$MN)

Table 55 Asia Pacific Logistics and Warehouse Robot Market Outlook, By Parallel Robots (2016-2026) (US \$MN)

Table 56 Asia Pacific Logistics and Warehouse Robot Market Outlook, By Collaborative Robots (2016-2026) (US \$MN)

Table 57 Asia Pacific Logistics and Warehouse Robot Market Outlook, By Articulated

Robots (2016-2026) (US \$MN)

Table 58 Asia Pacific Logistics and Warehouse Robot Market Outlook, By Selective Compliance Assembly Robot Arm (SCARA) Robots (2016-2026) (US \$MN)

Table 59 Asia Pacific Logistics and Warehouse Robot Market Outlook, By Mobile Robots (2016-2026) (US \$MN)

Table 60 Asia Pacific Logistics and Warehouse Robot Market Outlook, By Automated Mobile Robots (AMRs) (2016-2026) (US \$MN)

Table 61 Asia Pacific Logistics and Warehouse Robot Market Outlook, By Automated Guided Vehicles (AGVs) (2016-2026) (US \$MN)

Table 62 Asia Pacific Logistics and Warehouse Robot Market Outlook, By End-User (2016-2026) (US \$MN)

Table 63 Asia Pacific Logistics and Warehouse Robot Market Outlook, By Electrical and Electronics (2016-2026) (US \$MN)

Table 64 Asia Pacific Logistics and Warehouse Robot Market Outlook, By Pharmaceutical (2016-2026) (US \$MN)

Table 65 Asia Pacific Logistics and Warehouse Robot Market Outlook, By E-Commerce (2016-2026) (US \$MN)

Table 66 Asia Pacific Logistics and Warehouse Robot Market Outlook, By Automotive (2016-2026) (US \$MN)

Table 67 Asia Pacific Logistics and Warehouse Robot Market Outlook, By Food and Beverages (2016-2026) (US \$MN)

Table 68 Asia Pacific Logistics and Warehouse Robot Market Outlook, By Other End Users (2016-2026) (US \$MN)

Table 69 South America Logistics and Warehouse Robot Market Outlook, By Country (2016-2026) (US \$MN)

Table 70 South America Logistics and Warehouse Robot Market Outlook, By Type (2016-2026) (US \$MN)

Table 71 South America Logistics and Warehouse Robot Market Outlook, By Cartesian Robots (2016-2026) (US \$MN)

Table 72 South America Logistics and Warehouse Robot Market Outlook, By Parallel Robots (2016-2026) (US \$MN)

Table 73 South America Logistics and Warehouse Robot Market Outlook, By Collaborative Robots (2016-2026) (US \$MN)

Table 74 South America Logistics and Warehouse Robot Market Outlook, By Articulated Robots (2016-2026) (US \$MN)

Table 75 South America Logistics and Warehouse Robot Market Outlook, By Selective Compliance Assembly Robot Arm (SCARA) Robots (2016-2026) (US \$MN)

Table 76 South America Logistics and Warehouse Robot Market Outlook, By Mobile Robots (2016-2026) (US \$MN)

- Table 77 South America Logistics and Warehouse Robot Market Outlook, By Automated Mobile Robots (AMRs) (2016-2026) (US \$MN)
- Table 78 South America Logistics and Warehouse Robot Market Outlook, By Automated Guided Vehicles (AGVs) (2016-2026) (US \$MN)
- Table 79 South America Logistics and Warehouse Robot Market Outlook, By End-User (2016-2026) (US \$MN)
- Table 80 South America Logistics and Warehouse Robot Market Outlook, By Electrical and Electronics (2016-2026) (US \$MN)
- Table 81 South America Logistics and Warehouse Robot Market Outlook, By Pharmaceutical (2016-2026) (US \$MN)
- Table 82 South America Logistics and Warehouse Robot Market Outlook, By E-Commerce (2016-2026) (US \$MN)
- Table 83 South America Logistics and Warehouse Robot Market Outlook, By Automotive (2016-2026) (US \$MN)
- Table 84 South America Logistics and Warehouse Robot Market Outlook, By Food and Beverages (2016-2026) (US \$MN)
- Table 85 South America Logistics and Warehouse Robot Market Outlook, By Other End Users (2016-2026) (US \$MN)
- Table 86 Middle East & Africa Logistics and Warehouse Robot Market Outlook, By Country (2016-2026) (US \$MN)
- Table 87 Middle East & Africa Logistics and Warehouse Robot Market Outlook, By Type (2016-2026) (US \$MN)
- Table 88 Middle East & Africa Logistics and Warehouse Robot Market Outlook, By Cartesian Robots (2016-2026) (US \$MN)
- Table 89 Middle East & Africa Logistics and Warehouse Robot Market Outlook, By Parallel Robots (2016-2026) (US \$MN)
- Table 90 Middle East & Africa Logistics and Warehouse Robot Market Outlook, By Collaborative Robots (2016-2026) (US \$MN)
- Table 91 Middle East & Africa Logistics and Warehouse Robot Market Outlook, By Articulated Robots (2016-2026) (US \$MN)
- Table 92 Middle East & Africa Logistics and Warehouse Robot Market Outlook, By Selective Compliance Assembly Robot Arm (SCARA) Robots (2016-2026) (US \$MN)
- Table 93 Middle East & Africa Logistics and Warehouse Robot Market Outlook, By Mobile Robots (2016-2026) (US \$MN)
- Table 94 Middle East & Africa Logistics and Warehouse Robot Market Outlook, By Automated Mobile Robots (AMRs) (2016-2026) (US \$MN)
- Table 95 Middle East & Africa Logistics and Warehouse Robot Market Outlook, By Automated Guided Vehicles (AGVs) (2016-2026) (US \$MN)
- Table 96 Middle East & Africa Logistics and Warehouse Robot Market Outlook, By End-

User (2016-2026) (US \$MN)

Table 97 Middle East & Africa Logistics and Warehouse Robot Market Outlook, By Electrical and Electronics (2016-2026) (US \$MN)

Table 98 Middle East & Africa Logistics and Warehouse Robot Market Outlook, By Pharmaceutical (2016-2026) (US \$MN)

Table 99 Middle East & Africa Logistics and Warehouse Robot Market Outlook, By E-Commerce (2016-2026) (US \$MN)

Table 100 Middle East & Africa Logistics and Warehouse Robot Market Outlook, By Automotive (2016-2026) (US \$MN)

Table 101 Middle East & Africa Logistics and Warehouse Robot Market Outlook, By Food and Beverages (2016-2026) (US \$MN)

Table 102 Middle East & Africa Logistics and Warehouse Robot Market Outlook, By Other End Users (2016-2026) (US \$MN)

I would like to order

Product name: Logistics and Warehouse Robot - Global Market Outlook (2017-2026)

Product link: <https://marketpublishers.com/r/L4446F01106EN.html>

Price: US\$ 4,150.00 (Single User License / Electronic Delivery)

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/L4446F01106EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970