

# Global Piece Picking Robots Market Size study & Forecast, by Type of Robot (Collaborative, Mobile), End-user Vertical (Pharmaceutical, Retail/Warehousing/Distribution Centers/Logistics Centers), and Regional Analysis, 2023-2030

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## Abstracts

Global Piece Picking Robots Market is valued at approximately USD XX billion in 2022 and is anticipated to grow with a healthy growth rate of more than 62.5% over the forecast period 2023-2030. Piece-picking robots are effective in assisting employees by removing the need for labor to be committed to repetitive and crucial activities. These are the software-driven, hardware-supported solutions that manage the essential activity of selecting and positioning individual objects as part of a variety of workflows and processes. Piece-picking robots enhance performance and efficiency in intralogistics and order fulfillment for e-commerce. Currently, pick-and-place robots are often used in production environments. The process of collecting components or other items and placing them in various locations is ramped up by pick-and-place robotization. The market is driven by key factors such as rising adoption of E-commerce & Product Assortment and increasing Investments in Automation.

Robotic technology will be used to do 45% of all production by 2025, estimates Bank of America. Following this trend, major companies such as Foxconn Technology, a Chinese supplier for major technology companies such as Samsung, and Raymond Limited, an Indian textile giant, have replaced (or plan to replace) 10,000 and 60,000 workers, respectively, by integrating automated technology into their factories. Therefore, the market is driven by rising automation investment. Furthermore, according to inVia Robotics, Inc., employees' time spent moving about the warehouse accounts for over 50% of the total pick time and more than 50% of all operating expenses. Additionally, it is difficult to locate and maintain employees in today's competitive labor

market, which frequently results in a time-consuming and costly cycle of employing and training temporary workers. These factors together are driving the market expansion. The expansion of the market under study is also fueled by the increase in the number of robots in industrial areas. IFR estimates that 4,35,000 industrial robots will be sold globally in 2021. The region with the most installed units in 2021 was Asia/Australia, with an estimated 3,06,000. 370,000 industrial robots are anticipated to be installed in Asia and Australia by 2024. Moreover, growing Adoption of Collaborative Robots and growing investment in technological advancement enhance the opportunities for the market. However, inability of the Grippers to Deal with Unusual Items and lack of required skill labor stifle market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Piece Picking Robots Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. North America is leading the global market share owing to growing investment in technological advancement and presence of leading players in this region. However, Asia Pacific is expected to be the fastest growing region due to rising investment in automation and presence of key companies.

Major market player included in this report are:

Grey Orange Pte. Ltd.

Plus One Robotics Inc.

Kindred Systems Inc.

Universal Robots A/S

XYZ Robotics Inc.

Righthand Robotics Inc.

Berkshire Grey Inc.

Robomotive BV

Lyro Robotics Pty Ltd.

Knapp AG

Recent Developments in the Market:

March 2022, RightHand Robotics, a leading provider of data-driven, autonomous robotic picking solutions for order fulfilment, has announced the launch of its Partner Integrator programme. This programme creates an ecosystem for robotic piece-picking projects with complementary warehouse technologies and solution providers to meet future global demands for e-commerce order fulfilment.

August 2022: As part of its Smart Item robots (SIR) portfolio of technologies, Vanderlande has announced the installation of a special automated piece-picking robot that fits with its plan to speed up the usage of robots in warehouses. It has powerful vision technology, control software, and intelligent gripper technology.

Global Piece Picking Robots Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

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

Segments Covered – Type of Robot, End User Application, Region

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

Customization Scope - Free report customization (equivalent up to 8 analyst's 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 to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Type of Robot:

Collaborative

Mobile and others

By End User Application:

Pharmaceutical

Retail/Warehousing/Distribution Centers/Logistics Centers

Other End User Applications

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

## Contents

### **CHAPTER 1. EXECUTIVE SUMMARY**

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2020-2030 (USD Billion)
  - 1.2.1. Piece Picking Robots Market, by region, 2020-2030 (USD Billion)
  - 1.2.2. Piece Picking Robots Market, by Type of Robot, 2020-2030 (USD Billion)
  - 1.2.3. Piece Picking Robots Market, by End User Application, 2020-2030 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

### **CHAPTER 2. GLOBAL PIECE PICKING ROBOTS MARKET DEFINITION AND SCOPE**

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
  - 2.2.1. Industry Evolution
  - 2.2.2. Scope of the Study
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

### **CHAPTER 3. GLOBAL PIECE PICKING ROBOTS MARKET DYNAMICS**

- 3.1. Piece Picking Robots Market Impact Analysis (2020-2030)
  - 3.1.1. Market Drivers
    - 3.1.1.1. Rising Adoption of E-commerce & Product Assortment
    - 3.1.1.2. Increasing Investments in Automation
  - 3.1.2. Market Challenges
    - 3.1.2.1. Inability of the Grippers to Deal with Unusual Items
    - 3.1.2.2. Lack of required skill labour
  - 3.1.3. Market Opportunities
    - 3.1.3.1. Growing Adoption of Collaborative Robots
    - 3.1.3.2. Growing investment in technological advancement

### **CHAPTER 4. GLOBAL PIECE PICKING ROBOTS MARKET: INDUSTRY ANALYSIS**

- 4.1. Porter's 5 Force Model

- 4.1.1. Bargaining Power of Suppliers
- 4.1.2. Bargaining Power of Buyers
- 4.1.3. Threat of New Entrants
- 4.1.4. Threat of Substitutes
- 4.1.5. Competitive Rivalry
- 4.2. Porter's 5 Force Impact Analysis
- 4.3. PEST 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 opportunity
- 4.5. Top winning strategies
- 4.6. COVID-19 Impact Analysis
- 4.7. Disruptive Trends
- 4.8. Industry Expert Perspective
- 4.9. Analyst Recommendation & Conclusion

## **CHAPTER 5. GLOBAL PIECE PICKING ROBOTS MARKET, BY TYPE OF ROBOT**

- 5.1. Market Snapshot
- 5.2. Global Piece Picking Robots Market by Type of Robot, Performance - Potential Analysis
- 5.3. Global Piece Picking Robots Market Estimates & Forecasts by Type of Robot 2020-2030 (USD Billion)
- 5.4. Piece Picking Robots Market, Sub Segment Analysis
  - 5.4.1. Collaborative
  - 5.4.2. Mobile and others

## **CHAPTER 6. GLOBAL PIECE PICKING ROBOTS MARKET, BY END USER APPLICATION**

- 6.1. Market Snapshot
- 6.2. Global Piece Picking Robots Market by End User Application, Performance - Potential Analysis
- 6.3. Global Piece Picking Robots Market Estimates & Forecasts by End User Application 2020-2030 (USD Billion)

## 6.4. Piece Picking Robots Market, Sub Segment Analysis

6.4.1. Pharmaceutical

6.4.2. Retail/Warehousing/Distribution Centers/Logistics Centers

6.4.3. Other End User Applications

## **CHAPTER 7. GLOBAL PIECE PICKING ROBOTS MARKET, REGIONAL ANALYSIS**

7.1. Top Leading Countries

7.2. Top Emerging Countries

7.3. Piece Picking Robots Market, Regional Market Snapshot

7.4. North America Piece Picking Robots Market

7.4.1. U.S. Piece Picking Robots Market

7.4.1.1. Type of Robot breakdown estimates & forecasts, 2020-2030

7.4.1.2. End User Application breakdown estimates & forecasts, 2020-2030

7.4.2. Canada Piece Picking Robots Market

7.5. Europe Piece Picking Robots Market Snapshot

7.5.1. U.K. Piece Picking Robots Market

7.5.2. Germany Piece Picking Robots Market

7.5.3. France Piece Picking Robots Market

7.5.4. Spain Piece Picking Robots Market

7.5.5. Italy Piece Picking Robots Market

7.5.6. Rest of Europe Piece Picking Robots Market

7.6. Asia-Pacific Piece Picking Robots Market Snapshot

7.6.1. China Piece Picking Robots Market

7.6.2. India Piece Picking Robots Market

7.6.3. Japan Piece Picking Robots Market

7.6.4. Australia Piece Picking Robots Market

7.6.5. South Korea Piece Picking Robots Market

7.6.6. Rest of Asia Pacific Piece Picking Robots Market

7.7. Latin America Piece Picking Robots Market Snapshot

7.7.1. Brazil Piece Picking Robots Market

7.7.2. Mexico Piece Picking Robots Market

7.8. Middle East & Africa Piece Picking Robots Market

7.8.1. Saudi Arabia Piece Picking Robots Market

7.8.2. South Africa Piece Picking Robots Market

7.8.3. Rest of Middle East & Africa Piece Picking Robots Market

## **CHAPTER 8. COMPETITIVE INTELLIGENCE**



- 8.1. Key Company SWOT Analysis
  - 8.1.1. Company
  - 8.1.2. Company
  - 8.1.3. Company
- 8.2. Top Market Strategies
- 8.3. Company Profiles
  - 8.3.1. Grey Orange Pte. Ltd.
    - 8.3.1.1. Key Information
    - 8.3.1.2. Overview
    - 8.3.1.3. Financial (Subject to Data Availability)
    - 8.3.1.4. Product Summary
    - 8.3.1.5. Recent Developments
  - 8.3.2. Plus One Robotics Inc.
  - 8.3.3. Kindred Systems Inc.
  - 8.3.4. Universal Robots A/S
  - 8.3.5. XYZ Robotics Inc.
  - 8.3.6. Righthand Robotics Inc.
  - 8.3.7. Berkshire Grey Inc.
  - 8.3.8. Robomotive BV
  - 8.3.9. Lyro Robotics Pty Ltd.
  - 8.3.10. Knapp AG

## **CHAPTER 9. RESEARCH PROCESS**

- 9.1. Research Process
  - 9.1.1. Data Mining
  - 9.1.2. Analysis
  - 9.1.3. Market Estimation
  - 9.1.4. Validation
  - 9.1.5. Publishing
- 9.2. Research Attributes
- 9.3. Research Assumption

## List Of Tables

### LIST OF TABLES

TABLE 1. Global Piece Picking Robots Market, report scope

TABLE 2. Global Piece Picking Robots Market estimates & forecasts by Region  
2020-2030 (USD Billion)

TABLE 3. Global Piece Picking Robots Market estimates & forecasts by Type of Robot  
2020-2030 (USD Billion)

TABLE 4. Global Piece Picking Robots Market estimates & forecasts by End User  
Application 2020-2030 (USD Billion)

TABLE 5. Global Piece Picking Robots Market by segment, estimates & forecasts,  
2020-2030 (USD Billion)

TABLE 6. Global Piece Picking Robots Market by region, estimates & forecasts,  
2020-2030 (USD Billion)

TABLE 7. Global Piece Picking Robots Market by segment, estimates & forecasts,  
2020-2030 (USD Billion)

TABLE 8. Global Piece Picking Robots Market by region, estimates & forecasts,  
2020-2030 (USD Billion)

TABLE 9. Global Piece Picking Robots Market by segment, estimates & forecasts,  
2020-2030 (USD Billion)

TABLE 10. Global Piece Picking Robots Market by region, estimates & forecasts,  
2020-2030 (USD Billion)

TABLE 11. Global Piece Picking Robots Market by segment, estimates & forecasts,  
2020-2030 (USD Billion)

TABLE 12. Global Piece Picking Robots Market by region, estimates & forecasts,  
2020-2030 (USD Billion)

TABLE 13. Global Piece Picking Robots Market by segment, estimates & forecasts,  
2020-2030 (USD Billion)

TABLE 14. Global Piece Picking Robots Market by region, estimates & forecasts,  
2020-2030 (USD Billion)

TABLE 15. U.S. Piece Picking Robots Market estimates & forecasts, 2020-2030 (USD  
Billion)

TABLE 16. U.S. Piece Picking Robots Market estimates & forecasts by segment  
2020-2030 (USD Billion)

TABLE 17. U.S. Piece Picking Robots Market estimates & forecasts by segment  
2020-2030 (USD Billion)

TABLE 18. Canada Piece Picking Robots Market estimates & forecasts, 2020-2030  
(USD Billion)

TABLE 19. Canada Piece Picking Robots Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 20. Canada Piece Picking Robots Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 21. UK Piece Picking Robots Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 22. UK Piece Picking Robots Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 23. UK Piece Picking Robots Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 24. Germany Piece Picking Robots Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 25. Germany Piece Picking Robots Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 26. Germany Piece Picking Robots Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 27. France Piece Picking Robots Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 28. France Piece Picking Robots Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 29. France Piece Picking Robots Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 30. Italy Piece Picking Robots Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 31. Italy Piece Picking Robots Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 32. Italy Piece Picking Robots Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 33. Spain Piece Picking Robots Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 34. Spain Piece Picking Robots Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 35. Spain Piece Picking Robots Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 36. RoE Piece Picking Robots Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 37. RoE Piece Picking Robots Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 38. RoE Piece Picking Robots Market estimates & forecasts by segment

2020-2030 (USD Billion)

TABLE 39. China Piece Picking Robots Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 40. China Piece Picking Robots Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 41. China Piece Picking Robots Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 42. India Piece Picking Robots Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 43. India Piece Picking Robots Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 44. India Piece Picking Robots Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 45. Japan Piece Picking Robots Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 46. Japan Piece Picking Robots Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 47. Japan Piece Picking Robots Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 48. South Korea Piece Picking Robots Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 49. South Korea Piece Picking Robots Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 50. South Korea Piece Picking Robots Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 51. Australia Piece Picking Robots Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 52. Australia Piece Picking Robots Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 53. Australia Piece Picking Robots Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 54. RoAPAC Piece Picking Robots Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 55. RoAPAC Piece Picking Robots Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 56. RoAPAC Piece Picking Robots Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 57. Brazil Piece Picking Robots Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 58. Brazil Piece Picking Robots Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 59. Brazil Piece Picking Robots Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 60. Mexico Piece Picking Robots Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 61. Mexico Piece Picking Robots Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 62. Mexico Piece Picking Robots Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 63. RoLA Piece Picking Robots Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 64. RoLA Piece Picking Robots Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 65. RoLA Piece Picking Robots Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 66. Saudi Arabia Piece Picking Robots Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 67. South Africa Piece Picking Robots Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 68. RoMEA Piece Picking Robots Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 69. List of secondary sources, used in the study of global Piece Picking Robots Market

TABLE 70. List of primary sources, used in the study of global Piece Picking Robots Market

TABLE 71. Years considered for the study

TABLE 72. Exchange rates considered

List of tables and figures and dummy in nature, final lists may vary in the final deliverable

## List Of Figures

### LIST OF FIGURES

- FIG 1. Global Piece Picking Robots Market, research methodology
  - FIG 2. Global Piece Picking Robots Market, Market estimation techniques
  - FIG 3. Global Market size estimates & forecast methods
  - FIG 4. Global Piece Picking Robots Market, key trends 2022
  - FIG 5. Global Piece Picking Robots Market, growth prospects 2023-2030
  - FIG 6. Global Piece Picking Robots Market, porters 5 force model
  - FIG 7. Global Piece Picking Robots Market, pest analysis
  - FIG 8. Global Piece Picking Robots Market, value chain analysis
  - FIG 9. Global Piece Picking Robots Market by segment, 2020 & 2030 (USD Billion)
  - FIG 10. Global Piece Picking Robots Market by segment, 2020 & 2030 (USD Billion)
  - FIG 11. Global Piece Picking Robots Market by segment, 2020 & 2030 (USD Billion)
  - FIG 12. Global Piece Picking Robots Market by segment, 2020 & 2030 (USD Billion)
  - FIG 13. Global Piece Picking Robots Market by segment, 2020 & 2030 (USD Billion)
  - FIG 14. Global Piece Picking Robots Market, regional snapshot 2020 & 2030
  - FIG 15. North America Piece Picking Robots Market 2020 & 2030 (USD Billion)
  - FIG 16. Europe Piece Picking Robots Market 2020 & 2030 (USD Billion)
  - FIG 17. Asia pacific Piece Picking Robots Market 2020 & 2030 (USD Billion)
  - FIG 18. Latin America Piece Picking Robots Market 2020 & 2030 (USD Billion)
  - FIG 19. Middle East & Africa Piece Picking Robots Market 2020 & 2030 (USD Billion)
- List of tables and figures and dummy in nature, final lists may vary in the final deliverable

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