

# Global Large Port AGVs Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

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## Abstracts

According to our (Global Info Research) latest study, the global Large Port AGVs market size was valued at US\$ 901 million in 2024 and is forecast to a readjusted size of USD 1371 million by 2031 with a CAGR of 6.2% during review period.

Large Port Automated Guided Vehicles (AGVs) are specialized robotic systems designed for the efficient, automated transportation of containers, cargo, and goods within large-scale port environments. These vehicles operate autonomously using advanced navigation technologies, such as laser guidance or GPS, and are integrated into terminal management systems to optimize operations. Commonly used for tasks like container handling, yard management, and dock-to-dock transportation, Large Port AGVs enhance port efficiency, reduce labor costs, and improve safety by minimizing human intervention in high-risk environments. They are critical components of modern, automated port infrastructure, supporting seamless and scalable logistics operations.

This report is a detailed and comprehensive analysis for global Large Port AGVs market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Large Port AGVs market size and forecasts, in consumption value (\$ Million),

sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Large Port AGVs market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Large Port AGVs market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Large Port AGVs market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2020-2025

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Large Port AGVs

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Large Port AGVs market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include KUKA (Swisslog), Daifuku, Knapp, Dematic, Grenzebach, Bastian, CIM Corp, CSG, Toyota Material Handling, DS Automotion, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

## Market Segmentation

Large Port AGVs market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

## Market segment by Type

### Container AGVs

Forklift AGVs

Other

#### Market segment by Application

Container Handling and Transport

Loading/Unloading of Vessels

Other

#### Major players covered

KUKA (Swisslog)

Daifuku

Knapp

Dematic

Grenzebach

Bastian

CIM Corp

CSG

Toyota Material Handling

DS Automotion

Hitachi

JBT

AGVE Group

Grey Orange

IAM Robotics

Fetch Robotics

Meidensha

Rocla

Yonegy

Jaten Robot

Market segment by region, regional analysis covers  
North America (United States, Canada, and Mexico)  
Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)  
Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)  
South America (Brazil, Argentina, Colombia, and Rest of South America)  
Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Large Port AGVs product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Large Port AGVs, with price, sales quantity, revenue, and global market share of Large Port AGVs from 2020 to 2025.

Chapter 3, the Large Port AGVs competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Large Port AGVs breakdown data are shown at the regional level, to

show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2020 to 2025. and Large Port AGVs market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Large Port AGVs.

Chapter 14 and 15, to describe Large Port AGVs sales channel, distributors, customers, research findings and conclusion.

## Contents

### 1 MARKET OVERVIEW

1.1 Product Overview and Scope

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Large Port AGVs Consumption Value by Type: 2020 Versus 2024 Versus 2031

1.3.2 Container AGVs

1.3.3 Forklift AGVs

1.3.4 Other

1.4 Market Analysis by Application

1.4.1 Overview: Global Large Port AGVs Consumption Value by Application: 2020 Versus 2024 Versus 2031

1.4.2 Container Handling and Transport

1.4.3 Loading/Unloading of Vessels

1.4.4 Other

1.5 Global Large Port AGVs Market Size & Forecast

1.5.1 Global Large Port AGVs Consumption Value (2020 & 2024 & 2031)

1.5.2 Global Large Port AGVs Sales Quantity (2020-2031)

1.5.3 Global Large Port AGVs Average Price (2020-2031)

### 2 MANUFACTURERS PROFILES

2.1 KUKA (Swisslog)

2.1.1 KUKA (Swisslog) Details

2.1.2 KUKA (Swisslog) Major Business

2.1.3 KUKA (Swisslog) Large Port AGVs Product and Services

2.1.4 KUKA (Swisslog) Large Port AGVs Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.1.5 KUKA (Swisslog) Recent Developments/Updates

2.2 Daifuku

2.2.1 Daifuku Details

2.2.2 Daifuku Major Business

2.2.3 Daifuku Large Port AGVs Product and Services

2.2.4 Daifuku Large Port AGVs Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.2.5 Daifuku Recent Developments/Updates

## 2.3 Knapp

### 2.3.1 Knapp Details

### 2.3.2 Knapp Major Business

### 2.3.3 Knapp Large Port AGVs Product and Services

### 2.3.4 Knapp Large Port AGVs Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

### 2.3.5 Knapp Recent Developments/Updates

## 2.4 Dematic

### 2.4.1 Dematic Details

### 2.4.2 Dematic Major Business

### 2.4.3 Dematic Large Port AGVs Product and Services

### 2.4.4 Dematic Large Port AGVs Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

### 2.4.5 Dematic Recent Developments/Updates

## 2.5 Grenzebach

### 2.5.1 Grenzebach Details

### 2.5.2 Grenzebach Major Business

### 2.5.3 Grenzebach Large Port AGVs Product and Services

### 2.5.4 Grenzebach Large Port AGVs Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

### 2.5.5 Grenzebach Recent Developments/Updates

## 2.6 Bastian

### 2.6.1 Bastian Details

### 2.6.2 Bastian Major Business

### 2.6.3 Bastian Large Port AGVs Product and Services

### 2.6.4 Bastian Large Port AGVs Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

### 2.6.5 Bastian Recent Developments/Updates

## 2.7 CIM Corp

### 2.7.1 CIM Corp Details

### 2.7.2 CIM Corp Major Business

### 2.7.3 CIM Corp Large Port AGVs Product and Services

### 2.7.4 CIM Corp Large Port AGVs Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

### 2.7.5 CIM Corp Recent Developments/Updates

## 2.8 CSG

### 2.8.1 CSG Details

### 2.8.2 CSG Major Business

### 2.8.3 CSG Large Port AGVs Product and Services

2.8.4 CSG Large Port AGVs Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.8.5 CSG Recent Developments/Updates

2.9 Toyota Material Handling

2.9.1 Toyota Material Handling Details

2.9.2 Toyota Material Handling Major Business

2.9.3 Toyota Material Handling Large Port AGVs Product and Services

2.9.4 Toyota Material Handling Large Port AGVs Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.9.5 Toyota Material Handling Recent Developments/Updates

2.10 DS Automotion

2.10.1 DS Automotion Details

2.10.2 DS Automotion Major Business

2.10.3 DS Automotion Large Port AGVs Product and Services

2.10.4 DS Automotion Large Port AGVs Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.10.5 DS Automotion Recent Developments/Updates

2.11 Hitachi

2.11.1 Hitachi Details

2.11.2 Hitachi Major Business

2.11.3 Hitachi Large Port AGVs Product and Services

2.11.4 Hitachi Large Port AGVs Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.11.5 Hitachi Recent Developments/Updates

2.12 JBT

2.12.1 JBT Details

2.12.2 JBT Major Business

2.12.3 JBT Large Port AGVs Product and Services

2.12.4 JBT Large Port AGVs Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.12.5 JBT Recent Developments/Updates

2.13 AGVE Group

2.13.1 AGVE Group Details

2.13.2 AGVE Group Major Business

2.13.3 AGVE Group Large Port AGVs Product and Services

2.13.4 AGVE Group Large Port AGVs Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.13.5 AGVE Group Recent Developments/Updates

2.14 Grey Orange

- 2.14.1 Grey Orange Details
- 2.14.2 Grey Orange Major Business
- 2.14.3 Grey Orange Large Port AGVs Product and Services
- 2.14.4 Grey Orange Large Port AGVs Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
- 2.14.5 Grey Orange Recent Developments/Updates
- 2.15 IAM Robotics
  - 2.15.1 IAM Robotics Details
  - 2.15.2 IAM Robotics Major Business
  - 2.15.3 IAM Robotics Large Port AGVs Product and Services
  - 2.15.4 IAM Robotics Large Port AGVs Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
  - 2.15.5 IAM Robotics Recent Developments/Updates
- 2.16 Fetch Robotics
  - 2.16.1 Fetch Robotics Details
  - 2.16.2 Fetch Robotics Major Business
  - 2.16.3 Fetch Robotics Large Port AGVs Product and Services
  - 2.16.4 Fetch Robotics Large Port AGVs Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
  - 2.16.5 Fetch Robotics Recent Developments/Updates
- 2.17 Meidensha
  - 2.17.1 Meidensha Details
  - 2.17.2 Meidensha Major Business
  - 2.17.3 Meidensha Large Port AGVs Product and Services
  - 2.17.4 Meidensha Large Port AGVs Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
  - 2.17.5 Meidensha Recent Developments/Updates
- 2.18 Rocla
  - 2.18.1 Rocla Details
  - 2.18.2 Rocla Major Business
  - 2.18.3 Rocla Large Port AGVs Product and Services
  - 2.18.4 Rocla Large Port AGVs Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
  - 2.18.5 Rocla Recent Developments/Updates
- 2.19 Yoneygy
  - 2.19.1 Yoneygy Details
  - 2.19.2 Yoneygy Major Business
  - 2.19.3 Yoneygy Large Port AGVs Product and Services
  - 2.19.4 Yoneygy Large Port AGVs Sales Quantity, Average Price, Revenue, Gross

## Margin and Market Share (2020-2025)

### 2.19.5 Yonegy Recent Developments/Updates

## 2.20 Jaten Robot

### 2.20.1 Jaten Robot Details

### 2.20.2 Jaten Robot Major Business

### 2.20.3 Jaten Robot Large Port AGVs Product and Services

## 2.20.4 Jaten Robot Large Port AGVs Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

### 2.20.5 Jaten Robot Recent Developments/Updates

## **3 COMPETITIVE ENVIRONMENT: LARGE PORT AGVS BY MANUFACTURER**

### 3.1 Global Large Port AGVs Sales Quantity by Manufacturer (2020-2025)

### 3.2 Global Large Port AGVs Revenue by Manufacturer (2020-2025)

### 3.3 Global Large Port AGVs Average Price by Manufacturer (2020-2025)

### 3.4 Market Share Analysis (2024)

#### 3.4.1 Producer Shipments of Large Port AGVs by Manufacturer Revenue (\$MM) and Market Share (%): 2024

#### 3.4.2 Top 3 Large Port AGVs Manufacturer Market Share in 2024

#### 3.4.3 Top 6 Large Port AGVs Manufacturer Market Share in 2024

### 3.5 Large Port AGVs Market: Overall Company Footprint Analysis

#### 3.5.1 Large Port AGVs Market: Region Footprint

#### 3.5.2 Large Port AGVs Market: Company Product Type Footprint

#### 3.5.3 Large Port AGVs Market: Company Product Application Footprint

### 3.6 New Market Entrants and Barriers to Market Entry

### 3.7 Mergers, Acquisition, Agreements, and Collaborations

## **4 CONSUMPTION ANALYSIS BY REGION**

### 4.1 Global Large Port AGVs Market Size by Region

#### 4.1.1 Global Large Port AGVs Sales Quantity by Region (2020-2031)

#### 4.1.2 Global Large Port AGVs Consumption Value by Region (2020-2031)

#### 4.1.3 Global Large Port AGVs Average Price by Region (2020-2031)

### 4.2 North America Large Port AGVs Consumption Value (2020-2031)

### 4.3 Europe Large Port AGVs Consumption Value (2020-2031)

### 4.4 Asia-Pacific Large Port AGVs Consumption Value (2020-2031)

### 4.5 South America Large Port AGVs Consumption Value (2020-2031)

### 4.6 Middle East & Africa Large Port AGVs Consumption Value (2020-2031)

## **5 MARKET SEGMENT BY TYPE**

- 5.1 Global Large Port AGVs Sales Quantity by Type (2020-2031)
- 5.2 Global Large Port AGVs Consumption Value by Type (2020-2031)
- 5.3 Global Large Port AGVs Average Price by Type (2020-2031)

## **6 MARKET SEGMENT BY APPLICATION**

- 6.1 Global Large Port AGVs Sales Quantity by Application (2020-2031)
- 6.2 Global Large Port AGVs Consumption Value by Application (2020-2031)
- 6.3 Global Large Port AGVs Average Price by Application (2020-2031)

## **7 NORTH AMERICA**

- 7.1 North America Large Port AGVs Sales Quantity by Type (2020-2031)
- 7.2 North America Large Port AGVs Sales Quantity by Application (2020-2031)
- 7.3 North America Large Port AGVs Market Size by Country
  - 7.3.1 North America Large Port AGVs Sales Quantity by Country (2020-2031)
  - 7.3.2 North America Large Port AGVs Consumption Value by Country (2020-2031)
  - 7.3.3 United States Market Size and Forecast (2020-2031)
  - 7.3.4 Canada Market Size and Forecast (2020-2031)
  - 7.3.5 Mexico Market Size and Forecast (2020-2031)

## **8 EUROPE**

- 8.1 Europe Large Port AGVs Sales Quantity by Type (2020-2031)
- 8.2 Europe Large Port AGVs Sales Quantity by Application (2020-2031)
- 8.3 Europe Large Port AGVs Market Size by Country
  - 8.3.1 Europe Large Port AGVs Sales Quantity by Country (2020-2031)
  - 8.3.2 Europe Large Port AGVs Consumption Value by Country (2020-2031)
  - 8.3.3 Germany Market Size and Forecast (2020-2031)
  - 8.3.4 France Market Size and Forecast (2020-2031)
  - 8.3.5 United Kingdom Market Size and Forecast (2020-2031)
  - 8.3.6 Russia Market Size and Forecast (2020-2031)
  - 8.3.7 Italy Market Size and Forecast (2020-2031)

## **9 ASIA-PACIFIC**

- 9.1 Asia-Pacific Large Port AGVs Sales Quantity by Type (2020-2031)

- 9.2 Asia-Pacific Large Port AGVs Sales Quantity by Application (2020-2031)
- 9.3 Asia-Pacific Large Port AGVs Market Size by Region
  - 9.3.1 Asia-Pacific Large Port AGVs Sales Quantity by Region (2020-2031)
  - 9.3.2 Asia-Pacific Large Port AGVs Consumption Value by Region (2020-2031)
  - 9.3.3 China Market Size and Forecast (2020-2031)
  - 9.3.4 Japan Market Size and Forecast (2020-2031)
  - 9.3.5 South Korea Market Size and Forecast (2020-2031)
  - 9.3.6 India Market Size and Forecast (2020-2031)
  - 9.3.7 Southeast Asia Market Size and Forecast (2020-2031)
  - 9.3.8 Australia Market Size and Forecast (2020-2031)

## **10 SOUTH AMERICA**

- 10.1 South America Large Port AGVs Sales Quantity by Type (2020-2031)
- 10.2 South America Large Port AGVs Sales Quantity by Application (2020-2031)
- 10.3 South America Large Port AGVs Market Size by Country
  - 10.3.1 South America Large Port AGVs Sales Quantity by Country (2020-2031)
  - 10.3.2 South America Large Port AGVs Consumption Value by Country (2020-2031)
  - 10.3.3 Brazil Market Size and Forecast (2020-2031)
  - 10.3.4 Argentina Market Size and Forecast (2020-2031)

## **11 MIDDLE EAST & AFRICA**

- 11.1 Middle East & Africa Large Port AGVs Sales Quantity by Type (2020-2031)
- 11.2 Middle East & Africa Large Port AGVs Sales Quantity by Application (2020-2031)
- 11.3 Middle East & Africa Large Port AGVs Market Size by Country
  - 11.3.1 Middle East & Africa Large Port AGVs Sales Quantity by Country (2020-2031)
  - 11.3.2 Middle East & Africa Large Port AGVs Consumption Value by Country (2020-2031)
  - 11.3.3 Turkey Market Size and Forecast (2020-2031)
  - 11.3.4 Egypt Market Size and Forecast (2020-2031)
  - 11.3.5 Saudi Arabia Market Size and Forecast (2020-2031)
  - 11.3.6 South Africa Market Size and Forecast (2020-2031)

## **12 MARKET DYNAMICS**

- 12.1 Large Port AGVs Market Drivers
- 12.2 Large Port AGVs Market Restraints
- 12.3 Large Port AGVs Trends Analysis

## 12.4 Porters Five Forces Analysis

- 12.4.1 Threat of New Entrants
- 12.4.2 Bargaining Power of Suppliers
- 12.4.3 Bargaining Power of Buyers
- 12.4.4 Threat of Substitutes
- 12.4.5 Competitive Rivalry

## **13 RAW MATERIAL AND INDUSTRY CHAIN**

- 13.1 Raw Material of Large Port AGVs and Key Manufacturers
- 13.2 Manufacturing Costs Percentage of Large Port AGVs
- 13.3 Large Port AGVs Production Process
- 13.4 Industry Value Chain Analysis

## **14 SHIPMENTS BY DISTRIBUTION CHANNEL**

- 14.1 Sales Channel
  - 14.1.1 Direct to End-User
  - 14.1.2 Distributors
- 14.2 Large Port AGVs Typical Distributors
- 14.3 Large Port AGVs Typical Customers

## **15 RESEARCH FINDINGS AND CONCLUSION**

## **16 APPENDIX**

- 16.1 Methodology
- 16.2 Research Process and Data Source
- 16.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. Global Large Port AGVs Consumption Value by Type, (USD Million), 2020 & 2024 & 2031

Table 2. Global Large Port AGVs Consumption Value by Application, (USD Million), 2020 & 2024 & 2031

Table 3. KUKA (Swisslog) Basic Information, Manufacturing Base and Competitors

Table 4. KUKA (Swisslog) Major Business

Table 5. KUKA (Swisslog) Large Port AGVs Product and Services

Table 6. KUKA (Swisslog) Large Port AGVs Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 7. KUKA (Swisslog) Recent Developments/Updates

Table 8. Daifuku Basic Information, Manufacturing Base and Competitors

Table 9. Daifuku Major Business

Table 10. Daifuku Large Port AGVs Product and Services

Table 11. Daifuku Large Port AGVs Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 12. Daifuku Recent Developments/Updates

Table 13. Knapp Basic Information, Manufacturing Base and Competitors

Table 14. Knapp Major Business

Table 15. Knapp Large Port AGVs Product and Services

Table 16. Knapp Large Port AGVs Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 17. Knapp Recent Developments/Updates

Table 18. Dematic Basic Information, Manufacturing Base and Competitors

Table 19. Dematic Major Business

Table 20. Dematic Large Port AGVs Product and Services

Table 21. Dematic Large Port AGVs Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 22. Dematic Recent Developments/Updates

Table 23. Grenzebach Basic Information, Manufacturing Base and Competitors

Table 24. Grenzebach Major Business

Table 25. Grenzebach Large Port AGVs Product and Services

Table 26. Grenzebach Large Port AGVs Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 27. Grenzebach Recent Developments/Updates

Table 28. Bastian Basic Information, Manufacturing Base and Competitors

- Table 29. Bastian Major Business
- Table 30. Bastian Large Port AGVs Product and Services
- Table 31. Bastian Large Port AGVs Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
- Table 32. Bastian Recent Developments/Updates
- Table 33. CIM Corp Basic Information, Manufacturing Base and Competitors
- Table 34. CIM Corp Major Business
- Table 35. CIM Corp Large Port AGVs Product and Services
- Table 36. CIM Corp Large Port AGVs Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
- Table 37. CIM Corp Recent Developments/Updates
- Table 38. CSG Basic Information, Manufacturing Base and Competitors
- Table 39. CSG Major Business
- Table 40. CSG Large Port AGVs Product and Services
- Table 41. CSG Large Port AGVs Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
- Table 42. CSG Recent Developments/Updates
- Table 43. Toyota Material Handling Basic Information, Manufacturing Base and Competitors
- Table 44. Toyota Material Handling Major Business
- Table 45. Toyota Material Handling Large Port AGVs Product and Services
- Table 46. Toyota Material Handling Large Port AGVs Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
- Table 47. Toyota Material Handling Recent Developments/Updates
- Table 48. DS Automotion Basic Information, Manufacturing Base and Competitors
- Table 49. DS Automotion Major Business
- Table 50. DS Automotion Large Port AGVs Product and Services
- Table 51. DS Automotion Large Port AGVs Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
- Table 52. DS Automotion Recent Developments/Updates
- Table 53. Hitachi Basic Information, Manufacturing Base and Competitors
- Table 54. Hitachi Major Business
- Table 55. Hitachi Large Port AGVs Product and Services
- Table 56. Hitachi Large Port AGVs Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
- Table 57. Hitachi Recent Developments/Updates
- Table 58. JBT Basic Information, Manufacturing Base and Competitors
- Table 59. JBT Major Business
- Table 60. JBT Large Port AGVs Product and Services

- Table 61. JBT Large Port AGVs Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
- Table 62. JBT Recent Developments/Updates
- Table 63. AGVE Group Basic Information, Manufacturing Base and Competitors
- Table 64. AGVE Group Major Business
- Table 65. AGVE Group Large Port AGVs Product and Services
- Table 66. AGVE Group Large Port AGVs Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
- Table 67. AGVE Group Recent Developments/Updates
- Table 68. Grey Orange Basic Information, Manufacturing Base and Competitors
- Table 69. Grey Orange Major Business
- Table 70. Grey Orange Large Port AGVs Product and Services
- Table 71. Grey Orange Large Port AGVs Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
- Table 72. Grey Orange Recent Developments/Updates
- Table 73. IAM Robotics Basic Information, Manufacturing Base and Competitors
- Table 74. IAM Robotics Major Business
- Table 75. IAM Robotics Large Port AGVs Product and Services
- Table 76. IAM Robotics Large Port AGVs Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
- Table 77. IAM Robotics Recent Developments/Updates
- Table 78. Fetch Robotics Basic Information, Manufacturing Base and Competitors
- Table 79. Fetch Robotics Major Business
- Table 80. Fetch Robotics Large Port AGVs Product and Services
- Table 81. Fetch Robotics Large Port AGVs Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
- Table 82. Fetch Robotics Recent Developments/Updates
- Table 83. Meidensha Basic Information, Manufacturing Base and Competitors
- Table 84. Meidensha Major Business
- Table 85. Meidensha Large Port AGVs Product and Services
- Table 86. Meidensha Large Port AGVs Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
- Table 87. Meidensha Recent Developments/Updates
- Table 88. Rocla Basic Information, Manufacturing Base and Competitors
- Table 89. Rocla Major Business
- Table 90. Rocla Large Port AGVs Product and Services
- Table 91. Rocla Large Port AGVs Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
- Table 92. Rocla Recent Developments/Updates

- Table 93. Yonegy Basic Information, Manufacturing Base and Competitors
- Table 94. Yonegy Major Business
- Table 95. Yonegy Large Port AGVs Product and Services
- Table 96. Yonegy Large Port AGVs Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
- Table 97. Yonegy Recent Developments/Updates
- Table 98. Jaten Robot Basic Information, Manufacturing Base and Competitors
- Table 99. Jaten Robot Major Business
- Table 100. Jaten Robot Large Port AGVs Product and Services
- Table 101. Jaten Robot Large Port AGVs Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
- Table 102. Jaten Robot Recent Developments/Updates
- Table 103. Global Large Port AGVs Sales Quantity by Manufacturer (2020-2025) & (K Units)
- Table 104. Global Large Port AGVs Revenue by Manufacturer (2020-2025) & (USD Million)
- Table 105. Global Large Port AGVs Average Price by Manufacturer (2020-2025) & (US\$/Unit)
- Table 106. Market Position of Manufacturers in Large Port AGVs, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2024
- Table 107. Head Office and Large Port AGVs Production Site of Key Manufacturer
- Table 108. Large Port AGVs Market: Company Product Type Footprint
- Table 109. Large Port AGVs Market: Company Product Application Footprint
- Table 110. Large Port AGVs New Market Entrants and Barriers to Market Entry
- Table 111. Large Port AGVs Mergers, Acquisition, Agreements, and Collaborations
- Table 112. Global Large Port AGVs Consumption Value by Region (2020-2024-2031) & (USD Million) & CAGR
- Table 113. Global Large Port AGVs Sales Quantity by Region (2020-2025) & (K Units)
- Table 114. Global Large Port AGVs Sales Quantity by Region (2026-2031) & (K Units)
- Table 115. Global Large Port AGVs Consumption Value by Region (2020-2025) & (USD Million)
- Table 116. Global Large Port AGVs Consumption Value by Region (2026-2031) & (USD Million)
- Table 117. Global Large Port AGVs Average Price by Region (2020-2025) & (US\$/Unit)
- Table 118. Global Large Port AGVs Average Price by Region (2026-2031) & (US\$/Unit)
- Table 119. Global Large Port AGVs Sales Quantity by Type (2020-2025) & (K Units)
- Table 120. Global Large Port AGVs Sales Quantity by Type (2026-2031) & (K Units)
- Table 121. Global Large Port AGVs Consumption Value by Type (2020-2025) & (USD Million)

Table 122. Global Large Port AGVs Consumption Value by Type (2026-2031) & (USD Million)

Table 123. Global Large Port AGVs Average Price by Type (2020-2025) & (US\$/Unit)

Table 124. Global Large Port AGVs Average Price by Type (2026-2031) & (US\$/Unit)

Table 125. Global Large Port AGVs Sales Quantity by Application (2020-2025) & (K Units)

Table 126. Global Large Port AGVs Sales Quantity by Application (2026-2031) & (K Units)

Table 127. Global Large Port AGVs Consumption Value by Application (2020-2025) & (USD Million)

Table 128. Global Large Port AGVs Consumption Value by Application (2026-2031) & (USD Million)

Table 129. Global Large Port AGVs Average Price by Application (2020-2025) & (US\$/Unit)

Table 130. Global Large Port AGVs Average Price by Application (2026-2031) & (US\$/Unit)

Table 131. North America Large Port AGVs Sales Quantity by Type (2020-2025) & (K Units)

Table 132. North America Large Port AGVs Sales Quantity by Type (2026-2031) & (K Units)

Table 133. North America Large Port AGVs Sales Quantity by Application (2020-2025) & (K Units)

Table 134. North America Large Port AGVs Sales Quantity by Application (2026-2031) & (K Units)

Table 135. North America Large Port AGVs Sales Quantity by Country (2020-2025) & (K Units)

Table 136. North America Large Port AGVs Sales Quantity by Country (2026-2031) & (K Units)

Table 137. North America Large Port AGVs Consumption Value by Country (2020-2025) & (USD Million)

Table 138. North America Large Port AGVs Consumption Value by Country (2026-2031) & (USD Million)

Table 139. Europe Large Port AGVs Sales Quantity by Type (2020-2025) & (K Units)

Table 140. Europe Large Port AGVs Sales Quantity by Type (2026-2031) & (K Units)

Table 141. Europe Large Port AGVs Sales Quantity by Application (2020-2025) & (K Units)

Table 142. Europe Large Port AGVs Sales Quantity by Application (2026-2031) & (K Units)

Table 143. Europe Large Port AGVs Sales Quantity by Country (2020-2025) & (K Units)

Table 144. Europe Large Port AGVs Sales Quantity by Country (2026-2031) & (K Units)

Table 145. Europe Large Port AGVs Consumption Value by Country (2020-2025) & (USD Million)

Table 146. Europe Large Port AGVs Consumption Value by Country (2026-2031) & (USD Million)

Table 147. Asia-Pacific Large Port AGVs Sales Quantity by Type (2020-2025) & (K Units)

Table 148. Asia-Pacific Large Port AGVs Sales Quantity by Type (2026-2031) & (K Units)

Table 149. Asia-Pacific Large Port AGVs Sales Quantity by Application (2020-2025) & (K Units)

Table 150. Asia-Pacific Large Port AGVs Sales Quantity by Application (2026-2031) & (K Units)

Table 151. Asia-Pacific Large Port AGVs Sales Quantity by Region (2020-2025) & (K Units)

Table 152. Asia-Pacific Large Port AGVs Sales Quantity by Region (2026-2031) & (K Units)

Table 153. Asia-Pacific Large Port AGVs Consumption Value by Region (2020-2025) & (USD Million)

Table 154. Asia-Pacific Large Port AGVs Consumption Value by Region (2026-2031) & (USD Million)

Table 155. South America Large Port AGVs Sales Quantity by Type (2020-2025) & (K Units)

Table 156. South America Large Port AGVs Sales Quantity by Type (2026-2031) & (K Units)

Table 157. South America Large Port AGVs Sales Quantity by Application (2020-2025) & (K Units)

Table 158. South America Large Port AGVs Sales Quantity by Application (2026-2031) & (K Units)

Table 159. South America Large Port AGVs Sales Quantity by Country (2020-2025) & (K Units)

Table 160. South America Large Port AGVs Sales Quantity by Country (2026-2031) & (K Units)

Table 161. South America Large Port AGVs Consumption Value by Country (2020-2025) & (USD Million)

Table 162. South America Large Port AGVs Consumption Value by Country (2026-2031) & (USD Million)

Table 163. Middle East & Africa Large Port AGVs Sales Quantity by Type (2020-2025) & (K Units)

Table 164. Middle East & Africa Large Port AGVs Sales Quantity by Type (2026-2031) & (K Units)

Table 165. Middle East & Africa Large Port AGVs Sales Quantity by Application (2020-2025) & (K Units)

Table 166. Middle East & Africa Large Port AGVs Sales Quantity by Application (2026-2031) & (K Units)

Table 167. Middle East & Africa Large Port AGVs Sales Quantity by Country (2020-2025) & (K Units)

Table 168. Middle East & Africa Large Port AGVs Sales Quantity by Country (2026-2031) & (K Units)

Table 169. Middle East & Africa Large Port AGVs Consumption Value by Country (2020-2025) & (USD Million)

Table 170. Middle East & Africa Large Port AGVs Consumption Value by Country (2026-2031) & (USD Million)

Table 171. Large Port AGVs Raw Material

Table 172. Key Manufacturers of Large Port AGVs Raw Materials

Table 173. Large Port AGVs Typical Distributors

Table 174. Large Port AGVs Typical Customers

## List Of Figures

### LIST OF FIGURES

Figure 1. Large Port AGVs Picture

Figure 2. Global Large Port AGVs Revenue by Type, (USD Million), 2020 & 2024 & 2031

Figure 3. Global Large Port AGVs Revenue Market Share by Type in 2024

Figure 4. Container AGVs Examples

Figure 5. Forklift AGVs Examples

Figure 6. Other Examples

Figure 7. Global Large Port AGVs Consumption Value by Application, (USD Million), 2020 & 2024 & 2031

Figure 8. Global Large Port AGVs Revenue Market Share by Application in 2024

Figure 9. Container Handling and Transport Examples

Figure 10. Loading/Unloading of Vessels Examples

Figure 11. Other Examples

Figure 12. Global Large Port AGVs Consumption Value, (USD Million): 2020 & 2024 & 2031

Figure 13. Global Large Port AGVs Consumption Value and Forecast (2020-2031) & (USD Million)

Figure 14. Global Large Port AGVs Sales Quantity (2020-2031) & (K Units)

Figure 15. Global Large Port AGVs Price (2020-2031) & (US\$/Unit)

Figure 16. Global Large Port AGVs Sales Quantity Market Share by Manufacturer in 2024

Figure 17. Global Large Port AGVs Revenue Market Share by Manufacturer in 2024

Figure 18. Producer Shipments of Large Port AGVs by Manufacturer Sales (\$MM) and Market Share (%): 2024

Figure 19. Top 3 Large Port AGVs Manufacturer (Revenue) Market Share in 2024

Figure 20. Top 6 Large Port AGVs Manufacturer (Revenue) Market Share in 2024

Figure 21. Global Large Port AGVs Sales Quantity Market Share by Region (2020-2031)

Figure 22. Global Large Port AGVs Consumption Value Market Share by Region (2020-2031)

Figure 23. North America Large Port AGVs Consumption Value (2020-2031) & (USD Million)

Figure 24. Europe Large Port AGVs Consumption Value (2020-2031) & (USD Million)

Figure 25. Asia-Pacific Large Port AGVs Consumption Value (2020-2031) & (USD Million)

Figure 26. South America Large Port AGVs Consumption Value (2020-2031) & (USD Million)

Figure 27. Middle East & Africa Large Port AGVs Consumption Value (2020-2031) & (USD Million)

Figure 28. Global Large Port AGVs Sales Quantity Market Share by Type (2020-2031)

Figure 29. Global Large Port AGVs Consumption Value Market Share by Type (2020-2031)

Figure 30. Global Large Port AGVs Average Price by Type (2020-2031) & (US\$/Unit)

Figure 31. Global Large Port AGVs Sales Quantity Market Share by Application (2020-2031)

Figure 32. Global Large Port AGVs Revenue Market Share by Application (2020-2031)

Figure 33. Global Large Port AGVs Average Price by Application (2020-2031) & (US\$/Unit)

Figure 34. North America Large Port AGVs Sales Quantity Market Share by Type (2020-2031)

Figure 35. North America Large Port AGVs Sales Quantity Market Share by Application (2020-2031)

Figure 36. North America Large Port AGVs Sales Quantity Market Share by Country (2020-2031)

Figure 37. North America Large Port AGVs Consumption Value Market Share by Country (2020-2031)

Figure 38. United States Large Port AGVs Consumption Value (2020-2031) & (USD Million)

Figure 39. Canada Large Port AGVs Consumption Value (2020-2031) & (USD Million)

Figure 40. Mexico Large Port AGVs Consumption Value (2020-2031) & (USD Million)

Figure 41. Europe Large Port AGVs Sales Quantity Market Share by Type (2020-2031)

Figure 42. Europe Large Port AGVs Sales Quantity Market Share by Application (2020-2031)

Figure 43. Europe Large Port AGVs Sales Quantity Market Share by Country (2020-2031)

Figure 44. Europe Large Port AGVs Consumption Value Market Share by Country (2020-2031)

Figure 45. Germany Large Port AGVs Consumption Value (2020-2031) & (USD Million)

Figure 46. France Large Port AGVs Consumption Value (2020-2031) & (USD Million)

Figure 47. United Kingdom Large Port AGVs Consumption Value (2020-2031) & (USD Million)

Figure 48. Russia Large Port AGVs Consumption Value (2020-2031) & (USD Million)

Figure 49. Italy Large Port AGVs Consumption Value (2020-2031) & (USD Million)

Figure 50. Asia-Pacific Large Port AGVs Sales Quantity Market Share by Type

(2020-2031)

Figure 51. Asia-Pacific Large Port AGVs Sales Quantity Market Share by Application

(2020-2031)

Figure 52. Asia-Pacific Large Port AGVs Sales Quantity Market Share by Region

(2020-2031)

Figure 53. Asia-Pacific Large Port AGVs Consumption Value Market Share by Region

(2020-2031)

Figure 54. China Large Port AGVs Consumption Value (2020-2031) & (USD Million)

Figure 55. Japan Large Port AGVs Consumption Value (2020-2031) & (USD Million)

Figure 56. South Korea Large Port AGVs Consumption Value (2020-2031) & (USD Million)

Figure 57. India Large Port AGVs Consumption Value (2020-2031) & (USD Million)

Figure 58. Southeast Asia Large Port AGVs Consumption Value (2020-2031) & (USD Million)

Figure 59. Australia Large Port AGVs Consumption Value (2020-2031) & (USD Million)

Figure 60. South America Large Port AGVs Sales Quantity Market Share by Type (2020-2031)

Figure 61. South America Large Port AGVs Sales Quantity Market Share by Application (2020-2031)

Figure 62. South America Large Port AGVs Sales Quantity Market Share by Country (2020-2031)

Figure 63. South America Large Port AGVs Consumption Value Market Share by Country (2020-2031)

Figure 64. Brazil Large Port AGVs Consumption Value (2020-2031) & (USD Million)

Figure 65. Argentina Large Port AGVs Consumption Value (2020-2031) & (USD Million)

Figure 66. Middle East & Africa Large Port AGVs Sales Quantity Market Share by Type (2020-2031)

Figure 67. Middle East & Africa Large Port AGVs Sales Quantity Market Share by Application (2020-2031)

Figure 68. Middle East & Africa Large Port AGVs Sales Quantity Market Share by Country (2020-2031)

Figure 69. Middle East & Africa Large Port AGVs Consumption Value Market Share by Country (2020-2031)

Figure 70. Turkey Large Port AGVs Consumption Value (2020-2031) & (USD Million)

Figure 71. Egypt Large Port AGVs Consumption Value (2020-2031) & (USD Million)

Figure 72. Saudi Arabia Large Port AGVs Consumption Value (2020-2031) & (USD Million)

Figure 73. South Africa Large Port AGVs Consumption Value (2020-2031) & (USD Million)

- Figure 74. Large Port AGVs Market Drivers
- Figure 75. Large Port AGVs Market Restraints
- Figure 76. Large Port AGVs Market Trends
- Figure 77. Porters Five Forces Analysis
- Figure 78. Manufacturing Cost Structure Analysis of Large Port AGVs in 2024
- Figure 79. Manufacturing Process Analysis of Large Port AGVs
- Figure 80. Large Port AGVs Industrial Chain
- Figure 81. Sales Channel: Direct to End-User vs Distributors
- Figure 82. Direct Channel Pros & Cons
- Figure 83. Indirect Channel Pros & Cons
- Figure 84. Methodology
- Figure 85. Research Process and Data Source

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