

Asia Pacific Automotive Robotics Market 2022-2032 by Offering (Hardware, Software, Services), Robot Type, Application, Component, End User, and Country: Trend Forecast and Growth Opportunity

<https://marketpublishers.com/r/A7EB98D36AACEN.html>

Date: May 2023

Pages: 165

Price: US\$ 2,618.00 (Single User License)

ID: A7EB98D36AACEN

Abstracts

Asia Pacific automotive robotics market will grow by 12.3% annually with a total addressable market cap of \$194,369.3 million over 2023-2032, driven by the fast-growing automotive industry, the emerging Industry 4.0, and an increasing adoption of advanced automotive robotics to improve the productivity and safety in manufacturing sectors.

Highlighted with 38 tables and 84 figures, this 165-page report “Asia Pacific Automotive Robotics Market 2022-2032 by Offering (Hardware, Software, Services), Robot Type, Application, Component, End User, and Country: Trend Forecast and Growth Opportunity” is based on a comprehensive research of the entire Asia Pacific automotive robotics market and all its sub-segments through extensively detailed classifications. Profound analysis and assessment are generated from premium primary and secondary information sources with inputs derived from industry professionals across the value chain. The report is based on studies on 2020-2022 and provides forecast from 2023 till 2032 with 2022 as the base year. (Please note: The report will be updated before delivery so that the latest historical year is the base year and the forecast covers at least 5 years over the base year.)

In-depth qualitative analyses include identification and investigation of the following aspects:

Market Structure

Growth Drivers

Restraints and Challenges

Emerging Product Trends & Market Opportunities

Porter's Fiver Forces

The trend and outlook of Asia Pacific market is forecast in optimistic, balanced, and conservative view by taking into account of COVID-19 and Russia-Ukraine conflict. The balanced (most likely) projection is used to quantify Asia Pacific automotive robotics market in every aspect of the classification from perspectives of Offering, Robot Type, Application, Component, End User, and Country.

Based on Offering, the Asia Pacific market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2032 included in each section.

Hardware

Software

Services

Based on Robot Type, the Asia Pacific market is segmented into the following sub-markets with annual revenue (\$ mn) and shipment (thousand units) for 2022-2032 included in each section.

Articulated Robots

Cartesian/Linear/Gantry Robots

SCARA Robots

Cylindrical Robots

Delta/Parallel Robots

Collaborative Robots

Other Robot Types

By Application, the Asia Pacific market is segmented into the following sub-markets with annual revenue (\$ mn) and shipment (thousand units) for 2022-2032 included in each section.

Soldering & Welding

Material Handling

Assembling & Disassembling

Painting & Dispensing

Cutting & Processing

Other Applications

By Component, the Asia Pacific market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2032 included in each section.

Robot Controller Unit

Robotic Arm

End Effector

Drive

Sensors

Power Supply

Motors

Other Components

By End User, the Asia Pacific market is segmented into the following sub-markets with annual revenue (\$ mn) and shipment (thousand units) for 2022-2032 included in each section.

Vehicle Manufacturers

Component Manufacturers

Other End Users

Geographically, the following national/local markets are fully investigated:

Japan

China

South Korea

Taiwan

India

Rest of APAC (further segmented into Malaysia, Singapore, Indonesia, Thailand, New Zealand, Vietnam, Australia, and Philippines)

For each key country, detailed analysis and data for annual revenue (\$ mn) and shipment (thousand units) are available for 2022-2032. The breakdown of national markets by Robot Type, Application, and End User over the forecast years are also included.

The report also covers the current competitive scenario and the predicted trend; and profiles key vendors including market leaders and important emerging players.

Selected Key Players:

ABB Ltd.

Comau S.p.A

Denso Corporation

Fanuc Corp.

Kawasaki Robotics Inc.

KUKA (Midea Group)

Mitsubishi Electric Corp.

Omron Corporation (Omron Adept Technologies)

Reis Robotics

Rockwell Automation Inc.

Seiko Epson Corporation (Epson Robotics)

Staubli International AG

Universal Robots

Yaskawa Electric Corp.

(Please note: The report will be updated before delivery so that the latest historical year is the base year and the forecast covers at least 5 years over the base year.)

Contents

1 INTRODUCTION

- 1.1 Industry Definition and Research Scope
 - 1.1.1 Industry Definition
 - 1.1.2 Research Scope
- 1.2 Research Methodology
 - 1.2.1 Overview of Market Research Methodology
 - 1.2.2 Market Assumption
 - 1.2.3 Secondary Data
 - 1.2.4 Primary Data
 - 1.2.5 Data Filtration and Model Design
 - 1.2.6 Market Size/Share Estimation
 - 1.2.7 Research Limitations
- 1.3 Executive Summary

2 MARKET OVERVIEW AND DYNAMICS

- 2.1 Market Size and Forecast
 - 2.1.1 Impact of COVID-19 on World Economy
 - 2.1.2 Impact of COVID-19 on the Market
 - 2.1.3 Impact of Russia-Ukraine Conflict: War Slows Economic Recovery
- 2.2 Major Growth Drivers
- 2.3 Market Restraints and Challenges
- 2.4 Emerging Opportunities and Market Trends
- 2.5 Porter's Fiver Forces Analysis

3 SEGMENTATION OF ASIA PACIFIC MARKET BY OFFERING

- 3.1 Market Overview by Offering
- 3.2 Hardware
- 3.3 Software
- 3.4 Services

4 SEGMENTATION OF ASIA PACIFIC MARKET BY ROBOT TYPE

- 4.1 Market Overview by Robot Type
- 4.2 Articulated Robots

- 4.3 Cartesian/Linear/Gantry Robots
- 4.4 SCARA Robots
- 4.5 Cylindrical Robots
- 4.6 Delta/Parallel Robots
- 4.7 Collaborative Robots
- 4.8 Other Robot Types

5 SEGMENTATION OF ASIA PACIFIC MARKET BY APPLICATION

- 5.1 Market Overview by Application
- 5.2 Soldering & Welding
- 5.3 Material Handling
- 5.4 Assembling & Disassembling
- 5.5 Painting & Dispensing
- 5.6 Cutting & Processing
- 5.7 Other Applications

6 SEGMENTATION OF ASIA PACIFIC MARKET BY COMPONENT

- 6.1 Market Overview by Component
- 6.2 Robot Controller Unit
- 6.3 Robotic Arm
- 6.4 End Effector
- 6.5 Drive
- 6.6 Sensors
- 6.7 Power Supply
- 6.8 Motors
- 6.9 Other Components

7 SEGMENTATION OF ASIA PACIFIC MARKET BY END USER

- 7.1 Market Overview by End User
- 7.2 Vehicle Manufacturers
- 7.3 Component Manufacturers
- 7.4 Other End Users

8 ASIA-PACIFIC MARKET 2022-2032 BY COUNTRY/REGION

- 8.1 Overview of Asia-Pacific Market

- 8.2 Japan
- 8.3 China
- 8.4 Taiwan
- 8.5 India
- 8.6 South Korea
- 8.7 Rest of APAC Region

9 COMPETITIVE LANDSCAPE

- 9.1 Overview of Key Vendors
 - 9.2 New Product Launch, Partnership, Investment, and M&A
 - 9.3 Company Profiles
 - ABB Ltd.
 - Comau S.p.A
 - Denso Corporation
 - Fanuc Corp.
 - Kawasaki Robotics Inc.
 - KUKA (Midea Group)
 - Mitsubishi Electric Corp.
 - Omron Corporation (Omron Adept Technologies)
 - Reis Robotics
 - Rockwell Automation Inc.
 - Seiko Epson Corporation (Epson Robotics)
 - Staubli International AG
 - Universal Robots
 - Yaskawa Electric Corp.
- RELATED REPORTS**

List Of Tables

LIST OF TABLES:

Table 1. Snapshot of Asia Pacific Automotive Robotics Market in Balanced Perspective, 2022-2032

Table 2. World Economic Outlook, 2021-2031

Table 3. World Economic Outlook, 2021-2023

Table 4. Scenarios for Economic Impact of Ukraine Crisis

Table 5. Main Product Trends and Market Opportunities in Asia Pacific Automotive Robotics Market

Table 6. Asia Pacific Automotive Robotics Market by Offering, 2022-2032, \$ mn

Table 7. Asia Pacific Automotive Robotics Market by Robot Type, 2022-2032, \$ mn

Table 8. Asia Pacific Automotive Robotics Market by Robot Type, 2022-2032, thousand units

Table 9. Asia Pacific Automotive Robotics Market by Application, 2022-2032, \$ mn

Table 10. Asia Pacific Automotive Robotics Market by Application, 2022-2032, thousand units

Table 11. Asia Pacific Automotive Robotics Market by Component, 2022-2032, \$ mn

Table 12. Asia Pacific Automotive Robotics Market by End User, 2022-2032, \$ mn

Table 13. Asia Pacific Automotive Robotics Market by End User, 2022-2032, thousand units

Table 14. APAC Automotive Robotics Market by Country/Region, 2022-2032, \$ mn

Table 15. APAC Automotive Robotics Market by Country/Region, 2022-2032, thousand units

Table 16. Japan Automotive Robotics Market by Robot Type, 2022-2032, \$ mn

Table 17. Japan Automotive Robotics Market by Application, 2022-2032, \$ mn

Table 18. Japan Automotive Robotics Market by End User, 2022-2032, \$ mn

Table 19. China Automotive Robotics Market by Robot Type, 2022-2032, \$ mn

Table 20. China Automotive Robotics Market by Application, 2022-2032, \$ mn

Table 21. China Automotive Robotics Market by End User, 2022-2032, \$ mn

Table 22. Taiwan Automotive Robotics Market by Robot Type, 2022-2032, \$ mn

Table 23. Taiwan Automotive Robotics Market by Application, 2022-2032, \$ mn

Table 24. Taiwan Automotive Robotics Market by End User, 2022-2032, \$ mn

Table 25. India Automotive Robotics Market by Robot Type, 2022-2032, \$ mn

Table 26. India Automotive Robotics Market by Application, 2022-2032, \$ mn

Table 27. India Automotive Robotics Market by End User, 2022-2032, \$ mn

Table 28. South Korea Automotive Robotics Market by Robot Type, 2022-2032, \$ mn

Table 29. South Korea Automotive Robotics Market by Application, 2022-2032, \$ mn

Table 30. South Korea Automotive Robotics Market by End User, 2022-2032, \$ mn

Table 31. Automotive Robotics Market in Rest of APAC by Country/Region, 2022-2032, \$ mn

Table 32. Breakdown of World Market by Key Vendor, 2022, %

Table 33. ABB Ltd.: Company Snapshot

Table 34. ABB Ltd.: Business Segmentation

Table 35. ABB Ltd.: Product Portfolio

List Of Figures

LIST OF FIGURES:

Figure 1. Research Method Flow Chart

Figure 2. Bottom-up Approach and Top-down Approach for Market Estimation

Figure 3. Asia Pacific Market Forecast in Optimistic, Conservative and Balanced Perspectives, 2022-2032

Figure 4. Industry Value Chain Analysis

Figure 5. Asia Pacific Automotive Robotics Market by Revenue, 2022-2032, \$ mn

Figure 6. Asia Pacific Automotive Robotics Market by Shipment, 2022-2032, thousand units

Figure 7. Impact of COVID-19 on Business

Figure 8. Primary Drivers and Impact Factors of Asia Pacific Automotive Robotics Market

Figure 9. World Vehicle Production by Car Type, 2019-2030, million units

Figure 10. World Smart Factory Market, 2019-2026, \$ mn

Figure 11. Primary Restraints and Impact Factors of Asia Pacific Automotive Robotics Market

Figure 12. Investment Opportunity Analysis

Figure 13. Porter's Five Forces Analysis of Asia Pacific Automotive Robotics Market

Figure 14. Breakdown of Asia Pacific Automotive Robotics Market by Offering, 2022-2032, % of Revenue

Figure 15. Asia Pacific Addressable Market Cap in 2023-2032 by Offering, Value (\$ mn) and Share (%)

Figure 16. Asia Pacific Automotive Robotics Market by Offering: Hardware, 2022-2032, \$ mn

Figure 17. Asia Pacific Automotive Robotics Market by Offering: Software, 2022-2032, \$ mn

Figure 18. Asia Pacific Automotive Robotics Market by Offering: Services, 2022-2032, \$ mn

Figure 19. Breakdown of Asia Pacific Automotive Robotics Market by Robot Type, 2022-2032, % of Sales Revenue

Figure 20. Asia Pacific Addressable Market Cap in 2023-2032 by Robot Type, Value (\$ mn) and Share (%)

Figure 21. Breakdown of Asia Pacific Automotive Robotics Market by Robot Type, 2022-2032, % of Shipment

Figure 22. Asia Pacific Addressable Market Cap in 2023-2032 by Robot Type, Shipment (thousand units) and Share (%)

Figure 23. Asia Pacific Automotive Robotics Market by Robot Type: Articulated Robots, 2022-2032, \$ mn

Figure 24. Asia Pacific Automotive Robotics Market by Robot Type: Articulated Robots, 2022-2032, thousand units

Figure 25. Asia Pacific Automotive Robotics Market by Robot Type: Cartesian/Linear/Gantry Robots, 2022-2032, \$ mn

Figure 26. Asia Pacific Automotive Robotics Market by Robot Type: Cartesian/Linear/Gantry Robots, 2022-2032, thousand units

Figure 27. Asia Pacific Automotive Robotics Market by Robot Type: SCARA Robots, 2022-2032, \$ mn

Figure 28. Asia Pacific Automotive Robotics Market by Robot Type: SCARA Robots, 2022-2032, thousand units

Figure 29. Asia Pacific Automotive Robotics Market by Robot Type: Cylindrical Robots, 2022-2032, \$ mn

Figure 30. Asia Pacific Automotive Robotics Market by Robot Type: Cylindrical Robots, 2022-2032, thousand units

Figure 31. Asia Pacific Automotive Robotics Market by Robot Type: Delta/Parallel Robots, 2022-2032, \$ mn

Figure 32. Asia Pacific Automotive Robotics Market by Robot Type: Delta/Parallel Robots, 2022-2032, thousand units

Figure 33. Asia Pacific Automotive Robotics Market by Robot Type: Collaborative Robots, 2022-2032, \$ mn

Figure 34. Asia Pacific Automotive Robotics Market by Robot Type: Collaborative Robots, 2022-2032, thousand units

Figure 35. Asia Pacific Automotive Robotics Market by Robot Type: Other Robot Types, 2022-2032, \$ mn

Figure 36. Asia Pacific Automotive Robotics Market by Robot Type: Other Robot Types, 2022-2032, thousand units

Figure 37. Breakdown of Asia Pacific Automotive Robotics Market by Application, 2022-2032, % of Sales Revenue

Figure 38. Asia Pacific Addressable Market Cap in 2023-2032 by Application, Value (\$ mn) and Share (%)

Figure 39. Breakdown of Asia Pacific Automotive Robotics Market by Application, 2022-2032, % of Shipment

Figure 40. Asia Pacific Addressable Market Cap in 2023-2032 by Application, Shipment (thousand units) and Share (%)

Figure 41. Asia Pacific Automotive Robotics Market by Application: Soldering & Welding, 2022-2032, \$ mn

Figure 42. Asia Pacific Automotive Robotics Market by Application: Soldering &

Welding, 2022-2032, thousand units

Figure 43. Asia Pacific Automotive Robotics Market by Application: Material Handling, 2022-2032, \$ mn

Figure 44. Asia Pacific Automotive Robotics Market by Application: Material Handling, 2022-2032, thousand units

Figure 45. Asia Pacific Automotive Robotics Market by Application: Assembling & Disassembling, 2022-2032, \$ mn

Figure 46. Asia Pacific Automotive Robotics Market by Application: Assembling & Disassembling, 2022-2032, thousand units

Figure 47. Asia Pacific Automotive Robotics Market by Application: Painting & Dispensing, 2022-2032, \$ mn

Figure 48. Asia Pacific Automotive Robotics Market by Application: Painting & Dispensing, 2022-2032, thousand units

Figure 49. Asia Pacific Automotive Robotics Market by Application: Cutting & Processing, 2022-2032, \$ mn

Figure 50. Asia Pacific Automotive Robotics Market by Application: Cutting & Processing, 2022-2032, thousand units

Figure 51. Asia Pacific Automotive Robotics Market by Application: Other Applications, 2022-2032, \$ mn

Figure 52. Asia Pacific Automotive Robotics Market by Application: Other Applications, 2022-2032, thousand units

Figure 53. Breakdown of Asia Pacific Automotive Robotics Market by Component, 2022-2032, % of Revenue

Figure 54. Asia Pacific Addressable Market Cap in 2023-2032 by Component, Value (\$ mn) and Share (%)

Figure 55. Asia Pacific Automotive Robotics Market by Component: Robot Controller Unit, 2022-2032, \$ mn

Figure 56. Asia Pacific Automotive Robotics Market by Component: Robotic Arm, 2022-2032, \$ mn

Figure 57. Asia Pacific Automotive Robotics Market by Component: End Effector, 2022-2032, \$ mn

Figure 58. Asia Pacific Automotive Robotics Market by Component: Drive, 2022-2032, \$ mn

Figure 59. Asia Pacific Automotive Robotics Market by Component: Sensors, 2022-2032, \$ mn

Figure 60. Asia Pacific Automotive Robotics Market by Component: Power Supply, 2022-2032, \$ mn

Figure 61. Asia Pacific Automotive Robotics Market by Component: Motors, 2022-2032, \$ mn

Figure 62. Asia Pacific Automotive Robotics Market by Component: Other Components, 2022-2032, \$ mn

Figure 63. Breakdown of Asia Pacific Automotive Robotics Market by End User, 2022-2032, % of Revenue

Figure 64. Asia Pacific Addressable Market Cap in 2023-2032 by End User, Value (\$ mn) and Share (%)

Figure 65. Breakdown of Asia Pacific Automotive Robotics Market by End User, 2022-2032, % of Shipment

Figure 66. Asia Pacific Addressable Market Cap in 2023-2032 by End User, Shipment (thousand units) and Share (%)

Figure 67. Asia Pacific Automotive Robotics Market by End User: Vehicle Manufacturers, 2022-2032, \$ mn

Figure 68. Asia Pacific Automotive Robotics Market by End User: Vehicle Manufacturers, 2022-2032, thousand units

Figure 69. Asia Pacific Automotive Robotics Market by End User: Component Manufacturers, 2022-2032, \$ mn

Figure 70. Asia Pacific Automotive Robotics Market by End User: Component Manufacturers, 2022-2032, thousand units

Figure 71. Asia Pacific Automotive Robotics Market by End User: Other End Users, 2022-2032, \$ mn

Figure 72. Asia Pacific Automotive Robotics Market by End User: Other End Users, 2022-2032, thousand units

Figure 73. Breakdown of APAC Automotive Robotics Market by Country/Region, 2022 and 2032, % of Revenue

Figure 74. Contribution to APAC 2023-2032 Cumulative Market by Country, Value (\$ mn) and Share (%)

Figure 75. Breakdown of APAC Automotive Robotics Market by Country/Region, 2022 and 2032, % of Shipment

Figure 76. Contribution to APAC 2023-2032 Cumulative Market by Country, Shipment (thousand units) and Share (%)

Figure 77. Automotive Robotics Market in Japan, 2022-2032, \$ mn

Figure 78. Automotive Robotics Market in China, 2022-2032, \$ mn

Figure 79. Automotive Robotics Market in Taiwan, 2022-2032, \$ mn

Figure 80. Automotive Robotics Market in India, 2022-2032, \$ mn

Figure 81. Automotive Robotics Market in South Korea, 2022-2032, \$ mn

Figure 82. Automotive Robotics Market in Rest of APAC, 2022-2032, \$ mn

Figure 83. Growth Stage of Asia Pacific Automotive Robotics Industry over the Forecast Period

I would like to order

Product name: Asia Pacific Automotive Robotics Market 2022-2032 by Offering (Hardware, Software, Services), Robot Type, Application, Component, End User, and Country: Trend Forecast and Growth Opportunity

Product link: <https://marketpublishers.com/r/A7EB98D36AACEN.html>

Price: US\$ 2,618.00 (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/A7EB98D36AACEN.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