

Articulated Robot Market Outlook 2025-2034: Market Share, and Growth Analysis By Type (4-Axis Or Less, 5-Axis, 6-Axis Or More), By Payload (Up to 16 Kg, 16 To 60 Kg, 60 To 225 Kg, More Than 225 Kg), By Function, By Component, By End Industry

<https://marketpublishers.com/r/ABBEDCBD9BF2EN.html>

Date: October 2025

Pages: 160

Price: US\$ 3,950.00 (Single User License)

ID: ABBEDCBD9BF2EN

Abstracts

The Articulated Robot Market is valued at USD 18.5 billion in 2025 and is projected to grow at a CAGR of 14.3% to reach USD 61.5 billion by 2034. The articulated robot market involves the design, manufacturing, and distribution of robots with multiple rotary joints, allowing for a wide range of motion and flexibility. These robots are widely used in industrial automation for tasks such as welding, assembly, material handling, and painting. The market is driven by the increasing demand for automation in manufacturing and the need for improved efficiency and productivity.

The market is characterized by continuous technological advancements, with a focus on developing robots with higher precision, speed, and payload capacity. The integration of artificial intelligence and machine learning is also driving innovation, enabling robots to perform more complex tasks and adapt to changing environments. Geographically, Asia-Pacific holds a significant market share due to its large manufacturing base.

The articulated robot market is experiencing rapid growth, fueled by the increasing adoption of Industry 4.0 technologies and the growing need for automation in various industries. The market's future trajectory depends on the ability to address challenges related to robot programming, integration, and safety.

Key Insights Articulated Robot Market

Increased integration of AI and machine learning for enhanced robot capabilities.

Growth of collaborative robots (cobots) for human-robot collaboration.

Development of robots with improved sensors and vision systems.

Expansion of applications in new industries, such as logistics and healthcare.

Increasing demand for automation in manufacturing.

Need for improved efficiency and productivity.

Rising labor costs and shortage of skilled workers.

Advancements in robot technology and AI.

High cost of robot systems and integration.

Need for specialized programming and maintenance skills.

Safety concerns related to human-robot interaction.

Integration with existing manufacturing systems.

Articulated Robot Market Segmentation

By Type

4-Axis Or Less

5-Axis

6-Axis Or More

By Payload

Up to 16 Kg

16 To 60 Kg

60 To 225 Kg

More Than 225 Kg

By Function

Handling

Welding

Dispensing

Assembly

Processing

Other Functions

By Component

Controller

Arm

End Effector

Drive

Sensor

Other Components

By End Industry

Automotive

Electrical And Electronics

Chemicals

Rubber And Plastics

Metal And Machinery

Food And Beverages

Precision Engineering And Optics

Pharmaceuticals And Cosmetics

Other End-Users

Key Companies Analysed

ABB Ltd.

FANUC Corporation

Kawasaki Heavy Industries Ltd.

KUKA AG

Omron Adept Technology Inc.

Mitsubishi Electric Corporation

Seiko Epson Corporation

Denso Wave Incorporated

Nachi-Fujikoshi Corp.

Yaskawa Electric Corporation

Aurotek Corporation

Stubli International

ST Robotics

Toshiba Machine Co. Ltd.

Yamaha Motor Co. Ltd.

Cassioli Group

DAIHEN Corporation

Comau

Universal Robots

Epson Robots

Midea Group

B+M Surface Systems GmbH

Wittmann Battenfeld Group

Hanwha Corporation/Momentum

Gudel AG

Hyundai Robotics

Techman Robot

Franka Emika

AUBO Robotics

F&P Robotics AG

Articulated Robot Market Analytics

The report employs rigorous tools, including Porter's Five Forces, value chain mapping, and scenario-based modeling, to assess supply–demand dynamics. Cross-sector influences from parent, derived, and substitute markets are evaluated to identify risks and opportunities. Trade and pricing analytics provide an up-to-date view of international flows, including leading exporters, importers, and regional price trends.

Macroeconomic indicators, policy frameworks such as carbon pricing and energy security strategies, and evolving consumer behavior are considered in forecasting scenarios. Recent deal flows, partnerships, and technology innovations are incorporated to assess their impact on future market performance.

Articulated Robot Market Competitive Intelligence

The competitive landscape is mapped through OG Analysis' proprietary frameworks, profiling leading companies with details on business models, product portfolios, financial performance, and strategic initiatives. Key developments such as mergers & acquisitions, technology collaborations, investment inflows, and regional expansions are analyzed for their competitive impact. The report also identifies emerging players and innovative startups contributing to market disruption.

Regional insights highlight the most promising investment destinations, regulatory landscapes, and evolving partnerships across energy and industrial corridors.

Countries Covered

North America — Articulated Robot market data and outlook to 2034

United States

Canada

Mexico

Europe — Articulated Robot market data and outlook to 2034

Germany

United Kingdom

France

Italy

Spain

BeNeLux

Russia

Sweden

Asia-Pacific — Articulated Robot market data and outlook to 2034

China

Japan

India

South Korea

Australia

Indonesia

Malaysia

Vietnam

Middle East and Africa — Articulated Robot market data and outlook to 2034

Saudi Arabia

South Africa

Iran

UAE

Egypt

South and Central America — Articulated Robot market data and outlook to 2034

Brazil

Argentina

Chile

Peru

** We can include data and analysis of additional countries on demand.*

Research Methodology

This study combines primary inputs from industry experts across the Articulated Robot value chain with secondary data from associations, government publications, trade databases, and company disclosures. Proprietary modeling techniques, including data triangulation, statistical correlation, and scenario planning, are applied to deliver reliable market sizing and forecasting.

Key Questions Addressed

What is the current and forecast market size of the Articulated Robot industry at global, regional, and country levels?

Which types, applications, and technologies present the highest growth potential?

How are supply chains adapting to geopolitical and economic shocks?

What role do policy frameworks, trade flows, and sustainability targets play in shaping demand?

Who are the leading players, and how are their strategies evolving in the face of global uncertainty?

Which regional “hotspots” and customer segments will outpace the market, and what go-to-market and partnership models best support entry and expansion?

Where are the most investable opportunities—across technology roadmaps, sustainability-linked innovation, and M&A—and what is the best segment to invest over the next 3–5 years?

Your Key Takeaways from the Articulated Robot Market Report

Global Articulated Robot market size and growth projections (CAGR), 2024-2034

Impact of Russia-Ukraine, Israel-Palestine, and Hamas conflicts on Articulated Robot trade, costs, and supply chains

Articulated Robot market size, share, and outlook across 5 regions and 27 countries, 2023-2034

Articulated Robot market size, CAGR, and market share of key products, applications, and end-user verticals, 2023-2034

Short- and long-term Articulated Robot market trends, drivers, restraints, and opportunities

Porter’s Five Forces analysis, technological developments, and Articulated Robot supply chain analysis

Articulated Robot trade analysis, Articulated Robot market price analysis, and Articulated Robot supply/demand dynamics

Profiles of 5 leading companies—overview, key strategies, financials, and products

Latest Articulated Robot market news and developments

Additional Support

With the purchase of this report, you will receive

An updated PDF report and an MS Excel data workbook containing all market tables and figures for easy analysis.

7-day post-sale analyst support for clarifications and in-scope supplementary data, ensuring the deliverable aligns precisely with your requirements.

Complimentary report update to incorporate the latest available data and the impact of recent market developments.

** The updated report will be delivered within 3 working days*

Contents

1. TABLE OF CONTENTS

- 1.1 List of Tables
- 1.2 List of Figures

2. GLOBAL ARTICULATED ROBOT MARKET SUMMARY, 2025

- 2.1 Articulated Robot Industry Overview
 - 2.1.1 Global Articulated Robot Market Revenues (In US\$ billion)
- 2.2 Articulated Robot Market Scope
- 2.3 Research Methodology

3. ARTICULATED ROBOT MARKET INSIGHTS, 2024-2034

- 3.1 Articulated Robot Market Drivers
- 3.2 Articulated Robot Market Restraints
- 3.3 Articulated Robot Market Opportunities
- 3.4 Articulated Robot Market Challenges
- 3.5 Tariff Impact on Global Articulated Robot Supply Chain Patterns

4. ARTICULATED ROBOT MARKET ANALYTICS

- 4.1 Articulated Robot Market Size and Share, Key Products, 2025 Vs 2034
- 4.2 Articulated Robot Market Size and Share, Dominant Applications, 2025 Vs 2034
- 4.3 Articulated Robot Market Size and Share, Leading End Uses, 2025 Vs 2034
- 4.4 Articulated Robot Market Size and Share, High Growth Countries, 2025 Vs 2034
- 4.5 Five Forces Analysis for Global Articulated Robot Market
 - 4.5.1 Articulated Robot Industry Attractiveness Index, 2025
 - 4.5.2 Articulated Robot Supplier Intelligence
 - 4.5.3 Articulated Robot Buyer Intelligence
 - 4.5.4 Articulated Robot Competition Intelligence
 - 4.5.5 Articulated Robot Product Alternatives and Substitutes Intelligence
 - 4.5.6 Articulated Robot Market Entry Intelligence

5. GLOBAL ARTICULATED ROBOT MARKET STATISTICS – INDUSTRY REVENUE, MARKET SHARE, GROWTH TRENDS AND FORECAST BY SEGMENTS, TO 2034

- 5.1 World Articulated Robot Market Size, Potential and Growth Outlook, 2024- 2034 (\$ billion)
- 5.1 Global Articulated Robot Sales Outlook and CAGR Growth By Type, 2024- 2034 (\$ billion)
- 5.2 Global Articulated Robot Sales Outlook and CAGR Growth By Payload, 2024- 2034 (\$ billion)
- 5.3 Global Articulated Robot Sales Outlook and CAGR Growth By Function, 2024- 2034 (\$ billion)
- 5.4 Global Articulated Robot Sales Outlook and CAGR Growth By Component, 2024- 2034 (\$ billion)
- 5.5 Global Articulated Robot Sales Outlook and CAGR Growth By End Industry, 2024- 2034 (\$ billion)
- 5.6 Global Articulated Robot Market Sales Outlook and Growth by Region, 2024- 2034 (\$ billion)

6. ASIA PACIFIC ARTICULATED ROBOT INDUSTRY STATISTICS – MARKET SIZE, SHARE, COMPETITION AND OUTLOOK

- 6.1 Asia Pacific Articulated Robot Market Insights, 2025
- 6.2 Asia Pacific Articulated Robot Market Revenue Forecast By Type, 2024- 2034 (USD billion)
- 6.3 Asia Pacific Articulated Robot Market Revenue Forecast By Payload, 2024- 2034 (USD billion)
- 6.4 Asia Pacific Articulated Robot Market Revenue Forecast By Function, 2024- 2034 (USD billion)
- 6.5 Asia Pacific Articulated Robot Market Revenue Forecast By Component, 2024- 2034 (USD billion)
- 6.6 Asia Pacific Articulated Robot Market Revenue Forecast By End Industry, 2024- 2034 (USD billion)
- 6.7 Asia Pacific Articulated Robot Market Revenue Forecast by Country, 2024- 2034 (USD billion)
 - 6.7.1 China Articulated Robot Market Size, Opportunities, Growth 2024- 2034
 - 6.7.2 India Articulated Robot Market Size, Opportunities, Growth 2024- 2034
 - 6.7.3 Japan Articulated Robot Market Size, Opportunities, Growth 2024- 2034
 - 6.7.4 Australia Articulated Robot Market Size, Opportunities, Growth 2024- 2034

7. EUROPE ARTICULATED ROBOT MARKET DATA, PENETRATION, AND BUSINESS PROSPECTS TO 2034

- 7.1 Europe Articulated Robot Market Key Findings, 2025
- 7.2 Europe Articulated Robot Market Size and Percentage Breakdown By Type, 2024-2034 (USD billion)
- 7.3 Europe Articulated Robot Market Size and Percentage Breakdown By Payload, 2024- 2034 (USD billion)
- 7.4 Europe Articulated Robot Market Size and Percentage Breakdown By Function, 2024- 2034 (USD billion)
- 7.5 Europe Articulated Robot Market Size and Percentage Breakdown By Component, 2024- 2034 (USD billion)
- 7.6 Europe Articulated Robot Market Size and Percentage Breakdown By End Industry, 2024- 2034 (USD billion)
- 7.7 Europe Articulated Robot Market Size and Percentage Breakdown by Country, 2024- 2034 (USD billion)
 - 7.7.1 Germany Articulated Robot Market Size, Trends, Growth Outlook to 2034
 - 7.7.2 United Kingdom Articulated Robot Market Size, Trends, Growth Outlook to 2034
 - 7.7.2 France Articulated Robot Market Size, Trends, Growth Outlook to 2034
 - 7.7.2 Italy Articulated Robot Market Size, Trends, Growth Outlook to 2034
 - 7.7.2 Spain Articulated Robot Market Size, Trends, Growth Outlook to 2034

8. NORTH AMERICA ARTICULATED ROBOT MARKET SIZE, GROWTH TRENDS, AND FUTURE PROSPECTS TO 2034

- 8.1 North America Snapshot, 2025
- 8.2 North America Articulated Robot Market Analysis and Outlook By Type, 2024- 2034 (\$ billion)
- 8.3 North America Articulated Robot Market Analysis and Outlook By Payload, 2024-2034 (\$ billion)
- 8.4 North America Articulated Robot Market Analysis and Outlook By Function, 2024-2034 (\$ billion)
- 8.5 North America Articulated Robot Market Analysis and Outlook By Component, 2024- 2034 (\$ billion)
- 8.6 North America Articulated Robot Market Analysis and Outlook By End Industry, 2024- 2034 (\$ billion)
- 8.7 North America Articulated Robot Market Analysis and Outlook by Country, 2024-2034 (\$ billion)
 - 8.7.1 United States Articulated Robot Market Size, Share, Growth Trends and Forecast, 2024- 2034
 - 8.7.1 Canada Articulated Robot Market Size, Share, Growth Trends and Forecast, 2024- 2034

8.7.1 Mexico Articulated Robot Market Size, Share, Growth Trends and Forecast, 2024- 2034

9. SOUTH AND CENTRAL AMERICA ARTICULATED ROBOT MARKET DRIVERS, CHALLENGES, AND FUTURE PROSPECTS

9.1 Latin America Articulated Robot Market Data, 2025

9.2 Latin America Articulated Robot Market Future By Type, 2024- 2034 (\$ billion)

9.3 Latin America Articulated Robot Market Future By Payload, 2024- 2034 (\$ billion)

9.4 Latin America Articulated Robot Market Future By Function, 2024- 2034 (\$ billion)

9.5 Latin America Articulated Robot Market Future By Component, 2024- 2034 (\$ billion)

9.6 Latin America Articulated Robot Market Future By End Industry, 2024- 2034 (\$ billion)

9.7 Latin America Articulated Robot Market Future by Country, 2024- 2034 (\$ billion)

9.7.1 Brazil Articulated Robot Market Size, Share and Opportunities to 2034

9.7.2 Argentina Articulated Robot Market Size, Share and Opportunities to 2034

10. MIDDLE EAST AFRICA ARTICULATED ROBOT MARKET OUTLOOK AND GROWTH PROSPECTS

10.1 Middle East Africa Overview, 2025

10.2 Middle East Africa Articulated Robot Market Statistics By Type, 2024- 2034 (USD billion)

10.3 Middle East Africa Articulated Robot Market Statistics By Payload, 2024- 2034 (USD billion)

10.4 Middle East Africa Articulated Robot Market Statistics By Function, 2024- 2034 (USD billion)

10.5 Middle East Africa Articulated Robot Market Statistics By Component, 2024- 2034 (USD billion)

10.6 Middle East Africa Articulated Robot Market Statistics By End Industry, 2024- 2034 (USD billion)

10.7 Middle East Africa Articulated Robot Market Statistics by Country, 2024- 2034 (USD billion)

10.7.1 Middle East Articulated Robot Market Value, Trends, Growth Forecasts to 2034

10.7.2 Africa Articulated Robot Market Value, Trends, Growth Forecasts to 2034

11. ARTICULATED ROBOT MARKET STRUCTURE AND COMPETITIVE LANDSCAPE

- 11.1 Key Companies in Articulated Robot Industry
- 11.2 Articulated Robot Business Overview
- 11.3 Articulated Robot Product Portfolio Analysis
- 11.4 Financial Analysis
- 11.5 SWOT Analysis

12 APPENDIX

- 12.1 Global Articulated Robot Market Volume (Tons)
- 12.1 Global Articulated Robot Trade and Price Analysis
- 12.2 Articulated Robot Parent Market and Other Relevant Analysis
- 12.3 Publisher Expertise
- 12.2 Articulated Robot Industry Report Sources and Methodology

I would like to order

Product name: Articulated Robot Market Outlook 2025-2034: Market Share, and Growth Analysis By Type (4-Axis Or Less, 5-Axis, 6-Axis Or More), By Payload (Up to 16 Kg, 16 To 60 Kg, 60 To 225 Kg, More Than 225 Kg), By Function, By Component, By End Industry

Product link: <https://marketpublishers.com/r/ABBEDCBD9BF2EN.html>

Price: US\$ 3,950.00 (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/ABBEDCBD9BF2EN.html>