

Cloud Industrial Robotic Global Market Insights 2025, Analysis and Forecast to 2030, by Market Participants, Regions, Technology, Application

<https://marketpublishers.com/r/C0378CFCCAEBEN.html>

Date: April 2025

Pages: 90

Price: US\$ 3,200.00 (Single User License)

ID: C0378CFCCAEBEN

Abstracts

Cloud Industrial Robotic Market Summary

Introduction

Cloud industrial robotics integrates robotic systems with cloud computing, enabling remote control, data analytics, and scalability. The market is characterized by its flexibility, AI-driven automation, and reliance on high-speed networks, serving automotive, electronics, and chemical industries. Key drivers include cost reduction, real-time monitoring, and the shift to smart factories. Trends focus on 5G connectivity, collaborative robotics, and cloud-based maintenance solutions.

Market Size and Growth Forecast

The global cloud industrial robotic market was valued at USD 2.3 billion to USD 3.8 billion in 2024, with an estimated CAGR of 9.0% to 11.0% from 2025 to 2030, fueled by automation and cloud adoption.

Regional Analysis

North America grows at 8.5-10.5%, with the USA leading due to automotive innovation; trends focus on AI integration.

Europe achieves a growth rate of 9.0-11.0%, driven by Germany; trends emphasize smart manufacturing.

Asia Pacific sees a growth rate of 9.5-11.5%, led by China and Japan; trends highlight mass production scalability.

The Rest of the World records a growth rate of 8.0-10.0%, with India emerging; trends focus on cost-effective automation.

Application Analysis

Automotive expands at 9.5-11.5%; it supports assembly lines, with trends favoring collaborative robots.

Electrical and Electronics grows at 9.0-11.0%; it ensures precision manufacturing, with trends emphasizing cloud analytics.

Chemical rises at 8.5-10.5%; it enhances process control, with trends focusing on safety and scalability.

Key Market Players

FANUC, from Yamanashi, Japan, is a robotics leader, offering cloud-connected robots for automotive precision.

KUKA, based in Augsburg, Germany, specializes in automation, crafting cloud robots for industrial flexibility.

ABB, headquartered in Zurich, Switzerland, provides robotic solutions, producing cloud systems for electronics.

Yaskawa, from Kitakyushu, Japan, focuses on industrial robots, offering cloud-integrated models for chemical use.

Mitsubishi, based in Tokyo, Japan, excels in automation, crafting cloud robots for scalable manufacturing.

ZEBRA Robotics, from London, UK, provides innovative robotics, offering cloud solutions for industrial applications.

Porter's Five Forces Analysis

The threat of new entrants is moderate; high tech barriers exist, but market growth attracts players.

The threat of substitutes is low; traditional robotics lack cloud scalability.

Buyer power is moderate; industries demand efficiency, though large firms negotiate terms.

Supplier power is low; multiple tech vendors reduce dependency.

Competitive rivalry is high; firms advance cloud features and AI.

Market Opportunities and Challenges

Opportunities

Smart factory trends boost cloud robotic adoption.

5G enhances real-time control capabilities.

Cost reduction via cloud services drives demand.

Challenges

Data security concerns limit trust in cloud systems.

High setup costs deter small firms.

Network reliability issues affect performance.

Merger and Acquisition News

Automated Industrial Robotics Inc. Acquires Robotics & Drives (Date: September 2024): This enhances cloud robotic capabilities for automotive applications.

LG Acquires Majority Stake in Bear Robotics (Date: August 2024): This strengthens

LG's cloud robotics portfolio, targeting industrial use.

Nauticus Robotics Announces Intent to Acquire SeaTrepid International (Date: September 2024): This boosts underwater cloud robotics, expanding chemical applications.

Growth Trend Analysis

SVT Robotics' cloud-based SoftBot portal, unveiled in 2024, reflects a trend toward scalable, accessible robotics, supporting a projected CAGR of 9.0-11.0% through 2030.

Contents

CHAPTER 1 EXECUTIVE SUMMARY

CHAPTER 2 ABBREVIATION AND ACRONYMS

CHAPTER 3 PREFACE

3.1 Research Scope

3.2 Research Sources

3.2.1 Data Sources

3.2.2 Assumptions

3.3 Research Method

Chapter Four Market Landscape

4.1 Market Overview

4.2 Classification/Types

4.3 Application/End Users

CHAPTER 5 MARKET TREND ANALYSIS

5.1 Introduction

5.2 Drivers

5.3 Restraints

5.4 Opportunities

5.5 Threats

CHAPTER 6 INDUSTRY CHAIN ANALYSIS

6.1 Upstream/Suppliers Analysis

6.2 Cloud Industrial Robotic Analysis

6.2.1 Technology Analysis

6.2.2 Cost Analysis

6.2.3 Market Channel Analysis

6.3 Downstream Buyers/End Users

CHAPTER 7 LATEST MARKET DYNAMICS

7.1 Latest News

7.2 Merger and Acquisition

7.3 Planned/Future Project

7.4 Policy Dynamics

CHAPTER 8 HISTORICAL AND FORECAST CLOUD INDUSTRIAL ROBOTIC MARKET IN NORTH AMERICA (2020-2030)

8.1 Cloud Industrial Robotic Market Size

8.2 Cloud Industrial Robotic Market by End Use

8.3 Competition by Players/Suppliers

8.4 Cloud Industrial Robotic Market Size by Type

8.5 Key Countries Analysis

8.5.1 United States

8.5.2 Canada

8.5.3 Mexico

CHAPTER 9 HISTORICAL AND FORECAST CLOUD INDUSTRIAL ROBOTIC MARKET IN SOUTH AMERICA (2020-2030)

9.1 Cloud Industrial Robotic Market Size

9.2 Cloud Industrial Robotic Market by End Use

9.3 Competition by Players/Suppliers

9.4 Cloud Industrial Robotic Market Size by Type

9.5 Key Countries Analysis

9.5.1 Brazil

9.5.2 Argentina

9.5.3 Chile

9.5.4 Peru

CHAPTER 10 HISTORICAL AND FORECAST CLOUD INDUSTRIAL ROBOTIC MARKET IN ASIA & PACIFIC (2020-2030)

10.1 Cloud Industrial Robotic Market Size

10.2 Cloud Industrial Robotic Market by End Use

10.3 Competition by Players/Suppliers

10.4 Cloud Industrial Robotic Market Size by Type

10.5 Key Countries Analysis

10.5.1 China

10.5.2 India

10.5.3 Japan

- 10.5.4 South Korea
- 10.5.5 Southeast Asia
- 10.5.6 Australia

CHAPTER 11 HISTORICAL AND FORECAST CLOUD INDUSTRIAL ROBOTIC MARKET IN EUROPE (2020-2030)

- 11.1 Cloud Industrial Robotic Market Size
- 11.2 Cloud Industrial Robotic Market by End Use
- 11.3 Competition by Players/Suppliers
- 11.4 Cloud Industrial Robotic Market Size by Type
- 11.5 Key Countries Analysis
 - 11.5.1 Germany
 - 11.5.2 France
 - 11.5.3 United Kingdom
 - 11.5.4 Italy
 - 11.5.5 Spain
 - 11.5.6 Belgium
 - 11.5.7 Netherlands
 - 11.5.8 Austria
 - 11.5.9 Poland
 - 11.5.10 Russia

CHAPTER 12 HISTORICAL AND FORECAST CLOUD INDUSTRIAL ROBOTIC MARKET IN MEA (2020-2030)

- 12.1 Cloud Industrial Robotic Market Size
- 12.2 Cloud Industrial Robotic Market by End Use
- 12.3 Competition by Players/Suppliers
- 12.4 Cloud Industrial Robotic Market Size by Type
- 12.5 Key Countries Analysis
 - 12.5.1 Egypt
 - 12.5.2 Israel
 - 12.5.3 South Africa
 - 12.5.4 Gulf Cooperation Council Countries
 - 12.5.5 Turkey

CHAPTER 13 SUMMARY FOR GLOBAL CLOUD INDUSTRIAL ROBOTIC MARKET (2020-2025)

- 13.1 Cloud Industrial Robotic Market Size
- 13.2 Cloud Industrial Robotic Market by End Use
- 13.3 Competition by Players/Suppliers
- 13.4 Cloud Industrial Robotic Market Size by Type

CHAPTER 14 GLOBAL CLOUD INDUSTRIAL ROBOTIC MARKET FORECAST (2025-2030)

- 14.1 Cloud Industrial Robotic Market Size Forecast
- 14.2 Cloud Industrial Robotic Application Forecast
- 14.3 Competition by Players/Suppliers
- 14.4 Cloud Industrial Robotic Type Forecast

CHAPTER 15 ANALYSIS OF GLOBAL KEY VENDORS

- 15.1 FANUC
 - 15.1.1 Company Profile
 - 15.1.2 Main Business and Cloud Industrial Robotic Information
 - 15.1.3 SWOT Analysis of FANUC
 - 15.1.4 FANUC Cloud Industrial Robotic Revenue, Gross Margin and Market Share
(2020-2025)
- 15.2 KUKA
 - 15.2.1 Company Profile
 - 15.2.2 Main Business and Cloud Industrial Robotic Information
 - 15.2.3 SWOT Analysis of KUKA
 - 15.2.4 KUKA Cloud Industrial Robotic Revenue, Gross Margin and Market Share
(2020-2025)
- 15.3 ABB
 - 15.3.1 Company Profile
 - 15.3.2 Main Business and Cloud Industrial Robotic Information
 - 15.3.3 SWOT Analysis of ABB
 - 15.3.4 ABB Cloud Industrial Robotic Revenue, Gross Margin and Market Share
(2020-2025)
- 15.4 Yaskawa
 - 15.4.1 Company Profile
 - 15.4.2 Main Business and Cloud Industrial Robotic Information
 - 15.4.3 SWOT Analysis of Yaskawa
 - 15.4.4 Yaskawa Cloud Industrial Robotic Revenue, Gross Margin and Market Share

(2020-2025)

15.5 Mitsubishi

15.5.1 Company Profile

15.5.2 Main Business and Cloud Industrial Robotic Information

15.5.3 SWOT Analysis of Mitsubishi

15.5.4 Mitsubishi Cloud Industrial Robotic Revenue, Gross Margin and Market Share

(2020-2025)

15.6 ZEBRA Robotics

15.6.1 Company Profile

15.6.2 Main Business and Cloud Industrial Robotic Information

15.6.3 SWOT Analysis of ZEBRA Robotics

15.6.4 ZEBRA Robotics Cloud Industrial Robotic Revenue, Gross Margin and Market

Share (2020-2025)

Please ask for sample pages for full companies list

Tables and Figures

Table Abbreviation and Acronyms

Table Research Scope of Cloud Industrial Robotic Report

Table Data Sources of Cloud Industrial Robotic Report

Table Major Assumptions of Cloud Industrial Robotic Report

Figure Market Size Estimated Method

Figure Major Forecasting Factors

Figure Cloud Industrial Robotic Picture

Table Cloud Industrial Robotic Classification

Table Cloud Industrial Robotic Applications

Table Drivers of Cloud Industrial Robotic Market

Table Restraints of Cloud Industrial Robotic Market

Table Opportunities of Cloud Industrial Robotic Market

Table Threats of Cloud Industrial Robotic Market

Table Covid-19 Impact For Cloud Industrial Robotic Market

Table Raw Materials Suppliers

Table Different Production Methods of Cloud Industrial Robotic

Table Cost Structure Analysis of Cloud Industrial Robotic

Table Key End Users

Table Latest News of Cloud Industrial Robotic Market

Table Merger and Acquisition

Table Planned/Future Project of Cloud Industrial Robotic Market

Table Policy of Cloud Industrial Robotic Market

Table 2020-2030 North America Cloud Industrial Robotic Market Size

Figure 2020-2030 North America Cloud Industrial Robotic Market Size and CAGR

Table 2020-2030 North America Cloud Industrial Robotic Market Size by Application
Table 2020-2025 North America Cloud Industrial Robotic Key Players Revenue
Table 2020-2025 North America Cloud Industrial Robotic Key Players Market Share
Table 2020-2030 North America Cloud Industrial Robotic Market Size by Type
Table 2020-2030 United States Cloud Industrial Robotic Market Size
Table 2020-2030 Canada Cloud Industrial Robotic Market Size
Table 2020-2030 Mexico Cloud Industrial Robotic Market Size
Table 2020-2030 South America Cloud Industrial Robotic Market Size
Figure 2020-2030 South America Cloud Industrial Robotic Market Size and CAGR
Table 2020-2030 South America Cloud Industrial Robotic Market Size by Application
Table 2020-2025 South America Cloud Industrial Robotic Key Players Revenue
Table 2020-2025 South America Cloud Industrial Robotic Key Players Market Share
Table 2020-2030 South America Cloud Industrial Robotic Market Size by Type
Table 2020-2030 Brazil Cloud Industrial Robotic Market Size
Table 2020-2030 Argentina Cloud Industrial Robotic Market Size
Table 2020-2030 Chile Cloud Industrial Robotic Market Size
Table 2020-2030 Peru Cloud Industrial Robotic Market Size
Table 2020-2030 Asia & Pacific Cloud Industrial Robotic Market Size
Figure 2020-2030 Asia & Pacific Cloud Industrial Robotic Market Size and CAGR
Table 2020-2030 Asia & Pacific Cloud Industrial Robotic Market Size by Application
Table 2020-2025 Asia & Pacific Cloud Industrial Robotic Key Players Revenue
Table 2020-2025 Asia & Pacific Cloud Industrial Robotic Key Players Market Share
Table 2020-2030 Asia & Pacific Cloud Industrial Robotic Market Size by Type
Table 2020-2030 China Cloud Industrial Robotic Market Size
Table 2020-2030 India Cloud Industrial Robotic Market Size
Table 2020-2030 Japan Cloud Industrial Robotic Market Size
Table 2020-2030 South Korea Cloud Industrial Robotic Market Size
Table 2020-2030 Southeast Asia Cloud Industrial Robotic Market Size
Table 2020-2030 Australia Cloud Industrial Robotic Market Size
Table 2020-2030 Europe Cloud Industrial Robotic Market Size
Figure 2020-2030 Europe Cloud Industrial Robotic Market Size and CAGR
Table 2020-2030 Europe Cloud Industrial Robotic Market Size by Application
Table 2020-2025 Europe Cloud Industrial Robotic Key Players Revenue
Table 2020-2025 Europe Cloud Industrial Robotic Key Players Market Share
Table 2020-2030 Europe Cloud Industrial Robotic Market Size by Type
Table 2020-2030 Germany Cloud Industrial Robotic Market Size
Table 2020-2030 France Cloud Industrial Robotic Market Size
Table 2020-2030 United Kingdom Cloud Industrial Robotic Market Size
Table 2020-2030 Italy Cloud Industrial Robotic Market Size

Table 2020-2030 Spain Cloud Industrial Robotic Market Size
Table 2020-2030 Belgium Cloud Industrial Robotic Market Size
Table 2020-2030 Netherlands Cloud Industrial Robotic Market Size
Table 2020-2030 Austria Cloud Industrial Robotic Market Size
Table 2020-2030 Poland Cloud Industrial Robotic Market Size
Table 2020-2030 Russia Cloud Industrial Robotic Market Size
Table 2020-2030 MEA Cloud Industrial Robotic Market Size
Figure 2020-2030 MEA Cloud Industrial Robotic Market Size and CAGR
Table 2020-2030 MEA Cloud Industrial Robotic Market Size by Application
Table 2020-2025 MEA Cloud Industrial Robotic Key Players Revenue
Table 2020-2025 MEA Cloud Industrial Robotic Key Players Market Share
Table 2020-2030 MEA Cloud Industrial Robotic Market Size by Type
Table 2020-2030 Egypt Cloud Industrial Robotic Market Size
Table 2020-2030 Israel Cloud Industrial Robotic Market Size
Table 2020-2030 South Africa Cloud Industrial Robotic Market Size
Table 2020-2030 Gulf Cooperation Council Countries Cloud Industrial Robotic Market Size
Table 2020-2030 Turkey Cloud Industrial Robotic Market Size
Table 2020-2025 Global Cloud Industrial Robotic Market Size by Region
Table 2020-2025 Global Cloud Industrial Robotic Market Size Share by Region
Table 2020-2025 Global Cloud Industrial Robotic Market Size by Application
Table 2020-2025 Global Cloud Industrial Robotic Market Share by Application
Table 2020-2025 Global Cloud Industrial Robotic Key Vendors Revenue
Figure 2020-2025 Global Cloud Industrial Robotic Market Size and Growth Rate
Table 2020-2025 Global Cloud Industrial Robotic Key Vendors Market Share
Table 2020-2025 Global Cloud Industrial Robotic Market Size by Type
Table 2020-2025 Global Cloud Industrial Robotic Market Share by Type
Table 2025-2030 Global Cloud Industrial Robotic Market Size by Region
Table 2025-2030 Global Cloud Industrial Robotic Market Size Share by Region
Table 2025-2030 Global Cloud Industrial Robotic Market Size by Application
Table 2025-2030 Global Cloud Industrial Robotic Market Share by Application
Table 2025-2030 Global Cloud Industrial Robotic Key Vendors Revenue
Figure 2025-2030 Global Cloud Industrial Robotic Market Size and Growth Rate
Table 2025-2030 Global Cloud Industrial Robotic Key Vendors Market Share
Table 2025-2030 Global Cloud Industrial Robotic Market Size by Type
Table 2025-2030 Cloud Industrial Robotic Global Market Share by Type

I would like to order

Product name: Cloud Industrial Robotic Global Market Insights 2025, Analysis and Forecast to 2030, by Market Participants, Regions, Technology, Application

Product link: <https://marketpublishers.com/r/C0378CFCCAEBEN.html>

Price: US\$ 3,200.00 (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/C0378CFCCAEBEN.html>