

Global Industrial Robot Controller Market Size study, by Axis Type (Single Axis, Four Axis, Six Axis, Other Axis), by Robotic Type (SCARA Robot, Delta Robot, Cartesian/Gantry Robot, Articulated Robot, Collaborative Robot, Dual Arm Robot) and Regional Forecasts 2022-2028

<https://marketpublishers.com/r/GA066F9693CBEN.html>

Date: April 2022

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: GA066F9693CBEN

Abstracts

Global Industrial Robot Controller Market is valued at approximately USD 83.04 million in 2021 and is anticipated to grow with a healthy growth rate of more than 8.90 % over the forecast period 2022-2028. Industrial robot controllers are in charge of operating and monitoring industrial robots that are used in automation processes to execute tasks like lifting, welding, and assembling. They control the robotic arm and keep in touch with its surroundings. The controller is a computer that uses a combination of hardware and software to complete its functions. Rising demand for automation in robotics, rising deployment of robots in manufacturing units, and rising investments by manufacturers in advanced robotics technologies has driven the Market growth of Industrial robot controllers. For Instance: In April 2021, BMW i venture started investing in leading provider of vision software for logistics robots to robotize the vehicle supply chain and logistics. Also, rising advancements in robotics research and technologies and rising diversity in the development of robot controllers are most likely to boost the overall growth of the Industrial Robot Controller Market. However, high upfront cost of robot controllers can obstruct the Market's expansion over the projection period of 2022-2028. The key regions considered for the Global Industrial Robot Controller Market study include Asia Pacific, North America, Europe, Latin America and Rest of the World. North America is the leading region across the world. Rising adoption of robotic technologies by manufacturers is driving the Market growth in North America. Asia Pacific specifically China is also anticipated to exhibit the highest growth rate over the forecast period

2022-2028. The Market is expected to grow during the projected period, due to rising government initiatives to adopt automated technologies.

Major Market players included in this report are:

Mitsubishi Electric Corporation
Omron Corporation

Denso Wave Incorporated

Motion Controls Robotics Inc.

NexCOM Inc.

Wynright Corporation

KUKA AG

Yaskawa Electric Corporation

Fanuc Corporation

Toshiba Machine Co. Ltd.

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 eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the Market. Additionally, the report shall also incorporate available 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 Axis Type:

Single Axis

Four Axis

Six Axis

Other Axis

By Robotic Type:

SCARA Robot

Delta Robot

Cartesian/Gantry Robot

Articulated Robot

Collaborative Robot

Dual Arm Robot

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

Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019, 2020

Base year – 2021

Forecast period – 2022 to 2028

Target Audience of the Global Industrial Robot Controller Market in Market Study:

Key Consulting Companies & Advisors

Large, medium-sized, and small enterprises

Venture capitalists

Value-Added Resellers (VARs)

Third-party knowledge providers

Investment bankers

Investors

Contents

CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2020-2028 (USD Billion)
 - 1.2.1. Industrial Robot Controller Market, by Region, 2020-2028 (USD Billion)
 - 1.2.2. Industrial Robot Controller Market, by Axis Type, 2020-2028 (USD Billion)
 - 1.2.3. Industrial Robot Controller Market, by Robot Type, 2020-2028 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL INDUSTRIAL ROBOT CONTROLLER MARKET DEFINITION AND SCOPE

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

CHAPTER 3. GLOBAL INDUSTRIAL ROBOT CONTROLLER MARKET DYNAMICS

- 3.1. Industrial Robot Controller Market Impact Analysis (2020-2028)
 - 3.1.1. Market Drivers
 - 3.1.1.1. Rising demand for Automation and Robotics
 - 3.1.1.2. Rising deployment of robots in manufacturing units
 - 3.1.1.3. Rising investments by manufacturers in advanced robotics technologies
 - 3.1.2. Market Challenges
 - 3.1.2.1. High upfront cost
 - 3.1.2.2. Imposed restrictions on manufacturing activities during covid-19 pandemic
 - 3.1.3. Market Opportunities
 - 3.1.3.1. Rising advancements in robotics research and technologies
 - 3.1.3.2. Rising diversity in the development of robot controllers

CHAPTER 4. GLOBAL INDUSTRIAL ROBOT CONTROLLER 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
 - 4.1.6. Futuristic Approach to Porter's 5 Force Model (2019-2028)
- 4.2. PEST Analysis
 - 4.2.1. Political
 - 4.2.2. Economical
 - 4.2.3. Social
 - 4.2.4. Technological
- 4.3. Investment Adoption Model
- 4.4. Analyst Recommendation & Conclusion
- 4.5. Top investment opportunity
- 4.6. Top winning strategies

CHAPTER 5. RISK ASSESSMENT: COVID-19 IMPACT

- 5.1.1. Assessment of the overall impact of COVID-19 on the industry
- 5.1.2. Pre COVID-19 and post COVID-19 Market scenario

CHAPTER 6. GLOBAL INDUSTRIAL ROBOT CONTROLLER MARKET, BY AXIS TYPE

- 6.1. Market Snapshot
- 6.2. Global Industrial Robot Controller Market by Axis Type, Performance – Potential Analysis
- 6.3. Global Industrial Robot Controller Market Estimates & Forecasts by Axis Type, 2019-2028 (USD Billion)
- 6.4. Industrial Robot Controller Market, Sub Segment Analysis
 - 6.4.1. Single Axis
 - 6.4.2. Four Axis
 - 6.4.3. Six Axis
 - 6.4.4. Other Axis

CHAPTER 7. GLOBAL INDUSTRIAL ROBOT CONTROLLER MARKET, BY ROBOT TYPE

- 7.1. Market Snapshot
- 7.2. Global Industrial Robot Controller Market by Robot Type, Performance - Potential Analysis
- 7.3. Global Industrial Robot Controller Market Estimates & Forecasts by Robot Type, 2019-2028 (USD Billion)
- 7.4. Industrial Robot Controller Market, Sub Segment Analysis
 - 7.4.1. SCARA Robot
 - 7.4.2. Delta Robot
 - 7.4.3. Cartesian/Gantry Robot
 - 7.4.4. Articulated Robot
 - 7.4.5. Collaborative Robot
 - 7.4.6. Dual Arm Robot

CHAPTER 8. GLOBAL INDUSTRIAL ROBOT CONTROLLER MARKET, REGIONAL ANALYSIS

- 8.1. Industrial Robot Controller Market, Regional Market Snapshot
- 8.2. North America Industrial Robot Controller Market
 - 8.2.1. U.S. Industrial Robot Controller Market
 - 8.2.1.1. Axis Type breakdown estimates & forecasts, 2019-2028
 - 8.2.1.2. Robot Type breakdown estimates & forecasts, 2019-2028
 - 8.2.2. Canada Industrial Robot Controller Market
- 8.3. Europe Industrial Robot Controller Market Snapshot
 - 8.3.1. U.K. Industrial Robot Controller Market
 - 8.3.2. Germany Industrial Robot Controller Market
 - 8.3.3. France Industrial Robot Controller Market
 - 8.3.4. Spain Industrial Robot Controller Market
 - 8.3.5. Italy Industrial Robot Controller Market
 - 8.3.6. Rest of Europe Industrial Robot Controller Market
- 8.4. Asia-Pacific Industrial Robot Controller Market Snapshot
 - 8.4.1. China Industrial Robot Controller Market
 - 8.4.2. India Industrial Robot Controller Market
 - 8.4.3. Japan Industrial Robot Controller Market
 - 8.4.4. Australia Industrial Robot Controller Market
 - 8.4.5. South Korea Industrial Robot Controller Market
 - 8.4.6. Rest of Asia Pacific Industrial Robot Controller Market
- 8.5. Latin America Industrial Robot Controller Market Snapshot
 - 8.5.1. Brazil Industrial Robot Controller Market

- 8.5.2. Mexico Industrial Robot Controller Market
- 8.6. Rest of The World Industrial Robot Controller Market

CHAPTER 9. COMPETITIVE INTELLIGENCE

- 9.1. Top Market Strategies
- 9.2. Company Profiles
 - 9.2.1 Mitsubishi Electric Corporation
 - 9.2.1.1 Key Information
 - 9.2.1.2 Overview
 - 9.2.1.3 Financial (Subject to Data Availability)
 - 9.2.1.4 Container Axis Type Summary
 - 9.2.1.5 Recent Developments
 - 9.2.2 Omron Corporation
 - 9.2.3 Denso Wave Incorporated
 - 9.2.4 Motion Controls Robotics Inc.
 - 9.2.5 NexCOM Inc.
 - 9.2.6 Wynright Corporation
 - 9.2.7 KUKA AG
 - 9.2.8 Yaskawa Electric Corporation
 - 9.2.9 Fanuc Corporation
 - 9.2.10 Toshiba Machine Co. Ltd.

CHAPTER 10. RESEARCH PROCESS

- 10.1 Research Process
 - 10.1.1 Data Mining
 - 10.1.2 Analysis
 - 10.1.3 Market Estimation
 - 10.1.4 Validation
 - 10.1.5 Publishing
- 10.2 Research Attributes
- 10.3 Research Assumption

List Of Tables

LIST OF TABLES

TABLE 1. Global Industrial Robot Controller Market, report scope

TABLE 2. Global Industrial Robot Controller Market estimates & forecasts by Region 2019-2028 (USD Billion)

TABLE 3. Global Industrial Robot Controller Market estimates & forecasts by Axis Type 2019-2028 (USD Billion)

TABLE 4. Global Industrial Robot Controller Market estimates & forecasts by Robot Type 2019-2028 (USD Billion)

TABLE 5. Global Industrial Robot Controller Market by segment, estimates & forecasts, 2019-2028 (USD Billion)

TABLE 6. Global Industrial Robot Controller Market by region, estimates & forecasts, 2019-2028 (USD Billion)

TABLE 7. Global Industrial Robot Controller Market by segment, estimates & forecasts, 2019-2028 (USD Billion)

TABLE 8. Global Industrial Robot Controller Market by region, estimates & forecasts, 2019-2028 (USD Billion)

TABLE 9. Global Industrial Robot Controller Market by segment, estimates & forecasts, 2019-2028 (USD Billion)

TABLE 10. Global Industrial Robot Controller Market by region, estimates & forecasts, 2019-2028 (USD Billion)

TABLE 11. Global Industrial Robot Controller Market by segment, estimates & forecasts, 2019-2028 (USD Billion)

TABLE 12. Global Industrial Robot Controller Market by region, estimates & forecasts, 2019-2028 (USD Billion)

TABLE 13. Global Industrial Robot Controller Market by segment, estimates & forecasts, 2019-2028 (USD Billion)

TABLE 14. Global Industrial Robot Controller Market by region, estimates & forecasts, 2019-2028 (USD Billion)

TABLE 15. U.S. Industrial Robot Controller Market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 16. U.S. Industrial Robot Controller Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 17. U.S. Industrial Robot Controller Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 18. Canada Industrial Robot Controller Market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 19. Canada Industrial Robot Controller Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 20. Canada Industrial Robot Controller Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 21. UK Industrial Robot Controller Market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 22. UK Industrial Robot Controller Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 23. UK Industrial Robot Controller Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 24. Germany Industrial Robot Controller Market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 25. Germany Industrial Robot Controller Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 26. Germany Industrial Robot Controller Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 27. RoE Industrial Robot Controller Market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 28. RoE Industrial Robot Controller Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 29. RoE Industrial Robot Controller Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 30. China Industrial Robot Controller Market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 31. China Industrial Robot Controller Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 32. China Industrial Robot Controller Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 33. India Industrial Robot Controller Market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 34. India Industrial Robot Controller Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 35. India Industrial Robot Controller Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 36. Japan Industrial Robot Controller Market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 37. Japan Industrial Robot Controller Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 38. Japan Industrial Robot Controller Market estimates & forecasts by segment

2019-2028 (USD Billion)

TABLE 39. RoAPAC Industrial Robot Controller Market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 40. RoAPAC Industrial Robot Controller Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 41. RoAPAC Industrial Robot Controller Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 42. Brazil Industrial Robot Controller Market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 43. Brazil Industrial Robot Controller Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 44. Brazil Industrial Robot Controller Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 45. Mexico Industrial Robot Controller Market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 46. Mexico Industrial Robot Controller Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 47. Mexico Industrial Robot Controller Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 48. RoLA Industrial Robot Controller Market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 49. RoLA Industrial Robot Controller Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 50. RoLA Industrial Robot Controller Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 51. Row Industrial Robot Controller Market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 52. Row Industrial Robot Controller Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 53. Row Industrial Robot Controller Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 54. List of secondary Container Axis Type Robot Types, used in the study of Global Industrial Robot Controller Market

TABLE 55. List of primary Container Axis Type Robot Types, used in the study of Global Industrial Robot Controller Market

TABLE 56. Years considered for the study

TABLE 57. Exchange rates considered

List Of Figures

LIST OF FIGURES

- FIG 1. Global Industrial Robot Controller Market, research methodology
- FIG 2. Global Industrial Robot Controller Market, Market estimation techniques
- FIG 3. Global Market Robot Type estimates & forecast methods
- FIG 4. Global Industrial Robot Controller Market, key trends 2021
- FIG 5. Global Industrial Robot Controller Market, growth prospects 2022-2028
- FIG 6. Global Industrial Robot Controller Market, porters 5 force model
- FIG 7. Global Industrial Robot Controller Market, pest analysis
- FIG 8. Global Industrial Robot Controller Market, value chain analysis
- FIG 9. Global Industrial Robot Controller Market by segment, 2019 & 2028 (USD Billion)
- FIG 10. Global Industrial Robot Controller Market by segment, 2019 & 2028 (USD Billion)
- FIG 11. Global Industrial Robot Controller Market by segment, 2019 & 2028 (USD Billion)
- FIG 12. Global Industrial Robot Controller Market by segment, 2019 & 2028 (USD Billion)
- FIG 13. Global Industrial Robot Controller Market by segment, 2019 & 2028 (USD Billion)
- FIG 14. Global Industrial Robot Controller Market, regional snapshot 2019 & 2028
- FIG 15. North America Industrial Robot Controller Market 2019 & 2028 (USD Billion)
- FIG 16. Europe Industrial Robot Controller Market 2019 & 2028 (USD Billion)
- FIG 17. Asia pacific Industrial Robot Controller Market 2019 & 2028 (USD Billion)
- FIG 18. Latin America Industrial Robot Controller Market 2019 & 2028 (USD Billion)
- FIG 19. Global Industrial Robot Controller Market, company Market share analysis (2021)

I would like to order

Product name: Global Industrial Robot Controller Market Size study, by Axis Type (Single Axis, Four Axis, Six Axis, Other Axis), by Robotic Type (SCARA Robot, Delta Robot, Cartesian/Gantry Robot, Articulated Robot, Collaborative Robot, Dual Arm Robot) and Regional Forecasts 2022-2028

Product link: <https://marketpublishers.com/r/GA066F9693CBEN.html>

Price: US\$ 4,950.00 (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/GA066F9693CBEN.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