

Global Industrial Robotics Market 2023-2029

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Abstracts

An industrial robot is a robot system used for manufacturing. Industrial robots are automated, programmable and capable of movement on two or more axes. Typical applications of robots include welding, painting, assembly, pick and place for printed circuit boards, packaging and labeling, palletizing, product inspection, and testing; all accomplished with high endurance, speed, and precision. According to the latest data, the market size of the global industrial robotics sector is expected to rise by USD 27.7 billion with a CAGR of 11.7% by the end of 2029.

The report covers market size and growth, segmentation, regional breakdowns, competitive landscape, trends and strategies for global industrial robotics market. It presents a quantitative analysis of the market to enable stakeholders to capitalize on the prevailing market opportunities. The report also identifies top segments for opportunities and strategies based on market trends and leading competitors' approaches.

This industry report offers market estimates and forecasts of the global market, followed by a detailed analysis of the product, end user, and region. The global market for industrial robotics can be segmented by product: articulated robots, collaborative robots (cobots), cylindrical robots, linear (cartesian and gantry) robots, parallel/delta robots, SCARA robots. In 2022, the cobots segment made up the largest share of revenue generated by the industrial robotics market. Industrial robotics market is further segmented by end user: automotive, electrical and electronics, food and beverages (F&B), metals and machinery, pharmaceuticals, plastics and rubber, others. The automotive segment was the largest contributor to the global industrial robotics market in 2022. Based on region, the industrial robotics market is segmented into: North America, Europe, Asia-Pacific, MEA (Middle East and Africa), Latin America. Asia-Pacific is estimated to account for the largest share of the global industrial robotics market.

Market Segmentation

By product: articulated robots, collaborative robots (cobots), cylindrical robots, linear (cartesian and gantry) robots, parallel/delta robots, SCARA robots

By end user: automotive, electrical and electronics, food and beverages (F&B), metals and machinery, pharmaceuticals, plastics and rubber, others

By region: North America, Europe, Asia-Pacific, MEA (Middle East and Africa), Latin America

The report explores the recent developments and profiles of key vendors in the Global Industrial Robotics Market, including ABB Ltd., Apex Automation and Robotics Pty Ltd., Aurotek Corp., b+m surface systems GmbH, Connected Robotics Inc., Daifuku Co., Ltd., Delta Electronics, Inc., FANUC Corporation, Fuji Yusoki Kogyo Co., Ltd. (Fuji Robotics), Grey Orange Pte. Ltd., Hitachi, Ltd., Intelligent Actuator Incorporated (IAI), Kawasaki Heavy Industries, Ltd., Komatsu Limited, KUKA AG, Mitsubishi Electric Corporation, Nachi-Fujikoshi Corp., Northrop Grumman Corporation, Omron Adept Technology, Inc., Panasonic Holdings Corporation, PLEN Robotics Inc., Preferred Networks, Inc. (PFN), Robert Bosch GmbH, Rockwell Automation, Inc., Seiko Epson Corporation, Siasun Robot & Automation Co., Ltd., SoftBank Robotics Corp., SZ DJI Technology Co., Ltd., Yamaha Corporation, Yaskawa Electric Corporation, among others. In this report, key players and their strategies are thoroughly analyzed to understand the competitive outlook of the market.

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Scope of the Report

To analyze and forecast the market size of the global industrial robotics market.

To classify and forecast the global industrial robotics market based on product, end user, region.

To identify drivers and challenges for the global industrial robotics market.

To examine competitive developments such as mergers & acquisitions, agreements, collaborations and partnerships, etc., in the global industrial

robotics market.

To identify and analyze the profile of leading players operating in the global industrial robotics market.

Why Choose This Report

Gain a reliable outlook of the global industrial robotics market forecasts from 2023 to 2029 across scenarios.

Identify growth segments for investment.

Stay ahead of competitors through company profiles and market data.

The market estimate for ease of analysis across scenarios in Excel format.

Strategy consulting and research support for three months.

Print authentication provided for the single-user license.

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Collaborative robots (cobots)
Cylindrical robots
Linear (cartesian and gantry) robots
Parallel/delta robots
SCARA robots

PART 6. MARKET BREAKDOWN BY END USER

Automotive
Electrical and electronics
Food and beverages (F&B)
Metals and machinery
Pharmaceuticals
Plastics and rubber
Others

PART 7. MARKET BREAKDOWN BY REGION

North America

Europe

Asia-Pacific

MEA (Middle East and Africa)

Latin America

PART 8. KEY COMPANIES

ABB Ltd.

Apex Automation and Robotics Pty Ltd.

Aurotek Corp.

b+m surface systems GmbH

Connected Robotics Inc.

Daifuku Co., Ltd.

Delta Electronics, Inc.

FANUC Corporation

Fuji Yusoki Kogyo Co., Ltd. (Fuji Robotics)

Grey Orange Pte. Ltd.

Hitachi, Ltd.

Intelligent Actuator Incorporated (IAI)

Kawasaki Heavy Industries, Ltd.

Komatsu Limited

KUKA AG

Mitsubishi Electric Corporation

Nachi-Fujikoshi Corp.

Northrop Grumman Corporation

Omron Adept Technology, Inc.

Panasonic Holdings Corporation

PLEN Robotics Inc.

Preferred Networks, Inc. (PFN)

Robert Bosch GmbH

Rockwell Automation, Inc.

Seiko Epson Corporation

Siasun Robot & Automation Co., Ltd.

SoftBank Robotics Corp.

SZ DJI Technology Co., Ltd.

Yamaha Corporation

Yaskawa Electric Corporation

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