

Industrial Robotics Market By Type (Articulated, Cartesian, SCARA, Cylindrical, Others), By End user industry (Automotive, Electrical and Electronics, Chemical Rubber and Plastics, Manufacturing, Food and Beverages, Others), By Function (Soldering and Welding, Materials handling, Assembling and Disassembling, Painting and Dispensing, Milling, Cutting, and Processing, Others): Global Opportunity Analysis and Industry Forecast, 2023-2032

Market Report | 2023-09-01 | 298 pages | Allied Market Research

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Report description:

The global industrial robotics market was valued at \$38,022.1 million in 2020, and is projected to reach \$163,029.42 million by 2032, registering a CAGR of 12.6% from 2023 to 2032.

A mechanical device that can be programmed to carry out a variety of activities in production, manufacturing, and other industrial processes is known as an industrial robot. These robots can carry out precise and repeated operations with a high degree of accuracy and efficiency because they are outfitted with sensors, actuators, and sophisticated control systems. They are frequently employed to automate laborious, dangerous, or precise jobs that are challenging for human workers to complete. Increasing need for automation in non-conventional areas, such as micro-electronics, has fostered the market growth. Hence, an auxiliary channel utilizing industrial robotics has surfaced in recent years. The heavy engineering sector drives the demand for industrial robotics. The global industrial robotics market is impacted by several factors such as usage of industrial robotics in the manufacturing industry, increased demand for automation activities in the industry, reduction in custom duties, and evolving robotics & Al industry.

Rapid changes in the supporting factors, such as disposable income, consumer preference, wireless technologies, and others, have resulted in continuous improvements in specifications and features of industrial robots. Funding from various private and

government organizations to support R&D drives industrial robotics market growth. Furthermore, initial investment and maintenance costs of employing robotics systems are high due to the integration of high-quality hardware coupled with efficient software control systems. The high cost of industrial robotics solutions is a major restraint for market growth.

The report provides the market share analysis of the industry participants. The key players have also been profiled along with company overview, financial overview, business strategies, SWOT analysis, and recent developments in the field of industrial robotics. The major market participants profiled in this report include KUKA Robotics, Denso, Fanuc, Mitsubishi, and Universal Robots.

The industrial robotics market is segmented into type, end-user industry, function, and region. By type, the market is classified into articulated, cartesian, SCARA, cylindrical, and others. By end-user industry, the market is divided into automotive, electrical and electronics, chemical rubber and plastics, manufacturing, food and beverages, and others. By function, the market is divided into soldering and welding, materials handling, assembling and disassembling, painting and dispensing, milling, cutting, and processing, and others.

Region wise, the market is analyzed across North America (the U.S., Canada, and Mexico), Europe (Germany, the UK, France, Italy, and rest of Europe), Asia-Pacific (China, India, Japan, South Korea, and rest of Asia-Pacific), and LAMEA (Latin America, Middle East, and Africa).

In 2022, Asia-Pacific was the key shareholder, however, LAMEA is anticipated to secure a leading position during the forecast period.

Emerging economies in Asia-Pacific and LAMEA have adopted industrial robotics solutions for various professional uses, and this is expected to facilitate faster growth in terms of efficiency. Such factors are expected to offer numerous opportunities for the market growth during the forecast period.

COMPETITION ANALYSIS

Key companies profiled in the industrial robotics market report include ABB Ltd. (ABB Robotics), Daihen Corporation, Denso Corporation (Denso Robotics), Fanuc Corporation, Kawasaki Heavy Industries Ltd., Kuka Robotics Corporation, Mitsubishi, Electric Corporation, Nachi-Fujikoshi Corporation (Nachi Robotic Systems), Panasonic Corporation, Seiko Epson Corporation, Universal Robots A/S, and Yaskawa Electric Corporation.

Key Benefits For Stakeholders

- -This report provides a quantitative analysis of the market segments, current trends, estimations, and dynamics of the industrial robotics market analysis from 2020 to 2032 to identify the prevailing industrial robotics market opportunities.
- -The market research is offered along with information related to key drivers, restraints, and opportunities.
- -Porter's five forces analysis highlights the potency of buyers and suppliers to enable stakeholders make profit-oriented business decisions and strengthen their supplier-buyer network.
- -In-depth analysis of the industrial robotics market segmentation assists to determine the prevailing market opportunities.
- -Major countries in each region are mapped according to their revenue contribution to the global market.
- -Market player positioning facilitates benchmarking and provides a clear understanding of the present position of the market players.
- -The report includes the analysis of the regional as well as global industrial robotics market trends, key players, market segments, application areas, and market growth strategies.

Additional benefits you will get with this purchase are:

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- End user preferences and pain points
- Investment Opportunities
- Go To Market Strategy
- Pain Point Analysis
- Additional company profiles with specific to client's interest
- Additional country or region analysis- market size and forecast
- Average Selling Price Analysis / Price Point Analysis
- Brands Share Analysis
- Criss-cross segment analysis- market size and forecast
- Expanded list for Company Profiles
- Historic market data
- Import Export Analysis/Data
- Key player details (including location, contact details, supplier/vendor network etc. in excel format)
- List of customers/consumers/raw material suppliers- value chain analysis
- Market share analysis of players at global/region/country level
- Per Capita Consumption Trends
- Product Consumption Analysis
- Reimbursement Scenario
- SWOT Analysis
- Volume Market Size and Forecast

Key Market Segments

By Type

- Articulated
- Cartesian
- SCARA
- Cylindrical
- Others

By End user industry

- Automotive
- Electrical and Electronics
- Chemical Rubber and Plastics
- Manufacturing
- Food and Beverages
- Others

By Function

- Soldering and Welding
- Materials handling
- Assembling and Disassembling
- Painting and Dispensing
- Milling, Cutting, and Processing
- Others

By Region

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- North America
- U.S.
- Canada
- Mexico
- Europe
- Germany
- UK
- France
- Italy
- Rest of Europe
- Asia-Pacific
- China
- Japan
- South Korea
- India
- Rest of Asia-Pacific
- LAMEA
- Latin America
- Middle East
- Africa
- Key Market Players
- ABB
- FANUC Corporation
- KUKA AG
- Panasonic Corporation
- Seiko Epson Corporation.
- Yaskawa Electric Corporation
- Denso Corporation
- Kawasaki Heavy Industries, Ltd.
- Universal Robots A/S
- NACHI-FUJIKOSHI CORPORATION (NACHI ROBOTIC SYSTEMS, INC.)
- Mitsubishi Electric Corporation
- Daihen Corporation Co., Ltd.

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