

# Global Industrial Robotics Market Is Likely To Grow At A CAGR Value Of Around 11.8% - Zion Market Research

*Demand for Global Industrial Robotics Market Size & Share Is Expected 11.8% CAGR Rise, Will Hit To USD 81.4 Billion By 2028*

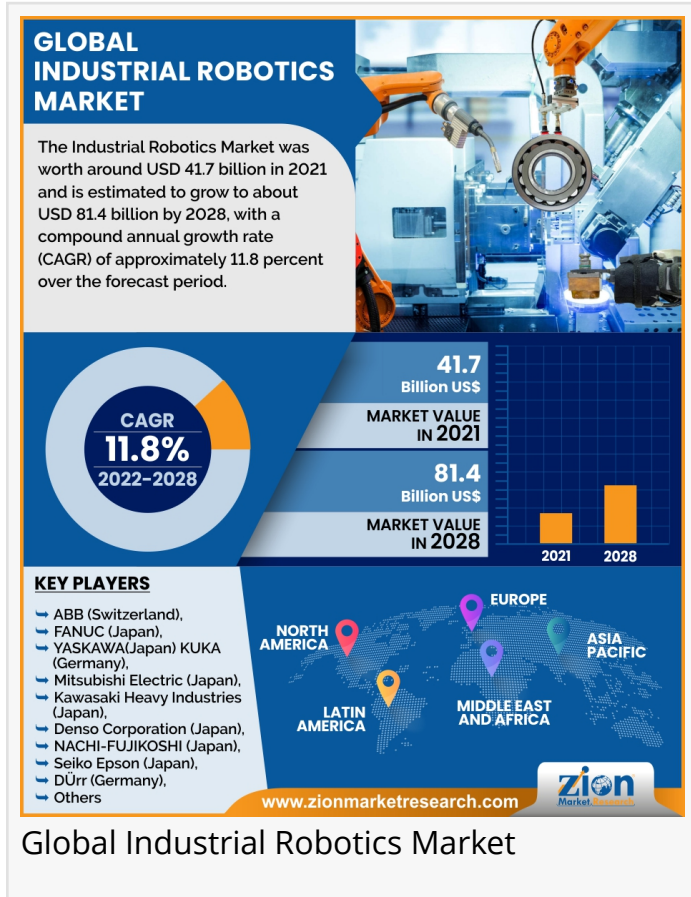
SARASOTA, NEW YORK, UNITED STATES, September 13, 2022 /EINPresswire.com/ -- According to the report, the [global industrial robotics market](#) was valued at approximately USD 41.7 billion in 2021 and is expected to generate revenue of around USD 81.4 billion by the end of 2028, growing at a CAGR of around 11.8% between 2021 and 2028.

The report analyzes the Industrial Robotics Market drivers, restraints/challenges, and the effect they have on the demands during the projection period. In addition, the report explores emerging opportunities in the Industrial Robotics Market.

Industrial robots are workers that can do risky or repetitive duties for manufacturing operations with high accuracy. The fulcrum of industrial robotics is the industrial robot, which is described as an automatically controlled, reprogrammable, multipurpose manipulator with three or more axes. For use in industrial automation, industrial robots can be either stationary or mobile.

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The implementation of various types of production control techniques, as well as the introduction of automation solutions, are significant components of current product development policies, thus driving the growth of the market. In addition, increased awareness of industrial robots has resulted in their deployment in industries ranging from manufacturing to



healthcare. Industrial robotics is a rapidly growing market with a wide range of applications across all industry verticals.

Moreover, the high cost of labor in the developed region, combined with the growing desire for automation, has resulted in an increase in industrial robot shipments for applications ranging from basic consumer applications to factory applications.

Furthermore, this market is being pushed mostly by a global increase in labor costs, which has led firms to replace human labor with robots. However, large capital investment is required not only for the acquisition of the robot, but also for integration, programming, and maintenance may hamper the market growth.

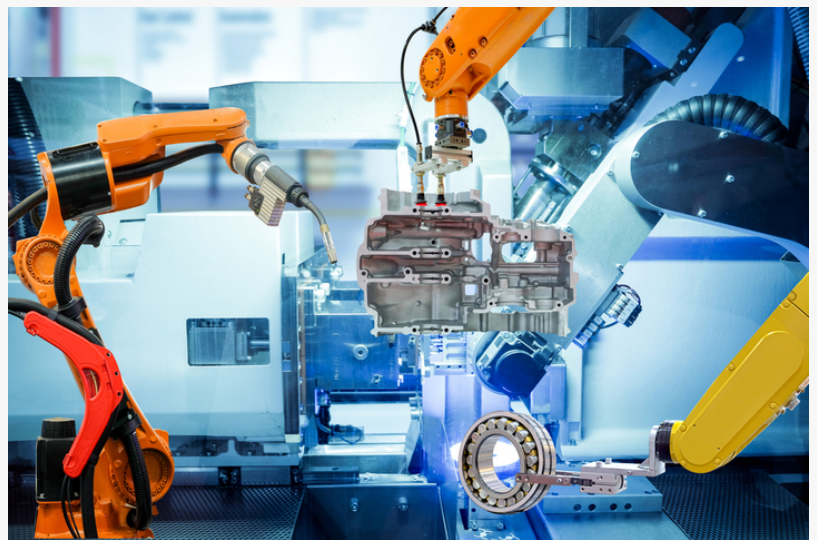
Industrial robots are used in a wide range of applications, including manufacturing, assembly, material handling, and packaging. The market is expected to grow significantly in the coming years, driven by the increasing demand for automation and the need to reduce labor costs. The market is also being driven by the growing demand for robots in the healthcare and service sectors.

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The Industrial Robotics Market is categorized based on Type, Component, Payload, Application, and Industry.

Based on Type, the global market is distinguished into Traditional Industrial Robots, Articulated Robots, SCARA Robots, Parallel/Delta Robots, Cartesian/Linear/Gantry Robots, Other Robots (Cylindrical robots, Spherical robots, and Swing-arm robots), and Collaborative Robots.

Based on Component, the global market is distinguished into Robotic Arms, Robot Accessories, End Effectors, Controllers, Drive Units, Vision Systems, Sensors, Power Supply, Others, Additional Hardware (Safety, fencing, fixtures, conveyors, etc.), System Engineering, and Software & Programming.



Global Industrial Robotics Market



Global Industrial Robotics Market



Global Industrial Robotics Market 2022 Demand Analysis, Industry Size, Share Estimation, Top Leading Companies, Revenue and Forecast to 2028"

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Based on Payload, the global market is distinguished into Up to 16.00 kg, 16.01–60.00 kg, 60.01–225.00 kg, and More than 225.00 kg. Based on Application, the global market is distinguished into Handling, Assembling and Disassembling, Welding and Soldering, Dispensing, Processing, and Others (Inspection & quality-testing and die-casting & molding).

Based on Industry, the global market is distinguished into Handling, Automotive, Electrical and Electronics, Metals and Machinery, Plastics, Rubber, and Chemicals, Food and

Beverages, Precision Engineering and Optics, Pharmaceuticals and Cosmetics, and Others (Paper and printing, foundry and forging, ceramics and stone, and wood).

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During the forecast period, APAC led the Industrial Robotics Market. The rapid adoption of modern technologies in countries such as India and China is expected to drive market expansion. Because of its solid financial position, it can invest extensively in the adoption of cutting-edge tools and technology to ensure efficient corporate operations.

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Furthermore, the automobile industry is a key adopter of industrial robotics with a wide range of applications, therefore the region's rising automotive industry will boost the market.

North America, which is one of the major innovators and pioneers in robotics adoption, is also predicted to rise significantly. The use of robots in the region is increasing, which is making US companies more competitive and creating new job opportunities. Growing expenditures in automotive facility automation show a consistent increase in robotic process automation in the region.

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- ABB (Switzerland)
- FANUC (Japan)
- YASKAWA(Japan) KUKA (Germany)
- Mitsubishi Electric (Japan) (Japan)
- Kawasaki Heavy Industries (Japan)
- Denso Corporation (Japan)
- NACHI-FUJIKOSHI (Japan)

- Seiko Epson (Japan)
- Dürr (Germany)
- Universal Robots (Denmark)
- Stäubli (Switzerland)
- Comau (Italy)
- B+M SURFACE SYSTEMS (Germany)
- ICR Services (US)
- IRS Robotics (Netherlands)
- Hyundai Robotics (South Korea)
- Siasun Robotics (China)
- RobotWorx (US)
- Techman Robot (Taiwan)
- Rethink Robotics (Germany)
- FrankaEmika (Germany)
- F&P Robotics (Switzerland)
- Bosch Rexroth (Germany).

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Industrial Robotics Market:

- In 2021, Kuka AG unveiled the first version of its new operating system, iiQKA.OS, which will greatly simplify robot use. This new operating system serves as the foundation for a whole ecosystem, offering a diverse range of programs, components, apps, equipment, and services.
- In 2021, OMRON Corporation introduced its new industrial robot, the 'i4 series SCARA robot.' The robot offers automatic high-precision, high-speed assembly and is simple to install and transport. The i4 series robots are designed to be tiny and ideal for lightweight applications.

Industrial Robotics Market: Key Players

Key Players: The industrial robotics market is dominated by a few key players, including KUKA, FANUC, and OTC. These companies are responsible for the majority of the market's growth and innovation.

In general, industrial robots are in great demand in industries such as automotive, pharmaceuticals, consumer electronics, packaging, and manufacturing. This demand, however, is predicated on their requirement for the type of robot that they place across their facilities in order to harness manufacturing activity and cut costs. For example, players in consumer electronics should install collaborative robots at a faster rate to increase production flexibility. As a result, significant investments are being made in the market, which is driving market expansion.

For more information on the Industrial Robotics Market, visit our website @ <https://www.zionmarketresearch.com/inquiry/industrial-robotics-market>



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- What are the growth rate forecast and market size for Industrial Robotics Market?
- What are the key driving factors propelling the Industrial Robotics Market forward?
- What are the most important companies in the [Industrial Robotics Market Industry](#)?
- What segments does the Industrial Robotics Market cover?

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