Industrial Robotics Market Set for Explosive Growth rate (CAGR) of 12.3% by 2030 | Emergen Research

Growing penetration of the Industrial Internet of Things (IIoT) and Artificial Intelligence (AI) in industrial manufacturing

Emergen Research Logo

VANCOUVER, BC, CANADA, November 16, 2022 /EINPresswire.com/ -- The global industrial robotics market size reached USD 42.35 Billion in 2021 and is expected to register a revenue CAGR of 12.3% during the forecast period, according to latest analysis by Emergen Research. Rapid adoption of automation, IIoT, and AI in industrial manufacturing in combination with vision and other sensing systems, which enable robots to execute difficult tasks easily is one of the major factors driving revenue growth of the market. In addition, rapid growth of logistics and supply chain where warehouses and distribution centers are increasing demand for industrial robots owing to high priority for timely delivery as well as efficient and cost-effective manufacturing processes.

> Industrial Robotics Market Size – USD 42.35 Billion in 2021, Market Growth – at a CAGR of 12.3%, Market Trends – Rapid adoption of automation in various industries"
>
> *Emergen Research*

Rising demand for industrial robots by manufacturers for automation of tasks, improved worker safety, and increased overall production output with reduced wastage and cost-extensive operating costs is one of the key factors driving growth of the market. For instance, collaborative robots or Cobots when fitted with dispensing tools can be utilized for applying glue and other adhesives as well as can be fitted with a sanding kit can be utilized for polishing pieces for a bright and smooth finish. According to International Federation of Robotics (IFR), around 486,800 industrial robot units were shipped globally on 2022, which is an increase of 27% compared to previous year. Furthermore, Asia/Australia registered a significant growth rate with an increase in installations by 33%,

reaching 354,500 units. The U.S. accounted up to 49,400 units of sale, which is 27% increase and Europe registered 15% growth rate with installation of 78,000 units.

Get a sample of the report @ https://www.emergenresearch.com/request-sample/1214

The global Industrial Robotics market report employs an extremely extensive and perceptive process that analyzes statistical data relating to services and products offered in the market. The research study is a pivotal document in understanding the needs and wants of the clients. The report is comprised of significant data about the leading companies and their marketing strategies. The Industrial Robotics industry is witnessing an expansion and change of dynamics owing to the entry of several new players.

The study outlines the rapidly evolving and growing market segments along with valuable insights into each element of the industry. The industry has witnessed the entry of several new players, and the report aims to deliver insightful information about their transition and growth in the market. Mergers, acquisitions, partnerships, agreements, product launches, and joint ventures are all outlined in the report.

Key players involved:

ABB, FANUC Corporation, YASKAWA Electric Corporation., DAIHEN Corporation, Mitsubishi Electric Corporation, KUKA, DENSO Corporation, NACHI-FUJIKOSHI CORP, Seiko Epson Corporation, and Panasonic Holdings Corporation.

Request a discount on the report @ https://www.emergenresearch.com/request-discount/1214

Some Key Highlights From the Report

The SCARA robots segment accounted for moderate revenue share in 2021 due to growing need to reduce human efforts and errors in production process. SCARA robots are extensively used for pick-and-place or assembly processes requiring great speed and precision. In comparison, SCARA robot can operate quicker and fulfill optional cleanroom criteria. SCARA robot is suited for applications with a smaller field of action and limited floor space owing to compact design, making it easy to re-allocate in temporary or remote locations.

The material handling segment accounted for largest revenue share in 2021 owing to surge in demand for industrial robots from various industries such as food & beverages, electrical & electronics, automotive, and pharmaceutical, among others. Handling and transportation of dangerous chemical for humans is highly increasing demand for industrial robots. Both robotic material handling as well as machine tending systems provide reliable delivery of productivity gains in various applications, which is increasing demand for industrial robotics.

The electrical & electronics segment accounted for a significant revenue share in 2021. High

demand for handling complicated consumer electronics, necessitate higher precision during assembly, which is one of the key factors driving revenue growth of this segment. Industrial robots are ideal for large and small electronics companies, which recognize that automation is the key to being globally competitive. It is essential for the electronics industry to have a robot with a soft and accurate arm to handle small and fragile parts. Industrial robots, such as SCARA robots, can achieve this low inertia and excellent precision while producing at high speeds.

The Global Industrial Robotics Market is further analyzed across the key geographical locations where the market has expanded to a significant size. The key region analyzed are North America, Latin America, Europe, Asia Pacific, and Middle East & Africa. The report offers a country-wise analysis to provide a comprehensive analysis of the Industrial Robotics market in terms of production and consumption patterns, supply and demand ratio, import/export, revenue contribution, trends, and presence of prominent players in each region.

Regional Analysis Covers:

North America (U.S., Canada)

Europe (U.K., Italy, Germany, France, Rest of EU)

Asia Pacific (India, Japan, China, South Korea, Australia, Rest of APAC)

Latin America (Chile, Brazil, Argentina, Rest of Latin America)

Middle East & Africa (Saudi Arabia, U.A.E., South Africa, Rest of MEA)

To know more about the report @ https://www.emergenresearch.com/industry-report/industrial-robotics-market

Emergen Research has segmented the global industrial robotics market based on type, application, end-user industry, and region:

Type Outlook (Revenue, USD Billion; 2019-2030)

SCARA robots

Cartesian robots

Articulated robots

Cylindrical robots

Collaborative robots

Others

Application Outlook (Revenue, USD Billion; 2019-2030)

Material handling

Welding & soldering

Assembling & disassembling

Dispensing

Processing

Others

End-User Industry Outlook (Revenue, USD Billion; 2019-2030)

Electrical & electronics

Automotive

Plastics, rubber & chemicals

Food & beverages

Precision engineering & optics

Metals & machinery

Others

Key Benefits For Stakeholders:

The report provides an extensive analysis of the current and future trends in the global minimally invasive surgical systems market to elucidate the imminent investment pockets.

A detailed analysis of the factors that drive and restrict the growth of the minimally invasive surgical systems market is provided.

Extensive analysis of key segments demonstrates the types of energy devices, access equipment, and visualization & documentation systems used in minimally invasive surgeries.

A comprehensive analysis of the geographical landscape provides detailed information about various regions across North America, Europe, Asia Pacific, Latin America, and Middle East & Africa.

The report offers a competitive landscape of the minimally invasive surgical systems market to assist players to gain insights into the competition scenario. Key companies operating in the market are profiled to provide valuable insights.

Request a customization of the report @ https://www.emergenresearch.com/request-for-customization/1214

Thank you for reading the research report. To get more information about the customized report and customization plan, kindly connect to us and we will provide you with the well-suited customized report.

Take a Look at our other Reports:

Photoacoustic Imaging Market

https://www.prnewswire.co.uk/news-releases/photoacoustic-imaging-market-size-worth-usd-175-8-million-by-2027-cagr-of-15-2-emergen-research-859085631.html

Assisted Reproductive Technology (ART) Market

https://www.prnewswire.co.uk/news-releases/assisted-reproductive-technology-art-market-size-worth-usd-50-32-billion-by-2027-cagr-of-9-3-emergen-research-863892761.html

Remote Vehicle Shutdown Market

https://www.prnewswire.co.uk/news-releases/remote-vehicle-shutdown-market-size-worth-usd-679-7-million-by-2027-cagr-of-7-9-emergen-research-814565048.html

Smart Glass Market

https://www.prnewswire.co.uk/news-releases/smart-glass-market-worth-usd-13-19-billion-by-2027-company-strategies-and-financials-of-gentex-corporation-gntx-nasdaq-saint-gobain-amp-others-816659811.html

Food Ingredients Market

https://www.prnewswire.co.uk/news-releases/food-ingredients-market-size-worth-usd-84-97-billion-by-2027-cagr-of-10-6-emergen-research-875002187.html

Sugar Substitutes Market

https://www.prnewswire.co.uk/news-releases/sugar-substitutes-market-size-worth-usd-22-53-billion-by-2027-cagr-of-4-8-emergen-research-863385068.html

About Us:

At Emergen Research, we believe in advancing with technology. We are growing market research and strategy consulting company with an exhaustive knowledge base of cutting-edge and potentially market-disrupting technologies that are predicted to become more prevalent in the coming decade.

Eric Lee
Emergen Research
+91 90210 91709
sales@emergenresearch.com
Visit us on social media:
Facebook
Twitter
LinkedIn