

Global Modular Robotics Market Size, Share, And Growth Analysis For 2024-2033

The Business Research Company has updated its global market reports with latest data for 2024 and projections up to 2033

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/EINPresswire.com/ -- The modular robotics market has experienced robust growth in recent years,

expanding from \$8.12 billion in 2023 to \$9.47 billion in 2024 at a compound annual growth rate (CAGR) of 16.6%. The growth in the historic period can be attributed to demand for customization, cost-efficiency and scalability, evolving industrial needs, focus on lean manufacturing, diversity of applications, training and education initiatives, increased safety standards, government initiatives and funding.



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What Is The Estimated Market Size Of The Global Modular Robotics Market And Its Annual Growth Rate?

The modular robotics market is projected to continue its strong growth, reaching to \$16.97 billion in 2028 at a compound annual growth rate (CAGR) of 15.7%. The growth in the forecast period can be attributed to

emergence of small and medium-sized enterprises (smes), focus on rapid prototyping, customization in consumer electronics manufacturing, global resilience in supply chain management, demand for lightweight and portable robotics, focus on user-friendly interfaces. Major trends in the forecast period include collaborative and cooperative robotics, rapid advances in robotic arm technologies, integration of artificial intelligence (ai), focus on scalability, application diversity across industries, evolving simulation and digital twin technologies, human-robot collaboration in warehouse automation.

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Modular Robotics Global Market Report 2024 –
Market Size, Trends, And Global Forecast 2024-2033

Growth Driver Of The Modular Robotics Market

The increasing adoption of robots in the electronics and automotive industries is driving the modular robotics market going forward. Robots are being adopted by the automotive and electronics industries for automation. By increasing automation in a factory, modular robotics decreases costs and improves efficiency in the automotive industry. Modular robots are also used in electronics manufacturing for lean production time and reducing costs.

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Which Market Players Are Driving The Modular Robotics Market Growth?

Key players in the modular robotics market include Mitsubishi Electric Corporation, Yaskawa Electric Corporation, Kawasaki Heavy Industries Limited, Universal Robots A/S, DENSO Corporation, Rethink Robotics GmbH, KUKA AG, Nachi-Fujikoshi Corporation, Yamaha Motor Co. Ltd., Acmi SpA, Shibaura Machine, Stäubli International AG, Engel Austria GmbH, Comau SPA, Cassioli Group, ABB Ltd., Acutronic Robotics, LEGO System AS, FANUC Corporation, Adept Technology Inc., Epson Robots, Omron Adept Technologies Inc., Rockwell Automation Inc., Schneider Electric SE, Emerson Electric Co., Robert Bosch GmbH, Delta Electronics Inc., Beckhoff Automation GmbH & Co. KG, Kollmorgen Corporation, Advantech Co. Ltd.

What Are The Emerging Trends Shaping The Modular Robotics Market Size?

Advanced technology is a key trend gaining popularity in the modular robotics market. Major companies operating in the modular robotics market are advancing toward the use of cost-effective technologies to gain a competitive edge in the market.

How Is The Global Modular Robotics Market Segmented?

- 1) By Product Type: SCARA Modular Robots, Articulated Modular Robots, Cartesian Modular Robots, Parallel Modular Robots, Other Robots
- 2) By Hardware Design: Chain-based, Lattice-based, Strut-based
- 3) By Configuration: Auto-Configuration, Manual Configuration
- 4) By End Use Industry: Automotive, Electronics and Electrical, Chemical, Food and Beverages, Pharmaceutical, Other End Use Industries

Geographical Insights: North America Leading The Modular Robotics Market

Asia-Pacific was the largest region in the modular robotics market share in 2023. The regions covered in the modular robotics market report are Asia-Pacific, Western Europe, Eastern Europe, North America, South America, Middle East, Africa.

Modular Robotics Market Definition

Modular robotics refers to robots designed with parts that can be reconfigured to assume different shapes and functions. These robots have the capability of reconfiguring their shapes autonomously in many cases and adapting to new circumstances, performing new tasks, or recovering from damage beyond the conventional actuation, sensing, and control typically found

in fixed-morphology robots.

Modular Robotics Global Market Report 2024 from [The Business Research Company](#) covers the following information:

- Market size data for the forecast period: Historical and Future
- Macroeconomic factors affecting the market in the short and long run
- Analysis of the macro and micro economic factors that have affected the market in the past five years
- Market analysis by region: Asia-Pacific, China, Western Europe, Eastern Europe, North America, USA, South America, Middle East and Africa.
- Market analysis by countries: Australia, Brazil, China, France, Germany, India, Indonesia, Japan, Russia, South Korea, UK, USA.

An overview of the global modular robotics market report covering trends, opportunities, strategies, and more

The Modular Robotics Global Market Report 2024 by The Business Research Company is the most comprehensive report that provides insights on modular robotics market size, modular robotics market drivers and trends, modular robotics market major players, modular robotics competitors' revenues, modular robotics market positioning, and modular robotics market growth across geographies. The modular robotics market report helps you gain in-depth insights into opportunities and strategies. Companies can leverage the data in the report and tap into segments with the highest growth potential.

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