

Global Robotics Market 2022-2028

<https://marketpublishers.com/r/G1B09946F80BEN.html>

Date: June 2022

Pages: 76

Price: US\$ 2,600.00 (Single User License)

ID: G1B09946F80BEN

Abstracts

Robotics is an interdisciplinary sector of science and engineering dedicated to the design, construction and use of mechanical robots. Robots eliminate dangerous jobs for humans because they are capable of working in hazardous environments. They can handle lifting heavy loads, toxic substances and repetitive tasks. This has helped companies to prevent many accidents, also saving time and money. The global robotics market is anticipated to increase by USD 46 billion till 2028 at an average annual growth of 10.9 percent as per the latest report by Gen Consulting Company.

The report provides in-depth analysis and insights regarding the current global market scenario, latest trends and drivers into global robotics market. It offers an exclusive insight into various details such as market size, key trends, competitive landscape, growth rate and market segments. This study also provides an analysis of the impact of the COVID-19 crisis on the robotics industry.

This industry report offers market estimates and forecasts of the global market, followed by a detailed analysis of the type, performed task, product, end user, and region. The global market for robotics can be segmented by type: industrial robots, professional service robots, defence robotics, domestic service robots, others. Globally, the industrial robots segment made up the largest share of the robotics market. Robotics market is further segmented by performed task: assembly, hazardous materials disposal, inspection and sample collection, painting, coating and gluing, palletizing and packaging, part cutting and forming, surgery, surveillance, welding and soldering, others. Based on product, the robotics market is segmented into: robot parts, robot safety materials, robot software, whole robots. According to the research, the whole robots segment had the largest share in the global robotics market. On the basis of end user, the robotics market also can be divided into: aerospace, automotive, building & construction, chemicals & pharmaceuticals, consumer products, electrical & electronics, food & beverages, healthcare, military & defense, others. The automotive segment held

the largest revenue share in 2021. Robotics market by region is categorized into: Asia Pacific, Europe, North America, Rest of the World (RoW).

By type:

industrial robots

professional service robots

defence robotics

domestic service robots

others

By performed task:

assembly

hazardous materials disposal

inspection and sample collection

painting, coating and gluing

palletizing and packaging

part cutting and forming

surgery

surveillance

welding and soldering

others

By product:

robot parts

robot safety materials

robot software

whole robots

By end user:

aerospace

automotive

building & construction

chemicals & pharmaceuticals

consumer products

electrical & electronics

food & beverages

healthcare

military & defense

others

By region:

Asia Pacific

Europe

North America

Rest of the World (RoW)

The report also provides a detailed analysis of several leading robotics market vendors that include ABB Ltd., DENSO Corporation, FANUC Corporation, Kawasaki Heavy Industries Ltd., KUKA AG, Mitsubishi Electric Corporation, Nachi Robotic Systems, Inc., Robert Bosch GmbH, Rockwell Automation, Inc., Siemens AG, Toshiba Corporation, Yaskawa Electric Corporation, among others.

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Historical & Forecast Period

This research report provides analysis for each segment from 2018 to 2028 considering 2021 to be the base year.

Scope of the Report

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

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

To identify drivers and challenges for the global robotics market.

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

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

Why Choose This Report

Gain a reliable outlook of the global robotics market forecasts from 2022 to 2028 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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Defence robotics
Domestic service robots
Others

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Whole robots

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Automotive
Building & construction
Chemicals & pharmaceuticals
Consumer products
Electrical & electronics
Food & beverages
Healthcare
Military & defense
Others

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Asia Pacific
Europe
North America
Rest of the World (RoW)

PART 10. KEY COMPANIES

ABB Ltd.
DENSO Corporation
FANUC Corporation
Kawasaki Heavy Industries Ltd.

KUKA AG

Mitsubishi Electric Corporation

Nachi Robotic Systems, Inc.

Robert Bosch GmbH

Rockwell Automation, Inc.

Siemens AG

Toshiba Corporation

Yaskawa Electric Corporation

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