

Global Collaborative Robot (Cobot) Market 2022-2028

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Abstracts

Collaborative robots (cobots) are robots intended for direct human robot interaction within a shared space, or where humans and robots are in close proximity. These machines focus more on repetitive tasks, such as inspection and picking, to help workers focus more on tasks that require problem-solving skills. According to Gen Consulting Company, the global collaborative robot market size is expected to increase from USD 1,373 million in 2021 to USD 13,834 million by 2028, garnering a CAGR of 39.1% over the evaluated period.

The report provides in-depth analysis and insights regarding the current global market scenario, latest trends and drivers into global collaborative robot 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 collaborative robot industry.

This industry report offers market estimates and forecasts of the global market, followed by a detailed analysis of the payload, application, end user, and region. The global market for collaborative robot can be segmented by payload: less than 5kg, 5-10kg, more than 10kg. Collaborative robot market is further segmented by application: assembly, material handling, packaging and palletizing, pick and place, quality testing, others. The assembly segment held the largest share of the global collaborative robot market in 2021 and is anticipated to hold its share during the forecast period. Based on end user, the collaborative robot market is segmented into: automotive, electronics manufacturing, food and beverages, healthcare and life sciences, logistics, others. In 2021, the automotive segment made up the largest share of revenue generated by the collaborative robot market. On the basis of region, the collaborative robot market also can be divided into: Asia Pacific, Europe, North America, Rest of the World (RoW). Among these, Asia Pacific was accounted for the highest revenue generator in 2021.

By payload:

less than 5kg

5-10kg

more than 10kg

By application:

assembly

material handling

packaging and palletizing

pick and place

quality testing

others

By end user:

automotive

electronics manufacturing

food and beverages

healthcare and life sciences

logistics

others

By region:

Asia Pacific

Europe

North America

Rest of the World (RoW)

The report also provides a detailed analysis of several leading collaborative robot market vendors that include ABB Limited, BAE Systems plc, Comau SpA, Denso Robotics, Inc., FANUC Corporation, HAHN Group GmbH (Rethink Robotics GMBH), Hanwha Techwin Co., Ltd., Kawasaki Heavy Industries, Ltd., Kuka AG (Midea Group Co., Ltd.), Nachi Robotics Systems, Inc., Omron Adept Technology, Inc., Robert Bosch GmbH, Shenzhen Han's Robot Co., Ltd, Staubli International AG, Techman Robot Inc., Universal Robots A/S, Voith Robotics GmbH, 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 collaborative robot market.

To classify and forecast the global collaborative robot market based on payload, application, end user, region.

To identify drivers and challenges for the global collaborative robot market.

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

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

Why Choose This Report

Gain a reliable outlook of the global collaborative robot 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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Less than 5kg
5-10kg
More than 10kg

PART 6. MARKET BREAKDOWN BY APPLICATION

Assembly
Material handling
Packaging and palletizing
Pick and place
Quality testing
Others

PART 7. MARKET BREAKDOWN BY END USER

Automotive
Electronics manufacturing
Food and beverages
Healthcare and life sciences
Logistics
Others

PART 8. MARKET BREAKDOWN BY REGION

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

PART 9. KEY COMPANIES

ABB Limited
BAE Systems plc
Comau SpA
Denso Robotics, Inc.
FANUC Corporation
HAHN Group GmbH (Rethink Robotics GMBH)
Hanwha Techwin Co., Ltd.
Kawasaki Heavy Industries, Ltd.
Kuka AG (Midea Group Co., Ltd.)
Nachi Robotics Systems, Inc.
Omron Adept Technology, Inc.
Robert Bosch GmbH
Shenzhen Han's Robot Co., Ltd
Staubli International AG
Techman Robot Inc.
Universal Robots A/S
Voith Robotics GmbH
Yaskawa Electric Corporation

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