

Collaborative Robot Market in Asia Pacific 2023

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Abstracts

A collaborative robot, also known as a cobot, is a type of robot designed to work safely alongside human workers. Unlike traditional industrial robots, which are typically caged off and require specialized programming and safety measures, cobots are equipped with sensors and other safety features that allow them to work in close proximity to humans without posing a risk of injury. Cobots can be programmed to perform a wide range of tasks, from simple pick-and-place operations to more complex assembly and manufacturing processes. They are increasingly being used in industries such as manufacturing, healthcare, and logistics to improve efficiency, productivity, and safety. According to the latest data, the market size of the collaborative robot industry in Asia Pacific is expected to rise by USD 3,453.4 million with a CAGR of 32.1% by the end of 2029. With the rise of Industry 4.0, there is a growing demand for automation across various industries in the Asia Pacific region. Collaborative robots are seen as a way to increase productivity, reduce labor costs, and improve product quality. Many countries in the Asia Pacific region, such as Japan and South Korea, are facing labor shortages due to aging populations and declining birth rates. Collaborative robots can help fill the gap by performing tasks that are difficult, dangerous, or repetitive.

This industry report offers market estimates of the Asia Pacific market, followed by a detailed analysis of the payload, application, end user, and country. The Asia Pacific market data on collaborative robot can be segmented by payload: less than 5kg, 5-10kg, more than 10kg. In Asia Pacific, the less than 5kg segment made up the largest share of the collaborative robot market. Collaborative robot market is further segmented by application: assembly, machine tending, material handling, molding operations, packaging and palletizing, pick and place, polishing, screwing, test and inspection, others. The assembly segment captured the largest share of the market in 2022. Based on end user, the collaborative robot market is segmented into: automotive, electrical and electronics, food and beverages, healthcare and life sciences, metal and machining, plastic and polymer, others. According to the research, the automotive

segment had the largest share in the collaborative robot market in Asia Pacific. On the basis of country, the collaborative robot market also can be divided into: China, Japan, South Korea, Rest of Asia-Pacific.

The Asia Pacific collaborative robot market is highly competitive. The collaborative robot market is dominated by key players, which are ABB Ltd., AUBO (Beijing) Robotics Technology Co. Ltd., Comau SpA, Denso Robotics Inc., Doosan Robotics Inc., F&P Robotics AG, FANUC Corporation, Franka Emika GmbH, HAHN Group GmbH (Rethink Robotics GMBH), Hanwha Techwin Co. Ltd., Kawada Industries Inc., Kawasaki Heavy Industries Ltd., Kuka AG (Midea Group Co. Ltd.), Mitsubishi Electric Corporation, Nachi Robotics Systems Inc., Omron Adept Technology Inc., Robert Bosch GmbH, Seiko Epson Corporation, Shenzhen Han's Robot Co. Ltd, Staubli International AG, Techman Robot Inc., Universal Robots A/S, Yaskawa Electric Corporation.

The data-centric report focuses on market trends, status and outlook for segments. With comprehensive market assessment across the major geographies, the report is a valuable asset for the existing players, new entrants and the future investors.

Why buy this report?

Get a detailed picture of the Asia Pacific Collaborative Robot Market

Identify segments/areas to invest in over the forecast period in the Asia Pacific Collaborative Robot Market

Understand the competitive environment, the market's leading players

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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More than 10kg

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Material handling
Molding operations
Packaging and palletizing
Pick and place
Polishing
Screwing
Test and inspection
Others

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Food and beverages
Healthcare and life sciences
Metal and machining
Plastic and polymer

Others

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Japan

South Korea

Rest of Asia-Pacific

PART 8. KEY COMPANIES

ABB Ltd.

AUBO (Beijing) Robotics Technology Co., Ltd.

Comau SpA

Denso Robotics, Inc.

Doosan Robotics Inc.

F&P Robotics AG

FANUC Corporation

Franka Emika GmbH

HAHN Group GmbH (Rethink Robotics GMBH)

Hanwha Techwin Co., Ltd.

Kawada Industries Inc.

Kawasaki Heavy Industries, Ltd.

Kuka AG (Midea Group Co., Ltd.)

Mitsubishi Electric Corporation

Nachi Robotics Systems, Inc.

Omron Adept Technology, Inc.

Robert Bosch GmbH

Seiko Epson Corporation

Shenzhen Han's Robot Co., Ltd

Staubli International AG

Techman Robot Inc.

Universal Robots A/S

Yaskawa Electric Corporation

PART 9. METHODOLOGY

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