

# **Asia Pacific Collaborative Robots Market Forecast to 2030 - Regional Analysis - Payload (Up to 5 Kgs, 5-10 Kgs, and Above 10 Kgs), Application (Assembly, Material Handling, Pick & Place, Quality Testing, Packaging, Machine Tending, Welding, and Others), Type (Robotic Arm, Grippers, Welding Guns, and Others), and End-User Industry (Automotive, Metal & Machinery, Electronics, Pharmaceuticals, Food & beverages, Logistics, and Others)**

<https://marketpublishers.com/r/A224721CCFE0EN.html>

Date: December 2023

Pages: 147

Price: US\$ 3,550.00 (Single User License)

ID: A224721CCFE0EN

## **Abstracts**

The Asia Pacific collaborative robots market is expected to grow from US\$ 415.99 million in 2022 to US\$ 3,421.48 million by 2030. It is estimated to grow at a CAGR of 30.1% from 2022 to 2030.

### **Rapid Expansion in Manufacturing Industry Fuel Asia Pacific Collaborative Robots Market**

The manufacturing industry is rapidly expanding as more and newer regions are investing to adopt manufacturing plants in their localities. This expansion in the manufacturing industry is expected to embrace technological advancements in order to enhance the plant productivity, maintain edge with the customers and gain a competitive advantage. The expansion in the manufacturing industry is further highly driven by the economic growth worldwide. Also, the industry is presently found to be in the middle of a technological renaissance, which is changing the outlook, systems and processes of the modern factory. This technological revolution in the factories has been encouraging the manufacturing industries to further invest into these emerging technologies in order to enhance their productivity and production cycle. Thus, the rapid expansion in the manufacturing industry is expected to drive the demand for

collaborative robots globally.

#### Asia Pacific Collaborative Robots Market Overview

Asia Pacific region consists of many developing countries which are witnessing a high growth in their manufacturing sector. The region has become a global manufacturing hub with the presence of diverse manufacturing industries. Among China's evolution into a high-skilled manufacturing hub, other developing countries such as India, South Korea, Taiwan and Vietnam among others are attracting several businesses that are in quest to relocate their low to medium skilled manufacturing facilities to neighboring countries, offering low labor cost. Further, the governments of these countries are making developments to improve investment ideas. Although, challenges including lack of skilled labor, low productivity, and developed infrastructure scarcity are few of the restraints that are required to be addressed to strengthen their position as a key manufacturing hub in the Asia Pacific region.

#### Asia Pacific Collaborative Robots Market Revenue and Forecast to 2030 (US\$ Million)

#### Asia Pacific Collaborative Robots Market Segmentation

The Asia Pacific collaborative robots market is segmented into payload, application, type, and end-user industry country.

Based on payload, the Asia Pacific collaborative robots market is segmented into Up to 5 Kgs, 5-10 Kgs, and above 10 Kgs. The above 10 Kgs segment held the largest share of the Asia Pacific collaborative robots market in 2022.

Based on application, the Asia Pacific collaborative robots market is segmented into assembly, material handling, pick & place, quality testing, packaging, machine tending, welding, and others. The assembly segment held the largest share of the Asia Pacific collaborative robots market in 2022.

Based on type, the Asia Pacific collaborative robots market is segmented into robotic arm, grippers, welding guns, and others. The robotic arm segment held the largest share of Asia Pacific collaborative robots market in 2022.

Based on end-user industry, the Asia Pacific collaborative robots market is automotive, metal & machinery, electronics, pharmaceuticals, food & beverages, logistics, and others. The automotive segment held the largest share of Asia Pacific collaborative robots market in 2022.

Based on country, the Asia Pacific collaborative robots market is segmented into the Australia, China, India, Japan, South Korea, Indonesia, Singapore, Malaysia, Taiwan, Thailand, and Rest of Asia Pacific. The China dominated the Asia Pacific collaborative robots market in 2022.

Kuka AG; Yaskawa America Inc; Aubo (Beijing) Robotics Technology Co Ltd; Doosan Robotics Inc; Fanuc Corp; ABB Ltd; Universal Robots AS; and Kawasaki Heavy Industries Ltd are some of the leading companies operating in the Asia Pacific collaborative robots market.

## Contents

### **1. INTRODUCTION**

- 1.1 The Insight Partners Research Report Guidance
- 1.2 Market Segmentation

### **2. EXECUTIVE SUMMARY**

- 2.1 Key Insights
- 2.2 Market Attractiveness

### **3. RESEARCH METHODOLOGY**

- 3.1 Coverage
- 3.2 Secondary Research
- 3.3 Primary Research

### **4. ASIA PACIFIC COLLABORATIVE ROBOTS MARKET LANDSCAPE**

- 4.1 Overview

### **5. ASIA PACIFIC COLLABORATIVE ROBOTS MARKET – KEY MARKET DYNAMICS**

- 5.1 Market Drivers
  - 5.1.1 Government Support for the Development and Deployment of Robotics
  - 5.1.2 Rapid Expansion in Manufacturing Industry
- 5.2 Market Restraints
  - 5.2.1 Relatively Slow Production Rate
- 5.3 Market Opportunity
  - 5.3.1 Widespread Adoption of Industrial Automation in Diverse Industries
- 5.4 Future Trends
  - 5.4.1 Advancement in Robotics Industry
- 5.5 Impact Analysis

### **6. ASIA PACIFIC COLLABORATIVE ROBOTS MARKET - MARKET ANALYSIS**

- 6.1 Asia Pacific Collaborative Robots Market Volume (Units)

6.2 Asia Pacific Collaborative Robots Market Revenue (US\$ Million)

6.3 Asia Pacific Collaborative Robots Market Forecast and Analysis

## **7. ASIA PACIFIC COLLABORATIVE ROBOTS MARKET ANALYSIS - PAYLOAD**

7.1 Up to 5 Kgs

7.1.1 Overview

7.1.2 Up to 5 Kgs Market Volume, Revenue and Forecast to 2030 (Units) (US\$ Million)

7.2 5-10 Kgs

7.2.1 Overview

7.2.2 5-10 Kgs Market Volume, Revenue and Forecast to 2030 (Units) (US\$ Million)

7.3 Above 10 Kgs

7.3.1 Overview

7.3.2 Above 10 Kgs Market Volume, Revenue and Forecast to 2030 (Units) (US\$ Million)

## **8. ASIA PACIFIC COLLABORATIVE ROBOTS MARKET ANALYSIS - APPLICATION**

8.1 Assembly

8.1.1 Overview

8.1.2 Assembly Market Volume, Revenue, and Forecast to 2030 (Units) (US\$ Million)

8.2 Material Handling

8.2.1 Overview

8.2.2 Material Handling Market Volume, Revenue, and Forecast to 2030 (Units) (US\$ Million)

8.3 Pick & Place

8.3.1 Overview

8.3.2 Pick & Place Market Volume, Revenue and Forecast to 2030 (Units) (US\$ Million)

8.4 Quality Testing

8.4.1 Overview

8.4.2 Quality Testing Market Volume, Revenue and Forecast to 2030 (Units) (US\$ Million)

8.5 Packaging

8.5.1 Overview

8.5.2 Packaging Market Volume, Revenue and Forecast to 2030 (Units) (US\$ Million)

8.6 Machine Tending

8.6.1 Overview

8.6.2 Machine Tending Market Volume, Revenue and Forecast to 2030 (Units) (US\$ Million)

Million)

## 8.7 Welding

### 8.7.1 Overview

8.7.2 Welding Market Volume, Revenue and Forecast to 2030 (Units) (US\$ Million)

## 8.8 Others

### 8.8.1 Overview

8.8.2 Others Market Volume, Revenue and Forecast to 2030 (Units) (US\$ Million)

## **9. ASIA PACIFIC COLLABORATIVE ROBOTS MARKET ANALYSIS - TYPE**

### 9.1 Robotic Arm

#### 9.1.1 Overview

9.1.2 Robotic Arm Market Volume, Revenue, and Forecast to 2030 (Units) (US\$ Million)

### 9.2 Grippers

#### 9.2.1 Overview

9.2.2 Grippers Market Volume, Revenue, and Forecast to 2030 (Units) (US\$ Million)

### 9.3 Welding Guns

#### 9.3.1 Overview

9.3.2 Welding Guns Market Volume, Revenue and Forecast to 2030 (Units) (US\$ Million)

### 9.4 Others

#### 9.4.1 Overview

9.4.2 Others Market Volume, Revenue and Forecast to 2030 (Units) (US\$ Million)

## **10. ASIA PACIFIC COLLABORATIVE ROBOTS MARKET ANALYSIS – END-USER INDUSTRY**

### 10.1 Automotive

#### 10.1.1 Overview

10.1.2 Automotive Market Volume, Revenue, and Forecast to 2030 (Units) (US\$ Million)

### 10.2 Metal & Machinery

#### 10.2.1 Overview

10.2.2 Metal & Machinery Market Volume, Revenue, and Forecast to 2030 (Units) (US\$ Million)

### 10.3 Electronics

#### 10.3.1 Overview

10.3.2 Electronics Market Volume, Revenue and Forecast to 2030 (Units) (US\$

Million)

#### 10.4 Pharmaceuticals

##### 10.4.1 Overview

10.4.2 Pharmaceuticals Market Volume, Revenue and Forecast to 2030 (Units) (US\$ Million)

#### 10.5 Food & Beverages

##### 10.5.1 Overview

10.5.2 Food & Beverages Market Volume, Revenue and Forecast to 2030 (Units) (US\$ Million)

#### 10.6 Logistics

##### 10.6.1 Overview

##### 10.6.2 Logistics Market Volume, Revenue and Forecast to 2030 (Units) (US\$ Million)

#### 10.7 Others

##### 10.7.1 Overview

##### 10.7.2 Others Market Volume, Revenue and Forecast to 2030 (Units) (US\$ Million)

## **11. ASIA PACIFIC COLLABORATIVE ROBOTS MARKET - COUNTRY ANALYSIS**

### 11.1 Asia Pacific Collaborative Robots Market

#### 11.1.1 Overview

11.1.2 Asia Pacific Collaborative Robots Market, By Key Country- Revenue 2022 (US\$ Million)

#### 11.1.3 Asia Pacific Collaborative Robots Market Breakdown by Country

##### 11.1.3.1 Asia Pacific Collaborative Robots Market Breakdown by Country

11.1.3.2 Australia Collaborative Robots Market Volume and Forecasts To 2030 (Units)

11.1.3.3 Australia Collaborative Robots Market Revenue and Forecasts To 2030 (US\$ Million)

##### 11.1.3.3.1 Australia Collaborative Robots Market Breakdown by Payload

##### 11.1.3.3.2 Australia Collaborative Robots Market Breakdown by Payload

##### 11.1.3.3.3 Australia Collaborative Robots Market Breakdown by Application

##### 11.1.3.3.4 Australia Collaborative Robots Market Breakdown by Application

##### 11.1.3.3.5 Australia Collaborative Robots Market Breakdown by Type

##### 11.1.3.3.6 Australia Collaborative Robots Market Breakdown by Type

##### 11.1.3.3.7 Australia Collaborative Robots Market Breakdown by End-User Industry

##### 11.1.3.3.8 Australia Collaborative Robots Market Breakdown by End-User Industry

#### 11.1.3.4 China Collaborative Robots Market Volume and Forecasts To 2030 (Units)

11.1.3.5 China Collaborative Robots Market Revenue and Forecasts To 2030 (US\$ Million)

- 11.1.3.5.1 China Collaborative Robots Market Breakdown by Payload
- 11.1.3.5.2 China Collaborative Robots Market Breakdown by Payload
- 11.1.3.5.3 China Collaborative Robots Market Breakdown by Application
- 11.1.3.5.4 China Collaborative Robots Market Breakdown by Application
- 11.1.3.5.5 China Collaborative Robots Market Breakdown by Type
- 11.1.3.5.6 China Collaborative Robots Market Breakdown by Type
- 11.1.3.5.7 China Collaborative Robots Market Breakdown by End-User Industry
- 11.1.3.5.8 China Collaborative Robots Market Breakdown by End-User Industry
- 11.1.3.6 India Collaborative Robots Market Volume and Forecasts To 2030 (Units)
- 11.1.3.7 India Collaborative Robots Market Revenue and Forecasts To 2030 (US\$ Million)
  - 11.1.3.7.1 India Collaborative Robots Market Breakdown by Payload
  - 11.1.3.7.2 India Collaborative Robots Market Breakdown by Payload
  - 11.1.3.7.3 India Collaborative Robots Market Breakdown by Application
  - 11.1.3.7.4 India Collaborative Robots Market Breakdown by Application
  - 11.1.3.7.5 India Collaborative Robots Market Breakdown by Type
  - 11.1.3.7.6 India Collaborative Robots Market Breakdown by Type
  - 11.1.3.7.7 India Collaborative Robots Market Breakdown by End-User Industry
  - 11.1.3.7.8 India Collaborative Robots Market Breakdown by End-User Industry
- 11.1.3.8 Japan Collaborative Robots Market Volume and Forecasts To 2030 (Units)
- 11.1.3.9 Japan Collaborative Robots Market Revenue and Forecasts To 2030 (US\$ Million)
  - 11.1.3.9.1 Japan Collaborative Robots Market Breakdown by Payload
  - 11.1.3.9.2 Japan Collaborative Robots Market Breakdown by Payload
  - 11.1.3.9.3 Japan Collaborative Robots Market Breakdown by Application
  - 11.1.3.9.4 Japan Collaborative Robots Market Breakdown by Application
  - 11.1.3.9.5 Japan Collaborative Robots Market Breakdown by Type
  - 11.1.3.9.6 Japan Collaborative Robots Market Breakdown by Type
  - 11.1.3.9.7 Japan Collaborative Robots Market Breakdown by End-User Industry
  - 11.1.3.9.8 Japan Collaborative Robots Market Breakdown by End-User Industry
- 11.1.3.10 South Korea Collaborative Robots Market Volume and Forecasts To 2030 (Units)
- 11.1.3.11 South Korea Collaborative Robots Market Revenue and Forecasts To 2030 (US\$ Million)
  - 11.1.3.11.1 South Korea Collaborative Robots Market Breakdown by Payload
  - 11.1.3.11.2 South Korea Collaborative Robots Market Breakdown by Payload
  - 11.1.3.11.3 South Korea Collaborative Robots Market Breakdown by Application
  - 11.1.3.11.4 South Korea Collaborative Robots Market Breakdown by Application
  - 11.1.3.11.5 South Korea Collaborative Robots Market Breakdown by Type

- 11.1.3.11.6 South Korea Collaborative Robots Market Breakdown by Type
- 11.1.3.11.7 South Korea Collaborative Robots Market Breakdown by End-User Industry
- 11.1.3.11.8 South Korea Collaborative Robots Market Breakdown by End-User Industry
- 11.1.3.12 Indonesia Collaborative Robots Market Volume and Forecasts To 2030 (Units)
- 11.1.3.13 Indonesia Collaborative Robots Market Revenue and Forecasts To 2030 (US\$ Million)
  - 11.1.3.13.1 Indonesia Collaborative Robots Market Breakdown by Payload
  - 11.1.3.13.2 Indonesia Collaborative Robots Market Breakdown by Payload
  - 11.1.3.13.3 Indonesia Collaborative Robots Market Breakdown by Application
  - 11.1.3.13.4 Indonesia Collaborative Robots Market Breakdown by Application
  - 11.1.3.13.5 Indonesia Collaborative Robots Market Breakdown by Type
  - 11.1.3.13.6 Indonesia Collaborative Robots Market Breakdown by Type
  - 11.1.3.13.7 Indonesia Collaborative Robots Market Breakdown by End-User Industry
  - 11.1.3.13.8 Indonesia Collaborative Robots Market Breakdown by End-User Industry
- 11.1.3.14 Singapore Collaborative Robots Market Volume and Forecasts To 2030 (Units)
- 11.1.3.15 Singapore Collaborative Robots Market Revenue and Forecasts To 2030 (US\$ Million)
  - 11.1.3.15.1 Singapore Collaborative Robots Market Breakdown by Payload
  - 11.1.3.15.2 Singapore Collaborative Robots Market Breakdown by Payload
  - 11.1.3.15.3 Singapore Collaborative Robots Market Breakdown by Application
  - 11.1.3.15.4 Singapore Collaborative Robots Market Breakdown by Application
  - 11.1.3.15.5 Singapore Collaborative Robots Market Breakdown by Type
  - 11.1.3.15.6 Singapore Collaborative Robots Market Breakdown by Type
  - 11.1.3.15.7 Singapore Collaborative Robots Market Breakdown by End-User Industry
  - 11.1.3.15.8 Singapore Collaborative Robots Market Breakdown by End-User Industry
- 11.1.3.16 Malaysia Collaborative Robots Market Volume and Forecasts To 2030 (Units)
- 11.1.3.17 Malaysia Collaborative Robots Market Revenue and Forecasts To 2030 (US\$ Million)
  - 11.1.3.17.1 Malaysia Collaborative Robots Market Breakdown by Payload
  - 11.1.3.17.2 Malaysia Collaborative Robots Market Breakdown by Payload



- 11.1.3.17.3 Malaysia Collaborative Robots Market Breakdown by Application
- 11.1.3.17.4 Malaysia Collaborative Robots Market Breakdown by Application
- 11.1.3.17.5 Malaysia Collaborative Robots Market Breakdown by Type
- 11.1.3.17.6 Malaysia Collaborative Robots Market Breakdown by Type
- 11.1.3.17.7 Malaysia Collaborative Robots Market Breakdown by End-User Industry
- 11.1.3.17.8 Malaysia Collaborative Robots Market Breakdown by End-User Industry
- 11.1.3.18 Taiwan Collaborative Robots Market Volume and Forecasts To 2030  
(Units)
- 11.1.3.19 Taiwan Collaborative Robots Market Revenue and Forecasts To 2030  
(US\$ Million)
- 11.1.3.19.1 Taiwan Collaborative Robots Market Breakdown by Payload
- 11.1.3.19.2 Taiwan Collaborative Robots Market Breakdown by Payload
- 11.1.3.19.3 Taiwan Collaborative Robots Market Breakdown by Application
- 11.1.3.19.4 Taiwan Collaborative Robots Market Breakdown by Application
- 11.1.3.19.5 Taiwan Collaborative Robots Market Breakdown by Type
- 11.1.3.19.6 Taiwan Collaborative Robots Market Breakdown by Type
- 11.1.3.19.7 Taiwan Collaborative Robots Market Breakdown by End-User Industry
- 11.1.3.19.8 Taiwan Collaborative Robots Market Breakdown by End-User Industry
- 11.1.3.20 Thailand Collaborative Robots Market Volume and Forecasts To 2030  
(Units)
- 11.1.3.21 Thailand Collaborative Robots Market Revenue and Forecasts To 2030  
(US\$ Million)
- 11.1.3.21.1 Thailand Collaborative Robots Market Breakdown by Payload
- 11.1.3.21.2 Thailand Collaborative Robots Market Breakdown by Payload
- 11.1.3.21.3 Thailand Collaborative Robots Market Breakdown by Application
- 11.1.3.21.4 Thailand Collaborative Robots Market Breakdown by Application
- 11.1.3.21.5 Thailand Collaborative Robots Market Breakdown by Type
- 11.1.3.21.6 Thailand Collaborative Robots Market Breakdown by Type
- 11.1.3.21.7 Thailand Collaborative Robots Market Breakdown by End-User Industry
- 11.1.3.21.8 Thailand Collaborative Robots Market Breakdown by End-User Industry
- 11.1.3.22 Rest of Asia Pacific Collaborative Robots Market Volume and Forecasts To 2030 (Units)
- 11.1.3.23 Rest of Asia Pacific Collaborative Robots Market Revenue and Forecasts To 2030 (US\$ Million)
- 11.1.3.23.1 Rest of Asia Pacific Collaborative Robots Market Breakdown by Payload
- 11.1.3.23.2 Rest of Asia Pacific Collaborative Robots Market Breakdown by Payload
- 11.1.3.23.3 Rest of Asia Pacific Collaborative Robots Market Breakdown by Application
- 11.1.3.23.4 Rest of Asia Pacific Collaborative Robots Market Breakdown by

## Application

11.1.3.23.5 Rest of Asia Pacific Collaborative Robots Market Breakdown by Type

11.1.3.23.6 Rest of Asia Pacific Collaborative Robots Market Breakdown by Type

11.1.3.23.7 Rest of Asia Pacific Collaborative Robots Market Breakdown by End-

## User Industry

11.1.3.23.8 Rest of Asia Pacific Collaborative Robots Market Breakdown by End-

## User Industry

## 12. COMPANY PROFILES

### 12.1 Kuka AG

12.1.1 Key Facts

12.1.2 Business Description

12.1.3 Products and Services

12.1.4 Financial Overview

12.1.5 SWOT Analysis

12.1.6 Key Developments

### 12.2 Yaskawa America Inc

12.2.1 Key Facts

12.2.2 Business Description

12.2.3 Products and Services

12.2.4 Financial Overview

12.2.5 SWOT Analysis

12.2.6 Key Developments

### 12.3 Aubo (Beijing) Robotics Technology Co Ltd

12.3.1 Key Facts

12.3.2 Business Description

12.3.3 Products and Services

12.3.4 Financial Overview

12.3.5 SWOT Analysis

12.3.6 Key Developments

### 12.4 Doosan Robotics Inc

12.4.1 Key Facts

12.4.2 Business Description

12.4.3 Products and Services

12.4.4 Financial Overview

12.4.5 SWOT Analysis

12.4.6 Key Developments

### 12.5 Fanuc Corp

- 12.5.1 Key Facts
- 12.5.2 Business Description
- 12.5.3 Products and Services
- 12.5.4 Financial Overview
- 12.5.5 SWOT Analysis
- 12.5.6 Key Developments
- 12.6 ABB Ltd
  - 12.6.1 Key Facts
  - 12.6.2 Business Description
  - 12.6.3 Products and Services
  - 12.6.4 Financial Overview
  - 12.6.5 SWOT Analysis
  - 12.6.6 Key Developments
- 12.7 Universal Robots AS
  - 12.7.1 Key Facts
  - 12.7.2 Business Description
  - 12.7.3 Products and Services
  - 12.7.4 Financial Overview
  - 12.7.5 SWOT Analysis
  - 12.7.6 Key Developments
- 12.8 Techman Robot Inc
  - 12.8.1 Key Facts
  - 12.8.2 Business Description
  - 12.8.3 Products and Services
  - 12.8.4 Financial Overview
  - 12.8.5 SWOT Analysis
  - 12.8.6 Key Developments
- 12.9 Kawasaki Heavy Industries Ltd
  - 12.9.1 Key Facts
  - 12.9.2 Business Description
  - 12.9.3 Products and Services
  - 12.9.4 Financial Overview
  - 12.9.5 SWOT Analysis
  - 12.9.6 Key Developments

## **13. APPENDIX**

## I would like to order

Product name: Asia Pacific Collaborative Robots Market Forecast to 2030 - Regional Analysis - Payload (Up to 5 Kgs, 5-10 Kgs, and Above 10 Kgs), Application (Assembly, Material Handling, Pick & Place, Quality Testing, Packaging, Machine Tending, Welding, and Others), Type (Robotic Arm, Grippers, Welding Guns, and Others), and End-User Industry (Automotive, Metal & Machinery, Electronics, Pharmaceuticals, Food & beverages, Logistics, and Others)

Product link: <https://marketpublishers.com/r/A224721CCFE0EN.html>

Price: US\$ 3,550.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/A224721CCFE0EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms

& Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below  
and fax the completed form to +44 20 7900 3970