

# **South & Central America 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)**

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## **Abstracts**

The South & Central America collaborative robots market is expected to grow from US\$ 24.42 million in 2022 to US\$ 112.83 million by 2030. It is estimated to grow at a CAGR of 21.1% from 2022 to 2030.

**Advancement in Robotics Industry Fuel South & Central America Collaborative Robots Market**

In the coming years as machine learning algorithms and other technologies such as neuromorphic chips improvise their capabilities to enable smarter robots, the collaborative robots soon would be able to perform the tasks that only humans can do now, in fact in a better way. These robots will then be able to access a plethora of database and recognize machines, people, and parts, further enabling them to derive critical insights and act upon them. This is anticipated to be a key trend for the collaborative robots over the coming years.

In addition, the players in this industry are significantly investing in the development of collaborative robots integrated with artificial intelligence and machine learning. The integration of artificial intelligence in these robots will further enhance the support to the human operators, which will be beneficial for countries with inadequate and expensive

labor force.

### South & Central America Collaborative Robots Market Overview

South American region comprises of several emerging economies, which have been experiencing tremendous growth in their manufacturing sector. The automotive sector of Brazil is witnessing the highest adoption, as the country comprises of manufacturing facilities of several automotive players such as Fiat, General Motors, Honda, Volkswagen, Renault and Peugeot among others. Further, other manufacturing industries in the country include electronics, aerospace, and food and beverages. As per government sources, Brazil is anticipated to witness a high growth in the country's automobile production capacity during the coming years. Moreover, government of other emerging economies in the region are taking several initiatives to support industrial growth. For instance, Argentina is concentrating on attracting FDIs by taking several initiatives such as easing import restrictions, signing international bilateral agreements, no restriction on foreign investment and other such initiatives. Such initiatives are expected to help in the development of businesses in the South American region.

### South & Central America Collaborative Robots Market Revenue and Forecast to 2030 (US\$ Million)

#### South & Central America Collaborative Robots Market Segmentation

The South & Central America collaborative robots market is segmented into payload, application, type, end-user industry, and country.

Based on payload, the South & Central America collaborative robots market is segmented into Up to 5 Kgs, 5-10 Kgs, and above 10 Kgs. The above 10 Kgs segment held a largest share of the South & Central America collaborative robots market in 2022. Based on application, the South & Central America collaborative robots market is segmented into assembly, material handling, pick & place, quality testing, packaging, machine tending, welding, and others. The material handling segment held the largest share of the South & Central America collaborative robots market in 2022.

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

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

Based on country, the South & Central America collaborative robots market is segmented into Brazil, Argentina, and the Rest of South & Central America. Brazil dominated the share of the South & Central America 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 South & Central America 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. SOUTH & CENTRAL AMERICA COLLABORATIVE ROBOTS MARKET LANDSCAPE**

- 4.1 Overview

### **5. SOUTH & CENTRAL AMERICA 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. SOUTH & CENTRAL AMERICA COLLABORATIVE ROBOTS MARKET - MARKET ANALYSIS**

- 6.1 South & Central America Collaborative Robots Market Volume (Units)
- 6.2 South & Central America Collaborative Robots Market Revenue (US\$ Million)
- 6.3 South & Central America Collaborative Robots Market Forecast and Analysis

## **7. SOUTH & CENTRAL AMERICA 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. SOUTH & CENTRAL AMERICA 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)
- 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. SOUTH & CENTRAL AMERICA 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. SOUTH & CENTRAL AMERICA 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. SOUTH & CENTRAL AMERICA COLLABORATIVE ROBOTS MARKET - COUNTRY ANALYSIS**

11.1 South & Central America

11.1.1 South & Central America Collaborative Robots Market Overview

11.1.2 South & Central America Collaborative Robots Market, By Key Country-  
Revenue 2022 (US\$ Million)

11.1.3 South & Central America Collaborative Robots Market Revenue and Forecasts  
and Analysis - By Countries

11.1.3.1 South & Central America Collaborative Robots Market Breakdown by  
Country

11.1.3.2 Brazil Collaborative Robots Market Volume and Forecasts to 2030 (Units)

11.1.3.3 Brazil Collaborative Robots Market Revenue and Forecasts to 2030 (US\$  
Million)

11.1.3.3.1 Brazil Collaborative Robots Market Breakdown by Payload

11.1.3.3.2 Brazil Collaborative Robots Market Breakdown by Payload

11.1.3.3.3 Brazil Collaborative Robots Market Breakdown by Application

11.1.3.3.4 Brazil Collaborative Robots Market Breakdown by Application



- 11.1.3.3.5 Brazil Collaborative Robots Market Breakdown by Type
- 11.1.3.3.6 Brazil Collaborative Robots Market Breakdown by Type
- 11.1.3.3.7 Brazil Collaborative Robots Market Breakdown by End-User Industry
- 11.1.3.3.8 Brazil Collaborative Robots Market Breakdown by End-User Industry
- 11.1.3.4 Argentina Collaborative Robots Market Volume and Forecasts to 2030 (Units)
- 11.1.3.5 Argentina Collaborative Robots Market Revenue and Forecasts to 2030 (US\$ Million)
  - 11.1.3.5.1 Argentina Collaborative Robots Market Breakdown by Payload
  - 11.1.3.5.2 Argentina Collaborative Robots Market Breakdown by Payload
  - 11.1.3.5.3 Argentina Collaborative Robots Market Breakdown by Application
  - 11.1.3.5.4 Argentina Collaborative Robots Market Breakdown by Application
  - 11.1.3.5.5 Argentina Collaborative Robots Market Breakdown by Type
  - 11.1.3.5.6 Argentina Collaborative Robots Market Breakdown by Type
  - 11.1.3.5.7 Argentina Collaborative Robots Market Breakdown by End-User Industry
  - 11.1.3.5.8 Argentina Collaborative Robots Market Breakdown by End-User Industry
- 11.1.3.6 Rest of South & Central America Collaborative Robots Market Volume and Forecasts to 2030 (Units)
- 11.1.3.7 Rest of South & Central America Collaborative Robots Market Revenue and Forecasts to 2030 (US\$ Million)
  - 11.1.3.7.1 Rest of South & Central America Collaborative Robots Market Breakdown by Payload
  - 11.1.3.7.2 Rest of South & Central America Collaborative Robots Market Breakdown by Payload
  - 11.1.3.7.3 Rest of South & Central America Collaborative Robots Market Breakdown by Application
  - 11.1.3.7.4 Rest of South & Central America Collaborative Robots Market Breakdown by Application
  - 11.1.3.7.5 Rest of South & Central America Collaborative Robots Market Breakdown by Type
  - 11.1.3.7.6 Rest of South & Central America Collaborative Robots Market Breakdown by Type
  - 11.1.3.7.7 Rest of South & Central America Collaborative Robots Market Breakdown by End-User Industry
  - 11.1.3.7.8 Rest of South & Central America 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 Fanuc Corp

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 ABB Ltd

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 Universal Robots AS

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 Kawasaki Heavy Industries Ltd

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

## **13. APPENDIX**

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