

# **Collaborative Robots - Global Market Outlook (2017-2023)**

<https://marketpublishers.com/r/C8B10E9DAFDEN.html>

Date: November 2017

Pages: 140

Price: US\$ 4,150.00 (Single User License)

ID: C8B10E9DAFDEN

## **Abstracts**

According to Statistics MRC, the Global Collaborative Robots Market is accounted for \$159.76 million in 2016 and is expected to reach \$3957.54 million by 2023 growing at a CAGR of 58.2% during the forecast period. Factors such as growing funds in automation, low cost of collaborative robots & high return on investment are fueling the market growth. In contrast, absence of repeatability and capabilities related to faster cycle time is affecting the market. High capacity for robot installations in different countries provides ample of opportunities for market growth.

Collaborative Robot is a robot specifically designed for direct interaction with human beings as a guide or assistor in a particular undertaking. Collaborative robots approach all sizes and shapes and have integrated sensors and soft and rounded surfaces for safety purposes and to decrease the risk of impact, pinching and crushing. Collaborative robots are usually simpler than more traditional robots, which make them cheaper to buy, operate and maintain. Some Collaborative robots can be instructed very easily by presentation, rather than utilizing a deep information in programming.

By Geography, Europe commanded the largest market share attributed to huge disposable income. Asia Pacific is anticipated to grow at the fastest CAGR attributed to the increasing demand for collaborative robots. There is growing demand for automotive, machining and metals in emerging countries of Asia pacific such as India and China.

Some of the key players in Collaborative Robots market include MRK-Systeme GmbH, F&P Robotics AG, Universal Robots A/S, Precise Automation, Inc, Robert Bosch GmbH, FANUC Corporation, ABB Asea Brown Boveri Ltd., Rethink Robotics, Inc., Energid Technologies Corporation, KUKA AG, Techman Robot for Quanta Storage Inc.,

Aubo Robotics Inc., KAWADA Robotics Corp., YASKAWA Electric Corporation and Comau S.P.A.

Applications Covered:

Packaging and Palletizing

Assembly

Handling

Quality Testing

Pick and Place

Gluing and Welding

Machine Tending

Other Applications

Payload Capacities Covered:

Up to 5 Kg

Between 5 and 10 Kg

Above 10 Kg

Industries Covered:

Metals and Machining

Furniture and Equipment

Automotive

Plastics and Polymer

Electronics

Food and Agriculture

Healthcare

Other Industries

#### Components Covered:

Hardware

Software

#### Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

France

Italy

UK

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

## Rest of Middle East & Africa

### What our report offers:

Market share assessments for the regional and country level segments

Market share analysis of the top industry players

Strategic recommendations for the new entrants

Market forecasts for a minimum of 7 years of all the mentioned segments, sub segments and the regional markets

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

## Contents

### **1 EXECUTIVE SUMMARY**

### **2 PREFACE**

- 2.1 Abstract
- 2.2 Stake Holders
- 2.3 Research Scope
- 2.4 Research Methodology
  - 2.4.1 Data Mining
  - 2.4.2 Data Analysis
  - 2.4.3 Data Validation
  - 2.4.4 Research Approach
- 2.5 Research Sources
  - 2.5.1 Primary Research Sources
  - 2.5.2 Secondary Research Sources
  - 2.5.3 Assumptions

### **3 MARKET TREND ANALYSIS**

- 3.1 Introduction
- 3.2 Drivers
- 3.3 Restraints
- 3.4 Opportunities
- 3.5 Threats
- 3.6 Application Analysis
- 3.7 End User Analysis
- 3.9 Emerging Markets
- 3.10 Futuristic Market Scenario

### **4 PORTERS FIVE FORCE ANALYSIS**

- 4.1 Bargaining power of suppliers
- 4.2 Bargaining power of buyers
- 4.3 Threat of substitutes
- 4.4 Threat of new entrants
- 4.5 Competitive rivalry

## **5 GLOBAL COLLABORATIVE ROBOTS MARKET, BY APPLICATION**

- 5.1 Introduction
- 5.2 Packaging and Palletizing
- 5.3 Assembly
- 5.4 Handling
- 5.5 Quality Testing
- 5.6 Pick and Place
- 5.7 Gluing and Welding
- 5.8 Machine Tending
- 5.9 Other Applications

## **6 GLOBAL COLLABORATIVE ROBOTS MARKET, BY PAYLOAD CAPACITY**

- 6.1 Introduction
- 6.2 Up to 5 Kg
- 6.3 Between 5 and 10 Kg
- 6.4 Above 10 Kg

## **7 GLOBAL COLLABORATIVE ROBOTS MARKET, BY INDUSTRY**

- 7.1 Introduction
- 7.2 Metals and Machining
- 7.3 Furniture and Equipment
- 7.4 Automotive
- 7.5 Plastics and Polymer
- 7.6 Electronics
- 7.7 Food and Agriculture
- 7.8 Healthcare
- 7.9 Other Industries

## **8 GLOBAL COLLABORATIVE ROBOTS MARKET, BY COMPONENT**

- 8.1 Introduction
- 8.2 Hardware
  - 8.2.1 Drive
  - 8.2.2 Sensor
  - 8.2.3 Controller
  - 8.2.4 End Effector

- 8.2.5 Other Hardware
- 8.3 Software

## **9 GLOBAL COLLABORATIVE ROBOTS MARKET, BY GEOGRAPHY**

- 9.1 Introduction
- 9.2 North America
  - 9.2.1 US
  - 9.2.2 Canada
  - 9.2.3 Mexico
- 9.3 Europe
  - 9.3.1 Germany
  - 9.3.2 UK
  - 9.3.3 Italy
  - 9.3.4 France
  - 9.3.5 Spain
  - 9.3.6 Rest of Europe
- 9.4 Asia Pacific
  - 9.4.1 Japan
  - 9.4.2 China
  - 9.4.3 India
  - 9.4.4 Australia
  - 9.4.5 New Zealand
  - 9.4.6 South Korea
  - 9.4.7 Rest of Asia Pacific
- 9.5 South America
  - 9.5.1 Argentina
  - 9.5.2 Brazil
  - 9.5.3 Chile
  - 9.5.4 Rest of South America
- 9.6 Middle East & Africa
  - 9.6.1 Saudi Arabia
  - 9.6.2 UAE
  - 9.6.3 Qatar
  - 9.6.4 South Africa
  - 9.6.5 Rest of Middle East & Africa

## **10 KEY DEVELOPMENTS**



10.1 Agreements, Partnerships, Collaborations and Joint Ventures

10.2 Acquisitions & Mergers

10.3 New Product Launch

10.4 Expansions

10.5 Other Key Strategies

## **11 COMPANY PROFILING**

11.1 MRK-Systeme GmbH

11.2 F&P Robotics AG

11.3 Universal Robots A/S

11.4 Precise Automation, Inc

11.5 Robert Bosch GmbH

11.6 FANUC Corporation

11.7 ABB Asea Brown Boveri Ltd.

11.8 Rethink Robotics, Inc.

11.9 Energid Technologies Corporation

11.10 KUKA AG

11.11 Techman Robot for Quanta Storage Inc.

11.12 Aubo Robotics Inc.

11.13 KAWADA Robotics Corp.

11.14 YASKAWA Electric Corporation

11.15 Comau S.P.A

## List Of Tables

### LIST OF TABLES

Table 1 Global Collaborative Robots Market Outlook, By Region (2014-2023) (\$MN)

Table 2 Global Collaborative Robots Market Outlook, By Application (2014-2023) (\$MN)

Table 3 Global Collaborative Robots Market Outlook, By Packaging and Palletizing (2014-2023) (\$MN)

Table 4 Global Collaborative Robots Market Outlook, By Assembly (2014-2023) (\$MN)

Table 5 Global Collaborative Robots Market Outlook, By Handling (2014-2023) (\$MN)

Table 6 Global Collaborative Robots Market Outlook, By Quality Testing (2014-2023) (\$MN)

Table 7 Global Collaborative Robots Market Outlook, By Pick and Place (2014-2023) (\$MN)

Table 8 Global Collaborative Robots Market Outlook, By Gluing and Welding (2014-2023) (\$MN)

Table 9 Global Collaborative Robots Market Outlook, By Machine Tending (2014-2023) (\$MN)

Table 10 Global Collaborative Robots Market Outlook, By Other Applications (2014-2023) (\$MN)

Table 11 Global Collaborative Robots Market Outlook, By Payload Capacity (2014-2023) (\$MN)

Table 12 Global Collaborative Robots Market Outlook, By Up to 5 Kg (2014-2023) (\$MN)

Table 13 Global Collaborative Robots Market Outlook, By Between 5 and 10 Kg (2014-2023) (\$MN)

Table 14 Global Collaborative Robots Market Outlook, By Above 10 Kg (2014-2023) (\$MN)

Table 15 Global Collaborative Robots Market Outlook, By Industry (2014-2023) (\$MN)

Table 16 Global Collaborative Robots Market Outlook, By Metals and Machining (2014-2023) (\$MN)

Table 17 Global Collaborative Robots Market Outlook, By Furniture and Equipment (2014-2023) (\$MN)

Table 18 Global Collaborative Robots Market Outlook, By Automotive (2014-2023) (\$MN)

Table 19 Global Collaborative Robots Market Outlook, By Plastics and Polymer (2014-2023) (\$MN)

Table 20 Global Collaborative Robots Market Outlook, By Electronics (2014-2023) (\$MN)

Table 21 Global Collaborative Robots Market Outlook, By Food and Agriculture (2014-2023) (\$MN)

Table 22 Global Collaborative Robots Market Outlook, By Healthcare (2014-2023) (\$MN)

Table 23 Global Collaborative Robots Market Outlook, By Other Industries (2014-2023) (\$MN)

Table 24 Global Collaborative Robots Market Outlook, By Component (2014-2023) (\$MN)

Table 25 Global Collaborative Robots Market Outlook, By Hardware (2014-2023) (\$MN)

Table 26 Global Collaborative Robots Market Outlook, By Drive (2014-2023) (\$MN)

Table 27 Global Collaborative Robots Market Outlook, By Sensor (2014-2023) (\$MN)

Table 28 Global Collaborative Robots Market Outlook, By Controller (2014-2023) (\$MN)

Table 29 Global Collaborative Robots Market Outlook, By End Effector (2014-2023) (\$MN)

Table 30 Global Collaborative Robots Market Outlook, By Other Hardwares (2014-2023) (\$MN)

Table 31 Global Collaborative Robots Market Outlook, By Software (2014-2023) (\$MN)

**Note:** Tables for North America, Europe, APAC, South America, and Middle East & Africa Regions are also represented in the same manner as above

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