

# Global Robotics Market, Volume & Forecast

<https://marketpublishers.com/r/GAE7477AA70EN.html>

Date: October 2016

Pages: 142

Price: US\$ 1,990.00 (Single User License)

ID: GAE7477AA70EN

## Abstracts

Global Robotics Market will be around US\$ 45 Billion by the end of 2020. This shows that global demand of robots has accelerated extensively due to the ongoing trend toward automation and the continued innovative technical advancements in industrial robotics as well as service robotics. Industrial Robotics dominates the Global Robotics Market it comprises more than 80 percent market share and rest is left with Service Robotics.

Global Robotics Volume accounted for close to 300,000 Units in 2015. In Industrial Robotics Automotive Robotics is expected to capture more than half of the volume share by the end of 2020. Medical Robotics and Defence Robotics are the top two segments in Service Robotics sector. Intuitive Surgical is the largest player in global robotics market and its brand “da vinci” is well known recognized worldwide.

Renub Research report titled “Global Robotics Market, Volume & Forecast provides a comprehensive assessment of the fast–evolving, Industrial Robotic Market and Service Robotics Market. This 142 page report with 101 Figures and 9 Tables analyses the global robotics market; volume & forecast, global industrial robotics market; volume & forecast by industry segment, global service robotics market; volume & forecast by categorised segment, driving factors and challenges for Robotics market.

Global Robotics Market is categorized into two parts

- A. Industrial Robotics Market
- B. Service Robotics Market

A. Industrial Robotics Market has been analyzed from two view points

Industrial Robotic Market (2010 – 2020)

## Industrial Robotic Volume (2010 – 2020)

### Industry Robotics Segments Covered

1. Automotive Industry
2. Electrical & Electronics Industry
3. Metal Industry
4. Chemical, Rubber and Plastics Industry
5. Food Industry
6. Others
7. Unspecified

B. Global Service Robotics Market has been analyzed from two view points

### Service Robotic Market (2010 – 2020)

### Service Robotic Volume (2010 – 2020)

### Service Robotics Segments Covered

1. Defense
2. Agriculture (Field)
3. Logistic
4. Medical
5. Construction
6. Mobile Platform
7. Inspection
8. Underwater
9. Rescue and Security
10. All others

### Key Company Analysed

1. Yaskawa Electric Corporation (SWOT Analysis, Sales Analysis)
2. KUKA AG (SWOT Analysis, Sales Analysis)
3. Adept Technology (SWOT Analysis, Sales Analysis)

4. Nachi– Fujikoshi (SWOT Analysis, Sales Analysis)
5. iRobot (SWOT Analysis, Sales Analysis)
6. Intuitive Surgical (SWOT Analysis, Sales Analysis)

## **Data Sources**

This report is built using data and information sourced from proprietary databases, primary and secondary research and in–house analysis by Renub Research team of industry experts.

Primary sources include industry surveys and telephone interviews with industry experts.

Secondary sources information and data has been collected from various printable and non–printable sources like search engines, News websites, Government Websites, Trade Journals, White papers, Government Agencies, Magazines, Newspapers, Trade associations, Books, Industry Portals, Industry Associations and access to more than 500 paid databases.

## Contents

### **1. EXECUTIVE SUMMARY**

### **2. GLOBAL ROBOTICS MARKET ANALYSIS**

2.1 Industrial Robotics Market & Forecast

2.2 Service Robotics Market & Forecast

### **3. GLOBAL ROBOTICS VOLUME ANALYSIS**

3.1 Industrial Robotics Volume & Forecast

3.2 Service Robotics Volume & Forecast

### **4. GLOBAL ROBOTICS SHARE ANALYSIS**

4.1 Global Robotics Market Share & Forecast

4.2 Global Robotics Volume Share & Forecast

4.3 Industrial Robotics Market Share & Forecast

4.4 Industrial Robotics Volume Share & Forecast

4.5 Service Robotics Market Share & Forecast

4.6 Service Robotics Volume Share & Forecast

4.7 Robotics Company Market Share & Forecast

### **5. INDUSTRIAL ROBOTICS MARKET – SEGMENTS ANALYSIS GLOBALLY (2010 – 2020)**

5.1 Automotive Industry (2010 – 2020)

5.2 Electrical & Electronics Industry (2010 – 2020)

5.3 Metal Industry (2010 – 2020)

5.4 Chemical, Rubber and Plastics Industry (2010 – 2020)

5.5 Food Industry (2010 – 2020)

5.6 Others (2010 – 2020)

5.7 Unspecified (2010 – 2020)

### **6. INDUSTRIAL ROBOTICS VOLUME – SEGMENTS ANALYSIS GLOBALLY (2010–2020)**

6.1 Automotive Industry & Forecast

- 6.2 Electrical & Electronics Industry & Forecast
- 6.3 Metal Industry & Forecast
- 6.4 Chemical, Rubber and Plastics Industry & Forecast
- 6.5 Food Industry & Forecast
- 6.6 Others & Forecast
- 6.7 Unspecified & Forecast

## **7. SERVICE ROBOTICS MARKET – SEGMENT ANALYSIS GLOBALLY (2010 – 2020)**

- 7.1 Defence Robotics Market (2010 – 2020)
- 7.2 Agriculture & Field Robotics Market (2010 – 2020)
- 7.3 Logistic Robotics Market (2010 – 2020)
- 7.4 Medical Robotics Market (2010 – 2020)
- 7.5 Construction Robotics Market (2010 – 2020)
- 7.6 Mobile Platform Robotics Market (2010 – 2020)
- 7.7 Inspection Robotics Market (2010 – 2020)
- 7.8 Underwater Robotics Market (2010 – 2020)
- 7.9 Rescue and Security Robotics Market (2010 – 2020)
- 7.10 All Others Robotics Market (2010 – 2020)

## **8. SERVICE ROBOTICS VOLUME – SEGMENT ANALYSIS GLOBALLY (2010 – 2020)**

- 8.1 Defence & Forecast
- 8.2 Agriculture & Field & Forecast
- 8.3 Logistic & Forecast
- 8.4 Medical & Forecast
- 8.5 Construction & Forecast
- 8.6 Mobile Platform & Forecast
- 8.7 Inspection & Forecast
- 8.8 Underwater & Forecast
- 8.9 Rescue and Security & Forecast
- 8.10 All Others & Forecast

## **9. FACTORS DRIVING ROBOTICS GROWTH WORLDWIDE**

- 9.1 Growing Research & Development Expenditure
- 9.2 Global Adoption of Collaborative Robots are Increasing

9.3 Government Drive the Robot Revolution

9.4 Improved Service, Increased Operational Efficiency and Safety

## **10. MAJOR CHALLENGES FOR GLOBAL ROBOTICS MARKET**

10.1 International Lobbies Negative Perceptions on Adoption of Robotics

10.2 Global Robotics Industry is dominated by Large Players

10.3 The High Cost of Robots

## **11. GLOBAL KEY PLAYER ANALYSIS (2010 – 2020)**

11.1 Yaskawa Electric Corporation

11.1.1 SWOT Analysis

11.1.2 Sales Analysis

11.2 KUKA AG

11.2.1 SWOT Analysis

11.2.2 Sales Analysis

11.3 Adept Technology

11.3.1 SWOT Analysis

11.3.2 Sales Analysis

11.4 Nachi–Fujikoshi

11.4.1 SWOT Analysis

11.4.2 Sales Analysis

11.5 iRobot

11.5.1 SWOT Analysis

11.5.2 Sales Analysis

11.6 Intuitive Surgical

11.6.1 SWOT Analysis

11.6.2 Sales Analysis

## List Of Figures

### LIST OF FIGURES:

- Figure 2–1: Global – Robotics Market (Million US\$), 2010–2015
- Figure 2–2: Global – Forecast for Robotics Market (Million US\$), 2016–2020
- Figure 2–3: Global Industrial Robotics Market (Million US\$), 2010–2015
- Figure 2–4: Global – Forecast for Industrial Robotics Market (Million US\$), 2016–2020
- Figure 2–5: Global – Service Robotics Market (Million US\$), 2010–2015
- Figure 2–6: Global – Forecast for Service Robotics Market (Million US\$), 2016–2020
- Figure 3–1: Global – Robotics Volume (Number), 2010–2015
- Figure 3–2: Global – Forecast for Robotics Volume (Number), 2016–2020
- Figure 3–3: Global – Industrial Robotics Volume (Number), 2010–2015
- Figure 3–4: Global – Forecast for Industrial Robotics Volume (Number), 2016–2020
- Figure 3–5: Global – Service Robotics Volume (Number), 2010–2015
- Figure 3–6: Global – Forecast for Service Robotics Volume (Number), 2016–2020
- Figure 4–1: Global – Robotics Market Share (Percent), 2010–2015
- Figure 4–2: Global – Forecast for Robotics Market Share (Percent), 2016–2020
- Figure 4–3: Global – Robotics Volume Share (Percent), 2010–2015
- Figure 4–4: Global – Forecast for Robotics Volume Share (Percent), 2016–2020
- Figure 4–5: Global – Industrial Robotics Market Share (Percent) by Segment, 2010–2015
- Figure 4–6: Global – Forecast for Industrial Robotics Market Share (Percent) by Segment, 2016–2020
- Figure 4–7: Global –Industrial Robotics Volume Share (Percent) by Segment, 2010–2015
- Figure 4–8: Global – Forecast for Industrial Robotics Volume Share (Percent) by Segment, 2016–2020
- Figure 5–1: Global – Industrial Robotics Market by Automotive Industry (Million US\$), 2010–2015
- Figure 5–2: Global – Forecast for Industrial Robotics Market by Automotive Industry (Million US\$), 2016–2020
- Figure 5–3: Global – Industrial Robotics Market by Electrical & Electronics Industry (Million US\$), 2010–2015
- Figure 5–4: Global – Forecast for Industrial Robotics Market by Electrical & Electronics Industry (Million US\$), 2016–2020
- Figure 5–5: Global – Industrial Robotics Market by Metal Industry (Million US\$), 2010–2015
- Figure 5–6: Global – Forecast for Industrial Robotics Market by Metal Industry (Million

US\$), 2016–2020

Figure 5–7: Global – Industrial Robotics Market by Chemical, Rubber and Plastics Industry (Million US\$), 2010–2015

Figure 5–8: Global – Forecast for Industrial Robotics Market by Chemical, Rubber and Plastics Industry (Million US\$), 2016–2020

Figure 5–9: Global – Industrial Robotics Market by Food Industry (Million US\$), 2010–2015

Figure 5–10: Global – Forecast for Industrial Robotics Market by Food Industry (Million US\$), 2016–2020

Figure 5–11: Global – Industrial Robotics Market by Others (Million US\$), 2010–2015

Figure 5–12: Global – Forecast for Industrial Robotics Market by Others (Million US\$), 2016–2020

Figure 5–13: Global – Industrial Robotics Market by Unspecified (Million US\$), 2010–2015

Figure 5–14: Global – Forecast for Industrial Robotics Market by Unspecified (Million US\$), 2016–2020

Figure 6–1: Global – Industrial Robotics Volume by Automotive Industry (Number), 2010–2015

Figure 6–2: Global – Forecast for Industrial Robotics Volume by Automotive Industry (Number), 2016–2020

Figure 6–3: Global – Industrial Robotics Volume by Electrical & Electronics Industry (Number), 2010–2015

Figure 6–4: Global – Forecast for Industrial Robotics Volume by Electrical & Electronics Industry (Number), 2016–2020

Figure 6–5: Global – Industrial Robotics Volume by Metal Industry (Number), 2010–2015

Figure 6–6: Global – Forecast for Industrial Robotics Volume by Metal Industry (Number), 2016–2020

Figure 6–7: Global – Industrial Robotics Volume by Chemical, Rubber and Plastics Industry (Number), 2010–2015

Figure 6–8: Global – Forecast for Industrial Robotics Volume by Chemical, Rubber and Plastics Industry (Number), 2016–2020

Figure 6–9: Global – Industrial Robotics Volume by Food Industry (Number), 2010–2015

Figure 6–10: Global – Forecast for Industrial Robotics Volume by Food Industry (Number), 2016–2020

Figure 6–11: Global – Industrial Robotics Volume by Others (Number), 2010–2015

Figure 6–12: Global – Forecast for Industrial Robotics Volume by Others (Number), 2016–2020

Figure 6–13: Global – Industrial Robotics Volume by Unspecified (Number), 2010–2015



Figure 6–14: Global – Forecast for Industrial Robotics Volume by Unspecified (Number), 2016–2020

Figure 7–1: Global – Service Robotics Market by Defence (Million US\$), 2010–2015

Figure 7–2: Global – Forecast for Service Robotics Market by Defence (Million US\$), 2016–2020

Figure 7–3: Global – Service Robotics Market by Agriculture & Field (Million US\$), 2010–2015

Figure 7–4: Global – Forecast for Service Robotics Market by Agriculture & Field (Million US\$), 2016–2020

Figure 7–5: Global – Service Robotics Market by Logistic (Million US\$), 2010–2015

Figure 7–6: Global – Forecast for Service Robotics Market by Logistic (Million US\$), 2016–2020

Figure 7–7: Global – Service Robotics Market by Medical (Million US\$), 2010–2015

Figure 7–8: Global – Forecast for Service Robotics Market by Medical (Million US\$), 2016–2020

Figure 7–9: Global – Service Robotics Market by Construction (Million US\$), 2010–2015

Figure 7–10: Global – Forecast for Service Robotics Market by Construction (Million US\$), 2016–2020

Figure 7–11: Global – Service Robotics Market by Mobile Platform (Million US\$), 2010–2015

Figure 7–12: Global – Forecast for Service Robotics Market by Mobile Platform (Million US\$), 2016–2020

Figure 7–13: Global – Service Robotics Market by Inspection (Million US\$), 2010–2015

Figure 7–14: Global – Forecast for Service Robotics Market by Inspection (Million US\$), 2016–2020

Figure 7–15: Global – Service Robotics Market by Underwater (Million US\$), 2010–2015

Figure 7–16: Global – Forecast for Service Robotics Market by Underwater (Million US\$), 2016–2020

Figure 7–17: Global – Service Robotics Market by Rescue and Security (Million US\$), 2010–2015

Figure 7–18: Global – Forecast for Service Robotics Market by Rescue and Security (Million US\$), 2016–2020

Figure 7–19: Global – Service Robotics Market by All Others (Million US\$), 2010–2015

Figure 7–20: Global – Forecast for Service Robotics Market by All Others (Million US\$), 2016–2020

Figure 8–1: Global – Service Robotics Volume by Defence (Number), 2010–2015

Figure 8–2: Global – Forecast for Service Robotics Market by All Others (Number), 2016–2020

Figure 8–3: Global – Service Robotics Volume by Agriculture & Field (Number),

2010–2015

Figure 8–4: Global – Forecast for Service Robotics Volume by Agriculture & Field (Number), 2016–2020

Figure 8–5: Global – Service Robotics Volume by Logistic (Number), 2010–2015

Figure 8–6: Global – Forecast for Service Robotics Volume by Logistic (Number), 2016–2020

Figure 8–7: Global – Service Robotics Volume by Medical (Number), 2010–2015

Figure 8–8: Global – Forecast for Service Robotics Volume by Medical (Number), 2016–2020

Figure 8–9: Global – Service Robotics Volume by Construction (Number), 2010–2015

Figure 8–10: Global – Forecast for Service Robotics Volume by Construction (Number), 2016–2020

Figure 8–11: Global – Service Robotics Volume by Mobile Platform (Number), 2010–2015

Figure 8–12: Global – Forecast for Service Robotics Volume by Mobile Platform (Number), 2016–2020

Figure 8–13: Global – Service Robotics Volume by Inspection (Number), 2010–2015

Figure 8–14: Global – Forecast for Service Robotics Volume by Inspection (Number), 2016–2020

Figure 8–15: Global – Service Robotics Volume by Underwater (Number), 2010–2015

Figure 8–16: Global – Forecast for Service Robotics Volume by Underwater (Number), 2016–2020

Figure 8–17: Global – Service Robotics Volume by Rescue and Security (Number), 2010–2015

Figure 8–18: Global – Forecast for Service Robotics Volume by Rescue and Security (Number), 2016–2020

Figure 8–19: Global – Service Robotics Volume by All Others (Number), 2010–2015

Figure 8–20: Global – Forecast for Service Robotics Volume by All Others (Number), 2016–2020

Figure 9–1: Major Company – Research & Development Expenditure (Million US\$), 2011, 2013 & 2015

Figure 11–1: Yaskawa Electric Corporation – Global Robotics Sales (Million US\$), 2010–2015

Figure 11–2: Yaskawa Electric Corporation – Forecast for Global Robotics Sales (Million US\$), 2016–2020

Figure 11–3: KUKA AG – Global Robotics Sales (Million US\$), 2010–2015

Figure 11–4: KUKA AG – Forecast for Global Robotics Sales (Million US\$), 2016–2020

Figure 11–5: Adept Technology – Global Robotics Sales (Million US\$), 2010–2015

Figure 11–6: Adept Technology – Forecast for Global Robotics Sales (Million US\$),

2016–2020

Figure 11–7: Nachi–Fujikoshi – Global Robotics Sales (Million US\$), 2010–2015

Figure 11–8: Nachi–Fujikoshi – Forecast for Global Robotics Sales (Million US\$),  
2016–2020

Figure 11–9: iRobot – Global Robotics Sales (Million US\$), 2010–2015

Figure 11–10: iRobot – Forecast for Global Robotics Sales (Million US\$), 2016–2020

Figure 11–11: Intuitive Surgical – Global Robotics Sales (Million US\$), 2010–2015

Figure 11–12: Intuitive Surgical – Forecast for Global Robotics Sales (Million US\$),  
2016–2020

## List Of Tables

### LIST OF TABLES:

- Table 4–1: Global – Service Robotics Market Share (Percent) by Segment, 2010–2015
- Table 4–2: Global – Forecast for Service Robotics Market Share (Percent) by Segment, 2016–2020
- Table 4–3: Global – Service Robotics Volume Share (Percent) by Segment, 2010–2015
- Table 4–4: Global – Forecast for Service Robotics Volume Share (Percent) by Segment, 2016–2020
- Table 4–5: Global – Robotics Market Share (Percent) by Company, 2010–2015
- Table 4–6: Global – Forecast for Robotics Market Share (Percent) by Company, 2016–2020
- Table 9–1: Global Collaborative–Robot Sales & Forecast Sales (unit) along with ASP and Market Size, 2015–2022
- Table 10–1: Global – Service Robotics Market Capitalization (Billion US\$), 2016
- Table 10–2: Global – Service Robotics Average Price (US\$), 2016

## I would like to order

Product name: Global Robotics Market, Volume & Forecast

Product link: <https://marketpublishers.com/r/GAE7477AA70EN.html>

Price: US\$ 1,990.00 (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/GAE7477AA70EN.html>