

Global Robotics Technology Market Size study, By Type (Industrial Robots, Service Robots, Mobile Robots and Others), By Components (Hardware, Software, and Services), and Application (Healthcare, Defense and Security, Aerospace, Automotive, Domestic and Electronics), and Regional Forecasts 2020-2027

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Abstracts

Global Robotics Technology Market is valued approximately at USD 63 billion in 2019 and is anticipated to grow with a healthy growth rate of more than 15.8% over the forecast period 2020-2027. Robotics technology is used by different companies to develop machines that can replace humans and simulate human labor. Numerous advantages of robotics technology include safety at work, raising the speed of work and increasing the efficiency of the enterprise. In addition, numerous industries are implementing robotics technology to improve their productivity and profit margins, as robots can perform tasks more quickly. In addition, growing the need for automation and safety in the enterprise and availability of affordable, energy-efficient robots is driving the growth of the industry. Moreover, growing labor and energy costs and increasing the use of robotics technology in different vertical industries are fueling the growth of the industry. However, the high initial costs of robots and the lack of knowledge among SMEs hinder the growth of the industry. The automotive industry, which is the most important application field for industrial robots, has greatly increased investment in industrial robots worldwide. In April 2020, BMW AG signed an agreement with KUKA to supply about 5,000 robots for new production lines and factories around the world. According to KUKA, industrial robots will be used worldwide at the foreign manufacturing sites of the BMW Group to produce current and future vehicle models. Various robot models are intended to be used mainly for body-in-white production and

other technologies. The scope of the agreement also includes other creative items from the KUKA portfolio, such as its linear units used to improve the robot's workspace and energy supply technology. Technological advances in perception, interaction and manipulation have made robotics more attractive. Software and other suppliers of components have been instrumental in pushing the robotic ecosystem forward. In December 2019, Soft Robotics announced a strategic alliance with Fanuc, which invested USD 23 million in Soft Robotics as a startup in the oversubscribed funding round. The transformative mGrip modular grip system and automation solutions of Soft Robotics have allowed the efficient implementation of robotic applications in highly variable and unstructured consumer goods manufacturing, food processing and packaging and e-commerce supply chain automation environments.

The regional analysis of global Robotics Technology Market is considered for the key regions such as Asia Pacific, North America, Europe, Latin America, and Rest of the World. Due to the significant adoption of industrial robotics in the region, Asia-Pacific is projected to have the highest growth rate in the forecast period. China is dominating the regional pace of robotics adoption as a result of rapid deployment in the country's leading electronics and automotive manufacturing sectors. As these sectors are growing at a fast pace in other economies in the region, such as India, there is a great potential for business growth.

Major market player included in this report are:

ABB Ltd

Yaskawa Electric Corporation

Denso Corporation

Fanuc Corporation

Kuka AG

Kawasaki Heavy Industries Ltd

Toshiba Corporation

Panasonic Corporation

Staubli International AG

Nachi Robotic Systems Inc.

Yamaha Motor Co. Ltd

Seiko Epson Corporation

Comau SpA

Adept Technologies Inc.

Intuitive Surgical Inc.

Stryker Corporation

Maxar Technologies Ltd (Mda Corporation)

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is

designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Type:

Industrial Robots

Service Robots

Mobile Robots

Others

By Component:

Hardware

Software

Services

By Application:

Healthcare

Defense and Security

Aerospace

Automotive

Electronics

Domestic

Others

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan
Australia
South Korea
RoAPAC
Latin America
Brazil
Mexico
Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2017, 2018
Base year – 2019
Forecast period – 2020 to 2027

Target Audience of the Global Robotics Technology Market in Market Study:

Key Consulting Companies & Advisors
Large, medium-sized, and small enterprises
Venture capitalists
Value-Added Resellers (VARs)
Third-party knowledge providers
Investment bankers
Investors

Contents

CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2018-2027 (USD Billion)
 - 1.2.1. Robotics Technology Market, by Region, 2018-2027 (USD Billion)
 - 1.2.2. Robotics Technology Market, by Type, 2018-2027 (USD Billion)
 - 1.2.3. Robotics Technology Market, by Components, 2018-2027 (USD Billion)
 - 1.2.4. Robotics Technology Market, by Application, 2018-2027 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL ROBOTICS TECHNOLOGY MARKET DEFINITION & SCOPE

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
 - 2.2.1. Scope of the Study
 - 2.2.2. Industry Evolution
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

CHAPTER 3. GLOBAL ROBOTICS TECHNOLOGY MARKET DYNAMICS

- 3.1. Robotics Technology Market Impact Analysis (2018-2027)
 - 3.1.1. Market Drivers
 - 3.1.2. Market Challenges
 - 3.1.3. Market Opportunities

CHAPTER 4. GLOBAL ROBOTICS TECHNOLOGY MARKET: INDUSTRY ANALYSIS

- 4.1. Porter's 5 Force Model
 - 4.1.1. Bargaining Power of Suppliers
 - 4.1.2. Bargaining Power of Buyers
 - 4.1.3. Threat of New Entrants
 - 4.1.4. Threat of Substitutes
 - 4.1.5. Competitive Rivalry
 - 4.1.6. Futuristic Approach to Porter's 5 Force Model (2017-2027)

- 4.2. PEST Analysis
 - 4.2.1. Political
 - 4.2.2. Economical
 - 4.2.3. Social
 - 4.2.4. Technological
- 4.3. Investment Adoption Model
- 4.4. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL ROBOTICS TECHNOLOGY MARKET, BY TYPE

- 5.1. Market Snapshot
- 5.2. Global Robotics Technology Market by Type, Performance - Potential Analysis
- 5.3. Global Robotics Technology Market Estimates & Forecasts by Type, 2017-2027 (USD Billion)
- 5.4. Robotics Technology Market, Sub Segment Analysis
 - 5.4.1. Industrial Robots
 - 5.4.2. Service Robots
 - 5.4.3. Mobile Robots
 - 5.4.4. Others

CHAPTER 6. GLOBAL ROBOTICS TECHNOLOGY MARKET, BY COMPONENTS

- 6.1. Market Snapshot
- 6.2. Global Robotics Technology Market by Components, Performance - Potential Analysis
- 6.3. Global Robotics Technology Market Estimates & Forecasts by Components, 2017-2027 (USD Billion)
 - 6.3.1. Hardware
 - 6.3.2. Software
 - 6.3.3. Services

CHAPTER 7. GLOBAL ROBOTICS TECHNOLOGY MARKET, BY APPLICATION

- 7.1. Market Snapshot
- 7.2. Global Robotics Technology Market by Application, Performance - Potential Analysis
- 7.3. Global Robotics Technology Market Estimates & Forecasts by Application, 2017-2027 (USD Billion)
 - 7.3.1. Healthcare

- 7.3.2. Defense and Security
- 7.3.3. Aerospace
- 7.3.4. Automotive
- 7.3.5. Electronics
- 7.3.6. Domestic
- 7.3.7. Others
- 7.3.8. Others (Government, Marketing Agency, and Finance)

CHAPTER 8. GLOBAL ROBOTICS TECHNOLOGY MARKET, REGIONAL ANALYSIS

- 8.1. Robotics Technology Market, Regional Market Snapshot
- 8.2. North America Robotics Technology Market
 - 8.2.1. U.S. Robotics Technology Market
 - 8.2.1.1. Type breakdown estimates & forecasts, 2017-2027
 - 8.2.1.2. Components breakdown estimates & forecasts, 2017-2027
 - 8.2.1.3. Application breakdown estimates & forecasts, 2017-2027
 - 8.2.2. Canada Robotics Technology Market
- 8.3. Europe Robotics Technology Market Snapshot
 - 8.3.1. U.K. Robotics Technology Market
 - 8.3.2. Germany Robotics Technology Market
 - 8.3.3. France Robotics Technology Market
 - 8.3.4. Spain Robotics Technology Market
 - 8.3.5. Italy Robotics Technology Market
 - 8.3.6. Rest of Europe Robotics Technology Market
- 8.4. Asia-Pacific Robotics Technology Market Snapshot
 - 8.4.1. China Robotics Technology Market
 - 8.4.2. India Robotics Technology Market
 - 8.4.3. Japan Robotics Technology Market
 - 8.4.4. Australia Robotics Technology Market
 - 8.4.5. South Korea Robotics Technology Market
 - 8.4.6. Rest of Asia Pacific Robotics Technology Market
- 8.5. Latin America Robotics Technology Market Snapshot
 - 8.5.1. Brazil Robotics Technology Market
 - 8.5.2. Mexico Robotics Technology Market
- 8.6. Rest of The World Robotics Technology Market

CHAPTER 9. COMPETITIVE INTELLIGENCE

9.1. Top Market Strategies

9.2. Company Profiles

9.2.1. ABB Ltd

9.2.1.1. Key Information

9.2.1.2. Overview

9.2.1.3. Financial (Subject to Data Availability)

9.2.1.4. Industry Summary

9.2.1.5. Recent Developments

9.2.2. Yaskawa Electric Corporation

9.2.3. Denso Corporation

9.2.4. Fanuc Corporation

9.2.5. Kuka AG

9.2.6. Kawasaki Heavy Industries Ltd

9.2.7. Toshiba Corporation

9.2.8. Panasonic Corporation

9.2.9. Staubli International AG

9.2.10. Nachi Robotic Systems Inc.

9.2.11. Yamaha Motor Co. Ltd

9.2.12. Seiko Epson Corporation

9.2.13. Comau SpA

9.2.14. Adept Technologies Inc.

9.2.15. Intuitive Surgical Inc.

9.2.16. Stryker Corporation

9.2.17. Maxar Technologies Ltd (Mda Corporation)

CHAPTER 10. RESEARCH PROCESS

10.1. Research Process

10.1.1. Data Mining

10.1.2. Analysis

10.1.3. Market Estimation

10.1.4. Validation

10.1.5. Publishing

10.2. Research Attributes

10.3. Research Assumption

List Of Tables

LIST OF TABLES

TABLE 1. GLOBAL ROBOTICS TECHNOLOGY MARKET, REPORT SCOPE

TABLE 2. GLOBAL ROBOTICS TECHNOLOGY MARKET ESTIMATES & FORECASTS BY REGION 2017-2027 (USD BILLION)

TABLE 3. GLOBAL ROBOTICS TECHNOLOGY MARKET ESTIMATES & FORECASTS BY TYPE 2017-2027 (USD BILLION)

TABLE 4. GLOBAL ROBOTICS TECHNOLOGY MARKET ESTIMATES & FORECASTS BY COMPONENTS 2017-2027 (USD BILLION)

TABLE 5. GLOBAL ROBOTICS TECHNOLOGY MARKET ESTIMATES & FORECASTS BY APPLICATION 2017-2027 (USD BILLION)

TABLE 6. GLOBAL ROBOTICS TECHNOLOGY MARKET BY SEGMENT, ESTIMATES & FORECASTS, 2017-2027 (USD BILLION)

TABLE 7. GLOBAL ROBOTICS TECHNOLOGY MARKET BY REGION, ESTIMATES & FORECASTS, 2017-2027 (USD BILLION)

TABLE 8. GLOBAL ROBOTICS TECHNOLOGY MARKET BY SEGMENT, ESTIMATES & FORECASTS, 2017-2027 (USD BILLION)

TABLE 9. GLOBAL ROBOTICS TECHNOLOGY MARKET BY REGION, ESTIMATES & FORECASTS, 2017-2027 (USD BILLION)

TABLE 10. GLOBAL ROBOTICS TECHNOLOGY MARKET BY SEGMENT, ESTIMATES & FORECASTS, 2017-2027 (USD BILLION)

TABLE 11. GLOBAL ROBOTICS TECHNOLOGY MARKET BY REGION, ESTIMATES & FORECASTS, 2017-2027 (USD BILLION)

TABLE 12. GLOBAL ROBOTICS TECHNOLOGY MARKET BY SEGMENT, ESTIMATES & FORECASTS, 2017-2027 (USD BILLION)

TABLE 13. GLOBAL ROBOTICS TECHNOLOGY MARKET BY REGION, ESTIMATES & FORECASTS, 2017-2027 (USD BILLION)

TABLE 14. GLOBAL ROBOTICS TECHNOLOGY MARKET BY SEGMENT, ESTIMATES & FORECASTS, 2017-2027 (USD BILLION)

TABLE 15. GLOBAL ROBOTICS TECHNOLOGY MARKET BY REGION, ESTIMATES & FORECASTS, 2017-2027 (USD BILLION)

TABLE 16. U.S. ROBOTICS TECHNOLOGY MARKET ESTIMATES & FORECASTS, 2017-2027 (USD BILLION)

TABLE 17. U.S. ROBOTICS TECHNOLOGY MARKET ESTIMATES & FORECASTS BY SEGMENT 2017-2027 (USD BILLION)

TABLE 18. U.S. ROBOTICS TECHNOLOGY MARKET ESTIMATES & FORECASTS BY SEGMENT 2017-2027 (USD BILLION)

TABLE 19. CANADA ROBOTICS TECHNOLOGY MARKET ESTIMATES & FORECASTS, 2017-2027 (USD BILLION)

TABLE 20. CANADA ROBOTICS TECHNOLOGY MARKET ESTIMATES & FORECASTS BY SEGMENT 2017-2027 (USD BILLION)

TABLE 21. CANADA ROBOTICS TECHNOLOGY MARKET ESTIMATES & FORECASTS BY SEGMENT 2017-2027 (USD BILLION)

TABLE 22. UK ROBOTICS TECHNOLOGY MARKET ESTIMATES & FORECASTS, 2017-2027 (USD BILLION)

TABLE 23. UK ROBOTICS TECHNOLOGY MARKET ESTIMATES & FORECASTS BY SEGMENT 2017-2027 (USD BILLION)

TABLE 24. UK ROBOTICS TECHNOLOGY MARKET ESTIMATES & FORECASTS BY SEGMENT 2017-2027 (USD BILLION)

TABLE 25. GERMANY ROBOTICS TECHNOLOGY MARKET ESTIMATES & FORECASTS, 2017-2027 (USD BILLION)

TABLE 26. GERMANY ROBOTICS TECHNOLOGY MARKET ESTIMATES & FORECASTS BY SEGMENT 2017-2027 (USD BILLION)

TABLE 27. GERMANY ROBOTICS TECHNOLOGY MARKET ESTIMATES & FORECASTS BY SEGMENT 2017-2027 (USD BILLION)

TABLE 28. ROE ROBOTICS TECHNOLOGY MARKET ESTIMATES & FORECASTS, 2017-2027 (USD BILLION)

TABLE 29. ROE ROBOTICS TECHNOLOGY MARKET ESTIMATES & FORECASTS BY SEGMENT 2017-2027 (USD BILLION)

TABLE 30. ROE ROBOTICS TECHNOLOGY MARKET ESTIMATES & FORECASTS BY SEGMENT 2017-2027 (USD BILLION)

TABLE 31. CHINA ROBOTICS TECHNOLOGY MARKET ESTIMATES & FORECASTS, 2017-2027 (USD BILLION)

TABLE 32. CHINA ROBOTICS TECHNOLOGY MARKET ESTIMATES & FORECASTS BY SEGMENT 2017-2027 (USD BILLION)

TABLE 33. CHINA ROBOTICS TECHNOLOGY MARKET ESTIMATES & FORECASTS BY SEGMENT 2017-2027 (USD BILLION)

TABLE 34. INDIA ROBOTICS TECHNOLOGY MARKET ESTIMATES & FORECASTS, 2017-2027 (USD BILLION)

TABLE 35. INDIA ROBOTICS TECHNOLOGY MARKET ESTIMATES & FORECASTS BY SEGMENT 2017-2027 (USD BILLION)

TABLE 36. INDIA ROBOTICS TECHNOLOGY MARKET ESTIMATES & FORECASTS BY SEGMENT 2017-2027 (USD BILLION)

TABLE 37. JAPAN ROBOTICS TECHNOLOGY MARKET ESTIMATES & FORECASTS, 2017-2027 (USD BILLION)

TABLE 38. JAPAN ROBOTICS TECHNOLOGY MARKET ESTIMATES & FORECASTS

BY SEGMENT 2017-2027 (USD BILLION)

TABLE 39. JAPAN ROBOTICS TECHNOLOGY MARKET ESTIMATES & FORECASTS
BY SEGMENT 2017-2027 (USD BILLION)

TABLE 40. ROAPAC ROBOTICS TECHNOLOGY MARKET ESTIMATES &
FORECASTS, 2017-2027 (USD BILLION)

TABLE 41. ROAPAC ROBOTICS TECHNOLOGY MARKET ESTIMATES &
FORECASTS BY SEGMENT 2017-2027 (USD BILLION)

TABLE 42. ROAPAC ROBOTICS TECHNOLOGY MARKET ESTIMATES &
FORECASTS BY SEGMENT 2017-2027 (USD BILLION)

TABLE 43. BRAZIL ROBOTICS TECHNOLOGY MARKET ESTIMATES &
FORECASTS, 2017-2027 (USD BILLION)

TABLE 44. BRAZIL ROBOTICS TECHNOLOGY MARKET ESTIMATES &
FORECASTS BY SEGMENT 2017-2027 (USD BILLION)

TABLE 45. BRAZIL ROBOTICS TECHNOLOGY MARKET ESTIMATES &
FORECASTS BY SEGMENT 2017-2027 (USD BILLION)

TABLE 46. MEXICO ROBOTICS TECHNOLOGY MARKET ESTIMATES &
FORECASTS, 2017-2027 (USD BILLION)

TABLE 47. MEXICO ROBOTICS TECHNOLOGY MARKET ESTIMATES &
FORECASTS BY SEGMENT 2017-2027 (USD BILLION)

TABLE 48. MEXICO ROBOTICS TECHNOLOGY MARKET ESTIMATES &
FORECASTS BY SEGMENT 2017-2027 (USD BILLION)

TABLE 49. ROLA ROBOTICS TECHNOLOGY MARKET ESTIMATES & FORECASTS,
2017-2027 (USD BILLION)

TABLE 50. ROLA ROBOTICS TECHNOLOGY MARKET ESTIMATES & FORECASTS
BY SEGMENT 2017-2027 (USD BILLION)

TABLE 51. ROLA ROBOTICS TECHNOLOGY MARKET ESTIMATES & FORECASTS
BY SEGMENT 2017-2027 (USD BILLION)

TABLE 52. ROW ROBOTICS TECHNOLOGY MARKET ESTIMATES & FORECASTS,
2017-2027 (USD BILLION)

TABLE 53. ROW ROBOTICS TECHNOLOGY MARKET ESTIMATES & FORECASTS
BY SEGMENT 2017-2027 (USD BILLION)

TABLE 54. ROW ROBOTICS TECHNOLOGY MARKET ESTIMATES & FORECASTS
BY SEGMENT 2017-2027 (USD BILLION)

TABLE 55. LIST OF SECONDARY SOURCES, USED IN THE STUDY OF GLOBAL
ROBOTICS TECHNOLOGY MARKET

TABLE 56. LIST OF PRIMARY SOURCES, USED IN THE STUDY OF GLOBAL
ROBOTICS TECHNOLOGY MARKET

TABLE 57. YEARS CONSIDERED FOR THE STUDY

TABLE 58. EXCHANGE RATES CONSIDERED

List Of Figures

LIST OF FIGURES

FIG 1. GLOBAL ROBOTICS TECHNOLOGY MARKET, RESEARCH METHODOLOGY

FIG 2. GLOBAL ROBOTICS TECHNOLOGY MARKET, MARKET ESTIMATION
TECHNIQUES

FIG 3. GLOBAL MARKET SIZE ESTIMATES & FORECAST METHODS

FIG 4. GLOBAL ROBOTICS TECHNOLOGY MARKET, KEY TRENDS 2019

FIG 5. GLOBAL ROBOTICS TECHNOLOGY MARKET, GROWTH PROSPECTS
2020-2027

FIG 6. GLOBAL ROBOTICS TECHNOLOGY MARKET, PORTERS 5 FORCE MODEL

FIG 7. GLOBAL ROBOTICS TECHNOLOGY MARKET, PEST ANALYSIS

FIG 8. GLOBAL ROBOTICS TECHNOLOGY MARKET, VALUE CHAIN ANALYSIS

FIG 9. GLOBAL ROBOTICS TECHNOLOGY MARKET BY SEGMENT, 2017 & 2027
(USD BILLION)

FIG 10. GLOBAL ROBOTICS TECHNOLOGY MARKET BY SEGMENT, 2017 & 2027
(USD BILLION)

FIG 11. GLOBAL ROBOTICS TECHNOLOGY MARKET BY SEGMENT, 2017 & 2027
(USD BILLION)

FIG 12. GLOBAL ROBOTICS TECHNOLOGY MARKET BY SEGMENT, 2017 & 2027
(USD BILLION)

FIG 13. GLOBAL ROBOTICS TECHNOLOGY MARKET BY SEGMENT, 2017 & 2027
(USD BILLION)

FIG 14. GLOBAL ROBOTICS TECHNOLOGY MARKET, REGIONAL SNAPSHOT 2017
& 2027

FIG 15. NORTH AMERICA ROBOTICS TECHNOLOGY MARKET 2017 & 2027 (USD
BILLION)

FIG 16. EUROPE ROBOTICS TECHNOLOGY MARKET 2017 & 2027 (USD BILLION)

FIG 17. ASIA PACIFIC ROBOTICS TECHNOLOGY MARKET 2017 & 2027 (USD
BILLION)

FIG 18. LATIN AMERICA ROBOTICS TECHNOLOGY MARKET 2017 & 2027 (USD
BILLION)

FIG 19. GLOBAL ROBOTICS TECHNOLOGY MARKET, COMPANY MARKET SHARE
ANALYSIS (2019)

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