

# **Global Cleaning Robots Market 2017-2023 by Application, End-user, Distribution Channel and Region: Segment Analysis, Trend Outlook and Business Strategy**

<https://marketpublishers.com/r/GCD87530261EN.html>

Date: October 2017

Pages: 186

Price: US\$ 2,856.00 (Single User License)

ID: GCD87530261EN

## **Abstracts**

Robotic cleaning technology has been evolving and transforming the cleaning landscape in both residential environment and commercial settings. An increasing presence of cleaning robots has been observed in global market because these smart equipment can lower labor cost, improve cleaning efficiency, and reduce working accidents. Robovacs are more accepted by elderly population, disabled people, and tech-savvy households who prefer a modern lifestyle. Professional cleaning robots are increasingly adopted by manufacturing plants, healthcare facilities, education buildings, retails, logistics, business centers, etc. Global total sales revenue of cleaning robots will advance to \$XXX million in 2023, registering a CAGR of 17.7% between 2016 and 2023. This represents a cumulative revenue of \$XXX billion during 2017-2023 owing to a fast-growing adoption of robots for cleaning floor, pool, window, lawn, and other places.

Highlighted with 33 tables and 82 figures, this 186-page report “Global Cleaning Robots Market 2017-2023 by Application, End-user, Distribution Channel and Region: Segment Analysis, Trend Outlook and Business Strategy” is based on a comprehensive research of worldwide robotic cleaner market by analyzing the entire global market and all its sub-segments through extensively detailed classifications. Profound analysis and assessment are generated from premium primary and secondary information sources with inputs derived from industry professionals across the value chain. The report provides historical market data for 2014 and 2015, revenue estimates for 2016, and forecasts from 2017 till 2023.

In-depth qualitative analyses include identification and investigation of the following aspects:

Market Structure

Growth Drivers

Restraints and Challenges

Emerging Product Trends & Market Opportunities

Porter's Fiver Forces

The trend and outlook of global market is forecast in optimistic, balanced, and conservative view. The balanced (most likely) projection is used to quantify global cleaning robots market in every aspect of the classification from perspectives of application, end-user, distribution channel and region.

Based on application, the global market is segmented into the following sub-markets with annual revenue included for 2014-2023 (historical and forecast) for each section.

Floor Cleaning

Pool Cleaning

Lawn Cleaning

Window Cleaning

Other Cleaning

On basis of end-user, the global market is analyzed on the following segments with annual revenue in 2014-2023 provided for each segment.

Residential Sector

Industrial Sector

Healthcare

Other Commercial Sectors

On basis of distribution channel, the global market is analyzed on the following segments with annual revenue in 2014-2023 provided for each segment.

Online Sales

Supermarkets and Retail Stores

Other Channels

Geographically, the following regions together with the listed national markets are fully investigated:

APAC (Japan, China, South Korea, Australia, India, and Rest of APAC)

Europe (Germany, France, UK, Italy, Spain, Rest of Europe)

North America (U.S. and Canada)

Latin America (Argentina, Brazil, Mexico, Rest of Latin America)

RoW (UAE, Saudi Arabia, South Africa)

For each of the aforementioned regions and countries, detailed analysis and data for annual revenue are available for 2014-2023. The breakdown of all regional markets by country and split of some key national markets by robot application & end-user over the forecast years are also included.

The report also covers current competitive scenario and the predicted manufacture trend; and profiles global cleaning robot vendors including market leaders and important emerging players.

Specifically, potential risks associated with investing in global cleaning robots market are assayed quantitatively and qualitatively through GMD's Risk Assessment System. According to the risk analysis and evaluation, Critical Success Factors (CSFs) are generated as a guidance to help investors & stockholders manage and minimize the risks, develop appropriate business models, and make wise strategies and decisions.

## Contents

### 1 INTRODUCTION

- 1.1 Industry Definition and Research Scope
  - 1.1.1 Industry Definition
  - 1.1.2 Research Scope
- 1.2 Research Methodology
  - 1.2.1 Overview of Market Research Methodology
  - 1.2.2 Market Assumption
  - 1.2.3 Secondary Data
  - 1.2.4 Primary Data
  - 1.2.5 Data Filtration and Model Design
  - 1.2.6 Market Size/Share Estimation
  - 1.2.7 Research Limitations
- 1.3 Executive Summary

### 2 MARKET OVERVIEW AND QUALITATIVE ANALYSIS

- 2.1 Market Structure
- 2.2 Market Size and Forecast
- 2.3 Major Growth Drivers
- 2.4 Market Restraints and Challenges
- 2.5 Emerging Opportunities and Market Trends
- 2.6 Porter's Fiver Forces Analysis

### 3 SEGMENTATION OF GLOBAL MARKET BY APPLICATION

- 3.1 Market Overview by Application
- 3.2 Global Floor Cleaning Robots Market 2014-2023
  - 3.2.1 Market Overview
  - 3.2.2 Global Floor Cleaning Robots Market by Region 2014-2023
- 3.3 Global Pool Cleaning Robots Market 2014-2023
  - 3.3.1 Market Overview
  - 3.3.2 Global Pool Cleaning Robots Market by Region 2014-2023
- 3.4 Global Lawn Cleaning Robots Market 2014-2023
- 3.5 Global Window Cleaning Robots Market 2014-2023
- 3.6 Global Cleaning Robots Market for Other Applications 2014-2023

## **4 SEGMENTATION OF GLOBAL MARKET BY END-USER**

- 4.1 Market Overview by End-user
- 4.2 Global Market of Cleaning Robots in Residential Sector 2014-2023
  - 4.2.1 Market Overview
  - 4.2.2 Global Residential Cleaning Robots Market by Region 2014-2023
- 4.3 Global Market of Cleaning Robots in Industrial Sector 2014-2023
  - 4.3.1 Market Overview
  - 4.3.2 Global Industrial Cleaning Robots Market by Region 2014-2023
- 4.4 Global Market of Cleaning Robots in Healthcare 2014-2023
- 4.5 Global Market of Cleaning Robots in Other Commercial Sectors 2014-2023

## **5 SEGMENTATION OF GLOBAL MARKET BY DISTRIBUTION CHANNEL**

- 5.1 Market Overview by Distribution Channel
- 5.2 Global Cleaning Robots Market by Online Sales 2014-2023
- 5.3 Global Cleaning Robots Market by Supermarkets and Retail Stores 2014-2023
- 5.4 Global Cleaning Robots Market by Other Distribution Channels 2014-2023

## **6 SEGMENTATION OF GLOBAL MARKET BY REGION**

- 6.1 Geographic Market Overview by Region 2016-2023
- 6.2 North America Market 2014-2023
  - 6.2.1 Overview of North America Market
  - 6.2.2 U.S. Market
  - 6.2.3 Canadian Market
- 6.3 European Market 2014-2023
  - 6.3.1 Overview of European Market
  - 6.3.2 Germany
  - 6.3.3 France
  - 6.3.4 UK
  - 6.3.5 Italy
  - 6.3.6 Spain
  - 6.3.7 Rest of European Market
- 6.4 Asia-Pacific Market 2014-2023
  - 6.4.1 Overview of Asia-Pacific Market
  - 6.4.2 Japan
  - 6.4.3 China
  - 6.4.4 South Korea

6.4.5 Australia

6.4.6 India

6.4.7 Rest of APAC Region

6.5 Latin America Market 2014-2023

6.5.1 Brazil

6.5.2 Mexico

6.5.3 Argentina

6.5.4 Rest of Latin America Market

6.6 Rest of World Market 2014-2023

6.6.1 UAE

6.6.2 Saudi Arabia

6.6.3 South Africa

6.6.4 Other National Markets

## **7 COMPETITIVE LANDSCAPE**

7.1 Overview of Global Vendors

7.2 Recent Product Launches and Development

7.3 Company Profiles

## **8 INVESTING IN GLOBAL MARKET: RISK ASSESSMENT AND MANAGEMENT**

8.1 Risk Evaluation of Global Market

8.2 Critical Success Factors (CSFs)

## **RELATED REPORTS AND PRODUCTS**

## List Of Tables

### LIST OF TABLES:

- Table 1. Snapshot of Global Cleaning Robots Market, 2016-2023
- Table 2. Main Product Trends and Market Opportunities in Global Cleaning Robots Market
- Table 3. Global Cleaning Robots Market by Application, 2014-2023, \$ mn
- Table 4. Global Floor Cleaning Robots Market by Region, 2014-2023, \$ mn
- Table 5. Global Pool Cleaning Robots Market by Region, 2014-2023, \$ mn
- Table 6. Global Cleaning Robots Market by End-user, 2014-2023, \$ mn
- Table 7. Global Residential Cleaning Robots Market by Region, 2014-2023, \$ mn
- Table 8. Global Industrial Cleaning Robots Market by Region, 2014-2023, \$ mn
- Table 9. Global Cleaning Robots Market by Distribution Channel, 2014-2023, \$ mn
- Table 10. Global Cleaning Robots Market by Region, 2014-2023, \$ mn
- Table 11. Leading National Cleaning Robots Markets by Revenue, 2016 and 2023, \$ mn
- Table 12. North America Cleaning Robots Market by Country, 2014-2023, \$ mn
- Table 13. U.S. Cleaning Robots Market by Application, 2016-2023, \$ mn
- Table 14. U.S. Cleaning Robots Market by End-user, 2016-2023, \$ mn
- Table 15. Canada Cleaning Robots Market by Application, 2016-2023, \$ mn
- Table 16. Canada Cleaning Robots Market by End-user, 2016-2023, \$ mn
- Table 17. Europe Cleaning Robots Market by Country, 2014-2023, \$ mn
- Table 18. Germany Cleaning Robots Market by Application, 2016-2023, \$ mn
- Table 19. Germany Cleaning Robots Market by End-user, 2016-2023, \$ mn
- Table 20. France Cleaning Robots Market by Application, 2016-2023, \$ mn
- Table 21. France Cleaning Robots Market by End-user, 2016-2023, \$ mn
- Table 22. APAC Cleaning Robots Market by Country, 2014-2023, \$ mn
- Table 23. Japan Cleaning Robots Market by Application, 2016-2023, \$ mn
- Table 24. Japan Cleaning Robots Market by End-user, 2016-2023, \$ mn
- Table 25. China Cleaning Robots Market by Application, 2016-2023, \$ mn
- Table 26. China Cleaning Robots Market by End-user, 2016-2023, \$ mn
- Table 27. Latin America Cleaning Robots Market by Country, 2014-2023, \$ mn
- Table 28. RoW Cleaning Robots Market by Country, 2014-2023, \$ mn
- Table 29. Market Shares of Leading Residential Robotic Cleaner Vendors in Global Market, 2013-2016, % of Revenue
- Table 30. Main Residential Robotic Cleaner Vendors and Product Offerings
- Table 31. Samsung Electronics Major Products by Business Division, 2016
- Table 32. Risk Evaluation for Investing in Global Market, 2016-2023



Table 33. Critical Success Factors and Key Takeaways

## List Of Figures

### LIST OF FIGURES:

Figure 1. Research Method Flow Chart

Figure 2. Bottom-up Approach and Top-down Approach for Market Estimation

Figure 3. Global Market Forecast in Optimistic, Conservative and Balanced Perspectives, 2016-2023

Figure 4. Structure of Global Cleaning Robots Market

Figure 5. Global Cleaning Robots Market by Revenue, 2014-2023, \$ mn

Figure 6. Global Cleaning Robots Market by Unit Shipment, 2014-2023, thousand units

Figure 7. Average Selling Price (ASP) of Residential Cleaning Robots, 2014-2023, USD/unit

Figure 8. Average Selling Price (ASP) of non-Residential Cleaning Robots, 2014-2023, USD/unit

Figure 9. Primary Drivers and Impact Factors of Global Cleaning Robots Market

Figure 10. Primary Restraints and Impact Factors of Global Cleaning Robots Market

Figure 11. Porter's Five Forces Analysis of Global Cleaning Robots Market

Figure 12. Breakdown of Global Cleaning Robots Market by Application, 2016-2023, % of Revenue

Figure 13. Contribution to Global 2017-2023 Cumulative Revenue by Application, Value (\$ mn) and Share (%)

Figure 14. Global Floor Cleaning Robots Market, 2014-2023, \$ mn

Figure 15. Global Pool Cleaning Robots Market by Revenue, 2014-2023, \$ mn

Figure 16. Global Lawn Cleaning Robots Market by Revenue, 2014-2023, \$ mn

Figure 17. Global Window Cleaning Robots Market by Revenue, 2014-2023, \$ mn

Figure 18. Global Cleaning Robots Market for Other Applications by Revenue, 2014-2023, \$ mn

Figure 19. Breakdown of Global Cleaning Robots Market by End-user, 2016-2023, % of Revenue

Figure 20. Contribution to Global 2017-2023 Cumulative Revenue by End-user, Value (\$ mn) and Share (%)

Figure 21. Global Market of Cleaning Robots in Residential Sector, 2014-2023, \$ mn

Figure 22. Global Market of Cleaning Robots in Industrial Sector, 2014-2023, \$ mn

Figure 23. Global Market of Cleaning Robots in Healthcare, 2014-2023, \$ mn

Figure 24. Global Market of Cleaning Robots in Other Commercial Sectors, 2014-2023, \$ mn

Figure 25. Breakdown of Global Cleaning Robots Market by Distribution Channel, 2016-2023, % of Revenue

Figure 26. Contribution to Global 2017-2023 Cumulative Revenue by Distribution Channel, Value (\$ mn) and Share (%)

Figure 27. Global Cleaning Robots Market by Online Sales, 2014-2023, \$ mn

Figure 28. Global Cleaning Robots Market by Supermarkets and Retail Stores, 2014-2023, \$ mn

Figure 29. Global Cleaning Robots Market by Other Distribution Channels, 2014-2023, \$ mn

Figure 30. Geographic Spread of Worldwide Cleaning Robots Market, 2016-2023, % of Revenue

Figure 31. Contribution to Global 2017-2023 Cumulative Revenue by Region, Value (\$ mn) and Share (%)

Figure 32. North American Cleaning Robots Market by Value, 2014-2023, \$ mn

Figure 33. Breakdown of North America Cleaning Robots Market by Country, 2016 and 2023, % of Revenue

Figure 34. Contribution to North America 2017-2023 Cumulative Revenue by Country, Value (\$ mn) and Share (%)

Figure 35. U.S. Cleaning Robots Market by Revenue, 2014-2023, \$ mn

Figure 36. Canada Cleaning Robots Market by Revenue, 2014-2023, \$ mn

Figure 37. European Cleaning Robots Market by Revenue, 2014-2023, \$ mn

Figure 38. Breakdown of European Cleaning Robots Market by Country, 2016 and 2023, % of Revenue

Figure 39. Contribution to Europe 2017-2023 Cumulative Revenue by Country, Value (\$ mn) and Share (%)

Figure 40. Cleaning Robots Market in Germany by Revenue, 2014-2023, \$ mn

Figure 41. Cleaning Robots Market in France by Revenue, 2014-2023, \$ mn

Figure 42. Cleaning Robots Market in UK by Revenue, 2014-2023, \$ mn

Figure 43. Cleaning Robots Market in Italy by Revenue, 2014-2023, \$ mn

Figure 44. Cleaning Robots Market in Spain by Revenue, 2014-2023, \$ mn

Figure 45. Cleaning Robots Market in Rest of Europe by Revenue, 2014-2023, \$ mn

Figure 46. Cleaning Robots Market in Rest of Europe by Country, 2016, % of Revenue

Figure 47. Asia-Pacific Cleaning Robots Market by Revenue, 2014-2023, \$ mn

Figure 48. Breakdown of APAC Cleaning Robots Market by Country, 2016 and 2023, % of Revenue

Figure 49. Contribution to APAC 2017-2023 Cumulative Revenue by Country, Value (\$ mn) and Share (%)

Figure 50. Cleaning Robots Market in Japan by Revenue, 2014-2023, \$ mn

Figure 51. Cleaning Robots Market in China by Revenue, 2014-2023, \$ mn

Figure 52. Cleaning Robots Market in South Korea by Revenue, 2014-2023, \$ mn

Figure 53. Cleaning Robots Market in Australia by Revenue, 2014-2023, \$ mn

- Figure 54. Cleaning Robots Market in India by Revenue, 2014-2023, \$ mn
- Figure 55. Cleaning Robots Market in Rest of APAC by Revenue, 2014-2023, \$ mn
- Figure 56. Latin America Cleaning Robots Market by Revenue, 2014-2023, \$ mn
- Figure 57. Breakdown of Latin America Cleaning Robots Market by Country, 2016 and 2023, % of Revenue
- Figure 58. Contribution to Latin America 2017-2023 Cumulative Revenue by Country, Value (\$ mn) and Share (%)
- Figure 59. Cleaning Robots Market in Brazil by Revenue, 2014-2023, \$ mn
- Figure 60. Cleaning Robots Market in Mexico by Revenue, 2014-2023, \$ mn
- Figure 61. Cleaning Robots Market in Argentina by Revenue, 2014-2023, \$ mn
- Figure 62. Cleaning Robots Market in Rest of Latin America by Revenue, 2014-2023, \$ mn
- Figure 63. Cleaning Robots Market in Rest of the World (RoW) by Revenue, 2014-2023, \$ mn
- Figure 64. Breakdown of RoW Cleaning Robots Market by Country, 2016 and 2023, % of Revenue
- Figure 65. Contribution to RoW 2017-2023 Cumulative Revenue by Country, Value (\$ mn) and Share (%)
- Figure 66. Cleaning Robots Market in UAE by Revenue, 2014-2023, \$ mn
- Figure 67. Cleaning Robots Market in Saudi Arabia by Revenue, 2014-2023, \$ mn
- Figure 68. Cleaning Robots Market in South Africa by Revenue, 2014-2023, \$ mn
- Figure 69. Growth Stage of Global Cleaning Robot Industry over the Forecast Period
- Figure 70. BSH Hausger?te Total Revenue, 2014-2016, billion euros
- Figure 71. RVC Shipment of iRobot, FY 2014-2016, million units
- Figure 72. Total Revenue of iRobot, FY 2014-2017F, \$ mn
- Figure 73. Overview of iRobot's Financials and Operations, FY 2014-2016, \$ thousand
- Figure 74. Geographical Distribution of iRobot's Revenue, FY 2014-2016, % of Revenue
- Figure 75. Segmentation of iRobot's Revenue by Business Division, FY 2014-2016, % of Revenue
- Figure 76. Cost/Gross Margin Composition in iRobot's Revenue, FY 2014-2016, % of Revenue
- Figure 77. iRobot R&D Expense (\$ mn) and its Share (%) in Revenue, FY 2014-2016
- Figure 78. Total Revenue of LG Electronics, 2014-2016, \$bn
- Figure 79. LG Electronics: Regional Segmentation of Revenue, 2016, %
- Figure 80. Samsung Electronics Financial Summary by Division, 2014-2016, KRW million
- Figure 81. Total Revenue and Consumer Electronics Revenue of Samsung Electronics, 2015-2016, \$bn

Figure 82. Samsung Electronics: Regional Segmentation of Revenue, 2016, %

## COMPANIES MENTIONED

AB Electrolux  
ADLATUS Robotics GmbH  
Alfred K rcher GmbH & Co. KG  
Aqua Products, Inc.  
Avidbots Corp.  
BSH Bosch Und Siemens Hausger te Altersf rsorge GmbH  
Cleanfix Reinigungssysteme AG  
Danduct Clean  
Dyson Ltd  
ECOVACS Robotics Co., Ltd.  
GE Inspection Robotics  
Hanool Robotics Corp.  
Hayward Industries, Inc.  
HOBOT  
Husqvarna Group  
IBC Robotics  
Intellibot Robotics LLC  
iRobot Corporation  
Koninklijke Philips N.V.  
LG Electronics  
Maytronics Ltd.  
Metapo, Inc.  
Miele & Cie. KG  
Moneual USA, Inc.  
Neato Robotics, Inc.  
Panasonic Corporation  
Pentair Ltd.  
Robomow  
Samsung Electronics  
Scantron Robotics  
Sharp Corporation  
Toshiba Corporation  
Windowmate  
Yujin Robot Co., Ltd.  
Zodiac Pool Systems, Inc.

## I would like to order

Product name: Global Cleaning Robots Market 2017-2023 by Application, End-user, Distribution Channel and Region: Segment Analysis, Trend Outlook and Business Strategy

Product link: <https://marketpublishers.com/r/GCD87530261EN.html>

Price: US\$ 2,856.00 (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/GCD87530261EN.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

