Global and China Service Robot Industry Report, 2018-2022

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STUDY GOAL AND OBJECTIVES

This report provides the industry executives with strategically significant competitor information, analysis, insight and projection on the competitive pattern and key companies in the industry, crucial to the development and implementation of effective business, marketing and R&D programs.

REPORT OBJECTIVES

- To establish a comprehensive, factual, annually updated and cost-effective information base on market size, competition patterns, market segments, goals and strategies of the leading players in the market, reviews and forecasts.
- To assist potential market entrants in evaluating prospective acquisition and joint venture candidates.
- To complement the organizations' internal competitor information gathering efforts with strategic analysis, data interpretation and insight.
- To suggest for concerned investors in line with the current development of this industry as well as the development tendency.
- To help company to succeed in a competitive market, and

METHODOLOGY

Both primary and secondary research methodologies were used in preparing this study. Initially, a comprehensive and exhaustive search of the literature on this industry was conducted. These sources included related books and journals, trade literature, marketing literature, other product/promotional literature, annual reports, security analyst reports, and other publications. Subsequently, telephone interviews or email correspondence was conducted with marketing executives etc. Other sources included related magazines, academics, and consulting companies.

INFORMATION SOURCES

The primary information sources include Company Reports, and National Bureau of Statistics of China etc.

Abstract

In 2017, the global service robot market size reached approximately USD8.3 billion, up 13.6% from a year earlier, and the scale is expected to keep a growth rate of about 20.0% in the upcoming years and soar to USD20.7 billion in 2022 in the wake of the growing mature technologies like artificial intelligence and human-machine interaction as well as the expedited aging of population and the robust demand for medical care and education.

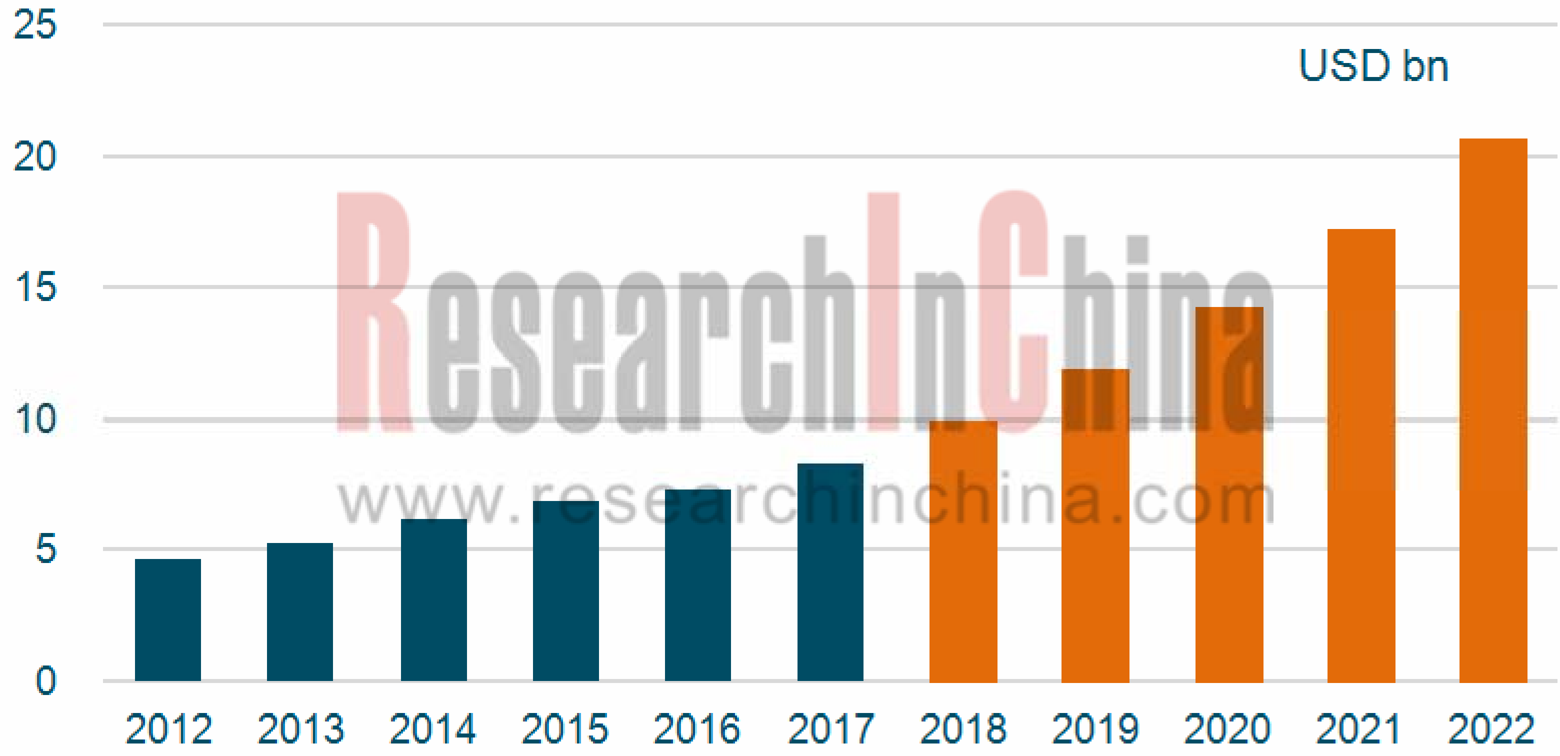
China is a country where service robot enjoys broad prospects, with its market size reporting USD1.32 billion or so and sharing 15.9% of global total in 2017. Being incentivized by policies, service robot embrace huge market potentials and vast development space in China and its market will be worth USD4.9 billion in 2022.

In 2017, dedicated service robots made most sales contribution and swept 62.8% of global market. To be specific, medical service robot as one of the mainstream dedicated service robots in the world had the market size of USD1.83 billion or 35.0% of the global dedicated service robot market in 2017, and its market is anticipated to reach USD4.28 billion in 2022.

The medical service robot market is occupied primarily by foreign companies for the moment since they boasts strong expertise. For instance, Intuitive Surgical is a leading supplier of surgical robots, holding over 50% market shares worldwide; Israel-based ReWalk is a leader in the exoskeleton robot market. Medical robot industry started late in China and is still in its infancy, and local Chinese producers of medical service robot including Smarobot, Harbin Boshi Automation, Tinavi and Truking Technology quicken deployments and scramble for more market shares by means of more investments into R&D and acquisitions. For example, Truking Technology and its controlling shareholders jointly acquired 75.1% equities of Romaco, a German provider of medical equipment, and made a capital increase in Truking Robot Company, etc.

Logistics robot witnessed the highest growth rate in terms of sales among the dedicated service robots in 2017 and its sales soared by 45.7% year on year and reached 37,000 units. As the intelligent logistics is developing by leaps and bounds and such new logistics equipment mushroom as unmanned warehouse, UAV and smart delivery robot, the logistics robot market will continue rapid growth momentum and its sales will hit 116,000 units till 2022.

Global Market Size of Service Robots, 2012-2022E



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As far as personal/home service robots are concerned, the cleaning robot market maintained rapid growth in 2017 and the sales reported USD2.0 billion with a year-on-year upsurge of 24.9%. Irobot and Ecovacs, which are the two largest producers of cleaning robot around the globe, held a combined market share of 73% in 2017. Being bullish about the market, firms like Xiaomi and Haier have forayed into the field of cleaning robot successively and seized some market shares. For example, Xiaomi launched MIJIA sweeping robot in 2016, and Haier rolled out T550 sweeping robot in 2017.

Global and China Service Robot Industry Report, 2018-2022 by ResearchInChina highlights the following:

◆Global service robot market (market size, product structure, regional development, competition among enterprises, development tendencies, etc.;

◆China's service robot market (market size and environment, regional distribution, development tendencies, etc.;

◆Personal/household service robot market development in China and the world and the development of subdivided products (housekeeping robot, education robot, escort robot, etc.);

◆Global market size of dedicated service robots and the development of subdivided products (medical robot, agricultural robot, logistics robot, etc.);

◆Global and Chinese market development of core components for service robot (servo motor, sensors, Lidar, intelligent speech);

◆15 global and Chinese personal/home service robot companies (operation, service robot business, etc.);

◆10 global and Chinese dedicated service robot companies (operation, development strategy, etc.).

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Table of contents

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Table of contents

Table of contents

Selected Charts

- Service Robot Industry Chain
- Core Modules and Technologies for Service Robot
- Enterprise Pattern of Global Service Robot Industry
- Global Service Robot Market Size, 2012-2022
- Global Sales Volume of Service Robots, 2012-2022
- Global Top 10 Service Robot Companies by Number of Patents, 2017
- Global Market Shares (by Sales) of Service Robots (by Type), 2017 & 2022
- Service Robot Market Size (by Application) in North America, 2012-2022E
- Service Robot Market Size in Japan, 2010-2035E
- Global Market Shares of Europe in Professional Service Robots (by Application)
- Number of Service Robot Manufacturers (by Region) Worldwide, 2017
- Pattern of World's Service Robot (by Type) Manufacturers
- Number of Service Robot Patents in China, 2013-2017
- Number of Service Robot Patents by Type in China, 2017
- Top 20 Service Robot Companies by Number of Patents in China, 2017-Apr 2018
- China's Service Robot Market Size, 2012-2022E
- China's Service Robot Market Size by Product, 2017
- Geographical Distribution of Service Robots in Use in China
- Distribution of Major Local Personal/Home Service Robot Companies in China
- Distribution of Public Service Robot Companies in China, 2017
- Robot Financing in China, 2014-June 2018
- Global Sales Revenue of Household/Personal Service Robots, 2012-2022F
- Global Sales Volume of Household/Personal Service Robots, 2012-2022F
- Average Price of Global Personal/Household Service Robots, 2012-2022F
- Application Structure (by Sales) of Personal/Household Service Robots, 2017&2022E

Selected Charts

- Basic Architecture of a Sweeping Robot
- Structure of Global Home Floor-sweeping Utensils, 2012&2017
- YoY Growth of Global Vacuum Cleaner Market by Sector, 2017
- Technology and Price Trends of Mainstream Sweeping Robots in China, 2018
- Sweeping Robot Retail Volume in China, 2013-2022E
- Sweeping Robot Retail Sales in China, 2013-2022E
- Sweeping Robot Retail Sales by Channel in China, 2013-2017
- Coverage of Sweeping Robots (by Country) Worldwide, 2016
- Penetration Rate of Household Sweeping Robots of Major Countries in the World, 2017
- Market Shares (by Enterprise) of Cleaning Robots in Global, 2015-2017
- Competitive Pattern of Housework Robot Companies in China, 2017
- Online/Offline Market Shares of Sweeping Robots by Company in China, 2014-2017
- Technological Evolution of Sweeping Robot Technologies
- Cleaning Robot Enterprises and Industry Development Trend
- Scenarios of Major Applications of Education Robot
- Global Education Robot Market Size, 2013-2022E
- China's Education Robot Market Size (unit: RMB100 mln), 2011-2018
- Education Robot Demand in Major Cities/Regions of China, 2018
- Distribution of Global Education Robot Industry Chain
- Prices of Mainstream Education & Escort Robots in China, 2018
- 65-year-old (or above) Population in China and % in Total, 2008-2017
- 15 to 64-year-old Population's Proportion in Total of China, 2009-2017
- Average Family Size in China, 2009-2017
- Global Sales Revenue of Professional Service Robots, 2012-2022F
- Global Sales Volume of Professional Service Robots, 2012-2022F

Selected Charts

- Global Medical Robot Sales Structure by Type
- Distribution of Intelligent Medical Service Robot Companies in China
- Financing of Medical Robot Industry in China, 2009-2017
- Global Logistics Service Robot Sales, 2015-2022E
- Global Logistics Service Robot Sales Volume, 2015-2022E
- AGV-related Suppliers
- Composition of Servo Motor
- Global Demand for Servo Motors, 2010-2022E
- Parameters and Price Trend of South Korea-made Robotics Servo
- Distribution of Service Robot (by Mode of Moving) Brands
- Operating Principles of Sensor
- Composition of Sensor
- Global Sensor Market Size, 2014-2022E
- Major Global and Chinese Sensor Vendors
- Sensors Configured in Big Dog Robot
- Quantity of Sensors Configured in Big Dog Robot and Their Functions
- Sensor Configuration of Humanoid Robot Nao
- Sensor Configuration of Pepper
- Lidar’s Principles
- Lidar’s Composition and Functions of Components
- Lidar Imaging Technology
- Price Trend of Lidar
- Scale of Mobile Robots’ Demand for Lidar in China, 2016-2030E
- Development Course of Intelligent Speech
- Global Intelligent Voice Market Size, 2015-2022E

Selected Charts

- Chinese Intelligent Voice Market Size, 2015-2022E
- Market Shares of Global Intelligent Speech Companies, 2015
- Market Shares of Chinese Intelligent Speech Companies, 2015
- Operating Speed of CPU, GPU and FPGA under Varied Threads
- Number of Robots Types Applying ROS System
- Structure of the Robot Applying ROS System
- Principles of Image Recognition
- Future Research Direction of Image Recognition
- Development Course of iRobot
- Revenue and Net Income of iRobot, FY2011-FY2018
- Major Sweeping Robots of iRobot
- Product Distribution of iRobot’s Household Robots
- Revenue and R&D cost of Knightscope, 2016-2017
- Knightscope’s Main Products
- Savioke’s Financing, 2016-2018
- Savioke’s Main Investors and Partners
- SoftBank Robotics’ Product Lines
- Revenue and Net Income of Fmart, 2013-2017
- Fmart’s Global Sales Network, 2018
- Ecovacs’ Product Lines
- Ecovacs’ Revenue, 2013-2017
- Ecovacs’ Revenue Structure by Business, 2013-2017
- Ecovacs’ Revenue by Region, 2013-2017
- Ecovacs’ Gross Margin by Product, 2013-2017
- Ecovacs’ Online Sales on “11.11” (i.e., Nov.11), 2011-2017

Selected Charts

- Ecovacs' Service Robot Revenue Structure by Channel, 2017
- Ecovacs' Service Robot Revenue, 2013-2017
- Ecovacs' Service Robot Revenue Structure by Product, 2017
- Ecovacs' Service Robot Revenue by Product, 2013-2017
- Ecovacs' Output and Sales of Self-produced and OEM Home Service Robots, 2014-2017
- Ecovacs' Service Robot Revenue Structure by Region, 2017
- Revenue and Net Income of Siasun Robot & Automation, 2012-2018
- Revenue Structure of Siasun Robot & Automation (by Product), 2015-2017
- Operating Revenue Structure of Siasun Robot & Automation (by Region), 2014-2017
- Gross Margin of Siasun Robot & Automation (by Product), 2013-2017
- Main Intelligent Service Robot Types of Siasun Robot & Automation
- Revenue and Net Income of Hangzhou GreatStar Industrial, 2013-2018
- Operating Revenue of Hangzhou GreatStar Industrial (by Region), 2014-2017
- Hangzhou GreatStar Industrial's Major Companies Involved in Service Robot and Their Products, 2017
- Revenue and Net Income of Canny Elevator, 2013-2018
- Revenue and Net Income of UNISROBO, 2014-2017
- Revenue and Net Income of Shanghai Xiaoi Robot Technology, 2013-2017
- Output Path of Xiaoi Robot's Core Technologies
- Full Channel Access of Xiaoi Robot
- Xiaoi Robot's Main Clients
- Revenue and Net Income of Minleo, 2013-2017
- UBTECH's Product Lines
- Sales Objective of UBTECH, 2016
- Sales Structure of UBTECH's Alpha1S Products (by Region)
- Channel Distribution of Alpha1S

Selected Charts

- Presence of Worldwide R&D Centers of ZEBOT
- Revenue and Net Income of Intuitive Surgical, 2010-2018
- System Placements of da Vinci Surgical System, 2016-2017
- Installations of da Vinci Surgical System (by Business) in the United States, 2010-2015
- Installations of da Vinci Surgical System (by Region), 2015-2017
- System Placements of da Vinci Surgical System by Region, 2014-2018
- Surgical Operation Quantity of da Vinci Surgical System by Type, 2009-2018E
- Gross Margin of Intuitive Surgical, 2010-2018
- Revenue of Intuitive Surgical by Product, 2017
- Revenue of Intuitive Surgical by Business, 2012-2018
- Revenue of Rewalk Robotics, 2012-2018
- Net Income of Rewalk Robotics, 2012-2018
- Gross Margin of Rewalk Robotics, 2012-2018
- Development Trend of Rewalk's Product Technologies, 2016-2020E
- Revenue and Net Income of Boshi Automation, 2011-2018
- Gross Margin of Boshi Automation, 2010-2018
- Revenue and Net Income of Midea Group, 2012-2018
- Gross Margin of Midea Group, 2012-2018
- Midea's Layout in Service Robots as of 2017
- Revenue and Net Income of Truking Technology, 2010-2018
- Gross Margin of Truking Technology, 2010-2018
- Revenue and Net Income of Jinming Machinery, 2010-2018
- Gross Margin of Jinming Machinery, 2010-2018
- Revenue and Net Income of Dima Industry, 2010-2018
- Gross Margin of Dima Industry, 2010-2018

Selected Charts

- Revenue and Net Income of Handler Special Vehicle, 2013-2018
- Revenue and Net Income of TINAVI, 2013-2017
- Classification of Service Robots
- Development History of Service Robot
- Service Robotics Industry Development Plans of Major Countries
- Policies on Service Robot in Major Countries
- Accompanying Robot (by Application) Market Size in Japan, 2015-2035E
- Intelligent Robot Industry in South Korea, 2018
- Major Global and Chinese Manufacturers of Service Robots (by Type)
- China's Plans on Robotics Industry, 2010-2018
- Policies on Service Robot in Major Provinces/Municipalities of China, 2014-2018
- Financing Events of Major Robot Companies in China, 2017-June 2018
- Growth Potentiality of Service Robots in China
- Development Trend of Service Robots in China
- Competitive Edges of Household Service Robots in Major Countries
- Sweeping Robot VS Dust Catcher
- Sweeping Robot's Random Collision Mode VS Path Planning Mode
- Global Housekeeping Robot Market Size, 2012-2022E
- Sweeping Robot Development of Major Countries and Backbone Enterprises in the World
- Comparison of Key Sweeping Robot Manufacturers in Their Product Technologies
- Common Types of Education Robots
- Major Education Robot Companies Worldwide, 2017
- Top 10 Education Robot Manufacturers in China, 2017
- Market Shares of Education Robot Enterprises in China, 2015
- Main Research Direction of Education Robot

Selected Charts

- Major Escort Robots in the World
- Average Unit Price of Global Major Professional Service Robots (by Product), 2016-2017
- Classification of Medical Robotics and Major Companies
- Global Medical Robot Market Size, 2010-2022E
- Medical Robotics Configuration in Hospitals of Chinese Mainland, As of August 2016
- Global Major Surgical Robot Enterprises and Their Products
- Sales Volume and Value of Global Field Robots, 2010-2022
- Major Agricultural Robot Start-ups Worldwide
- TOP10 AGV Manufacturers in China, 2017
- Main Servo Motor Brands in Major Countries/Regions
- Major Servo Motor Manufacturers in China and Their Revenues, 2017
- Servo Motor Configuration of Major Service Robot Brands
- Comparison of Global Major Service Robots' Servo Parameters
- Control Types, Walking Manners and Prices of Global Major Service Robots
- Atlas Robot VS Asimo Robot
- Global Top 10 Motion Controller Brands
- Major Motion Controller Manufacturers in China and Their Revenues (RMB mln), 2017
- Lidar for Service Robot
- World's Major Lidar Producers and Applications of Their Products
- Financing of Major Radar Companies in China, 2017
- Development Course of Interactive System
- Intelligent Acoustics Supply Chain
- Speech Recognition Products of Global Speech Recognition Companies and Their Applications
- Universal Chip VS Special Chip
- Comparison of Service Robot's Operating Systems

Selected Charts

- Major Computer Vision Companies in China and Their Financing
- Revenue of iRobot (by Product), 2013-2015
- Robot Shipments of iRobot (by Product), 2014-2018
- Operating Revenue Breakdown and Structure of Fmart (by Product), 2013-2017
- Revenue and Costs of Fmart (by Marketing Channel), 2013-2015
- Robot Business Revenue, Operating Costs and Gross Margin of Fmart, 2013-2017
- Development History of Ecovacs' Cleaning Robots
- Ecovacs' Revenue Structure by Product, 2015-2017
- Ecovacs' Revenue Structure by Business/Region, 2015-2017
- Market Share of Ecovacs' Sweeping Robots in China by Online/Offline Channel, 2014-2017
- Ecovacs' Construction Projects in the Pipeline, 2018
- Revenue Breakdown and Structure of Hangzhou GreatStar Industrial (by Product), 2014-2017
- Big Events in the Development of Service Robots of Hangzhou GreatStar Industrial, 2014-2017
- Revenue Breakdown and Structure of Canny Elevator (by Product), 2014-2017
- Operating Revenue Breakdown and Structure of Canny Elevator (by Region/Country), 2014-2017
- Introduction to Service Robots of UNISROBO
- Progress in Service Robot Business Layout of Canny Elevator
- Revenue Breakdown and Structure of Shanghai Xiaoi Robot Technology (by Product), 2014-2016
- Operating Revenue Breakdown and Structure of Shanghai Xiaoi Robot Technology (by Region), 2013-2015
- Development History of Shanghai Xiaoi Robot Technology
- Operating Revenue Breakdown and Structure of Shanghai Xiaoi Robot Technology (by Channel), 2013-2015
- Revenue Breakdown and Structure of Minleo (by Product), 2016-2017
- Operating Revenue Breakdown and Structure of Minleo (by Region), 2013-2015
- Operating Revenue Breakdown and Structure of Minleo (by Channel), 2013-2015
- Technical Parameters of UBTECH Alpha Robots

Selected Charts

- Key Technical Parameters of UBTECH's JIMU Robot Series
- R&D Costs and % of Total Revenue of Intuitive Surgical, 2012-2018
- Revenue of Rewalk Robotics by Region, 2012-2018
- R&D Costs and % of Total Revenue of Rewalk Robotics, 2012-2018
- Revenue of Boshi Automation by Product, 2010-2017
- Revenue Breakdown and Structure of Boshi Automation (by Region), 2014-2017
- Revenue of Midea Group by Product, 2016-2017
- Midea's Subsidiaries Involving Robotics Business
- Revenue of Truking Technology by Product, 2010-2017
- Revenue of Jinming Machinery by Product, 2010-2017
- Research Direction of Jinming Machinery and Tsinghua University's Joint Research Center
- Revenue of Dima Industry by Product, 2010-2017
- Operating Revenue Structure of Handler Special Vehicle (by Product), 2014-2017
- Revenue Breakdown and Structure of TINAVI's Service Robots (by Product), 2013-2017

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