

**Cleaning Robots Market Shares, Strategies, and Forecasts,
Worldwide, 2010 to 2016**

**Automated Process for the Cleaning: Vacuum Cleaning, Floor
Washing, Swimming Pool Cleaning, Gutter Cleaning, and Shop
Sweeping**



Picture by Susie Eustis

MOUNTAINS OF OPPORTUNITY

**WinterGreen Research, Inc.
Lexington, Massachusetts**

www.wintergreenresearch.com

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OPPORTUNITY ABOUNDS

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Cleaning Robot Market Shares, Strategies, Forecasts, , Worldwide, 2010-2016

LEXINGTON, Massachusetts (May 12, 2010) – WinterGreen Research announces that it has a new study on: Cleaning Robot Market Shares and Forecasts, Worldwide, 2010-2016. Cleaning Robots are useful as a way to automate the manual process of keeping a rug or floor clean. Robots are needed for vacuuming, scrubbing floors, and cleaning pools. The study has 385 pages and 170 tables and figures.

Household robot market driving forces are the compelling aspects of achieving better use of time, creating more time for people. Using robots that replace manual cleaning is compelling. Robots that have been used for cleaning are very useful.

The automated process revolution in business process and communications is being extended to robots. Robots are automating cleaning systems, giving a chance to run the vacuum every day and keep the home cleaner while at the same time leaving more time for leisure activities.

The ability to remain competitive depends on innovation, an ongoing performance improvement in the areas of product development and customer support. Products from the market leading vendors continue to compete favorably. Markets have increasing competition. New products and enhancements provide ease of use. Better batteries let products run for longer periods.

The principal competitive factors in the market for cleaning robots include performance, cost of purchase, length batteries work, and total cost of system operation. The cost of unit maintenance and support is a competitive aspect. Products compete based on ease of use, integration with existing equipment, quality, reliability, customer support, brand, and reputation.

Recent robotics related innovations mean demand for robots is from a broader part of the potential customer base. Use of robots for cleaning is becoming more accepted. Products are becoming more diverse. With the technical improvements in sensors, visualization, and in the fields of robotic hobby, recreation, and warfare, robots are becoming less expensive and more adaptive to the cleaning task.

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The rise of futuristic cutting edge industries and the decline of manufacturing industries gives rise to market conditions that support the evolution of more elaborate, smaller, less expensive cleaning robots. The robot industry today is expanding from industrial areas to fields where robots can be used in the same areas with humans.

In the case of personal robots cleaning functions are accompanied by medical, welfare, education, service, and educational functions. The robot industry follows the semiconductor industry. Sales in 2010 are expected to be small compared to what will be achieved by 2020, the robot industry market overall will expand to the size of the current automotive market. Cleaning robots will achieve their fair share of this.

Technology related to robot core functioning depends on precision parts. Sensor technology is the base of research development in the field of household personal robots. World class domestic electronics is being extended with information and communication technology. Internet communications infrastructure is expected to advance the domestic personal robot market.

iRobot is among many robotics competitors giving credibility to the market. Robotics vendors illustrate how to respond to rapid change, markets are not standing still. Not satisfied with the present but endlessly concentrating investments in research and development on achieving innovation, connecting and collaborating with various service fields and putting in endless efforts to develop into the world's best robotics corporations is an attitude typical of virtually every market participant.

Cleaning robot markets at \$505.9 million in 2009 are anticipated to reach \$2 billion by 2016. Market growth is a result of demand for inexpensive units that provide users with benefits of having more time to do other things, not cleaning. Units are small and easy to use. Cleaning robots are able to move around a floor or rug in a systematic way, cleaning the entire surface.

Keywords:, Cleaning Robotics, Vacuum Cleaner Robot, iRobot Gutter Cleaning, Floor Washing Robots, Vacuum Sensors pool cleaning robot, Robotic Automatic Pool Cleaners, Stochastic Reconfiguration, Cleaner Brand Positioning, <http://www.wintergreenresearch.com/reports/CleaningRobots.htm>

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Cleaning Robots Companies Profiled

Cleaning Robot Market Leaders

iRobot
Matsutec
Roboking
Metapo Cleanmate
Electrolux
Karcher
LG

Cleaning Robot Market Participants

Aquaproducts
Bandai
Coroware
Electrolux
Hanool Robotics
iRobot
Karcher
KumoTek
Kyosho
LG
Microbric
MSI
Neato Robotics
NEC
Parallax
Samsung
Surveyor
Yujin
Zodiac Pool Systems

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Cleaning Robot Market Strategies, Shares, And Forecasts, , Worldwide, 2010 to 2016

Report Methodology

This is the 442nd report in a series of primary market research reports that provide forecasts in solar energy, robots, communications, telecommunications, the Internet, computer, software, telephone equipment, health equipment, and batteries to store energy. Automated process and significant growth potential are a priorities in topic selection. The project leaders take direct responsibility for writing and preparing each report. They have significant experience preparing industry studies. Forecasts are based on primary research and proprietary data bases.

The primary research is conducted by talking to customers, distributors and companies. The survey data is not enough to make accurate assessment of market size, so WinterGreen Research looks at the value of shipments and the average price to achieve market assessments. Our track record in achieving accuracy is unsurpassed in the industry. We are known for being able to develop accurate market shares and projections. This is our specialty.

The analyst process is concentrated on getting good market numbers. This process involves looking at the markets from several different perspectives, including vendor shipments. The interview process is an essential aspect as well. We do have a lot of granular analysis of the different shipments by vendor in the study and addenda prepared after the study was published if that is appropriate.

Forecasts reflect analysis of the market trends in the segment and related segments. Unit and dollar shipments are analyzed through consideration of dollar volume of each market participant in the segment. Installed base analysis and unit analysis is based on interviews and an information search. Market share analysis includes conversations with key customers of products, industry segment leaders, marketing directors, distributors, leading market participants, opinion leaders, and companies seeking to develop measurable market share.

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Over 200 in depth interviews are conducted for each report with a broad range of key participants and industry leaders in the market segment. We establish accurate market forecasts based on economic and market conditions as a base. Use input/output ratios, flow charts, and other economic methods to quantify data. Use in-house analysts who meet stringent quality standards. Interviewing key industry participants, experts and end-users is a central part of the study. Our research includes access to large proprietary databases. Literature search includes analysis of trade publications, government reports, and corporate literature.

Findings and conclusions of this report are based on information gathered from industry sources, including manufacturers, distributors, partners, opinion leaders, and users. Interview data was combined with information gathered through an extensive review of internet and printed sources such as trade publications, trade associations, company literature, and online databases. The projections contained in this report are checked from top down and bottom up analysis to be sure there is congruence from that perspective.

The base year for analysis and projection is 2009. With 2009 and several years prior to that as a baseline, market projections were developed for 2010 through 2016. These projections are based on a combination of a consensus among the opinion leader contacts interviewed combined with understanding of the key market drivers and their impact from a historical and analytical perspective. The analytical methodologies used to generate the market estimates are based on penetration analyses, similar market analyses, and delta calculations to supplement independent and dependent variable analysis. All analyses are displaying selected descriptions of products and services.

This research includes referencde to an ROI model that is part of a series that provides IT systems financial planners access to information that supports analysis of all the numbers that impact management of a product launch or large and complex data center. The methodology used in the models relates to having a sophisticated analytical technique for understanding the impact of workload on processor consumption and cost.

WinterGreen Research has looked at the metrics and independent research to develop assumptions that reflect the actual anticipated usage and cost of systems. Comparative analyses reflect the input of these values into models.

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The variables and assumptions provided in the market research study and the ROI models are based on extensive experience in providing research to large enterprise organizations and data centers. The ROI models have lists of servers from different manufacturers, Systems z models from IBM, and labor costs by category around the world. This information has been developed from WinterGreen research proprietary data bases constructed as a result of preparing market research studies that address the software, energy, healthcare, telecommunications, and hardware businesses.

YOU MUST HAVE THIS STUDY

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Cleaning Robot Market Shares Strategies, and Forecasts, Worldwide, 2010-2016

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