

India Robotic Vacuum Cleaner Market By Product Type (Floor Vacuum Cleaner, Pool Vacuum Cleaner, Window Vacuum Cleaner) By Sales Channel (Online, Offline), By End User (Residential, Commercial), By Region, Competition, Forecast & Opportunities, 2019-2029F

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Abstracts

India Robotic Vacuum Cleaner market in India is expected to witness a significant growth in the years 2025-2029F, due to the technological advancement in the robotics sector and the inclination of population towards hygiene and cleanliness. Robotic vacuum cleaners are widely used in various industries such as automotive, healthcare, and manufacturing. The high demand from various industry verticals as well as the adoption of advance technologies in the industry and manufacturing units are the main factors driving the growth of robotic vacuum cleaner in India.

India Robotic Vacuum Cleaner Market Scope

Robotic vacuums are autonomous vacuum cleaners equipped with a smart software program and have a limited vacuuming system with sensors and robotic drive with programmable controllers, integrated with cleaning routines. They are able to perform the tasks of a conventional vacuum cleaner with little to no human effort. Due to their compact size, they have convenient access and clean areas beneath beds, cabinets, and tables. Robotic vacuum cleaners are widely available in India and can be used to clean a variety of surfaces, such as floors, swimming pools, and windows.

India Robotic Vacuum Cleaner Market Overview

The market for robotic vacuum cleaners in India is on the rise, driven by various factors such as rising disposable income, evolving lifestyle trends, rising working women population, and the need for automation in household tasks. Various brands are offering a variety of models with different features, suction power, navigation systems, and smart connectivity options. As robotic vacuum cleaners are gradually becoming more popular, it is important to note that the market is still very niche in comparison to conventional vacuum cleaners. This is due to factors such as high cost, less awareness of the product, and concerns regarding its performance on certain floor types or obstructions in Indian households.

In 2022, research showed that the market for robotic vacuum cleaners grew 24% year-on-year (YoY), in terms of shipments during the first six months of year 2022. As people return to their workplaces after pandemic, they are becoming more aware of the advantages of robot vacuum cleaners in their household cleaning needs. Thus, during the forecasted period, the market for robotic vacuum cleaners is on the rise in India.

India Robotic Vacuum Cleaner Market Drivers

The market of robotic vacuum cleaners in India is the fastest growing category in vacuum cleaners and further expected to grow during the forecasted period. The increasing interest in robotic vacuum cleaners and rising product awareness among the population of India is expanding the market of robotic vacuum cleaners in India. In the post-pandemic market, the need for robotic vacuum cleaners has increased in India due to the increased workload of household and office work caused by the pandemic lockdown, as well as the increased awareness of hygiene. This has prompted more Indians to purchase robotic vacuum cleaners.

Additionally, factors like the ease and convenience offered by robotic vacuum cleaners by the automating cleaning process are further contributing to the increased demand of robotic vacuum cleaners in India. This convenience is especially attractive in the current era of hectic lifestyle, where people are looking for ways to simplify their household tasks. In addition, due to the rising disposable income, consumers are more willing to invest in products that enhance their quality of life. In India, there has been a steady increase in consumer awareness in robotic vacuum cleaners. This is due to the emergence of online shopping platforms and the availability of online reviews, which have enabled consumers to gain a better understanding of the advantages and capabilities of such devices.

India Robotic Vacuum Cleaner Market Trends

The robotic vacuum cleaner market in India is continuously evolving, and several new trends have emerged in recent times. Robotic vacuum cleaners have undergone a rapid transformation and innovation due to the rapid advances in technology. Today, they are equipped with a wide range of features, including Wi-Fi connectivity, artificial intelligence (AI), voice assistance, google voice assistant and Alexa compatibility, and UV sterilization. This has enabled consumers to have greater control over the product operations, allowing for improved cleaning results. For instance, Proscenic's 850T WiFi connected robot vacuum cleaner comes with IPANS (Intelligent Cleaning System) 2.0 smart cleaning system, Wi-Fi connectivity voice commands of Alexa and Google Home compatibility. As customers are expecting more innovative smart devices, different companies are adapting to the changing consumer needs by adapting to the latest technology and expanding their product lines.

In addition, the introduction of robotic vacuum cleaners which can both mop wet floors and clean them simultaneously, are expected to stimulate the market. For instance, Ecovacs deepot U2 pro 2-in-1 robotic vacuum cleaner can clean and mop floor at the same time which becomes an easy job. One can even save a map of their home for easy cleaning every time. Additionally, integration of robotic vacuum cleaners with air filters are becoming increasingly popular due to the increasing prevalence of allergies caused by pets or dust, as well as the increasing levels of air pollution in India. Hence, these new trends are expanding the market of robotic vacuum cleaner in India during the forecasted period.

India Robotic Vacuum Cleaner Market Challenges

While robotic vacuum cleaners have gained popularity in India, there are several challenges associated with their adoption and usage. The growth of the robotic vacuum cleaner market is likely to be hindered by the high cost of maintenance and installation. This will impede the expansion of the market for robotic vacuums in the forecast period. The market of robotic vacuum cleaners will be affected by the cleaner robots' low efficiency. The robot vacuum cleaner spends more time cleaning the floor of the room because of the way it works. In addition, robot vacuum cleaner is not able to hold a lot of dirt because of its small size. Robotic vacuum cleaners in India depend on battery power to perform cleaning tasks. Due to power supply problems and frequent power cuts, uninterrupted operation of these devices is challenging. Therefore, it is essential for them to have a long-lasting and reliable battery life. Hence, manufacturers and brands need to resolve these challenges by providing cost-effective and flexible solutions, investing in consumer training, enhance product features, and provide

dependable support services. Over time, resolving these issues will help in increasing the adoption and acceptance of robotic vacuum cleaner in India during the forecasted period.

Market Opportunities

India has a fast-growing middle class with increasing desires. By providing robotic vacuum cleaners at affordable prices and making their value proposition clear, brands can appeal to the middle-class who are looking for quality and convenience.

The primary target market for manufacturers in India has been the major metropolitan cities, however, there is considerable scope for expansion into the Tier 2 and Tier 3 cities. As disposable income and aspirations in these regions increase, consumers are increasingly looking for cost-effective and expeditious solutions. As a result, manufacturers can concentrate on expanding their distribution channels and enhancing availability in these unexplored markets.

Market Segmentation India Robotic Vacuum Cleaner Market

The India robotic vacuum cleaner market is segmented on the basis of product type, sales channel, end user, and region. On the basis of product type, the market is fragmented into floor vacuum cleaner, pool vacuum cleaner, and window vacuum cleaner. On the basis of sales channel, the market is segmented into online and offline. On the basis of end user, the market is segmented into residential and commercial. On the basis of region, the market is divided into North, South, East, and West.

Company Profiles

Puresight Systems Pvt Ltd. (iRobot), Eureka Forbes Ltd., Frootle India Private Limited (ECOVACS), Xiaomi Technology India Private Limited, Milagrow Business & Knowledge Solutions Private Limited, Philips India Limited, Anker Innovations Ltd.(eufy), Libra Appliances Private Limited, Shariden Private Limited (ILIFE), Turing Eastland Pvt Ltd are some of the major players in the India robotic vacuum cleaner market.

Report Scope:

In this report, India robotic vacuum cleaner market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

India Robotic Vacuum Cleaner Market, By Product Type:

Floor Vacuum Cleaner

Pool Vacuum Cleaner

Window Vacuum Cleaner

India Robotic Vacuum Cleaner Market, By Sales Channel:

Online

Offline

India Robotic Vacuum Cleaner Market, By End User:

Residential

Commercial

India Robotic Vacuum Cleaner Market, By Region:

North

South

West

East

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in India Robotic Vacuum Cleaner market.

Available Customizations:

With the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional market players (up to five).

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