

# Global Cleaning Robot Market - Forecasts from 2018 to 2023

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# **Abstracts**

The global cleaning robot market is projected to grow at a CAGR of 14.05% during the forecast period of 2017-2023. Cleaning robots are a type of service robots which are used for cleaning application of various surface including floor, pool, carpet, stairs, and grills among various others. Institutions are making use of these robotic systems to increase factory automation solutions deployed by them and the reliability and cost-effectiveness it offers. Improvement in reliability, reduction in dependence on labour and its long-term cost-effectiveness are the major factors driving its demand. In addition, countries with an ageing population such as Japan, are a major market for these robots as a substitute for domestic help. This will further add to the growing demand for cleaning robot. However, initial high cost of domestic cleaning robot for household cleaning robot will restrict the market growth over the forecast period.

By end user, the global cleaning robot market has been segmented as industrial, residential, commercial and government. The industrial segment held a significant market share owing to their efficacy of use in cleaning where the use of manual labour is either inefficient or not economically feasible. Increasing expenditure on industrial IoT solutions by manufacturing companies and rising adoption of robotics across industry verticals such as healthcare, retail, and infrastructure among others will further boost the demand for cleaning robot for industrial applications. The residential cleaning robot will record a substantial CAGR on account of the introduction of new products into the market and rising disposable income in developing countries. Improvement in the standard of living and the convenience offered by cleaning robot will further augment its demand.

By geography, the global cleaning robot market has been segmented as North America, South America, Europe, Middle East and Africa and the Asia Pacific. Each region has been further segmented into major countries of their respective regions. Europe and North America held a significant market share due to the early adoption of technology



and the presence of major companies offering new products on a regular basis. The demand for the commercial robot is high in developed regions as these organizations are looking for cost-effective solutions to improve their company profitability. The Asia Pacific region will witness impressive growth in the coming years due to the favourable government policies promoting the manufacturing industry, and an increase in demand for cleaning robot by government organizations among others.

Major industry players profiled as part of the report are Intellibot Robotics (Subsidiary of Diversey, Inc.), VTVIT (ShenZhen) Co., Limited, iRobot Corporation, Cyberdyne, Inc., Brain Corporation, Veolia, and ADLATUS Robotics GmbH among others.

Segmentation

The global cleaning robot market has been analyzed through the following segments: By Component Hardware Software Services By Type Floor Cleaning Robot Window Cleaning Robot Lawn Cleaning Robot Pool Cleaning Robot Others By End User Industrial Residential Commercial Government By Geography North America US Canada Mexico Others South America Brazil Others Europe



United Kingdom Germany France Italy Others Middle East and Africa UAE Israel Others Asia Pacific China Japan India South Korea Others



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