

Industrial Vacuum Cleaner Market - Growth, Trends, Covid-19 Impact, and Forecasts (2023 - 2028)

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Report description:

The industrial vacuum cleaner market is expected to register a CAGR of 5.2% during the forecast period. The establishment of stringent safety and hygiene standards across industries is driving the demand for industrial vacuum cleaners in the market.

Key Highlights

Pneumatic technology is the fastest-growing segment in the market as these systems operate on compressed air-driven pumps that function on Bernoulli's principle. The wide availability of electrical vacuums of different types, such as canisters, upright, and backpacks for commercial and industrial purposes, is augmenting the growth of this segment in the global market.

High labor costs and increasing complexity of operations in manufacturing stations and other industries constantly increasing the threat of injuries contribute to the increased adoption of industrial vacuum cleaners. However, high machinery costs, complex and significant structures of the machines, and lesser availability of spare parts would restrict the industrial vacuum cleaners market growth.

Furthermore, the pharmaceutical industries require maximum control of suspended substances (vapors and DUST). In addition, a high degree of hygiene, sterilization, and cleaning is mandatory to prevent contamination in laboratories, clean rooms, and production sites. Therefore, industries depend on pneumatic industrial vacuum cleaners. One such example is the industrial vacuum cleaner offered by DU-PUY. The machine is designed with stainless steel, ATEX certification, absolute class H filtration, minimum sound level, and customized modifications on the machines.

Moreover, according to the US Census Bureau, the value of US commercial building construction reached USD 91.03 billion in 2021 compared to USD 86.82 billion in 2020. Commercial construction recovery is expected to drive more demand for industrial vacuum cleaners that are likely to be used for cleaning the dust generated by cement, concrete, marble, wood, metal, aluminum, gypsum, and granite.

The outbreak of the COVID-19 pandemic affected the market for vacuum technologies in the initial months due to supply chain

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and logistics disruption. However, these solutions started to gain traction as the manufacturing units reopened after the initial stages of the lockdown. According to AltasCopco, order volumes for equipment increased during the pandemic, mainly due to increased demand for vacuum equipment in the semiconductor industry. With such a change in the vacuum equipment market, the demand for vacuum cleaners increased.

Industrial Vacuum Cleaner Market Trends

Food and Beverages Industry to Witness Significant Growth

The stringent government regulations regarding safety and hygiene in the food and beverage industry prove to be a significant driver for the growth of Industrial Vacuum Cleaners in the market.

In the food and beverages industry, industrial vacuum cleaners are not only used for cleaning the production area, production lines, ovens, and laboratories but also for the transport of powders and granules (sugar, cocoa, coffee, etc.), the suction of food waste (liquid, solid, dusty), and suction of scraps and cut-outs from packaging machines.

In 2021, consumer spending reached almost GBP 118 Billion (~USD 140 Billion) in the United Kingdom. According to gov.uk, the food industry also had a central role in the government's leveling up agenda in June 2022. It is present in every part of the country. It is the largest manufacturing sector in the United Kingdom, more significant than automotive and aerospace combined. Many market players are providing vacuum cleaners for automated cleaning processes. For instance, in February 2022, Piab launched a vacuum cleaner and gripper for food industry automation. The piSoftgrip100-4 has four gripping fingers and a vacuum cavity, allowing it to hold objects up to 100 mm wide for suction cleaning. It is made in one piece, producing a robust and straightforward product. The vacuum gripper can automate the handling and cleaning of fresh, unpackaged, and delicate food items without the risk of crushing them. The piSoftgripvacuum cleaner is a robust solution for sensitive and fragile objects. The highest risk for the food industry is food contamination. Preventing microbial and cross-contamination becomes crucial to avoid paying the heavy economic sanctions provided for those who do not abide by the rules of good manufacturing practices (GMP) or those who do not implement the HACCP protocol in the manufacturing process organization. Using industrial vacuums eliminates the possibility of food contamination; therefore, such regulations will boost the demand for vacuum cleaners.

Asia-Pacific to be the Fastest Growing Market

The rising adoption of modern technologies in industrial and commercial uses will drive the demand in the Asian-pacific industrial vacuum cleaner market. The increased demand from China, Japan, and India primarily drives the growth.

Growing industrial automation and rising demand from industrial consumers are some of the significant factors contributing to the fastest growth of the industrial vacuum cleaners market in the Asia-Pacific.

In March 2022, Dyson, the bagless vacuum cleaner inventor, announced investing SGD 1.5 billion (~USD 1.1 Billion) in Singapore over the next four years, the newest phase of an SGD 4.9 billion (~USD 3.5 billion) global investment plan.

The negative impact of COVID-19 not only on APAC but also on the rest of the world would increase the emphasis on cleanliness in workspaces. This could positively impact the growth of industrial vacuum cleaners.

Industrial Vacuum Cleaner Market Competitor Analysis

The industrial vacuum cleaner market is very competitive. The market is fragmented due to various small and large players. Some of the significant players in the market are Quirepace Limited, Delfin Industrial Vacuums, Pullman Ermator Inc., Hoover

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Commercial, Polivac International Pty Ltd, VAC-U-MAX. The companies are increasing the market share by forming multiple partnerships and investing in introducing new products to earn a competitive edge during the forecast period.

August 2021 - Alfred Karcher SE & Co. KG partnered with European Customer Synergy. In the coming years, Karcher and ECS aim to strengthen cooperation and focus on innovation, reducing operational costs for ECS and sustainability. For this purpose, Karcher provides a comprehensive, coordinated offer of cleaning machines, digital products, cleaning agents, and manual equipment. Karcher offers a software solution that digitally maps the processes relating to all tasks carried out by building service providers. Artificial intelligence enables the needs-oriented, efficient, and transparent organization of the daily cleaning sequences with vacuum cleaners and higher-level management processes.

March 2021 - RGS Vacuum Systems collaborated with Energy Group-3D printing solutions to develop the Additive Manufacturing market for the world of plastic and metal. Energy Group, a leader in technology and printers and a key player in the additive manufacturing market, has chosen RGS VACUUM SYSTEMS, reliable and competent, with its range of vacuum cleaners.

Additional Benefits:

The market estimate (ME) sheet in Excel format
3 months of analyst support

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