

The Rise of Automotive Pump Market: A \$27 billion Industry Dominated by Robert Bosch GmbH (Germany), Valeo S.A. (France)

The automotive pumps market in Asian countries has witnessed significant growth and is poised to offer compelling opportunities in the coming years.

WILMINGTON, NEW CASTLE, DE, UNITED STATES, December 2, 2024 /EINPresswire.com/ -- According to a new report published by Allied Market Research, titled, "[Automotive Pump Market](#)," The automotive pump industry was valued at \$16.4 billion in 2022, and is estimated to reach \$27 billion by 2032, growing at a CAGR of 5.5% from 2023 to 2032.



Automotive Pump Market Growth

The global automotive pumps market has seen significant growth and change due to rising fleet of electric and hybrid vehicles, stringent government regulations on emission norms. In addition, technological advancement in automotive pumps, development of autonomous vehicles presents significant opportunities for market expansion.

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The surge in the production and sales of vehicles, coupled with growing urbanization, infrastructure development, and the need for energy-efficient vehicles are driving the requirement for automotive pumps. The hybrid electric vehicle demand across the globe is anticipated to witness a strong growth rate during the forecast period due to rising environmental concerns and fuel saving. Recent technological advancement has resulted in the development of hybrid vehicle technology for SUVs and larger-size vehicles, which are significantly propelling the growth of the automotive pumps.

In addition, the market is highly competitive, with several key players dominating the industry. Prominent manufacturers focus on innovation, product differentiation, and strategic partnerships to maintain their market positions.

As international automobile manufacturers extend their reach and consumers' purchasing power for new cars grows, the demand for passenger vehicles is experiencing significant growth. Enhanced lifestyles and economic conditions are driving shifts in consumer preferences worldwide. With rising purchasing power and disposable income, increased brand visibility, and competition among OEMs to provide enhanced features, it is anticipated that the automotive pumps will experience growth during the forecast period as they are deployed in the vehicle engine to increase the overall efficiency of the cars.

The increasing disposable income in developed and developing nations, together with the ongoing advancements in infrastructure, are anticipated to drive the market growth. Commercial vehicle manufacturers such as Tata Motors Ltd., Mahindra and others, have been driven to design vehicles with lower carbon emissions as a result of growing consumer awareness of environmentally friendly transportation options. [Manufacturers are attempting to reduce size and load factors](#), innovate vehicle design, and modify vehicles in compliance with weight standards due to which advanced pumps are deployed in these vehicles.

Based on type, the fuel injection pump segment held the highest market share in 2022, registering a CAGR of 5.2% as the fuel injection pumps regulates the quantity of fuel delivered, ensuring that the engine receives the right amount of power. However, the water pump segment is witnessing a highest CAGR of 6.4% from 2023 to 2032, owing to the rise in trend toward engine downsizing to enhance fuel efficiency and reduce emissions.

Based on technology, the mechanical segment held the highest market share in 2022 registering a CAGR of 5.2% as the mechanical fuel pumps operate by using a suction mechanism to draw fuel from the tank's bottom. A diaphragm is responsible for creating this suction, and a valve prevents the fuel from returning to the tank after the pump is filled. This mechanism is very important for proper functioning of the vehicles. The electric segment is estimated to reach a CAGR of 5.9% during the forecast period owing to surge in fleet of electric vehicles. Countries such as China, India, Australia, and Japan are placing a strong emphasis on environmental awareness and the adoption of new technologies, fostering the expansion of high-performance electric vehicles.

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Based on vehicle type, the passenger vehicle segment accounted for the largest share in 2022 and is estimated to maintain its leadership status throughout the forecast period registering a CAGR of 5.8%, owing to enhanced lifestyles and economic conditions which is driving shifts in consumer preferences worldwide. The automotive pumps market is expected to experience growth during the forecast period with rise in purchasing power and disposable income, increased brand visibility, and competition among OEMs to provide enhanced features, as they are deployed in the vehicle engine to increase the overall efficiency of the cars.

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Based on sales channel, the OEM segment accounted for the largest share in 2022 and is estimated to maintain its leadership status throughout the forecast period registering a CAGR of 5.7%, as the pumps play a central role in thermal management systems, facilitating the circulation of the appropriate coolant volume. The contribution of electric water pumps in supplying coolant as required plays a key role in lowering the fuel consumption of traditional powertrains. [This increases the sales of pumps in automotive applications.](#)

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Based on region, Asia-Pacific held the highest market share in terms of revenue in 2022 and is estimated to maintain its leadership status throughout the forecast period, the implementation of numerous government campaigns, the proliferation of hybrid electric vehicle (HEV) models, and continuous improvement in battery technology are collectively propelling the automotive pumps market. However, LAMEA is expected to witness the fastest CAGR of 7.9% from 2023 to 2032, owing to rise in disposable income and increase in the production and sales of four-wheelers.

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<https://www.alliedmarketresearch.com/automotive-pump-market/purchase-options>

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- GMB Corporation
- Schaeffler Technologies AG & Co. KG
- Mitsubishi Electric Corporation
- Aisin Seiki Co., Ltd.
- MAHLE GmbH
- Aisan Industry Co., Ltd.
- Continental AG
- Valeo
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