

Pneumatic Components Market to Reach \$55.1 Billion, Globally, by 2032 at 6.4% CAGR: AMR

The global market grows with automation demand, Industry 4.0 adoption, and the need for cost-effective, reliable motion control in industrial settings.

WILMINGTON, DE, UNITED STATES, February 10, 2025 /EINPresswire.com/ -- Allied Market Research published a report, titled, "[Pneumatic Components Market](#) by Type (Air Treatment Components, Pneumatic Valves, Pneumatic Cylinders and Others), and End-use (Automotive, Construction, Aviation, Electrical, Medical and Others): Global Opportunity Analysis and Industry Forecast, 2024-2032".

According to the report, the pneumatic components market was valued at \$31.7 billion in 2023, and is estimated to reach \$55.1 billion by 2032, growing at a CAGR of 6.4% from 2024 to 2032.

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Prime determinants of growth

The pneumatic components market is driven by increasing automation in manufacturing and industrial sectors, which require efficient and reliable motion control solutions. The cost-effectiveness, simplicity, and safety of pneumatic systems in hazardous environments further boost their adoption. However, the market faces restraints such as the need for regular maintenance, potential energy inefficiencies compared to electric systems, and noise issues associated with air compressors. Opportunities lie in technological advancements, such as smart pneumatics and IoT integration, which enhance performance and monitoring capabilities. In addition, the growing industrial activities in emerging economies present significant growth prospects for the pneumatic components market.

The pneumatic cylinder segment held the highest market share in 2023.

By type, the pneumatic cylinder segment held the market share in 2023 due to their extensive



use in industrial applications requiring linear motion and force. Their versatility allows them to be employed in diverse sectors such as manufacturing, automotive, and packaging, where precise and reliable motion control is essential. Pneumatic cylinders are known for their efficiency, providing consistent performance and easy integration into automated systems. Their robust construction and cost-effectiveness further enhance their appeal, making them a preferred choice for engineers and manufacturers. This widespread adoption across multiple industries drives the dominance of pneumatic cylinders in the market, highlighting their critical role in modern industrial operations.

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The automotive segment held the highest market share in 2023.

By end use, the automotive segment held the market share in 2023 due to the extensive use of pneumatic systems in manufacturing processes, vehicle assembly, and automation. Pneumatic components are crucial for achieving precision, efficiency, and reliability in production lines, essential for high-quality vehicle manufacturing. Their ability to provide consistent and controlled motion makes them indispensable for tasks such as material handling, stamping, and welding. The drive for increased productivity and automation in automotive plants further boosts the demand for pneumatic systems. This sector's reliance on these components solidifies its dominance in the market, underscoring the importance of pneumatic technology in automotive manufacturing.

Asia-Pacific held the highest market share in 2023.

By region, Asia-Pacific held the highest market share in 2023, driven by rapid industrialization, urbanization, and expanding manufacturing sector. Countries such as China, Japan, and India are significant contributors, with high demand for automation and efficient motion control systems in industries such as automotive, electronics, and construction. Government initiatives to boost industrial productivity and the rising adoption of smart manufacturing technologies further fuel the market. In addition, the increasing focus on energy-efficient and environmentally friendly systems supports the growth of pneumatic components in the region.

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Players: -

- Sintex Industries Ltd.
- Supreme Industries Ltd.
- National Plastics
- Ashirvad Pipes
- Vectus Industries Limited
- Penguin Tank

- Niplast Storage Tanks
- Emiliana Serbatoi
- Caldwell Tanks
- Plasto Group of Companies

The report provides a detailed analysis of these key players in the global pneumatic components market. These players have adopted different strategies such as new product launches, collaborations, expansion, joint ventures, agreements, and others to increase their market share and maintain dominant shares in different regions. The report is valuable in highlighting business performance, operating segments, product portfolio, and strategic moves of market players to showcase the competitive scenario.

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