

Volumetric Filling Machines Market to Reach USD 2.6 Billion by 2035, Driven by Automation and Packaging Demand | FMI

Japan leads in manufacturing innovation, driving demand for volumetric filling machines to boost speed, precision, and automation across diverse product types.

NEWARK, DE, UNITED STATES, May 14, 2025 /EINPresswire.com/ -- The global [volumetric filling machines market](#) is projected to be worth USD 1.9 billion in 2025 and is anticipated to grow at a CAGR of 3.4% during the forecast period, reaching USD 2.6 billion by 2035. This growth is fueled by increased automation in packaging, rising demand for packaged goods, and stringent regulations regarding product accuracy and safety.



Volumetric filling machines Market

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Volumetric filling machines are gaining traction for their precision and speed in packaging. As automation grows, this market is set to expand rapidly.”

*Ismail Sutaria in Packaging at
Future Market Insights*

Volumetric filling machines are automated systems designed to fill containers with precise volumes of different substances. They use either mechanical or electronic methods to ensure uniformity in the dispensed volume. This technology helps manufacturers achieve efficiency, reduce wastage, and maintain consistency in packaging, making it an indispensable tool for various industrial applications.

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The packaging industry is evolving rapidly, driven by technological advancements and the need for efficiency and precision. One such innovation that plays a crucial role in [packaging](#)

[automation](#) is volumetric filling machines. These machines ensure accurate and consistent filling of liquids, powders, or granules into various containers, including bottles, jars, cans, and pouches.

Key Takeaways from the Volumetric filling machines Market

- The automatic volumetric filling machines segment is projected to capture a 59% market share in 2025.
- Machines with a capacity of 500 to 1000 CPM are expected to hold a 45% share in 2025.
- The pharmaceutical industry is the leading end-use sector, accounting for 51% of the market share in 2025.
- The USA is set to contribute 27.7% to the market in 2025.
- The German market is anticipated to grow at a 5.1% CAGR during the study period.
- China's industrialization and urbanization are driving the growth of manufacturing sectors, particularly in food & beverage, pharmaceutical, and cosmetics industries.

Growing Demand for Precision and Automation in Packaging

Volumetric filling machines play a crucial role in packaging industries, ensuring that liquids, powders, and granules are dispensed accurately into containers such as bottles, jars, cans, and pouches. The increasing emphasis on product consistency, quality control, and automation is fueling the demand for these machines.

Industries such as food and beverages, pharmaceuticals, cosmetics, and chemicals require precise filling technologies to maintain uniformity in packaging while minimizing product wastage.

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Key Driving Factors of Volumetric Filling Machines Market

- Increased Demand for Accurate and Efficient Filling: As industries require more precise and efficient filling of liquids, pastes, and creams, volumetric filling machines provide high accuracy and consistency, driving their adoption across sectors such as food & beverage, pharmaceuticals, and cosmetics.
- Automation and Industry 4.0 Integration: The integration of automation and IoT technologies into volumetric filling machines is enhancing their capabilities, improving productivity, and reducing labor costs. This trend is accelerating market growth as manufacturers seek smarter and more efficient filling solutions.
- Rising Demand for Consumer Packaged Goods: The growth in consumer packaged goods (CPG) sectors, including food & beverages and pharmaceuticals, has significantly increased the demand for volumetric filling machines. These machines offer the speed and flexibility needed

to handle varying product types and packaging requirements.

- **Cost Efficiency and Reduced Waste:** Volumetric filling machines are known for their ability to minimize product wastage and ensure optimal use of resources. This cost efficiency is a key driver, especially as businesses seek ways to cut operational costs and improve sustainability.
- **Regulatory Compliance and Product Safety:** With strict regulations in industries like pharmaceuticals and food & beverage, volumetric filling machines ensure compliance with regulatory standards related to hygiene, product consistency, and labeling, boosting their demand in regulated markets.

Competitive Landscape

The volumetric filling machines market is highly competitive, with several key players investing in R&D to develop advanced solutions. Some prominent companies in the market include:

- SP Filling Systems
- Karmelle Liquid Filling & Capping Solutions Limited
- THE ADELPHI GROUP OF COMPANIES
- Brothers Pharmamach India Pvt. Ltd.
- Flow Tronix
- Lodha International LLP
- Yamato Corporation
- OPTIMA Packaging Group GmbH
- Universal Filling Machine Company
- APACKS

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Volumetric filling machines Market: Segmentation

The market has been studied based on segments, including machine type, operating speed, end-use, and region.

By Machine Type:

With respect to machine type, the market is segmented into automatic, semi-automatic, and manual.

By Operating Speed:

By operating speed, the market is classified into less than 500 CPM, 500 to 1000 CPM, and above 1000 CPM.

By End-use:

Based on end-use, the market is divided into pharmaceuticals, chemicals & fertilizers, cosmetics & personal care, and food & beverage.

By Region:

From the regional standpoint, the market is segregated into Latin America, Asia Pacific, the Middle East & Africa, North America, and Europe.

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The global flip-top caps and closures market is estimated to account for USD 2.7 billion in 2024. It is anticipated to grow at a CAGR of 4.1% during the assessment period and reach a value of USD 4.1 billion by 2034. - <https://www.futuremarketinsights.com/reports/flip-top-caps-and-closures-market>

The Wine Bag Market size expects a considerable valuation bump from USD 139.8 million in 2024 to USD 208.9 million by 2034. - <https://www.futuremarketinsights.com/reports/wine-bags-market>

The tamper evident packaging market size is estimated to be worth USD 1,948.6 million in 2025 and is anticipated to reach a value of USD 2,775.4 million by 2035. - <https://www.futuremarketinsights.com/reports/tamper-evident-packaging-market>

The global sales of cup fill and seal machine are estimated to be worth USD 2,040.1 million in 2025 and anticipated to reach a value of USD 2,586.1 million by 2035. - <https://www.futuremarketinsights.com/reports/cup-fill-and-seal-machine-market>

The global industrial paper shredder machine market is expected to register over USD 1 billion by 2024. International security standards and data confidentiality are expected to drive the revenue to USD 1.4 billion by 2034. - <https://www.futuremarketinsights.com/reports/industrial-paper-shredder-machine-market>

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