

PRESS ARTICLE

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Sidel EvoFILL PET – the ultimate answer to enhanced water quality in a reduced footprint



Sidel introduces EvoFILL PET - its new filler for water and still beverages. The compact new design offers enhanced hygiene and quality, while also improving sustainability and contributing to a reduced total cost of ownership.

With the EvoFILL PET, packaging solutions leader Sidel has taken a further step forward with its filling innovations. The space-saving filler can handle high production speeds of up to 90,000 bottles per hour (bph) with a footprint that is 15 percent smaller.

“The simplified configuration of the EvoFILL PET, which includes a reduced number of transfer star wheels and a more compact front table and process unit, makes it easier to operate, maintain and clean,” explains Tommaso Tegoni, Product Manager Filling, at Sidel. “These factors contribute to optimal hygiene, which is very important to all our customers. Its unique architecture makes it best-in-class.”

Made for a growing market

The water industry is expanding rapidly, especially in countries like China, India, and Turkey, where it's the fastest-growing category driving PET growth. Consumer packaging choices are influenced by various factors, including ergonomic needs, lifestyle preferences, sustainability claims, and budget constraints. Customers must also consider local legislation, product positioning, logistics, and evolving consumer perceptions. Notably, family pack consumption is on the rise, while single-serve formats are decreasing. Health and price remain key considerations for bottled water.¹

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Controlled environment enhances quality

The ergonomic design ensures a consistent and repeatable performance that can be used by operators of all skill levels. EvoFILL PET's reduced filler enclosure offers a controlled environment for flowmeter contactless filling, assuring product safety and quality, while preserving bottle integrity with gentle neck handling. Starting at 24 and ranging up to 144 filling valves, with various pitch and filler diameter sizes, EvoFILL PET can handle a wide range of speeds as well as bottle sizes from 0.1 to 10 litres.

Flexibility in multiple configurations

Format changeovers have been further simplified in both manual and automatic modes and can be performed in less than five minutes. The filler can be integrated within Sidel's Combi and Super Combi complete systems and can also be linked with the company's Evo-ON® digital intelligence platform to monitor and improve all aspects of the filling parameters and performance.

Improved productivity and sustainability

EvoFILL PET has been designed to enhance productivity on PET water bottling lines. The improved accessibility enables faster format changeovers and cleaning operations, reducing downtime. Cleaning has also been made more sustainable: the integrated CIP system reduces energy by around 25 percent², while also cutting both water and chemical consumption by 12 percent³ for external cleaning. The EvoFILL PET's compact size brings further sustainability benefits, with fewer components enabling less maintenance operation.

Lower TCO assured

EvoFILL PET's new design, lower operational costs and reduced planned downtime all add up to a lower total cost of ownership (TCO). EvoFILL PET is robustly built for an extended lifespan, enabling customers to count on its reliable operation – with efficiency rates of up to 99 percent – for years to come.

Find out more about EvoFILL PET and how you can access this kind of support for your business on the [Sidel website](#).

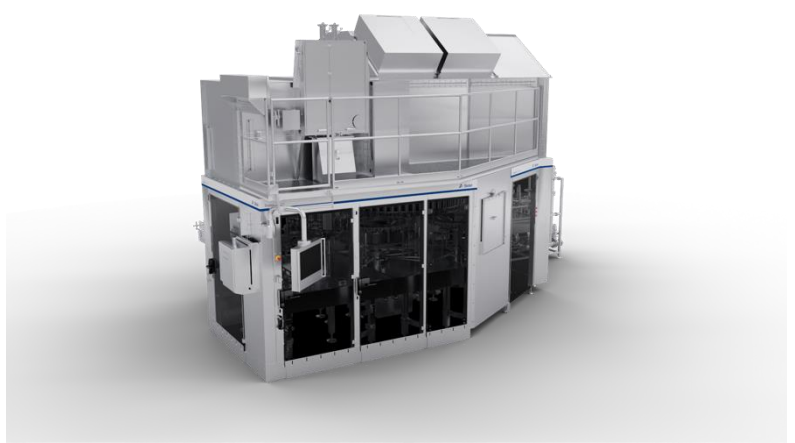
Ends.

¹ (sources: *Mintel Market Sizes and Lightspeed/Mintel*)

² *Installed power from 120kW to 90kW vs previous models*

³ *Evaluation based on 3 step COP process – bottle way, average filler size (Dp2880)*

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Editor's Notes:

Sidel has been a pioneer in PET filling since 1987 when it designed its first PET filler. Its subsequent series of improvements in handling and electronic filling has continuously enabled Sidel's customers to stay ahead in this demanding market.

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Sidel is a leading global provider of packaging solutions for beverage, food, home and personal care products in PET, can, glass and other materials.

Based on over 170 years of proven experience, we help shape the factory of tomorrow, through advanced systems and services, line engineering, eco-solutions, and other innovations. With over 40,000 machines installed in more than 190 countries, Sidel has 5,000+ employees worldwide who are passionate about providing equipment and service solutions that fulfil customer needs.

We continuously ensure we understand the evolving business and market challenges our customers face and commit to meeting their unique performance and sustainability goals. As a partner, we apply our solid technical knowledge, packaging expertise and smart data analytics to assure lifetime productivity at its full potential.

We call it **Performance through Understanding**.

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