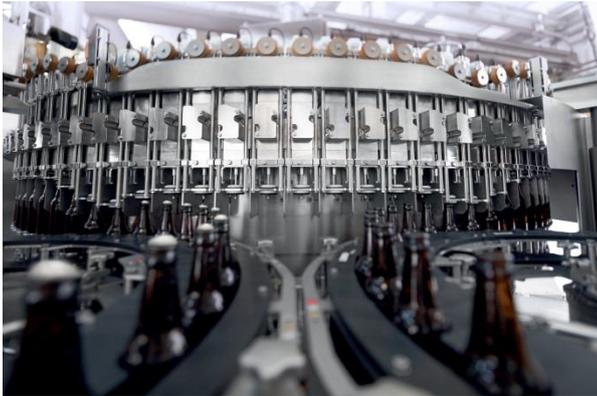


PRESS ARTICLE

07/05/2019

Expanding flexibility of premium drinks with Sidel's new EvoFILL Glass



The market for glass bottles is estimated to continually thrive over the next few years. This especially holds true for the beer market but also for other categories, such as Water, Juices and Carbonated Soft Drinks (CSD). To keep abreast of this development and adapt to the ever more rapidly changing market and product trends, manufacturers expect new solutions, which offer high production flexibility, while at the same time guaranteeing maximum quality for their premium products. These needs can be met with one innovative and flexible solution – Sidel's EvoFILL Glass.

The look and feel of excellence

CSD represent an important drink category, showing positive trajectories globally, with USA, Mexico and China being the top countries per billion units. Players active in this segment are now selling value to consumers, rather than volume, by proposing smaller sizes, new packs and therefore contributing to the proliferation of SKUs. Beer on the other hand remains the largest category within the alcoholic beverage segment, representing more than 75% of the volume of alcoholic beverages produced globally. Most of the breweries still prefer to use glass bottles, with more than 58% of the global production done in glass, whilst also increasingly tending to the diversification of packaging.¹ The glass bottle, with its high premium look and feel, therefore needs a filling that can ensure that the quality of the product inside matches the quality of the packaging on the outside.

¹ Euromonitor June 2018

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“EvoFILL Glass marks the latest milestone in Sidel’s filling portfolio. Product quality and an advanced level of versatility are more and more driving the development of our innovations. Our new solution is flexible, hygienic and sustainable, helping manufacturers to get ready for the upcoming challenges in premium drinks production,” declares Stefano Baini, Product Manager Filling at Sidel.

Highest hygiene and precision: the keys to quality

EvoFILL Glass especially stands out with a number of features which guarantee highest performance in the bottling process. First, the filling level is controlled by level probes, ensuring very high accuracy and flexibility: this is made possible by managing a wide range of filling set points without any adjustment or replacement of parts. In addition, by using swirling in the product deflection into the bottle, low foaming is secured, therefore contributing to production efficiency.

Furthermore, EvoFILL Glass has been engineered according to top hygienic standards. The new design includes the “no base” architecture, the new drive system with servomotors, and – especially – its external beverage tank and integrated small product chamber. Overall, its features ensure the easiest operations during production and maintenance, while helping manufacturers deliver the highest quality products to their consumers.

Maximum uptime through unlimited flexibility

The EvoFILL Glass especially supports brewers by managing to hold the dissolved oxygen pick-up down to 10 ppb and by processing a wide range of filling levels without the need for probe adjustments for enhanced uptime and top product quality. Additionally, with 48 to 192 valves on the filling carousel, manufacturers are able to handle a wide range of speeds – from 25,000 to over 80,000 bottles per hour² – and bottle sizes from 200ml up to 1L. Fast changeover time for different bottle diameters is ensured by the re-designed handling parts, which are now lighter and smaller. This results in changeover time shorter than 30 minutes with one operator. Also, the bottle height changeovers are fully automatic for maximum productivity. A 98.5% efficiency and possibility to handle a broad spectrum of drink types and filling temperatures are only some proof points of the excellent productivity that EvoFILL Glass delivers.

Crowning outstanding performance

The ultra-clean crowner manufactured by Sidel, with its open design and off-set crowning ring, adds further performance to the bottling process with no internal lubrication needed. The stainless-steel construction with its dedicated nozzles for the washing of the crimping area

² Beer, 330ml bottle

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underlines the high focus on optimal hygiene and product safety. The solution features an upgraded washing system with three washing areas for maximum safety in case of bottle burst. Sidel EvoFILL Glass is perfectly complemented by the Gebo OptiFEED® crown feeder, delivering quality and compliant crowns, in a compact space. This is achieved via its integrated vision device, allowing unsuitable crowns to be spotted and seamlessly ejected, without stopping the flow.

Whilst developing the OptiFeed solution, sustainability was high on the agenda of the design team. As a result, the solution removes the need for air and thereby eliminates the risk of contamination that can sometimes occur during usage. Instead, mechanical discharge moves the crowns, keeping electrical power consumption to under 1kW. This creates a smooth handling process and improves hygiene while reducing the environmental impact.

More information on Sidel EvoFILL Glass: sidel.com/evofillglass.



The re-designed handling parts, which are now lighter and smaller, ensure a changeover time shorter than 30 minutes with one operator.



EvoFILL Glass has been engineered according to top hygienic standards. Its “no base” architecture results in easier operations during production and maintenance, while helping manufacturers deliver the highest quality products to their consumers.

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

With over 40,000 machines installed in more than 190 countries, we have nearly 170 years of proven experience, with a strong focus on the factory of tomorrow with advanced systems, line engineering and innovation. Our 5,500+ employees worldwide are passionate about providing solutions that fulfil customer needs and boost the **performance** of their lines, products and businesses.

Delivering this level of performance requires that we stay flexible. We continuously ensure we **understand** our customers' changing challenges and commit to meeting their unique performance and sustainability goals. We do this through dialogue and by understanding the needs of their markets, production and value chains. In turn, we apply our solid technical knowledge and smart data analytics to ensure lifetime productivity reaches its full potential.

We call it **Performance through Understanding**.

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