



FILLING

EVOFILL GLASS

Excellent drinks unlimited flexibility

Sidel's latest glass filler, EvoFILL Glass, is the most technologically advanced level probe filler for glass bottles, which combines the best hygienic conditions with a greater flexibility, sustainability and performance level. This results in outstanding product quality and the lowest TCO.

With 48 to 192 filling valves on EvoFILL Glass carousel, beer, CSD and JNSDIT manufacturers are able to handle a wide range of speeds and bottle sizes, from 200 ml up to 1 L. Beverage and filling temperature flexibility is no

longer an issue. Without compromising the performance of the line, running at over 80,000 bottles per hour, beer can be filled up to 18°C and CSD over 20°C. For utmost hygiene, EvoFILL Glass features an external beverage tank and an integrated small chamber. This concept ensures a better and more effective cleaning of all parts that come into contact with the beverage. Plus, the chamber is completely full and accommodates the product only, for easier cleaning and reduced costs of maintenance.

INCREASED HYGIENIC CONDITION

- Allows a wider range of even more sensitive products (flash-pasteurized beer, filtered beer, non-alcoholic beer, low carbonated soft drinks, ...)
- New "no base" basement ensures easy cleanability and no product residues in the filling environment
- New drive system - servomotors - means no mechanical transmission, no need of lubrication, no moving parts in the filling area
- Integrated pneumatic box on each filling valve: no pneumatic pipes in the filling environment
- External beverage tank and chamber: better, more effective cleanability of all parts in contact with the beverage. Full beverage chamber means that all surfaces are perfectly reachable and cleaned (no wet and dry separation)
- Reduced top surfaces of handling parts, all parts fully cleanable

TOP QUALITY PRODUCTS

- Dissolved oxygen pick-up 50 ppb with 270 gr/hl of CO₂ consumption (beer, 330 ml bottle)
- Loss of carbonation ≤0,2 vols
- Filling temperature from 2° to over 20°C

REDUCED TCO

- Efficiency 98,5%
- Water and chemicals saving for cleaning
- Reduced CO₂ consumption – related to oxygen pick-up (beer)
- Planned downtime saving (cleaning, maintenance, changeover)
- Energy saving (higher filling temperature, servomotors)



Level probe technology enables enhanced accuracy and flexibility to handle different bottle sizes without any changeover



Sidel Ultra Clean crowner ensures utmost hygiene and top ergonomics

SUPER ERGONOMIC DESIGN

- New "no base" basement has a super accessible design allowing the operator easy changeover and maintenance
- New drive system ensures better accessibility (no mechanical transmission)
- New handling parts design is sector-based star wheels and guides, reducing weight and dimensions, so that replacement operations are smooth and easy

OUTSTANDING PERFORMANCE

- Filling accuracy from 1 to 2,5 mm S.D. (according to bottle shape)
- Filler range (# filling valves): from 48 to 192
- Outputs: from 25,000 bph and over 80,000 bph (beer, 330 ml bottle)
- Bottles range: from 200 ml up to 1 L
- Fast changeover time required for different bottle diameters (less than 30 minutes)
- Fully automatic bottle height changeover
- Possibility of filling carbonated and still products
- The versatility of beverage types and filling temperatures has very limited impact on speed

ALL NEEDS, ALL SIZES

| Filler Diameter (mm) | Filling valves (n°) Pitch 94 mm | Filling valves (n°) Pitch 113 mm |
|----------------------|------------------------------------|-------------------------------------|
| 2160 | 72 | 60 |
| 2520 | 84 | 70 |
| 2880 | 96 | 80 |
| 3240 | 108 | 90 |
| 3600 | 120 | 100 |
| 4320 | 144 | 120 |
| 5040 | 168 | 140 |
| 5760 | 192 | 160 |