



Performance
through
Understanding

 Sidel

FILLING

EVOFILL CAN

Top quality products at an advanced performance level

EvoFILL Can, is the most technologically advanced filler for cans, which combines the best hygienic conditions with a greater flexibility, sustainability and performance level. Without compromising the performance of the line, running at over 130,000 cans per hour, beer can be filled up to 18°C and CSD over 20°C. It fills CSD at ambient temperature and still drinks in hot-fill via a single piece of equipment.

Addressing top hygienic requirements, EvoFILL Can's

"no base" design, which as a whole is very accessible, ensures an overall easy cleaning and no residual of product in the filling environment. The solution's improved CO₂ pre-flushing system results in utmost food safety, as there is no residue and a cleaner zone. Consuming less CO₂ in total, this feature improves beverage quality and leads to greater performance. For beer producers, this means lower O₂ pick-up, down to 30 ppb, nonetheless saving resources.

INCREASED HYGIENIC CONDITION

This patented technology ensures:

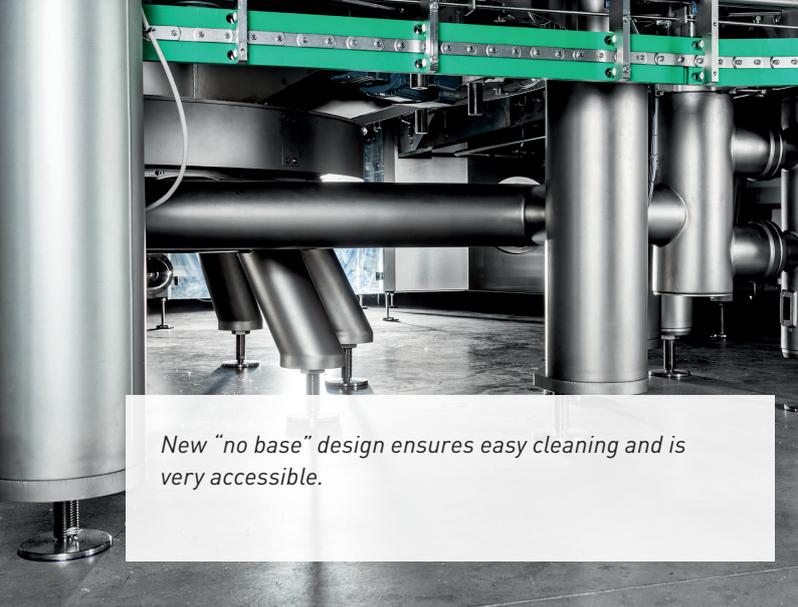
- Allow a wider range of products even more sensitive (flash pasteurized beer, filtered beer, non alcoholic beer, low carbonated soft drinks,...)
- New "no base" basement ensures easy cleanability and no residual of products in the filling environment
- New drive system - servomotors - means no mechanical transmission between the filler and the seamer, 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 and 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
- No water required for rollers lubrication means:
 - No risk of water dripping during filling
 - No water residual inside the filling environment

TOP QUALITY PRODUCTS

- Dissolved oxygen pick-up 30 ppb with 600 gr/hl of CO₂ consumption (beer, 330 ml can)
- Loss of carbonation $\leq 0,2$ vols
- Filling temperature from 2° to over 20°C
- Single or double can infeed for very high speed ensures improved can quality - less stress - less damages (double infeed)

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 sectors based starwheels and guides, reducing weight and dimensions, so that replacement operations are smooth and easy



New "no base" design ensures easy cleaning and is very accessible.



For maximum uptime, the integrated pneumatic box – an industry first – allows for easier maintenance and a very clean filling environment

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)

OUTSTANDING PERFORMANCE

- Filling accuracy 1 ml S.D. (≤500 ml can)
- Filler range (# filling valves): from 54 to 182
- Outputs: from 40,000 cph up to 130,000 cph
- No downtime for can-end change
- Can be coupled with major seamers
- Special pitches, for big cans, available on demand
- Cans range: from 150 ml up to 1 L
- Fast changeover time required for different can diameters (less than 30 minutes)
- Fully automatic can height changeover
- No changeover time required for different can-ends (from 200 to 209)
- Possibility of filling carbonated and still products
- Possibility of versatile CSD and HF
- The versatility of beverage types and filling temperatures has very limited impact on speed

ALL NEEDS, ALL SIZES

Filler Diameter (mm)	Pitch (mm)	Filling valves (n°)
2160	126	54
2160	103	66
2160	87	78
2520	87	91
2880	87	104
3240	87	117
3600	87	130
3960	87	143
4320	87	156
4680	87	169
5040	87	182