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 ≤0,2 vols
- Filling temperature from 2° to over 20°C
- Single or double can infed for very high speed ensures improved can quality - less stress - less damages (double infed)

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

sidel.com/eovfillcan
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 seammers
- 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**

<table>
<thead>
<tr>
<th>Filler Diameter (mm)</th>
<th>Pitch (mm)</th>
<th>Filling valves (n°)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2160</td>
<td>126</td>
<td>54</td>
</tr>
<tr>
<td>2160</td>
<td>103</td>
<td>66</td>
</tr>
<tr>
<td>2160</td>
<td>87</td>
<td>78</td>
</tr>
<tr>
<td>2520</td>
<td>87</td>
<td>91</td>
</tr>
<tr>
<td>2880</td>
<td>87</td>
<td>104</td>
</tr>
<tr>
<td>3240</td>
<td>87</td>
<td>117</td>
</tr>
<tr>
<td>3600</td>
<td>87</td>
<td>130</td>
</tr>
<tr>
<td>3960</td>
<td>87</td>
<td>143</td>
</tr>
<tr>
<td>4320</td>
<td>87</td>
<td>156</td>
</tr>
<tr>
<td>4680</td>
<td>87</td>
<td>169</td>
</tr>
<tr>
<td>5040</td>
<td>87</td>
<td>182</td>
</tr>
</tbody>
</table>

sidel.com/evofillcan