



Performance
through
Understanding



INTEGRATED BLOWING-FILLING-CAPPING SOLUTION

COMBI FOR EDIBLE OIL

Footprint reduction, high hygiene and flexibility.



FOOD

Built from the very first roots of Sidel, our holistic approach to the edible oil-bottling environment contributes to deliver the high level of performance you need.

2 leading Brands to better serve Edible Oil producers:

Our Blowing-Filling-Capping Combi solution for Edible Oil and Sauce & Dressings combines the Blow-Molding expertise of Sidel with the Weight Filling & Capping know-how from Serac.

How do we reach the perfect fit for your complete line for edible oil?

- Innovative & cost-driven packaging design solutions
One stop-shop guaranteeing a 90% line efficiency
- Unique interlocutor with full responsibility (packaging & manufacturing)
- Leading-edge equipment and State of Art technology
- Asset optimization along the line lifecycle

WHY A COMBI?

Overall reduction of possible impacts on the final product

- Optimal bottle kinematic with minimized risks of cross contamination thanks to 100% positive neck transfer, electronic synchronization
- Footprint reduction up to 30% thanks to minimum number of equipment & conveying
- 95% full system efficiency
- Reduced manpower : only 1 operator for the Combi
- Modular design ready to accept future upgrades coping with new requirements
- Better quality for empty bottle transferring with scrape rate of 0,3 %
- Saving in energy and fluids (up to 20%)
- Less maintenance and spare parts (up to 15%)
- Downtime for changeover reduced by up to 30%: quick change / less equipment





SHAPED BOTTLE BLOWING

High bottle quality and integrity thanks to robust and qualified blowing technology

- Fast & easy changeover: less than 40 seconds per mould
- Bottle switch mould and pedestal (Tool-less operations)
- Electrical savings in the oven (up to 45%)
- Oven heating time lowered thanks to ceramic wall & oven top reflectors (up to 15%)
- Bottle light weighting possibilities
- No heating-related neck deformation with neck-down heating technology
- Rocking hopper cover, UV lamps & ionized air system to ensure reliable and hygienic preform feeding



WEIGHT FILLING

Most accurate technology for filling edible oil:

- Guaranteed nominal quantity of filling, with 0,5g deviation for a 1000g bottle
- Permanent Weight Control detecting abnormalities of filling (deformed package...)
- Unique technology embedding the control of the quantity after filling
- System auto adaptation to intrinsic changes of the product during production cycle
- No dripping, no splashes thanks to valves with efficient nozzle technology



CAPPING

Perfect capping with different options whatever the speed of the machine:

- High autonomy on cap infeed
- Driving elements of the screw capper outside the filling zone to eliminate the risk of contamination
- Electro Pneumatic torque control on each individual head.
- Device fitted to the star wheel to ensure bottle stability and secure capping torque.
- Anti-rotating device
- Cap changeover in 15 minutes
- Integrated bottle rejection system to reduce overall footprint

