

Press Release

Filling machines / Packaging

The core filler capper of Serac's range redesigned to offer new benefits

The redesigned filler-capper is being rolled-out in Europe, Middle East and Africa offering Serac's customers improved level of quality, hygiene and flexibility at controlled costs.

Redesign to TCO

The redesign of Serac's best-selling filler capper aimed at providing improved performance while reducing the total cost of ownership for the end-user. Improvements include faster manufacturing and on-site installation, increased compactness for a higher productivity per square meter, as well as easier operating, cleaning, changeovers and maintenance for a higher OEE.



Figure 1 : A more compact design

Focus on dosing accuracy and hygiene

The machine still uses the weight-filling technology, known for its precision, reliability and cleanliness. Dosing cleanliness is further improved by using an analog probe which ensures real-time monitoring and filling of the tank in order to optimize the gravity flow.

In terms of hygiene, improvement comes from a single low point, new gutters, an automatic positioning of the washing manifold and tank protection against dust. All these new features contribute to a much easier cleaning.

Highly versatile and easily scalable

The machine is fully equipped with brushless drives (timing screws, turret engines, capping screw and capping up/down) to increase versatility and accuracy. The dosing axis benefits from a motorized up/down of the filling turret as well as from a flexible product supply pipe and thus easily adapts to any bottle height.

Many options are available such as, for example, a pressurized tank, an automatic dry CIP system or a high-speed capper for pump bottles. All these options can be added at any time to scale up the packaging possibilities of the machine.

Ideal for block units

The independently driven timing screws and turret engines make the machine even more easy to block with unscramblers, blowers or labelers featuring different pitches. It is thus an ideal core machine to avoid or significantly reduce the use of conveyors, hence leading to a smaller footprint.

Block units are particularly suitable for unstable bottles and top down shapes normally handled with pucks or sticking PET bottles.



Figure 2 : Brushless containers entry timing screw

After having delivered some 20 machines in EMEA with very positive feedback, Serac is now considering standardizing this new design.

About Serac group

Serac group designs, assembles and provides packaging solutions to industrial companies and end-users, mainly in dairy products, sauces, edible oil, home and personal care products.

It comprises 10 commercial offices located in France, Brazil, USA, Malaysia, Indonesia, Russia, Japan, China, Spain, England and 6 factories in France (3), Brazil (1), U.S.A. (1) and Malaysia (1).

Serac has installed more than 5 000 packaging solutions in over 100 countries.

Serac's strategy is to differentiate ourselves from competitors by taking advantage of what makes us shine: a unique model, structured around a highly international commercial and industrial presence in all markets.



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