

THE VERSATILE AND EVOLUTIVE ROTARY FILLER-CAPPER FOR ALL YOUR LIQUID PRODUCTS!



Filling and Capping

- Clean and accurate filling
- Long life
- Excellent cleanability

Containers: Containers from 100g to 60kg

Material: PET, PP, PS, Aluminum, Glass, ...

Output: up to 700 containers per minute (42,000 bph)
depending on volume and product type.

About the RB machine

Electronic weigh filler-capper, made of 304 stainless steel and designed to fill a wide variety of products into various containers sizes and shapes. Our rotary weigh fillers are the ideal solution to fill any homogeneous liquid products, including food, fragile, abrasive, corrosive or inflammable products.

Technical characteristics

Filling

- Net Weight Control of the filling, which is extremely accurate and consistent
- Stable and Repeatable Product Filling that automatically adjusts to compensate for variations in Aeration, Temperature or Viscosity of your product
- Reduced Product Wastage or give away leading to increased profit
- Clean Filling with minimum foam creation or risk of drips/stringing from the nozzles after filling.

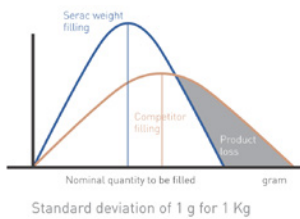
Capping

- Excellent repeatability and homogeneity of the capping torques at all speeds
- Quick format changeover with no tools required
- High versatility to multiple capping needs
- Reliable and smooth cap handling with no rotation during pick-up
- No manual torque adjustments with centralization on the HMI.

Markets

- Dairy products
- Household products
- Personal care
- Oils & sauces
- Beverages
- Automotive products
- Paints & thinners
- Agrochemicals

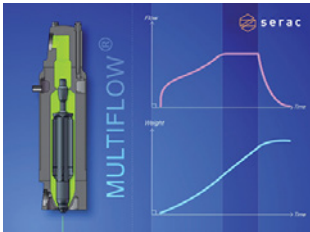
Advantages



Savings through reduced product giveaway due to high fill accuracy

The net weight fillers of Serac can be expected to save a considerable amount of product for the manufacturer through reduced product waste due to high fill accuracy. An accuracy of approx. 1g/liter (1 sigma standard deviation) can be expected! The savings often completely offset by the price of the machine in a few years of operation.

Weight filling is the only filling technology that controls the amount of product as it fills the bottle, not after!



Automated product change-over

With the new version of nozzle, there is no need to compromise between foamy and viscous products on the same filling line.

The operator simply selects the product & package from the machine interface to adjust the filling cycles. There is no calibration required, no settings to alter and downtime is considerably reduced.

Multiflow nozzles and FCS+ HMI are the ideal combination for clean filling of foamy products.



Quick format changeovers

Serac uses the Single Minute Exchange of Die-SMED-methodology to optimize both the accuracy of machine settings and the change-over speed.

- No "trial & error" settings necessary
- No tools
- Quick identification using color codes
- Made of HDPE or stainless steel

Plug-on: Ultra-rapid container circulation tool change system.

Options

- Pneumatic or brushless copper
- Enclosed cabin and sterile air generator
- Brushless synchronization with other equipment
- Web access to key production indicators
- ATEX protections
- Corrosive resistant material with PP or PE parts
- OIML Weight and measurement certification
- Bi-color tanks for sequence filling
- ...

Discover the RB machine on video on our YouTube channel



High-Speed Bottle Filling and Sealing Machine with Hot Water Rinsing for One Shot Probiotic Drinks



Sauce Filling Machine for Ketchup & Mayonnaise into Jars



Shampoo Filler-Capper with fully automatic Clean-In-Place



ATEX-compliant Filling and Capping Machine for Hydro-Alcoholic Gel (Hand Sanitizer)



CREATING
PERFORMANCE
Together

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