

SAPOF Series

Semi-Automatic Pressure Overflow Filling Machines

Key Features:

- Two or four head configurations available
- Self centering adjustable bottle locators
- Sanitary stainless steel construction
- Quick container changeover
- Spring loaded positive off nozzles
- One button auto program
- Micro processor controlled
- Job memory feature with 99 jobs
- Foot pedal operation
- Food grade contact parts & and liquid connections
- Stainless steel nozzles
- Food grade pneumatic pump

Options:

- Pump controlled feed tank
- Neck support
- All pneumatic operation
- Buffer tank
- Upgraded contact parts
- Pump upgrades
- Various nozzle sizes



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ACCUTEK
Packaging Equipment Companies, Inc.

SAPOF Series

Semi-Automatic Pressure Overflow Filling Machines

Semi-Automatic Pressure Overflow Fillers (SAPOF) allow customers to produce visually appealing and consistent fill levels regardless of container shape or irregularities. Bottle molding and forming techniques can cause minor inconsistencies in the size or shape of a container. The **SAPOF** machines compensate for these minor changes and variations in the container allowing for a uniform fill level. These machines can accommodate all types of containers comprised of rigid plastic, metal, and glass from ounces to gallons.



Overflow fillers like the **SAPOF** machines are also very adept for filling foaming liquids such as shampoos, soaps, or industrial cleaners. The same unique nozzle design that allows for uniform fill levels is also used to eliminate the foamy overflow.

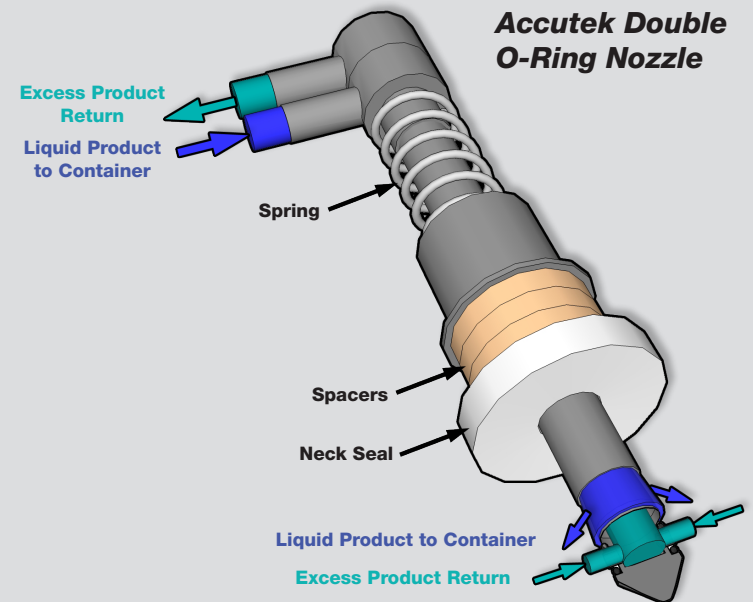
The **SAPOF** units are very easy to setup and maintain. Each machine features a washdown design and a microprocessor controller that can record job settings for fast and simple changeovers. Accutek can also provide a number of optional contact parts for a variety of product types from water and juices to free flowing industrial chemicals.

The **Accutek Semi-Automatic Pressure Overflow Fillers** are multipurpose machines perfect for filling aqueous liquids and are a great cost effective addition to any filling operation.

Recommended products this machine can fill:

Water, fruit juices & extracts, liquid tea, liquid coffee, food coloring, vegetable oil, milk, tomato juice, some salad dressings, perfumes, essential oils, ink, thin liquid soap, shampoo's, light makeup remover, motor oil, urethane, silicone, urine, alcohol, and other similar free flowing liquids.

1 Fill speed is dependent on several things: model, operator, container dimensions, and product characteristics.
2 Optional parts of programming may be needed to match the specialty product specifications.



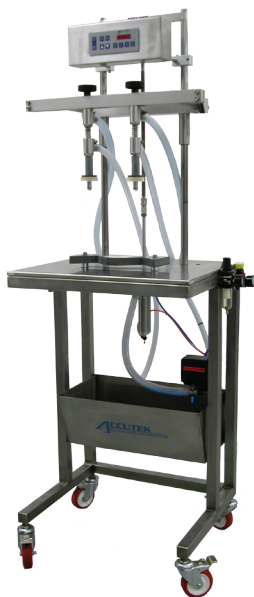
The Overflow Nozzle

Pictured above is the Accutek Double O-ring Overflow Nozzle. Overflow nozzles work by means of a spring loaded filling valve that is opened as it makes contact with the opening of the container. This is achieved by lowering the nozzle down on top of the container. When the contact pressure is sufficient, the spring opens the filling valve and liquid product is delivered to the container from the supply tank. Simultaneously, any air or foam from filling turbulences is forced out through the excess product return port. Excess liquid product will continue to fill the container and overflow through the return port until the diving head retracts and the spring closes the filling valve. Dripping is prevented because the valve shuts before it is completely removed from the container and positioned for the next fill. Accutek also makes a single O-ring nozzle, however this nozzles flow and return are reversed. If you would like to learn more about overflow filling principals [click here to visit the Accutek web site.](#)



SAPOF-2

Semi-Automatic Two Head Pressure Overflow Filler



Unit Specifications

Dimensions:	28" x 28" x 75" (71.1 cm x 71.1 cm x 190 cm)
Weight:	~160 lbs. (72.57 kg)
Electrical Requirements:	110 VAC, Single Phase, 10 AMP
Air Requirements:	90 PSI @ 3 CFM

Output

Filling Speed:	Up to 25 CPM ¹
Viscosity Range:	2000 cps (Centipoise)

Speciality Products

Foamy Product:	YES ²
Corrosive Product:	YES ²
Heated Product:	YES ²
Particulates:	NO



¹ Fill speed is dependent on several things: model, operator, container dimensions, and product characteristics.
² Optional parts of programming may be needed to match the speciality product specifications.

SAPOF-4

Semi-Automatic Four Head Pressure Overflow Filler



Unit Specifications

Dimensions:	28" x 28" x 75" (71.1 cm x 71.1 cm x 190 cm)
Weight:	~180 lbs. (498.95 kg)
Electrical Requirements:	110 VAC, Single Phase, 10 AMP
Air Requirements:	90 PSI @ 3 CFM

Output

Filling Speed:	Up to 25 CPM ¹
Viscosity Range:	2000 cps (Centipoise)

Speciality Products

Foamy Product:	YES ²
Corrosive Product:	YES ²
Heated Product:	YES ²
Particulates:	NO



¹ Fill speed is dependent on several things: model, operator, container dimensions, and product characteristics.
² Optional parts of programming may be needed to match the speciality product specifications.