

PRESSURE OVERFLOW FILLER



Based on a fill-to-level principle, the Model of Pressure Overflow Filler delivers a quantity of flowable liquid into the container until it reaches an adjustable fill height. Excess liquid then flows through the overflow vent back into a tank until the time cycle is complete and the filling head retracts.

This is the ideal filling style for a wide variety of product and container types. The OF starts with four nozzles and is expandable up to 12 316 SS mechanical filling nozzles mounted for complete adjustment to bottle sizes ranging up to 3 ½" diameter. Pneumatic escapement gates control the containers while neck guides control the container openings under the filling nozzles. Automatic level control using mechanical float ensure that the product level (and thus fill time) are carefully controlled in the product and tank. A stainless drip tray ensures clean transitions between containers, and a drip tray under the conveyor assists in spill control.

A 6" touchscreen allows fine control of all manual and automatic functions, including saved recipes for various packages and supports cleaning protocol through full manual control of each device.

A 10" centralized stainless steel main conveyor is included with variable speed control and super-clean conveyor ends for easy transitions.



Features

- Fully adjustable escapement gates with counting photo-eye for container detection.
- Fully adjustable 316SS filling nozzles.
- Integrated drip tray and neck centering guides.
- 50 gallon product tank (may be sized differently)
- Centralized main conveyor motor allows configurable conveyor with clean transitions.
- Fully stainless steel frame.
- 6" touchscreen interface.
- Speeds to 60 cpm based on product and size.

Options

- Integrated container Rinsers can be added to the infeed end to wash out containers. Rinsers are controlled with the touchscreen and work together with the filler.
- Integrated Air Cleaner can be added to infeed end to wash out bottles. The Cleaner utilizes ionized air and is controlled within the touchscreen and works together with the filler.
- Modular built-in 42" Feed Table and conveyor ends bolt into main filler conveyor for precise transitions in bottle feeding.
- 3A and Sanitary upgrades are available.

Conveyor width:

Conveyor height:

Conveyor length:

Conveyor motor:

Overall machine width:

Overall machine height:

Overall machine length:

Overall machine weight:

Power requirements:

Compressed air:

Specifications

4-1/2"

36" standard (+/- 2") can be varied per specific application

96"

1/4 HP DC geared motor (wash-down available)

72"

84"

100"

900 pounds

120 volt AC, 60 cycle, 10 AMP power

65 psi @ 3-4 cfm

