

# ROF Series

Rotary Overflow Filling Systems



## Key Features:

- Can fill a wide variety of containers at speeds up to 450+ CPM\*
- “Fill to level” operation for perfectly even fill levels
- Variable speed “Top Drive” system keeps key systems away from wetted areas for easy access and lasting performance
- Color touch screen control package with job memory, tooling memory, management lockout, as well as performance and alarm reporting
- Solid stainless steel frame and a sanitary stainless steel pump
- Incorporated safety interlocks & polycarbonate guarding
- Self aligning toolless change parts for quick trouble-free changeover

## Options:

- Vacuum filling option
- “Never Miss” bottle neck centering fill nozzles
- Specialty pump, seals, and hose upgrades for unique product types
- Sanitary conveyor systems

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# ***ROF Series***

## *Rotary Overflow Filling Systems*

Biner Ellison Rotary Overflow Fillers, (ROF Series), offer high speed, accurate fill-to-level production for all free-flowing non carbonated liquids including beverages, cosmetics, chemicals, and much more. Biner Ellison ROF Series machines specialize in producing visually appealing and consistent fill levels regardless of container shape or volume irregularities. Bottle molding and forming techniques can cause minor inconsistencies in the size or shape of a container. The ROF Series filling process automatically compensate for these minor changes and variations in container volume allowing for a uniform fill level. Biner Ellison Rotary Overflow Fillers can accommodate all types of containers comprised of rigid plastic, metal, and glass, ranging in size from ounces to gallons.

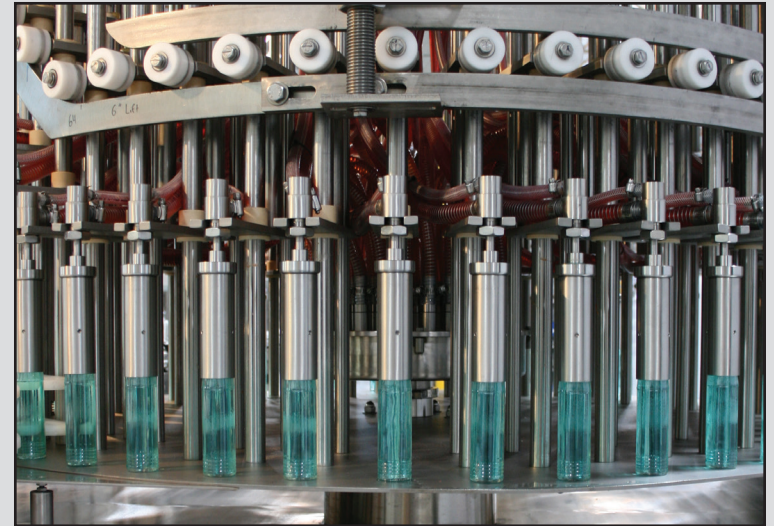
One unique feature to note on the BE Rotary Overflow Filling machines is that the power transmission for the main turret, in-feed and out-feed star wheels, as well as the timing screw is positioned on top of the machine for easy maintenance. Moving these parts away from potential wet areas helps to maintain precise variable speed control, simplifies cleaning, and prolongs production life.



### ***Example products the ROF Series can fill:***

Water, Fruit Juices & Extracts, Liquid Tea, Liquid Coffee, Food Coloring, Vegetable Oil, Milk, Wine, Tomato juice, Some Salad Dressings, Perfumes, Essential Oils, Ink, Thin Liquid Soap, Shampoo's, Light Makeup remover, Motor Oil, Urethane, Silicone, Urine, Alcohol, and many more

## **Rotary Vacuum Filling (RVac)**



The Rotary Vacuum (RVac) filling option for the Rotary Overflow Fillers allows for the filling of rigid, small neck containers that standard overflow filling may have difficulty filling. The Rotary Vacuum Fillers produces the same visually appealing and consistent fill levels as other overflow and vacuum fillers, it can just do it at much higher speeds. (Up to 400+ CPM\*).

Recommended projects for the RVac include: essential oils, perfumes, enamels, solvents, cleansers, hot sauces, and other similar low to medium viscosities. These high speed fillers are best suited for filling products that require small dose filling with a clean aesthetic appearance.



## ROF40 Filler

Rotary Overflow Filler (40" Turret)



### Unit Specifications

<b>Dimensions:</b>	L 54" x W 61" x H 89" (137 cm x 155 cm x 226 cm)
<b>Weight:</b>	~2200 lbs. (1000 kg)
<b>Electrical Requirements:</b>	120/240 VAC / Single Phase / 60Hz (optional 220/240 VAC, 3 Phase)
<b>Air Requirements:</b>	100 PSI @ 5-10CFM

### Output

<b>Filling Speed:</b>	Up to 240 CPM <sup>1</sup>
<b>Viscosity Range:</b>	1-2000 cp

### Specialty Products

<b>Foamy Product:</b>	YES <sup>2</sup>
<b>Corrosive Product:</b>	YES <sup>2</sup>
<b>Heated Product:</b>	YES <sup>2</sup>
<b>Particulates Product:</b>	NO

<sup>1</sup> Fill speed is dependant on model, operator, container, and product characteristics. Additional options to accommodate specific applications or speed requirements extra.  
<sup>2</sup> Optional parts of programming may be needed to match the specialty product specifications.

## ROF52 Filler

Rotary Overflow Filler (52" Turret)



### Unit Specifications

<b>Dimensions:</b>	L 69" x W 75" x H 89" (137 cm x 155 cm x 226 cm)
<b>Weight:</b>	~3100 lbs. (1400 kg)
<b>Electrical Requirements:</b>	120/240 VAC / Single Phase / 60Hz (optional 220/240 VAC, 3 Phase)
<b>Air Requirements:</b>	100 PSI @ 5-10CFM

### Output

<b>Filling Speed:</b>	Up to 450 CPM <sup>1</sup>
<b>Viscosity Range:</b>	1-2000 cp

### Specialty Products

<b>Foamy Product:</b>	YES <sup>2</sup>
<b>Corrosive Product:</b>	YES <sup>2</sup>
<b>Heated Product:</b>	YES <sup>2</sup>
<b>Particulates Product:</b>	NO