



RVF SERIES

ROTARY VOLUMETRIC FILLERS

Key Features

- New Design Includes a Sleek New Solid Stainless Steel Frame and a Sanitary Stainless Steel Pump.
- Each Machine Incorporates a Safety Interlock and Other Integrated Safety Features.
- All Systems Include Self Aligning Tool Less Change Parts for Quick and Trouble-free Changeover.
- Smooth Container Handling of Transfer on and of Main Conveyor with a 4 to 1 Infeed Star Wheel and 2 to 1 Exit Star Wheel.
- Touch Screen Control Package Includes Job Memory, Tooling Memory, Performance Screens and Integrated Sensors that Monitor Line Flow.
- The RVF Uses a Synchronized Pump with Turret Design for Filling Light Oils to Eextremely Thick Products at a High Rate of Production.



ROTARY VOLUMETRIC FILLER

**THE NEW STANDARD IN DELIVERING SMOOTH, HIGH SPEED,
RELIABLE PERFORMANCE FOR A WIDE RANGE OF PRODUCTS.**



The new **Biner Ellison RVF Series** machines set new standards in design, speed, safety, productivity, efficiency, and price. The RVF Series is an impressive line that provides precise volumetric filling of viscous and semi-viscous products utilizing our proven "Synchronized Pump & Turret" metering system. The new design incorporates an overhead drive system and powered nozzle height adjustment with job memory.

The **RVF Series Volumetric Rotary Filling Machine** uniquely positions the power transmission for the main turret, infeed and outfeed star wheels, and timing screw on top of the machine for easy maintenance. Precise variable speed control, longevity, and increased accuracy is achieved by keeping these important components away from wetted areas.

This machine handles virtually all shapes and sizes of containers and easily delivers filling accuracies up to +/- 0.5%. This versatile system is available with 8 to 20 fill stations depending on customers filling requirements.

Recommended products this machine can fill.

Water Tine to Pastes (Depending on Pump Type Used) (Water, Fruit Juices & Extracts, Liquid Tea, Liquid Coffee, Food Coloring, Vegetable Oil, Milk, Tomato Juice, Salad Dressings, Perfumes, Essential Oils, Ink, Thin to Thick Liquid Soap, Shampoo's, Makeup Remover, Motor Oil, Grease Tubes, Urethane, Silicone, and many more

Materials the machine is composed of.

Stainless Steel (other non contact parts may be made of either aluminum, plastic, or stainless steel.)

Materials the Contact Parts are composed of.

Stainless Steel (Tubing drawing from the source is made of Vinyl, standard Gaskets and O-Rings are made of Buna, the distribution manifold is made of Teflon, all other contact parts are made of 304 or 316 Stainless Steel. Viton, the standard piston is made of Ertlyite, all other contact parts are made of 304 or 316 Stainless Steel.)

1 Fill speed is dependent on: Operator, container dimensions, and product characteristics.

2 Longer nozzles will have to be added for manually bottom up filling.

3 In some cases contact parts will need to be changed to match the corrosive product

4 Some require changes, depending on the fill temperature.

Dimensions:

Height: 89" (226.06 cm)

Length: 54-86" (137.1-218.4 cm)

Depth: 61-92" (154.9-233.7 cm)

Weight:

Approx. 3400 lbs. (1542.21 kg)

Product Filling Speed:

Up to 650 CPM¹

Fill Size:

0.5 oz - 5 L

Viscosity Range:

1-18000 cp

Foamy Product:

Yes²

Corrosive Product:

Yes³

Heated Product:

Yes⁴

Particulates:

Yes

Electrical:

120/240 VAC / Single Phase / 60 hz

(220/440 VAC 3 Phase Available)

Air Requirements:

85 - 90 PSI @ CFM