

MODEL 505 VOLUMETRIC PISTON FILLER



Model 505 With Portable Floor Base

Compact Assembly includes pivoted control cabinet. Easy fill height adjustment.

RELIABILITY

The Model 505 is a heavy duty, single nozzle piston filler for all types of liquids, creams, pastes, gels, etc. containing particulate matter up to 7/8" in diameter. Volumes dispensed can range from 8 fl.oz. to over a gallon per cycle, depending on model selected. During a filling cycle, the product piston travels back to draw product from the hopper into a precision machined cylinder, then extends forward to fill. Product is dispensed into the container through a filling nozzle and/or cutoff device.

FEATURES

- * All Stainless Steel Construction and Pneumatic Operation ideal for wash-down environments and hazardous locations
- * Models available for different capacities from 8 fl.oz. to over a gallon per cycle
- * Large port rotary valve accommodates products with solid particles up to 7/8"
- * Wide range of Cylinder Sets, Nozzles, Cutoffs, and Accessories
- * 90° Inlet Adapter available in place of hopper to draw product directly from a drum or tank

WIDE RANGE OF PRODUCTS

Adhesives	Lotions
Butter & Margarine	Mashed Potatoes
Burrito Mix	Motor Oil
Cheeses	Nail Polish
Cold Cream	Oils
Cordials	Ointments
Desserts	Paint
Dough	Pate'
Epoxy	Peanut Butter
Extracts	Relishes
Fruit Salad	Resins
Fungicides	Salad Dressings
Honey	Sauces
Ink	Shampoo Products
Jams & Jellies	Soups & Stews
Ketchup & Mustard	Yogurt

SPECIFICATIONS

Fill Volume and Model

Designation:

Model 505A: 8.7 fl. oz. to 37.19 fl. oz.

(260 ml to 1.1 L)

Model 505B: 8.7 fl.oz. to 87.91 fl. oz.

(260 ml to 2.6 L)

Model 505C: 13.5 fl. oz. to 135.25 fl.oz.

(400 ml to 4 L)

Model 505D: Up to 169.07 fl. oz. (5 L)

Accuracy:

+/- 0.5%, typical

Cylinder Size:

Model 505A & Model 505B: 4-3/4" dia., standard. 3", 6" dia., available

Model 505C: 6" dia., standard. 3" available

Model 505D: 6-3/4" dia., standard. 3" & 4-3/4" dia., available

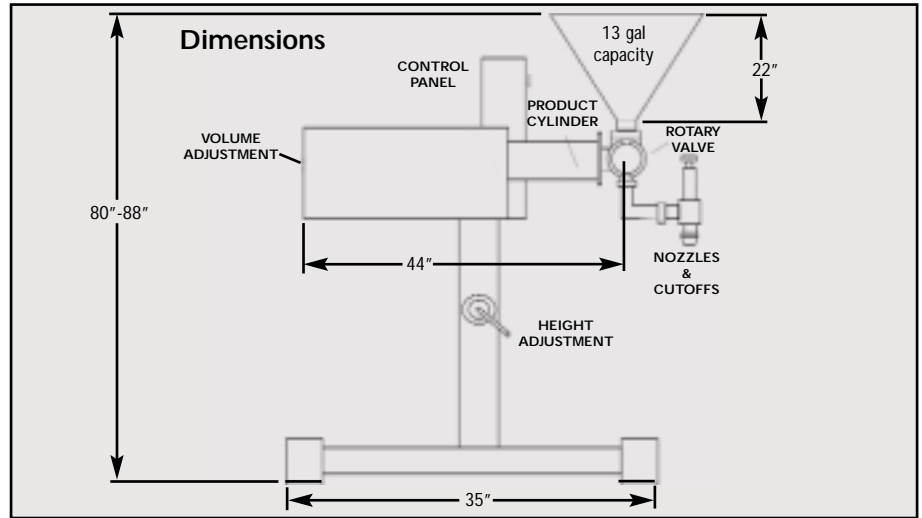
Product Supply: Polished, stainless steel conical 13 gal. (50 L) capacity Hopper or 90° Inlet Adapter with 5' of tubing for supply from bulk source

Air Requirements:

100-120 psi @ 10 scfm

Construction:

Product Contact Parts: Stainless steel (hopper, enclosure, valve body, accessories) Rotary Valve Rotors: Dairy Metal



ACCESSORIES

Multi-Stroke Control - Increases volume range for multiple stroke fill cycles. Includes counter controls.

Container Indexing - Provides regulated container movement and positioning for fully automatic operation on existing conveyors. Includes guide rails, indexing cylinders and no-container/no-fill switch.

Conveyor - Variable speed, 8' stainless steel conveyor with delrin table-top chain to move containers to and away from filler for fully automatic operation. Includes Container Indexing components (see above).

Level Control - Actuates infeed equipment for consistent product re-supply.

Footswitch - Pneumatic switch used to initiate fill cycles.

Long Nozzle For Model 505

Long dispensing nozzles are designed to fit inside the film forming tubes of vertical Form-Fill-Seal machines. They are equipped with positive drip-proof valves essential for this service. Numerous applications include: shampoo, conditioner, bath gels, juices, topping, sauces, flavors, blue ice packs, oils, etc.



All-Fill: For All Your Filling Needs.

All-Fill, Inc. designs, manufactures, services, and supports a complete line of machinery for powder and liquid filling. Complementary equipment includes feeding and conveying of dry products for the food, pharmaceutical, and chemical industries, as well as high-speed checkweighing equipment sold under the Alpha Checkweighers brand.

418 Creamery Way
Exton, PA 19341 USA
1-866-ALL-FILL
Fax: (610) 524-7346



**WAGNER
PACKAGING
MACHINERY**
T: 972-385-9456 F: 972-596-3619
wagnerpkg@verizon.net / www.wagnerpkg.org