

STI MODEL LF-10 ver. 1.1

LIQUID CAPSULE FILLING MACHINE

RELIABILITY, EFFICIENCY and DEPENDABILITY

The STI MODEL LF-10 ver. 1.1 is a Semi-Automatic, High-Speed Liquid Capsule Filling Machine designed to increase the productivity and accuracy of your capsule filling process for liquids and paste. Our commitment to Quality and Customer Service, backed by our team of skilled technicians is what makes Schaefer Technologies, Inc. the solution to your manufacturing requirements.

OPERATIONAL FEATURES:

- * 8 Liter heated hopper and stirrer.
- * Will fill products with Viscosities of 100 to 1,000 cps.
- * Self contained, horizontal, pneumatic closing station that eliminates the risk of hydraulic contamination.
- * Variable speed drive motors for the Rectifier, Fill Table and Auger
- * Micro Drive Controllers for repeatability.
- * Uses standard Model 8 and Model 10 style filling rings.
- * Oil-less vacuum pump is self contained inside. The machine pump requires no water.
- * Quick change-over from size to size.
- * Internal vacuum pump.

cGMP FEATURES:

- * Easy to operate Micro Drive Controllers for repeatability of the motor speeds and control of the fill weights.
- * Stainless steel tabletop, frame, rotary tables and covers.
- * FDA approved materials for all "product contact surfaces"

SAFETY FEATURES:

- * Safety Interlocks.
- * Meets CE Requirements.

SUPPORT:

- * Engineering, CAD design and Customization of machinery.
- * One-off prototype, replacement and change parts.
- * Validation services for cGMP compliance.
- * On-site field service and training.
- * Toll-free technical support.



Optional: Over Encapsulation Tooling

- * Insertion Rings
- * Check Rings
- * Insertion Hoppers & Catch Pans



STI MODEL LF-10 ver. 1.1 - TECHNICAL SPECIFICATIONS

Capacity:	10,000 to 25,000 capsules per hour (dependent on capsule size, formulation, and Operator experience) for sizes 000 through 4 and certain DB sizes.	
Filling Accuracy:	Desired Amount +/- 1.5%	
Filled Weight: (Est.)	Size 1-5	100-480mg/capsule
	Size 0	400-680mg/capsule
	Size 00	570-900mg/capsule
Room Conditions:	Install in a controlled environment of 72-80 deg F (22-26.6 deg C) and a relative humidity between 35-55%	
Electrical Supply	190,200,208,220,230,330,400,415,440 or 460 volt - 3 Phase	
Compressed Air:	3 cubic feet per minute @ 80 to 100 psi	
Dimensions:	Height	1702 mm 67 in (w/o casters)
	Width	1524 mm 60 in
	Depth	762 mm 30 in
	Weight (approx)	454 kg 1000 lbs
	Floor Space	3.34 Sq meters 36 sq feet

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