

STI MODEL 10V CAPSULE FILLING MACHINE

RELIABILITY, EFFICIENCY and DEPENDABILITY

The STI MODEL 10V Capsule Filling Machine is a Semi-Automated means of filling large (2) two piece, hard gelatin or vegetable based capsules with powder or pellets. Designed to fill the size 12EL large capsules - the Model 10V can be modified to run other large capsule sizes. The STI Model 10V has been designed to increase the productivity, accuracy and safety of your capsule filling process. 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:

- * Easy to operate "Digital Speed Controls" provides precise adjustment of the Variable Speed Drive Motors.
- * Self contained, horizontal, pneumatic closing station that eliminates the risk of hydraulic contamination.
- * Quick change-over from size to size.
- * Reduced - less labor intensive maintenance
- * Internal vacuum pump.

cGMP FEATURES:

- * Easy to operate "Digital Speed Controls" 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 and/or safety screws at access points.
- * 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



The digital Micro-Drive controllers provide precise adjustment and repeatability for setting the RPM of the Auger and the rotational speeds for the Fill Table and Rectifier Table.



STI MODEL 10V - TECHNICAL SPECIFICATIONS

| | | | |
|---------------------|---|----------------|------------|
| Capacity: | Approximately 5,400 capsules per hour based on the size 12EL, Operator experience and filling conditions. | | |
| Room Conditions: | Temperature 72 to 80 Deg. F Relative humidity between 35 to 55% | | |
| Construction: | Full stainless steel framework, bed section and table top with polycarbonate guarding for moving parts. | | |
| Electrical Supply | Multi-Tap Transformer 190 through 480 volt - 3 Phase | | |
| Compressed Air: | 3 cubic feet per minute @ 80 to 100 psi | | |
| Overall Dimensions: | Height | 1829 mm | 76 in |
| | Width | 1397 mm | 55 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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