

STI MODEL CB-15 CAPSULE BANDING MACHINE

RELIABILITY, EFFICIENCY and DEPENDABILITY

The STI MODEL CB-15 is designed to band the joint portions of the cap and body of filled gelatin or vegetable based capsules. The result is a pharmaceutically smooth, "Tamper Evident" liquid tight band which produces a seamless, joined capsule. Our commitment to Quality and Customer Service, backed by our skilled technicians, makes Schaefer Technologies, Inc. the solution to your banding requirements.

OPERATIONAL FEATURES:

- * Electrically heated and temperature controlled gelatin pan.
- * The banded capsules pass over a series of fans to insure dry capsules prior to capsule discharge.
- * Drum style capsule rectification means less stress on the capsules.
- * Variable banding speed to control the drying time.
- * Micro Drive Controllers for ease of setup.
- * Air assist pull-off station for positive removal of banded capsules.
- * Drum engagement clutch allows the rectifier drums to be engaged / dis-engaged while allowing the drying conveyor and banding wheels to continue running.
- * Quick change from size to size.

cGMP FEATURES:

- * Stainless steel frame and panels. Polycarbonate covers.
- * FDA approved coated aluminum feed drums and and carrier / drying slats.

SAFETY FEATURES:

- * Safety Interlocks, polycarbonate guards and covers.
- * 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.



Rectification Station
Feed, Rectifier &
Transfer Drums



Dual set of Banding
Wheels for a Smooth,
Double Band

STI MODEL CB-15 - TECHNICAL SPECIFICATIONS

Capacity:	Maximum 15,000 capsules per hour (dependent on capsule size)		
Capsule Sizes:	000 through 4		
Construction:	Full stainless steel framework and bed section with polycarbonate or stainless steel guarding		
Room Conditions:	Install in a controlled environment of 75-80 deg F (24-26.6 deg C) and a relative humidity below 55%		
Electrical Supply:	115 volts, single phase, 60 cycles		
Compressed Air:	70 psi @ 11 cfm (0.5 MPa @ 0.3 m3/min)		
Vacuum:	4 inHg @120 cfm (13.5 kPa @ 3.4 m3/min)		
Dimensions:	Height	1696 mm	66-3/4 in
	Width	2032 mm	80 in
	Depth	883 mm	34-3/4 in
	Weight (approx)	490 kg	1080 lbs

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