



COTTON INSERTER

CVC 1117H



The CVC 1117H of Cotton Inserter is designed to insert polyester, rayon, or cotton coil into containers at speeds up to up to 200-210 bottles per minute. The CVC 1117H is Siemens PLC controlled and Servo Motor driven. Options include tower lamp, missing cotton in bottle detection, reject, and reject verification. The cotton piece length can be set from 60mm to 150mm.

STANDARD FEATURES

- Built to cGMP standards
- Stainless steel construction
- Quick and easy change over
- Servo motor and PLC controlled
- Memory capacity for over 50 jobs
- Interlocked safety shields
- Servo motor driven screw feeder
- 1-9 insertions per bottle
- ISO 9001:2000 Certified
- Type 304 stainless steel frame, enclosure
- Type 316L stainless steel product contact parts
- ISO 9001 : 2015 certified



CVC 1117H Technical Specifications

Type	U4
Productivity	Up to 200-210 BPM (based on one insertion of cotton per bottle for 60 ml round bottle and cotton piece length: 70 mm, subject to trial confirmation)
Applicable Size	Bottle: Dia.: Ø30-110 mm (1 1/4" to 4 1/4") I.D. of Mouth: Ø25-50 mm (1" to 2") Height: 50-200 mm (2" to 7 3/4") Cotton: Weight: 7-16 g/yard Length: 60-150 mm (2 1/4" to 5 3/4")
Power Source	220 V, 50/60 HZ, 1 PH
Power Consumption	890 VA (4.1 A)
Air Pressure	6 bar (87 psi)
Air Consumption	566 NL/min (20 CFM)
Machine Dimensions (w/o conveyor)	1,000 x 1,180 x 1,860 mm (3'-3" x 3'-10" x 6'-1")
Machine Weight	500 kg (1,103 lbs)
Noise Level	≤ 80 dB

Technical data contained in this material are not binding and may be subject to change without prior notice.

TECHNICAL SPECIFICATIONS

AVAILABLE OPTIONS

- Cotton holding bin
- Bottle reject system
- Integrated conveyor
- Conveyor extension
- Cotton presence inside bottle check
- 3-Color stack tower light
- 21 CFR Part 11 License
- OPC UA server for data collection



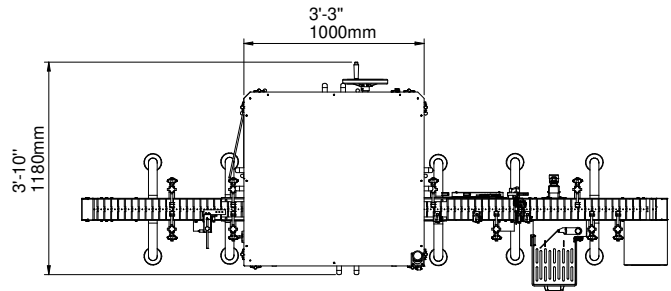
- Two-way insertion turret: 3 stations



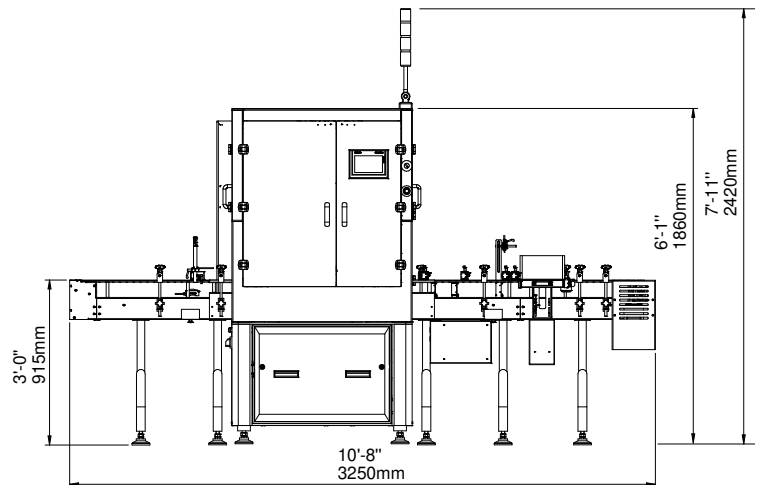
- Bottle Reject Station

MACHINE LAYOUTS

Top View



Front View



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