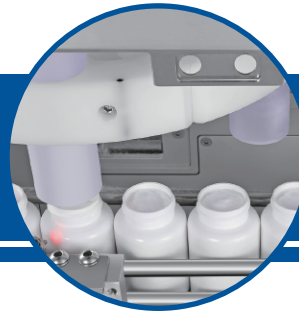




COTTON INSERTER

CVC 1118



The CVC 1118 Cotton Inserter equips with a set of guillotine style knife assembly with hardened stainless steel blades to cut and insert a pre-set length of cotton into bottles at speeds up to 100-120 bottles per minute. Accurate cut cotton length set from the HMI. The CVC 1118 are Siemens PLC controlled and servo motor driven.

The cotton piece length can be set from 70mm to 150mm (2 3/4" to 5 7/8"). It can place from 1-10 inserts per bottles.

The CVC 1118 Series can be easily fitted over existing conveyor. Dual head setup for higher speeds available.

STANDARD FEATURES

- Guillotine style knife assembly
- Product Sensor
- Tube Sensor, the feed sensor monitors presence of cotton piece in the filling tube.
- Inspection and removal of bottles with protruding cotton (option)
- Interlocked safety guarding.
- Capability of recipe storage.
- Storage and printing of Production Report and Alarm Report.
- Motorized adjustments for bottle height and diameter.
- Bottle backlog sensor.
- Type 304 stainless steel frame, enclosure panels.
- Type 316L stainless steel and FDA approved cotton contact parts.
- ISO 9001:2015 certified.
- CE or UL/CSA standard PC safety guard.
- Built to cGMP standards.

► 3-color Tower Lamp (option)



CVC 1118 Technical Specifications

Productivity	Up to 100-120 BPM (base on 40-100 cc round bottle, 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: 70-150 mm (2 3/4" to 5 7/8")
Power Source	220 V, 50/60 HZ, 1 PH
Power Consumption	700 VA (3.2 A)
Air Pressure	6 bar (87 psi)
Air Consumption	350 NL/min (12.3 CFM)
Machine Dimensions (L x W x H)	1,425 x 530 x 1,670 mm (approx) (4'-8.1" x 1'-8.9" x 5'-5.7")
Machine Weight	308 kg (679 lbs)
Noise Level	≤ 78 dB

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

AVAILABLE OPTIONS

- Infeed / outfeed conveyor extensions
- Infeed rotary table
- Rotary accumulation table
- Cotton holding container
- Cotton pre-feed device
- Bottle reject system
- Reject verification
- Insertion failure detection sensor
- Bottle format changeover parts
- Tower lamp
- 21 CFR Part 11 License
- OPC UA for data collection



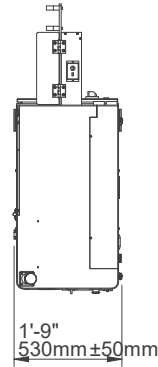
Cotton pre-feed device features smooth and nonstop cotton feeding.



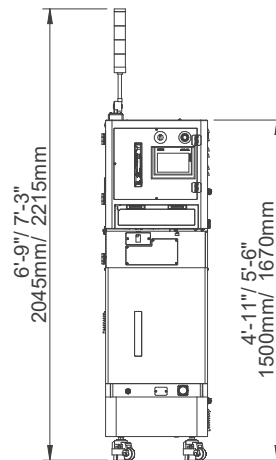
The re-tamping design simplifies and integrates into the machine.

MACHINE LAYOUTS

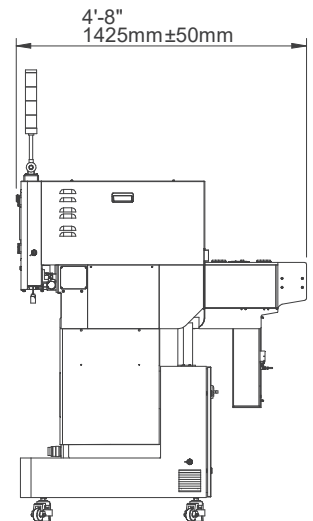
Top View



Front View



Side view



The dimensions shown are for standard machine. The conveyor can be extended: the length may vary based on selected options. This machine can run independently or be integrated into an automated packaging line. All CVC equipment is covered by a one-year parts warranty. Full Warranty details are included in our equipment proposals.



Contact Us

USA

10861 Business Drive, Fontana, CA 92337
Phone: +1 (909) 355-0311
www.cvcusa.com ; www.cvctechnologies.com
sales@cvcusa.com

Taiwan-Asia Pacific Headquarters

Phone: +886 (4) 2496-3666
sales@cvctechnologies.com

India

Phone: +91 (22) 2562-1242, +91 (22) 2562-1243
sales@cvctechnologies.com

China

Phone: +86 (512) 8363-6368
sales@cvctechnologies.com