CVC TECHNOLOGIES, INC.

www.cvctechnologies.com

U.S. Headquarters: Fontana, California

CVC Technologies, Inc.
10861 Business Drive, Fontana, CA 92337, USA
Phone: +1 (909) 355-0311
Fax: +1 (909) 355-0411
http://www.cvcusa.com
E-mail: sales@cvcusa.com

CVC USA East Coast Office
1855 New Highway, Suite C, Farmingdale NY 11735
Phone: +1 (909) 355-0311
Fax: +1 (909) 355-0411
E-mail: sales@cvcusa.com

Asia Headquarters: Taiwan Manufacturing Center

CVC Technologies, Inc. (Taiwan)
Asia Pacific Headquarters
No.190, Gongye 9th Rd., Dali Dist., Taichung City 412, Taiwan
Phone: +886 (4) 2496-3666
Fax: +886 (4) 3705-6555
E-mail: sales@cvctechnologies.com

CVC Technologies, Inc. (India)
601/602, Manmandir Suraksha, Building No.3, Nahur Village Road,
Mulund (W), Mumbai - 400 080
Phone: +91 (22) 2562-1242, +91 (22) 2562-1243
Fax: +91 (22) 2562-1244
E-mail: sales@cvctechnologies.com

CVC Technologies, Inc. (China)
No.77, Kangzhuang Road, Kunshan, China
Postal Code: 215314
Phone: +86 (512) 8363-6368
Fax: +86 (512) 8363-6638
E-mail: sales@cvctechnologies.com

focusing on
WHAT MATTERS THE MOST
to our customers

CVC POWDER FILLING SYSTEMS

INNOVATIVE SIMPLE SMART SOLUTIONS

FOR COMPLEX PACKAGING REQUIREMENTS

CVC POWDER FILLING LINE

There are many kinds of powder; each of them is different characteristics such as flow rate, humidity, particle size, etc. CVC powder filling system applies the rotation of an auger to meter out the appropriate amount of powder. Considering the influence of flowability on the powder traveling speed and metering process, CVC thus develops two types of augers for the most appropriate application.

The most trusted powder filling solutions you can count on.

CVC Powder Filling System provides efficient output and solid durability to ensure your productivity and quality.

Specialized in turnkey integration, CVC provides the most complete equipment from bottle unscramblers, rinsing, filling, closing & labeling equipments plus all types of end packaging machinery.

It is perfectly suitable for pharmaceutical, nutraceutical, cosmetics and food industrial applications.

FDA CE CSA UL PMMI ISO 9001

QUALITY · VALUE · SERVICE

We continue to expand our capabilities, re-invest into our operations, and add additional talents to our team. Our extensive application experience can solve almost any packaging challenges.

BOTTLE UNSCRAMBLER & AIR RINSER

POWDER FILLER

METAL DETECTOR

IN-LINE CAPPER

CHECK WEIGHER

INDUCTION CAPSEALER

WRAP LABELER

BOTTLE UNSCRAMBLER

CVC 1266

The CVC 1266 Bottle Unscrambler is designed to automatically feed bottles from a bin and place them upright onto a conveyor at speeds of up to 200-280 bottles per minute. The CVC 1266 is built on a Siemens control system including a HMI panel. Options include ionized air rinse with vacuum, fallen bottle sensor with return to bin, low level hopper sensor, tower lamp, and static eliminator bar. No change parts are required.

STANDARD FEATURES

- Display touchscreen instruction for machine operation is in English
- SS-304 stainless steel bin, frame, enclosure panels
- Memory capacity for 50 jobs
- Interlocked safety guarding
- Low level hopper sensor
- Bottle backlog sensor at outfeed
- ISO 9001:2015 certified
- Type 316 stainless steel contact parts

AVAILABLE OPTIONS

- Static eliminator bar in disc sorter
- Ionized air rinsing assembly with vacuum
- Upside down bottle, fallen bottle reject assembly
- Tower lamp
- 21CFR Part 11 License

BOTTLE UNSCRAMBLER & AIR RINSER

CVC 1263

STANDARD FEATURES

- Display touchscreen instruction for machine operation is in English
- Interlocked safety guarding
- Low level hopper sensor
- Bottle backlog sensor at outfeed
- Type 304 stainless steel bin, frame, enclosure panels
- Type 316 stainless steel contact parts
- ISO 9001:2015 certified

- Bottle orientating assembly

- Air Rinse Station

CVC 1263D

Technical Specifications

Model	CVC 1266	CVC 1263	CVC 1263D
Type	U4	U4	U4
Productivity	Up to 280 BPM (base on 100ml round bottle, subject to trial confirmation)	Up to 80 BPM (base on 100ml round bottle,subject to trial confirmation)	Up to 120 BPM (base on 100ml round bottle, subject to trial confirmation)
Applicable Size	Bottle Dia.: Ø30-120 mm (1 1/4" to 4 3/4") Bottle Height: 45-200 mm (1 3/4" to 7 3/4") Bottle Height/Dia Ratio: Min. 1.5:1	Bottle Dia.: Ø30-80 mm (1 1/4" to 3 1/8") Bottle Height: 50-150 mm (2" to 5 3/4") Bottle Height/Dia Ratio: Min. 1.5:1	Bottle Dia.: Ø30-120 mm (1 1/4" to 4 3/4") Bottle Height: 50-200 mm (2" to 7 3/4") Bottle Height/Dia Ratio: Min. 1.5:1
Hopper Capacity	396 L (14 Cuft)	155 L (5.5 Cuft)	180 L (6.4 Cuft)
Air Filter Efficiency	0.01 µm (99.99 %) (for optional Ionized air rinsing assembly)	0.01 µm (99.99 %)	0.01 µm (99.99 %)
Power Source	220 V, 50/60 HZ, 1 PH	220 V, 50/60 HZ, 1 PH	220 V, 50/60 HZ, 1 PH
Power Consumption	1,900 VA (8.7A) (when equipped with Air Rinse & Vacuum)	1,700 VA (7.8 A) (when equipped with Air Rinse & Vacuum)	1,900 VA (8.7 A) (when equipped with Air Rinse & Vacuum)
Air Pressure	6 bar (87 psi)	6 bar (87 psi)	6 bar (87 psi)
Air Consumption	1,300 NL/min (46 CFM) (when equipped with Air Rinse Assembly)	1,300 NL/min (46 CFM) (when equipped with Air Rinse Assembly)	1,500 NL/min (53 CFM) (when equipped with Air Rinse Assembly)
Machine Dimensions (L x W x H)	2,200 x 1,233 x 1,980 mm (approx) (7'-3" x 4'-1" x 6'-6")	1,631 x 1,472 x 1,970 mm (approx) (5'-4" x 4'-10" x 6'-6")	2,380 x 1,932 x 2,140 mm (approx) (7'-10" x 6'-4" x 7')
Machine Weight	707 kg (1,559 lbs)	700 kg (1,543 lbs)	1,200 kg (2,646 lbs)
Noise Level	≤ 78 dB	≤ 78 dB	≤ 78 dB

* Machine specifications are subject to change without notice.

* Machine specifications are subject to change without notice.

BOTTLE AIR RINSER

CVC 1102

The CVC 1102-400/ CVC 1102-600 Bottle Air Rinser are equipped with powerful clean air jet and vacuum suction which are combined with 180-degree inversion of bottle at speeds of up to 80-120 bottles per minute. The CVC 1102 series Automatic Bottle Air Rinser are the ideal solution for bottle packaging lines to achieve cGMP compliance.

Different bottle sizes are easily change over with customized bottle format change parts.

STANDARD FEATURES

- Display touchscreen instruction for machine operation is available in English
- Interlocked safety guarding
- Bottle backlog sensor at outfeed
- Type 304 stainless steel bin, frame, enclosure panels
- Type 316 stainless steel contact parts
- ISO 9001: 2015 certified

AVAILABLE OPTIONS

- Static Electricity Eliminator
- Vacuum block detection assembly
- Tower lamp
- 21 CFR Part 11 License
- OPC UA for data collection

- Air Rinse Station

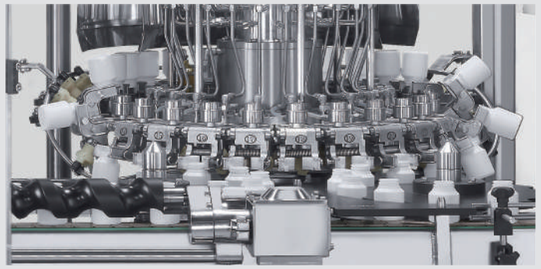
CVC 1102 Technical Specifications

Model	CVC 1102-400	CVC 1102-600
Type	U4	U4
Productivity	Up to 80 BPM (subject to trial confirmation)	Up to 120 BPM (subject to trial confirmation)
Applicable Size	Bottle Dia.: Ø30-80 mm (1 1/4" to 3 1/8") Bottle Height: 50-150 mm (2" to 5 7/8")	Bottle Dia.: Ø30-120 mm (1 1/4" to 4 3/4") Bottle Height: 50-200 mm (2" to 7 3/4")
Air Filter Efficiency	0.01 µm (99.99 %)	0.01 µm (99.99 %)
Power Source	220 V, 50/60 HZ, 1 PH	220 V, 50/60 HZ, 1 PH
Power Consumption	1,230 VA (5.6 A) (with Air Rinse & Vacuum)	2,640 VA (12 A) (with Air Rinse & Vacuum)
Air Pressure	6 bar (87 psi)	6 bar (87 psi)
Air Consumption	1,400 NL/min (50 CFM)	1,500 NL/min (52.5 CFM)
Machine Dimensions (L x W x H)	1,680 x 1,050 x 1,432 mm (5'-6" x 3'-5" x 4'-8")	2,600 x 1,145 x 2,140 mm (8'-7" x 3'-9" x 7'-1")
Machine Weight	510 kg (1,124 lbs)	685 kg (1,510 lbs)
Noise Level	≤ 78 dB	≤ 78 dB

* Machine specifications are subject to change without notice.

STANDARD FEATURES

- Smooth bottle handling using infeed timing screw and starwheels provides high speed operation with optimal performance
- Multiple bottle clamps pick bottles in continuous rotary motion
- Bottles are inverted for air wash cleaning
- Each cleaning station is equipped with vacuum chamber for the exhaust of used air
- Air filtering system ensures a clean air source for the cleaning job
- Changeparts are available for different bottle sizes
- Safety design includes emergency stop pushbutton and interlock safety guards in transparent panels
- Stainless steel construction meets cGMP requirements



- Multiple bottle washing stations in continuous rotary motion carries out washing operation at high speed.
- Bottle cleaning is accomplished by combining air washing, used air suction and bottle inversion.

AVAILABLE OPTIONS

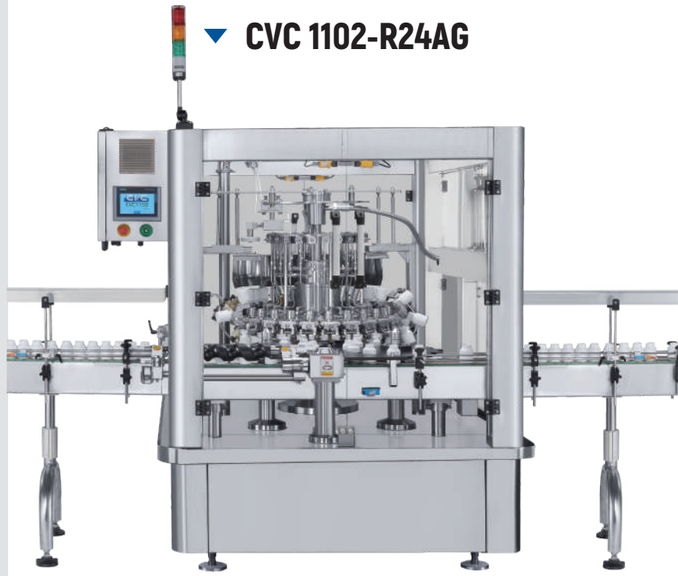
- Tower lamp
- 21 CFR Part 11 License
- OPC UA for data collection

CVC 1102-R24AG Technical Specifications

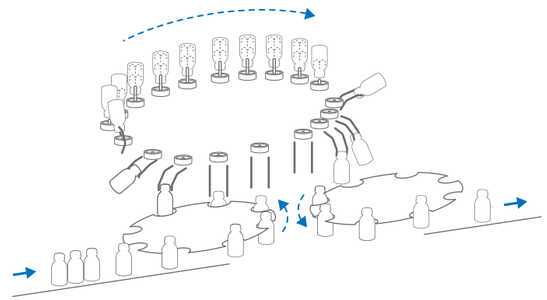
Productivity	Up to 200 BPM (subject to trial confirmation)
No. of Air Rinse Heads	24
Applicable Bottle	30- 150 ml
Power Source	380 V, 50/60 HZ, 3 PH
Power Consumption	2,000 VA (3 A)
Air Pressure	6 bar (85 psi)
Air Consumption	2,000 NL/min (70 CFM)
Machine Dimensions (L x W x H)	1,970 x 1,874 x 1,995 mm (Including Conveyor) (6'-6" x 6'-2" x 6'-6")
Machine Weight	3,500 kg (7,716 lbs)
Noise Level	≤ 78 dB

* Machine specifications are subject to change without notice.

CVC 1102-R24AG



MACHINE WORKING FLOW



ROTARY POWDER FILLER

CVC 6088-R16

The CVC 6088-R16/ 6088-2R24 Automatic Rotary Powder Filling Machines are designed to fill powder products into containers provided to its infeed conveyor and transported through its rotary continuous motion mechanism. The Powder dosing uses servo motor driven auger dosing system for accuracy volume.

The overall machine construction takes most applicable regulatory considerations into account: cGMP, FDA, and it meets the requirements of most integrated powder filling-packaging lines for pharmaceutical and nutraceutical industries.

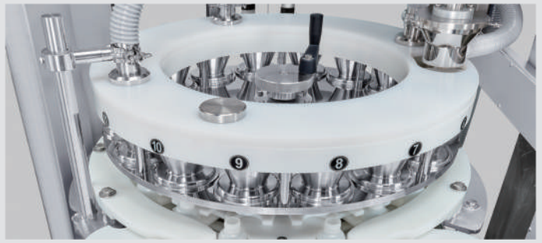
STANDARD FEATURES

- Double head auger powder filling (**CVC 6088-2R24 only**)
- Siemens PLC control and Touch-Screen control panel provides easiness of adjustment and operation
- The product dosing is done by a servo motor driven auger, dosing amount depends on the auger size (changeover part), and also depends on its rotation, which is settable from the HMI
- The rotary funnels receive accurate amounts of powder dispensed by the auger; and while the funnels are rotating along with the filling starwheel, the powder will be filled into the bottles
- Enclosed design avoids product dust getting into mechanical/ electrical system
- Changeover and disassembling of auger is simple and toolless
- Clean up is easy and quick
- No bottle no fill
- Machine stops when bottle stuck
- Machine stops when low air pressure
- All product contact parts are SUS 316 stainless steel and FDA approved or accepted materials
- The machine uses non-weld seamless one-piece SUS 316 auger, which ensures thorough washing, cross-contamination concerns are thus eliminated

AVAILABLE OPTIONS

- Buffer hopper and vacuum generator system
- Nitrogen purging device
- Infeed/ outfeed starwheel assembly changeover
- Rotary filling station changeover
  - Bottle holder block
  - Filling nozzle
  - Dosing auger
- Nitrogen purging connection
- Vacuum dust collector connection
- Vacuum powder feeding connection

· CVC 6088-2R24: Double head auger powder filling & 24 filling station



· CVC 6088-R16: 16 filling station

Technical Specifications

Model	CVC 6088-R16	CVC 6088-2R24
No. of Filling Heads	1	2
Filling Station Number	16	24
Productivity	UP to 100 BPM (Vary with different products, and filling weight, subject to trial confirmation.)	Up to 150 BPM (Vary with different products, and filling weight, subject to trial confirmation.)
Filling Volume	9-40 g ($^3/_8$-1 $^3/_8$ oz)	9-40 g ($^3/_8$-1 $^3/_8$ oz)
Vacuum Supplying Capacity	150- 180 kg/hr (330- 396 lbs/hr)	200- 230 kg/hr (440- 507 lbs/hr)
Hopper Diameter	Ø 300 mm (11 $^3/_4$")	Ø 300 mm (11 $^3/_4$")
Powder Hopper Capacity	14 L (0.5 Cuft)	14 L (0.5 Cuft)
Power Source	380 V, 50/60 HZ, 3 PH	380 V, 50/60 HZ, 3 PH
Power Consumption	2,000 VA (3 A)	7,740 VA (12 A)
Air Pressure	6 bar (87 psi)	6 bar (87 psi)
Machine Dimensions (L x W x H)	1,915 x 1,213 x 2,940 mm (6'-3" x 4" x 9"-8") (Including vacuum loader)	3,300 x 2,360 x 2,980 mm (10'-10" x 7'-1" x 9'-9") (Including vacuum loader)
Machine Weight	1,100 kg (2,425 lbs) (main machine)	2,000 kg (4,409 lbs)
Noise Level	≤ 80 dB	≤ 80 dB

* Machine specifications are subject to change without notice.

CVC 6088-2R24

* Machine specifications are subject to change without notice.

MONOBLOCK POWDER FILLER & PLUGGER

CVC 6088-2P

Designed for metering and filling various kinds of powder and granular products into bottles/cans, such as, medicine powder, food powder and chemical powder... etc.

Range of filling and metering: 1-30 g.
(Easy to change capacity by simply changing the auger).

STANDARD FEATURES

- Double head auger powder filling
- Siemens PLC control and Touch-Screen control panel provides easiness of adjustment and operation
- The Product dosing is done by a servo motor driven auger, dosing amount depends on the auger size (changeover part), and also depends on its rotation, which is settable from the HMI
- The funnels receive accurate amounts of powder dispensed by the auger; Bottles are positioned with a bottle starwheel underneath the funnels, the powder will be filled into the bottles
- Enclosed design avoids product dust getting into mechanical/ electrical system
- Changeover and disassembling of auger is simple and toolless
- Clean up is easy and quick
- No bottle no fill
- Machine stops when bottle stuck
- Machine stops when low air pressure
- All product contact parts are SUS 316 stainless steel and FDA approved or accepted materials
- The machine uses non-weld seamless one-piece SUS 316 auger, which ensures thorough washing, cross-contamination concerns are thus eliminated

CVC 6088-2 Technical Specifications	
No. of Filling Heads	2
No. of Pluging Heads	1
Productivity	Up to 45 BPM (subject to trial confirmation)
Powder Volume	30 g
Power Source	380 V, 50/60 HZ, 3 PH
Air Pressure	6 bar (87 psi)
Machine Dimensions (L x W x H)	3,000 x 1,080 x 1,990 mm (approx) (9'-10" x 6'-2" x 8'-1")
Machine Weight	950 kg (2,094 lbs)
Noise Level	≤ 80 dB

* Machine specifications are subject to change without notice.

MICRO DOSAGE AUGER FILLER

CVC 6088-4S

The monoblock auger filling system consists of four stations for plastic bottle sorting/ feeding, powder filling, plugging and filled product discharging.

- A plastic bottle bowl sorter/feeder is provided to deliver small empty bottles to the starwheel for further filling processing
- An indexing central starwheel features smooth and accurate bottle positioning for powder filling and bottle transportation
- Four auger fillers are included
- Individual servo motor drive system
- Plugging station completes with vibration type plug sorter and feeder
- Filled products are discharged from a tilt type discharge chute

APPLICABLE PRODUCTS:

For filling and dosing of highly valued powder products, or pharmaceutical products.

- The central starwheel driven by cam system can stabilize the transmission of small plug/ cap, and offers precise operation.

AUGER FILLER FORM/ FILL/ SEAL MACHINE

CVC 6088-FFS

Forms bags from thermo sealable roll, fills the product and seals the package.

- The CVC Auger Filler FFS machine is suitable for all types of free-flowing and non free-flowing powder and granulate products
- Servomotor driven auger ensures maximum accuracy
- Packaging length is conveniently set as desired on the screen
- Print registration centering photocell is easy to adjust
- Minimum sealing temperature variation. Employs PID temperature tolerance within 2°C
- Job memories to record product types and weights
- Self-diagnostic function
- Accurate dosing by servomotor driven auger with feedback system for accurate weight compensation
- Touch screen HMI for ease of operation
- Filling volume is directly set from screen
- PLC controlled for maximum stability
- Dust proof construction
- Product hopper level control for integration with actomatic feeding systems
- One pice (not welded) stainless steel auger screw ensures maximum cleanliness and accuracy
- Vibratory functions help product settling

APPLICABLE PRODUCTS:

Specially designed for dosing and filling of various powders and granulate products such as flour, sugar, milk powder, grain powder, salt, flavor essence, chemical powder and herb powder, etc.

Technical Specifications		
Type	CVC 6088-FFS	CVC 6088-FFSL
Productivity	20-60 bags/min	20-60 bags/min
Applicable Size	Bag Lenth: 100- 250 mm (3 3/4"- 9 3/4") Bag Width: 180- 350 mm (7"- 13 3/4")	Bag Lenth: 250- 400 mm (9 3/4"- 15 3/4") Bag Width: 350- 630 mm (13 3/4"- 24 3/4")
Applicable Product	Pillow, Gusset	Pillow, Gusset
Power Source	220 V, 50/60 HZ, 3 PH	220 V, 50/60 HZ, 3 PH
Machine Dimensions (L x W x H)	1,100 x 1,500 x 2,900 mm (3'-7" x 4'-11" x 9'-6")	1,250 x 1,650 x 3,250 mm (4'-1" x 5'-5" x 10'-8")
Machine Weight	600 kg (1,322 lbs)	750 kg (1,653 lbs)

* Machine specifications are subject to change without notice.

SCALE AUGER FILLER

CVC 6088-W

Forms bags from thermo sealable roll, fills the product and seals the package.

- Employs weighing scale for feedback assuring excellent weight accuracy
- 2-step filling speed ensures weight accuracy as required
- Easy to adjust bag clamping device
- Superior weight accuracy within ± 1%
- Equipped with dust collector for elimination of dust during filling operations

APPLICABLE PRODUCTS:

For filling and dosing of highly priced powder products, or pharmaceutical products.

- Easy to adjust bag clamping device.

CVC 6088-W Technical Specifications	
Power Source	220 V, 50/60 HZ, 3 PH
Power Consumption	2,600 VA (6.8 A)
Machine Dimensions (L x W x H)	1,000 x 1,100 x 2,350 mm (approx) (3'-3" x 3'-7" x 7'-9")
Machine Weight	200 kg (440 lbs)

* Machine specifications are subject to change without notice.

CVC 6088-1

Designed for automatic dosing and filling of powder and granulate products.

Accurate filling is achieved through servomotor driven auger rotation.

APPLICABLE PRODUCTS:

Pharmaceutical, nutraceutical, food products in powder or and granule.

SPECIAL FEATURES:

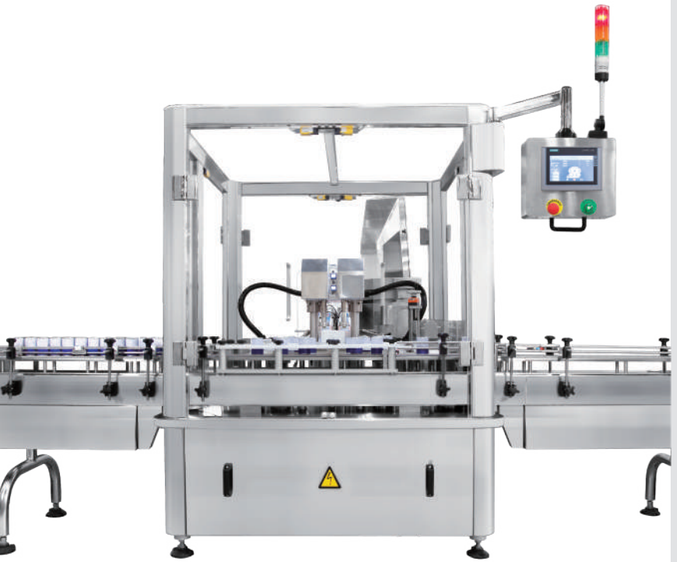
Multi head configuration to meet high speed requirements is available upon request

CVC 6088-1 Technical Specifications	
Power Source	220 V, 50/60 HZ, 3 PH
Power Consumption	2,600 VA (6.8 A)
Air Pressure	6 bar (87 psi)
Air Consumption	100 NL/min (3.5 CFM)
Machine Dimensions (L x W x H)	1,000 x 1,100 x 2,100 mm (approx) (3'-3" x 3'-7" x 6'-11")
Machine Weight	680 kg (1,499 lbs)

* Machine specifications are subject to change without notice.

CHUCK CAPPER

CVC 3034-2



The compact-designed CVC 3034-2 Chuck Capping System provides excellent capping performance with maximum output of 40 BPM (bottles per min.). The machine is great to integrate with a variety of bottle packaging lines.

Low maintenance cost and time:
With the use of servo main drive system, the CVC chuck capper requires only minimal maintenance.

STANDARD FEATURES

- 2 Servo driven capping heads
- Table top design features ease of machine cleanup and operator's access
- Stainless steel construction, meeting GMP regulations
- Servo motor driven system is applied for consistent torque application
- Siemens PLC and 7" Touch Screen Panel HMI
- Up to 50 Recipes which allow operator to perform quick storage and recall of capping job memory
- Main Drive System is servo motor driven
- Capping torque inspection system
- CE standard PC safety guard
- Type 304 stainless steel bin, frame, enclosure panels
- ISO 9001 : 2015 certified

· Vibratory plug sorter

· Plug pick and place

SPOON PLACING MACHINE

STANDARD FEATURES

- Designed to meet relevant cGMP guidelines, reducing cleanup and inspection
- Three-Head rotary spoon pick and place mechanism
- Stainless steel floor stand
- Screw adjustable for bottle height
- For spoon pick and place vacuum system
- Siemens PLC and 7" touch screen panel HMI
- Upstream and downstream surge control
- Missed spoon feed detector
- No bottle, no Spoon control

· Plug & Spoon

· Three-Head rotary spoon pick and place mechamism feeder

CVC 3034-SP

ROTARY CAPPER

CVC 3074-8

The compact-designed CVC 3074-8 rotary capping system provides the great performance and stability to satisfy the modern bulk production.

CVC Rotary Servo Capping Systems are available for the following types of capping applications:

- Plastic Screw-on caps
- Snap-on caps
- Push-in stoppers, and plugs

STANDARD FEATURES

- Production Output is up to 200 bottles per min
  (Actual output will be depending on customer's containers and caps. Our factory evaluation is required.)
- 8 Servo Driven Capping Heads
- Table top design features ease of machine cleanup and operator's access
- Stainless steel construction, meeting GMP regulations
- Servo motor driven system is applied for consistent torque application
- Siemens PLC and 12.1" Touch Screen Panel PC-based HMI
- Up to 500 Recipes which allow operator to perform quick storage and recall of capping job memory
- Main Drive System is servo motor driven
- Capping head up/down and rotation are individually driven by advanced Linmot liner motors and servo motors, which feature precise capping control and ease of adapting to a wide range of capping applications
- Capping torque inspection system
- CE standard PC safety guard
- Type 304 stainless steel bin, frame, cap disc and enclosure panels
- ISO 9001 : 2015 certified

- Capping head up/down and rotation are individually driven by advanced Linmot liner motors and servo motors.

Low maintenance cost and time:

With the use of servo main drive system, the CVC rotary capper requires only minimal maintenance.

AVAILABLE OPTIONS

- 21CFR Part 11 compliance
- OPC UA for data collection
- Cap Prefeeder (Cap Stock Elevator/ Hopper)
- Fallen bottle detection
- Bottle & cap detection system is used for foil liner and crooked caps detection
- Rejection system is in conjunction with verification devices to removing unqualified containers: cocked caps, missing foil liners, low capping torque level (if capping torque is lower than set torque)
- Rejection verification check
- Bottle format changeover parts
- Cap format changeover parts
- Cap contact parts: type 316 stainless steel

- Cap pick and place disc

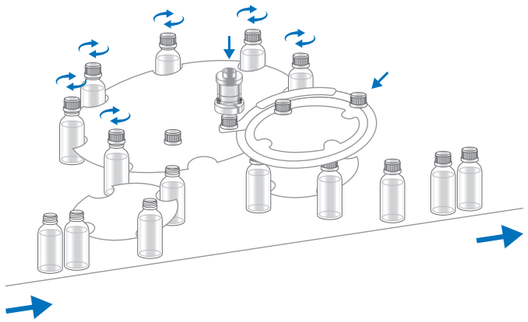
CVC 3074-8 Technical Specifications

No of Heads	8
Productivity	Up to 200 BPM (subject to trial confirmation)
Applicable Size	Bottle Dia.: Ø30-70 mm (1 1/4" to 2 3/4") Bottle with Cap Height: 65- 220 mm (2 5/8" to 8 1/2") Cap Dia.: Ø30-60 mm (1 1/4" to 2 1/4") Cap Height: 8-22 mm (1/8" to 7/8")
Applicable Product	Bottles shape: round and square bottles, irregular shaped bottle (*) Cap types: Screw caps, Press-on caps (**)
Power Source	380 V, 50/60 HZ, 3 PH
Power Consumption	10,000 VA (16 A)
Air Pressure	6 bar (87 psi)
Air Consumption	1,947 NL/min (68.8 CFM)
Machine Dimensions (L x W x H)	3,500 x 1,690 x 2,252 mm (Including conveyor) (11'-6" x 5'-7" x 7'-5")
Machine Weight	2,223 kg (4,900 lbs)
Noise Level	70-75 dB

* For irregular shaped bottles, please consult with CVC Engineering team.
** For press-on caps, please consult with CVC Engineering team.

PACKED PRODUCTS

MACHINE WORKING FLOW



CVC C1200

Companies that process and package products use checkweighers to make sure they do not sell too much or too little of the product in question to the end-user.

Checkweighers are also used for statistical analysis in the companies, strict quality control and cost reduction purposes.

The product is weighed while it is on the production line. Weight zones are defined for all products in advance and items that are not within their weight zone are rejected during production.

Checkweighers can carry out weighings while the conveyor moves either continuously or intermittently. The conveyor is not stopped when the product is being weighed in continuous mode. In intermittent mode, the product is stopped briefly on the checkweigher and weighed.

CVC 1430SS

The CVC 1430SS utilise a low power, high frequency, magnetic field coil system that has the ability to sense minute disturbances created by metal particles. A metal particle passing through the aperture of the detector creates changes in the magnetic field inside the detector.

STANDARD FEATURES

- User Interface: The metal detector incorporates a large 5.7" colour QVGA display with a touch screen user interface and Windows-style software using icons.
- Ultimate Detection Capability: The metal detector utilises Digital Signal Processor (DSP) technology and advanced signal processing techniques in order to optimise detection sensitivity to all types of metal contamination.
- Product Numbers: Up to 100 different products can be set up and stored individually in the memory of the metal detector.
- Automatic Setup: This feature allows the metal detector's operating frequency, phase and sensitivity controls to be set up automatically to allow reliable inspection of the product, at an optimized performance level.
- Reject Confirmation: The reject confirmation feature verifies the operation of the reject device. It works in parallel with the metal detector reject timer to ensure that a metal detection event successfully operates the reject device at the correct time or that the contaminated product is successfully rejected.

CVC 2000-TS

The CVC 2000-TS/ CVC 4000 induction cap sealing system is used to apply a hermetic seal over the mouth of a jar or bottle. These seals can provide evidence of tampering, preserve freshness, prevent pilferage, and provide leakage protection during handling or shipping.

STANDARD FEATURES

- Compact Design, easy for integrated with bottle packaging line to proceed foil sealing for bottles
- 5.7" Color Touch Screen, easy for operation and adjustment (CVC 2000-TS)
- Microprocessor control system to ensure the quality stability
- Allows output to follow conveyor speed
- Output Power: 2.25 KW/ 5.0 KW
- Password Protected Settings available (CVC 2000-TS)
- Event Log - can save 4,000 machine production events (CVC 2000-TS)
- 20 Recipes memory for quick access of product information (CVC 2000-TS)
- Control Panel is available as IP65 (options) for complete protection against wash-down routines in packaging line environments.

AVAILABLE OPTIONS

- Stalled bottle, missing foil, loose cap detection
- Reject device with verification
- Infeed bottle stop gate
- 3- color tower lamp
- Front safety shield
- CE model

CVC 2000-TS Technical Specifications	
Productivity	Up to 120 BPM (subject to trial confirmation)
Applicable Size	Cap Dia.: Ø30-110 mm (1 1/4"- 4 1/4")
Power Source	220V, 50/60 HZ, 1 PH
Power Consumption	2,250 VA (10.2 A)
Air Pressure	6 bar (87 psi)
Air Consumption	100 NL/min (3.5 CFM)
Machine Dimensions (L x W x H)	792 x 932 x 1,506 mm (2'-7" x 3'-1" x 4'-11")
Machine Weight	160 kg (353 lbs)
Noise Level	≤ 78 dB

* Machine specifications are subject to change without notice.

CVC 4000 Technical Specifications	
Productivity	Up to 200 BPM (subject to trial confirmation)
Applicable Size	Cap Dia.: Ø30-110 mm (1 1/4"- 4 1/4")
Power Source	220 V, 50/60 HZ, 3 PH
Power Consumption	5,100 VA (13.4 A)
Air Pressure	6 bar (87 psi)
Air Consumption	100 NL/min (3.5 CFM)
Machine Dimensions (L x W x H)	821 x 1,111 x 2,188 mm (2'-8" x 3'-8" x 7'-2")
Machine Weight	170 kg (375 lbs)
Noise Level	≤ 78 dB

* Machine specifications are subject to change without notice.

CVC 4000