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CAPPING MACHINE

NUTRACEUTICAL AND PHARMACEUTICAL PACKAGING LINE

SKU: TC4000 / CI3000 / CS3000 / IS3000 / LR3000 / RT1060



Nutraceutical and Pharmaceutical Packaging Line (Counter - Cotton Inserter - Capper - Labeller) mainly responds to the trend that the current society has gradually developed a tendency to care passively about the dietary intake and figure maintenance.

More and more people try to keep in shape and to balance the nutrients they need on a daily basis. In addition to ingesting the nutrients from the meals, supplementing some nutrients that are not adequately obtained in the diet is also considered.

Each nutrient or dietary supplement has been developed in a very mature and professional way. There are even various vitamin supplements, such as comprehensive vitamins, Functional supplements, or single-type nutrient replenishment, such as lutein, iron, B12, D3, calcium, etc..



Due to different nutrients having their special physical and chemical properties, the products will be in different shapes of tablets, capsules, sugar-coated tablets, and pills are presented.

The Nutraceutical and Pharmaceutical Packaging Line Meets The Needs Of Pharmaceutical Factory For Their Products.

To meet the large number of market demands, have you found that the traditional packaging way of counting and filling has not kept up with the supply of demand? For this time, you don't have to worry about it. We will provide you with a whole specific line for pharmaceutical and biotechnology factories.

We offer a complete range of specifications for your products, from counting, filling, sealing, labeling, to final product collecting. More than that, we also consider the protection of drugs for pharmaceuticals when designing the automatic production line for pharmaceutical products.

Therefore, we plan to install the cotton machine, which can be used to insert a fixed size of cotton after the product is filled into the bottle. For the health needs of people in the world, what are you hesitating for?



Send us your products right away, and we will work together to customize a fully automatic pharmaceutical counting packaging line for your products.

Features

1. The Nutraceutical and Pharmaceutical Packaging Line adopts double-exit hopper feeding, and the counting production efficiency is improved, and the counting is accurate and fast.
2. The Nutraceutical and Pharmaceutical Packaging Line uses a high-level PLC human-machine interface; the interface display is easy to understand and easy to operate, even a novice can easily get started.
3. Rotary counting design, accurate computer sensing, smooth operation, fast and accurate counting
4. The design of vibrating design makes feeding the counting machine smooth.
5. The cotton machine is equipped with a precision cutting mechanism to ensure the length of each piece of cotton is consistent and accurate.
6. The capping head of the capping machine can be arbitrarily replaced and used for a variety of cap specifications, which is convenient for the production line to change the bottles, and can be used in a wide range of industries and products.
7. Nutraceutical and Pharmaceutical Packaging Line has an overload active protection system for the product and machine. No bottle, no counting, and capping to save energy.
8. Synchronous control system of the counting machine production line, the filling cap can be accurately placed on the bottle and perfectly labeled.
9. Nutraceutical and Pharmaceutical Packaging Line has a whole PLC that controls production automatically to keep track of production progress
10. Specially-made cap feeding machines and capping machines are available to produce a variety of different cap sizes and different shapes of bottles.
11. Nutraceutical and Pharmaceutical Packaging Line is equipped with an adjustable pedestal and moving wheel, which can be fine-tuned for easy moving.
12. With a front-end automatic bottle feeder and a back-end automatic collecting turntable, it enables high-speed production and low manpower demand.
13. A round bottle labeling machine with a rolling module can smooth the label to make it perfectly fit on the bottle.
14. The buzzer device will alarm to remind the operator to reload the cap as long as the cap is short or has no cap.
15. Nutraceutical and Pharmaceutical Packaging Line has an automatic cap placing machine that can continuously place the caps without interrupting capping and doesn't need extra manpower.
16. Conveyor belt guardrail can be adjusted for various sizes of bottles to ensure accurate positioning.



17. The automatic round bottle labeling machine adopts comprehensive microcomputer control, which is easy to use and operate.
18. The bottle labeling machine can be equipped with a date coder with a bracket module, and complete the labeling and coding simultaneously.
19. The rolling device makes the labels completely fitted without sliding the square bottle can change the suitable module.
20. The mechanism is made of stainless steel of SUS#304 and high-quality aluminum alloy; the foundation is beautiful and durable as well.

Specification

Tablet Capsule Counting Machine:

- **Size:** (Dia.) 2 ~ 40mm (H) 2mm at least
- **Counting Speed:** 500 ~ 700 pcs/min
- **Counting accuracy:** 100%
- **Machine size:** (L) 1250mm (W) 1000mm (H) 1400mm
- **Weight:** 150KGS

Cotton Inserting Machine:

- **Speed:** 20-30bpm
- **Cotton type:** Strip cotton
- **Cotton length:** 1-12cm
- **Machine size:** (L) 600mm (W) 900mm (H) 1500mm
- **Weight:** 80KGS

Automatic Capping Machine

- **Cap type:** General screw cap, plastic cap, and round cap
- **Cap diameter:** 25 ~ 55mm
- **Capping speed:** 25-30BPM
- **Machine size:** (L) 1300mm (W) 1100mm (H) 1800mm
- **Weight:** 480KGS

Bottle Labeling Machine

- **Bottle Shape:** Round bottle, round can
- **Label type:** Non-transparent
- **Label size:** (Width) max. 100mm (Length) max. 300mm
- **Label roll:** (inner diameter) 75mm (outer diameter) 300mm
- **Machine size:** (L) 1400mm (W) 1000mm (H) 900mm
- **Weight:** 100KGS



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Power and Air pressure requirement:

- **Power supply:** 110/220VAC, 50/60Hz, 1 Phase
- **Air pressure requirement:** 90PSI/2CFM

Option Accessories

- Serial screensaver
- Feeding machine
- Rotary turntable
- Cap reloading machine
- Date coding machine

Category: [Capping Machine](#)



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AUTOMATIC DUAL SERVO MOTOR CAPPER

SKU: NCW-415S

Automatic Dual Servo Motor Capper can be easily adjusted with the capping head to meet different capping requirements. With a universal torque capping controlling system, there is no need to change the capping head to apply widely to various sizes of caps and bottles in round shape, square shape, or other containers.

According to the characteristics of different products, capping speed and other settings can be adjusted quickly and simply to meet various production needs, and the dual servo driving system can also enable the machine to cap accurately with high efficiency.

Features

1. Automatic Dual Servo Motor Capper has a smart PLC system with a high-quality color touchscreen, which makes it easy to set and operate.
2. Automatic Dual Servo Motor Capper is equipped with dual servo motors for highly accurate capping at high speeds.
3. Automatic Dual Servo Motor Capper has a precise, high torque design for high capping quality with proper tightness to prevent overcapping.
4. The height of the Automatic Dual Servo Motor Capper's capping head can be adjusted by hand wheel to fit various bottles and caps.
5. Torque adjustment by dual servo capping device to ensure perfect tightness to keep containers without damage.
6. Automatic Dual Servo Motor Capper is equipped with a protection device to prevent motors from overloading and burning out.
7. Universal use of the capping head for various caps with a precise buffer device to ensure the completeness of the containers and the caps.
8. High technological servo driving device makes accurate positioning and stops functioning while overloading to protect both the products and the machine automatically.
9. Saved settings with parameters for fast changeover for immediate production.
10. Automatic Dual Servo Motor Capper has a digital-controlled cap feeding chute for smooth cap feeding and precise positioning without displacement.
11. Automatic Dual Servo Motor Capper has an inline capping system that can be connected with an existing production line to promote production efficiency.
12. Advanced rigid PVC conveyor chain for durable and stable conveying.
13. Automatic Dual Servo Motor Capper has an automatic production



measuring and presetting system for the machine to stop operating when the preset production is reached to promote management efficiency.

14. Adopt precise Japanese sensors: while detecting a bottle jam, the machine will stop operating automatically; when the jam is relieved, the machine will also start functioning again automatically.
15. Automatic Dual Servo Motor Capper has a protection device for safety concerns for the operator(s).
16. Automatic Dual Servo Motor Capper is made of stainless steel for the base unit with a strong structure design, also to increase storage space at the same time.
17. Automatic Dual Servo Motor Capper is made of SUS#304 stainless steel and aluminum alloy for frame construction to comply with cGMP standard for easy maintenance and longevity.

Specification

- **Applicable bottles and caps:** widely applicable with various bottles and caps
- **Applicable caps:** 30~60mm (outer diameter)
- **Capping speed:** 30 bottles/min
- **Compressed air requirement:** 2~5 kg
- **Power supply:** 220 VAC; 50/60 Hz; Single phase
- **Dimensions:** (L) 1700 mm (W) 1200 mm (H) 1700 mm
- **Weight:** 500 Kg

Option Accessories

- Bottle loading device
- Automatic bottle feeding turntable
- Different types of capping heads
- Other types of chute
- Multi-capping heads

Category: [Capping Machine](#)



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AUTOMATIC CAPPER

SKU: CC4170

Automatic Capper CC4170 can be easily adjusted with the capping head to meet different capping requirements. With dual dual-clipping conveyor, all kinds of bottles can meet precise positions while caps are being fed and capped.

Features

1. Automatic Capper has a smart PLC system with a high-quality color touchscreen that makes it easy to set and operate.
2. Automatic Capper has a dual-clipping conveyor for precise bottle positioning.
3. Capping speed and timing are adjustable.
4. The height of the Automatic Capper's capping head can be adjusted by hand wheel to fit various bottles and caps.
5. Universal use of the capping head for various caps with a precise buffer device to ensure the completeness of the containers and the caps.
6. Automatic Capper has memory parameters to save downtime greatly.
7. Missing caps will be found automatically by the detection sensor.
8. Automatic Capper is made of stainless steel for the base unit with a strong structural design.
9. Automatic Capper is made of SUS#304 stainless steel and aluminum alloy for frame construction to comply with cGMP standard for easy maintenance and longevity.

Specification

- **Cap type:** all kinds of screw caps
- **Cap diameter:** 22~120 mm
- **Capping speed:** 20~40 bottles/ min
- **Air pressure requirement:** 6kg
- **Power supply:** 110V or 220VAC, 50/60Hz

Option Accessories

- Customized rotating wheel and sealing head
- Feeding tray
- Low storage and missing caps detection system

Category: [Capping Machine](#)



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TABLETOP SEMI-AUTOMATIC CAPPING MACHINE

SKU: NCW-100

Tabletop Semi-automatic Capping Machine can be placed in a workplace with limited space because of its small volume. Only the size of the table is needed to operate it when capping, and it is very mobile to move around for production. It has double functionalities of both cap capping and opening.

The solid and durable Tabletop Semi-automatic Capping Machine body is made of stainless steel and hardened aluminum alloy, and the height of the capping applicator can be adjusted according to the bottles' height without using any tools.

High Efficiency Tabletop Semi-Automatic Capping Machine

Besides, many optional capping applicators with different types give the machine an advantage to work with different caps. The universal semi-automatic capping machine can be widely used in the industry of food & beverage industry, pharmacy, cosmetics, and chemical engineering industries.

The spindle capping mode can fit into many kinds of plastic screw caps, round or square screw caps, duckbilled caps, round heads, PET bottle caps, pump caps, camera lenses, pharmacy bottle security caps and special product caps. Compact and user-friendly design makes it easy to use anywhere, ergonomically and economically.

Features

1. With wide applications, all plastic round caps, duckbilled bottles, and spray bottles are suitable.
2. Easy to learn and set up the capping torque in accordance with the tightness of bottles.
3. Semi-automatic capping machines have a buffering device beneath the bottle, avoiding ruptures of the bottle body.
4. Strong mobility with a light body design and not restricted by space.
5. Tabletop Semi-automatic Capping Machine fits into bottles with different heights and sizes.
6. Tabletop Semi-automatic Capping Machine replaces manpower to cap bottles, avoiding muscle injuries due to capping for a long period.
7. The inside of the capping applicator, covered with silicone material, causes no damage to the bottle caps.
8. The stainless steel and aluminum alloy-made machine body is



- stable and durable.
9. Both functionalities of cap capping and opening are for a wider application in business.
 10. Different options of capping applicator size to work with the corresponding caps.
 11. Capping torque allows for different levels of capping without loosening or overtightening.
 12. Tabletop Semi-automatic Capping Machine has a hand wheel for bottle height adjustment.
 13. Tabletop Semi-automatic Capping Machine is made of SUS#304 stainless steel and aluminum alloy frame construction.

Specification

- **Applicable Capping Type:** All kinds of screw caps
- **Capper Outer Diameter:** 30-60 mm
- **Capping Speed:** 20-30 bottles/min
- **Air Pressure Requirement:** 2-5 kg
- **Power Requirement:** 110V or 220VAC, 50/60Hz

Option Accessories

- Different-sized capping applicators

Category: [Capping Machine](#)



AUTOMATIC ALUMINUM ROPP CAPPING MACHINE

SKU: CR4000

Automatic aluminum ROPP capping machine uses an automatic aluminum cap feeding and capping machine for the high-speed production line. It adopts the servo motor-driven aluminum cap feeding and capping machine to sort, feed, and locate caps with stable torque by one machine. It simplifies the arrangement of the production site.

Rotary disks introduce bottles to the aluminum capping machine before locating and capping.

High Efficient Fast Automatic Aluminum ROPP Capping Machine

The aluminum ROPP capping applicators' torque can be set up on demand, and it does not overtighten. The parameter automated settings allow for entering torque values without manual adjustments. It fits for screw caps and aluminum caps and can work for glass and metal bottles without being restricted by materials.

The sizes of the aluminum caps are numerous for choice. The advanced pre-check system actively detects and removes screw threads mismatching to make sure the capping operation is perfect.

Automatic Aluminum ROPP Capping Machine fits in the industry of beverage, pharmacy, chemical engineering, cosmetics, and household supply to produce aluminum capping and packaging.

Automatic Aluminum ROPP Capping Machine has an accurate linear cutting cap screw system, combined with capping and labeling machines, to precisely cap the products as a middle and big size high efficient fast filling and capping production line.

Features

1. Integrated with an aluminum cap capping and tightening machine, it is easy to maintain.
2. Automatic Aluminum ROPP Capping Machine automatically sorts, feeds caps, and locates bottles to cap efficiently.
3. Automatic Aluminum ROPP Capping Machine's rotary disk mechanism of the bottle cap locating system automatically sorts and feeds caps with no jams.
4. Aluminum high-speed capping can reach more than 30 caps per minute, according to the product.
5. Automatic Aluminum ROPP Capping Machine's capping applicator uses a brushless DC electric motor to cap with a stable torque.
6. Capping components adopt standard specifications, and it is



- easy to install more machines with a more secure quality.
7. Highly sophisticated linear cutting screw cap system can close and tighten caps precisely.
 8. Humanized and advanced cap feeding mechanism design lowers noise.
 9. The conveyor uses Top-Chain GRP conveying chain to work stably.
 10. Multiple sizes of capping applicators can be switched swiftly for different types of containers and caps.
 11. Automatic Aluminum ROPP Capping Machine's servo motor-driven cap closing system can cap and tighten perfectly.
 12. Only a few components are needed to convey bottles of different sizes.
 13. The difference in height between the machine and the bottle can be adjusted by the hand wheel easily without any tools.
 14. Safety devices avoid overloaded operations.
 15. The comprehensive quality control pre-check system makes sure capping process without the problems of screw thread mismatching and damaged caps.
 16. Security buttons ensure quality and safety.
 17. Few components need to be changed to feed bottles of different sizes
 18. Production counters allow for setting up daily productivity and notifying when reaching the goal.
 19. The automatic aluminum ROPP capping machine is made of high-class SUS304 stainless steel and high-standard hardened aluminum alloy, making it solid and durable.
 20. With constant and stable torque, the tightness and the speed are adjustable according to the product's needs.

Specification

- **Driving Device:** Brushless DC electric motor
- **Capping Type:** Any kind of aluminum caps
- **Capping Speed:** 30-40 bottles/min
- **Air Pressure:** 5kg
- **Power Requirement:** 220VAC, 50/60Hz
- **Size:** (L) 2500mm (W) 1200 mm (H) 1600mm

Option Accessories

- Collecting round table
- Automatic infeed rotary table
- Automatic cap-complementing machine
- Human-machine interface
- Sophisticated CCD detection monitor device to examine the fluency of the capping production line
- An air compressor is needed

Category: [Capping Machine](#)



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SEMI-AUTOMATIC ALUMINUM SCREW CAPPING MACHINE (ROPP CAPPER)

SKU: CR1000

Semi-Automatic Aluminum Screw Capping Machine CR1000 is suitable for products sealed with spiral aluminum cap products, such as wine bottles, olive oil, edible oil, seasoning, functional health drinks, high strength distilled alcohols such as vodka, whiskey, rum, sorghum, and liquid pharmaceuticals.

Semi-Automatic aluminum Screw Capping machine (ROPP Capper) is commonly referred to as ROPP capping machine, also known as Anti-theft Aluminum Cap Capping Machine. The aluminum cap capping is the ideal packaging form to prevent any product from being broken or opened.

Semi-Automatic aluminum Screw Capping machine (ROPP Capper)'s capping head can also be used to seal aluminum screw caps on standard plastic bottles.

Semi-Automatic Aluminum Cap Capping Machine is easy to operate. Put the lid on the container, place the bottle on the capping machine platform, and press the button. The Semi-Automatic aluminum Screw Capping machine (ROPP Capper) platform will automatically rise to screw the cap to the container bottle.

The whole capping process only takes a few seconds to screw the cap with high and stable torque, efficiently achieving the precision capping seal.

Precise Wire-Cut Capping System, Good Sealing Quality.

Semi-Automatic aluminum Screw Capping machine (ROPP Capper) adopts a precise wire-cut capping system, equipped with four roller capping chucks.

It adopts an electric rotary capping head for structure sealing, which provides continuous and stable torque to ensure the sealing of cap and bottle mouth to complete the perfect aluminum cap screw sealing operation and achieve high precision capping quality.

The tightness of the cap can be adjusted and changed to suit different containers and cap sizes, and the height of the cap according to the container height.

Bottle Positioning Device Enhances Capping Quality and Accuracy.

Semi-Automatic Aluminum Cap Capping Machine is equipped with a positioning device to avoid distorted bottles, jammed bottles, inaccurate



positioning, and other adverse effects to improve capping quality and accuracy. The machine is easy to operate, quick to learn, and easily switched on or off according to the operation mode.

One operator can carry out production to achieve better productivity and standardization.

Each capping head can only seal one size of caps, and if you want to seal different cap sizes, you don't need to buy a new capping machine. You can easily replace the optional capping heads for various operations to significantly improve the machine's production efficiency.

The Semi-Automatic aluminum Screw Capping machine (ROPP Capper) CR1000 is the best packaging machine for small and medium-sized production to achieve the best functionality of aluminum cap capping.

Product Advantages:

- Suitable for all kinds of long and short aluminum caps or aluminum alloy caps.
- One capping machine can achieve the best aluminum capping and packaging.
- Low noise, low power dissipation.
- Easy to use, high durability, improve work efficiency, and reduce costs.
- High precision capping, anti-theft, and avoiding liquid leakage.

Application & Advantage

Applicable Caps

Screw caps, ROPP caps, Aluminum Pilfer Proof caps, short aluminum caps, Stelvin screw caps, Aluminum Screw Cap for BVS Bottle, Aluminum Pre-threaded Screw Cap, etc. are all suitable.

Applications

Alcoholic beverages, functional beverages, dairy products, sesame oil, olive oil, red wines, seasonings, small volume beverages, sample wines, spirits, concentrated fruit juices, syrups, enzyme beverages, vitamin drinks, health foods, chemicals, liquid pharmaceutical medicines such as cold syrup, oral liquids, disinfectant alcohol, cosmetics, toiletries, lubricants, etc.

Application Industry



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Pharmaceutical industry, chemical industry, health food, food and beverage industry, biotechnology industry, daily necessities industry, etc.

ROPP Cap Size Range

18 to 32 mm

Capping Method

Crimping





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Features

1. Semi-Automatic Aluminum Screw Capping machine (ROPP Capper) is suitable for anti-theft products that ensure the original seal of the products.
2. Semi-Automatic Aluminum Screw Capping machine (ROPP Capper) is suitable for aluminum ROPP bottle caps.
3. Semi-Automatic Aluminum Screw Capping machine (ROPP Capper) is sealing up to 15 containers per minute.
4. Semi-Automatic Aluminum Screw Capping machine (ROPP Capper) prevents leakage of pharmaceuticals, beverages, and food products, is easy to operate, and increases efficiency.
5. Semi-Automatic Aluminum Screw Capping machine (ROPP Capper) allows the capping head to be changed on the same capping machine for different cap sizes.
6. Simple height adjustment, easy and fast setting.
7. High-torque rotating cap, easy to finish the bottle sealing.
8. Bottle Mouth Positioning Device provides high capping quality and precision.
9. Semi-Automatic Aluminum Screw Capping machine (ROPP Capper) can easily switch on or off to ensure staff production with simple operation.
10. Semi-Automatic Aluminum Screw Capping machine (ROPP Capper) is equipped with an emergency stop button device to provide operator safety protection.
11. Integrated structure of aluminum cap sealing machine and aluminum cap press, easy maintenance, and convenience.
12. Semi-Automatic Aluminum Screw Capping machine (ROPP Capper) can be applied to different container diameters without replacing parts.
13. The machine size of CR1000 is equivalent to a desktop water dispenser, not limited by space, suitable for enterprises with small and medium-sized production space.
14. Semi-Automatic Aluminum Screw Capping machine (ROPP Capper) is applicable to a wide range of products, convenient for diversified production.
15. The capping tightness and capping speed can be adjusted according to product requirements.



16. Semi-Automatic Aluminum Screw Capping machine (ROPP Capper)'s customized capping head is optional for replacing corresponding parts to produce various sizes of products with one capping machine.
17. Semi-Automatic Aluminum Screw Capping machine (ROPP Capper) is made of high-grade SUS304 stainless steel and high-specification hardened aluminum alloy, stable and durable.
18. The capping machine is made in Taiwan from design to manufacture, with excellent quality and perfect service.
19. We provide complete after-sales service and training.
20. The compact structure and sleek body of the capping machine can be widely used in industries.
21. Acrylic protective cover ensures the safety of the operator.
22. Meet different country specifications and provide a suitable power demand configuration.

Specification

- **Automation Level:** Semi-automatic
- **Capping Head:** 1 pc
- **Capping Speed:** 5~15 bottles/min (varies according to user operation)
- **(ROPP) Aluminum Cap Specification:** 18 to 32 mm
- **Power Requirement:** 110/220VAC, 50/60Hz
- **Machine Weight:** 90 kg
- **Machine Size:** 320x457x1026mm
- *Dimensions may vary depending on bottle and cap size; detailed specifications are subject to actual shipment.

Option Accessories

- Mobile cart
- Customized capping head
- You need to have an air compressor.
- Foot-operated control switch

Category: [Capping Machine](#)



AUTOMATIC INDEXING SPINDLE CAPPING MACHINE

SKU: CS3000

Automatic indexing spindle capping machine uses the universal gripper to cap with proper torque, and it feeds straightforwardly with fast speed. Many optional types of applicators are available, and they are applicable for general plastic caps, PET caps, downward pressing caps, safe pump heads and screw caps.

Automatic Indexing Spindle Capping Machine can also cap special duckbilled caps, breaking through the limits of capping machines with specialized specifications.



High Efficiency Automatic Indexing Spindle Capping Machine

Automatic Indexing Spindle Capping Machine NCW-310 is the best choice for various bottles with small production. Capping height and speed are adjusted by hand wheel and speed knob easily, there is no complex parameter setting or interface.

Automatic Indexing Spindle Capping Machine will guide bottles and start capping right after the caps are placed by the operator.

The double AC motor-driven automatic indexing spindle capping machine can stabilize the capping force and speed. The gripping mechanism covered by rubber can avoid the mechanical impact, keeping the surface of the caps intact when capping. The fine-tuning Automatic Indexing Spindle Capping Machine uses an inverter to change tightness and speed settings.

The automatic indexing spindle capping machine is suitable for the industry of cosmetics, pharmacy, food & beverage to cap and seal. The mechanism design is easy to learn and to adjust for different products' needs. Automatic Indexing Spindle Capping Machine is also fitting in the needs of products with a small amount but various kinds.

Features

1. Universal grippers are suitable for any kind of caps with adjustable torque settings.
2. High torque adjusting functionality is easy to set up, and it can enhance the capping quality with no overtightening.
3. Straight bottle feeding and capping process with the present production line or filling machines increases productivity.
4. Automatic Indexing Spindle Capping Machine has a double AC motor-driven mechanism that provides stable capping speed and force.



5. Automatic Indexing Spindle Capping Machine's pneumatically driven capping mechanism improves up efficiency of conveying.
6. Hand wheels can adjust product height manually.
7. Automatic Indexing Spindle Capping Machine has an automatic digital control that can adjust according to the bottle's height, and the mechanism provides two options.
8. The contact roller on the capping machine can adjust the speed according to different bottles for higher accuracy.
9. The best Taiwanese brand inverters help change the tightness and stabilize the speed.
10. Strong supportive ability and mobility with wheels and stands beneath it.
11. Double activation modes of the automatic photoelectric sensor or pedal continual control with a security device prevent improper operations.
12. Automatic Indexing Spindle Capping Machine has security mechanisms in the production line that can ensure the safety of operators.
13. The buffering mechanism keeps bottles intact.
14. Automatic Indexing Spindle Capping Machine is made of high-class SUS304 stainless steel and high-standard hardened aluminum alloy, making it easy to maintain and durable.

Specification

- **Bottle cap type:** Any kind of plastic cap, capping, and closing
- **Bottle diameter:** 30-60 mm
- **Air Pressure requirement:** 2 - 5 kg
- **Power requirement:** Single phase 100 or 220 VAC, 50/60 Hz
- **Size:** (L) 2000mm (W) 1000mm (H) 1300mm
- **Weight:** 200kg

Option Accessories

- Infeed rotary table and collecting round table
- Automatic Labeling Machine
- Date Coding Machine
- Automatic cap-complementing machine

Photo Gallery



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CAP TIGHTENER MACHINE (SERVO RETORQUER CAPPING MACHINE)

SKU: CG2170

Cap Tightener Machine (Servo Retorquer Capping Machine) provides stable capping torque. The electronic cap tightening machine's gearing-driven control does not overtighten or loosen caps.

Single-head servo retorquer capping machine's capping applicator is the only component that needs to be switched while changing caps, so it can apply to multiple sizes of caps. The production conditions can be adjusted in accordance with the sizes and caps of bottles.

High Efficiency Cap Tightener Machine

Cap tightener machines are suitable for any size of plastic round caps, pump heads, downward pressing caps, duckbilled caps, spray caps, screw caps, round heads and safety caps in many industries. Cap Tightener Machine can be applied to the industry of beverages, food, biotech, chemical engineering, pharmacy, and machinery.

Using a human-machine touch interface to set up the capping torque, the applicator can immediately tighten the caps right after it presses downward, causing no wrist injuries due to repeated movements. Only applicators are changed when changing over, and the adjustment of the speed needs no tools.

Cap tightener machine can work efficiently for the best productivity. The high torque capping machine not only can operate by itself, but also upgrade to an automatic package line of filling and capping by connecting a filling machine. Therefore, Cap Tightener Machine is an economical machine with good capping quality.

Features

1. Cap Tightener Machine (Servo Retorquer Capping Machine) is a high-class type with economical prices for many kinds of caps.
2. Many types of screw caps are available; suitable for change-overs.
3. Cap Tightener Machine (Servo Retorquer Capping Machine) is practical, solid, and durable; no tools are needed when adjusting.
4. Cap Tightener Machine (Servo Retorquer Capping Machine) has an advanced servo system that controls the tightness with the best specifications of all kinds.
5. Coordinate with the thickness and material of products to adjust the tightness of capping.
6. The capping applicator of high quality perfectly tightens caps.



7. Cap Tightener Machine fits into many kinds of caps, such as multiple pump heads, duckbilled caps, and round heads, etc.
8. Wheels make it mobile and easy to move around to work with the production line.
9. Easy machinery adjustments by hand wheels, collaborating with the height and the width.
10. High torque adjusting structure design closes caps with a high yield rate.
11. No need to worry about screw thread mismatching or liquid leakage due to the good quality of capping.
12. Easy operation on the production line.
13. Cap Tightener Machine (Servo Retorquer Capping Machine) is made of SUS#304 stainless steel and aluminum alloy frame construction.
14. Cap Tightener Machine (Servo Retorquer Capping Machine) is easy to learn and set up torque with a human-machine interface.
15. The buffer device underneath the capping machine can reduce the impact of the bottle and the cap to ensure they are intact.
16. A fast downward pressing capping machine finishes the job quickly.

Specification

- **Cap type:** all kinds
- **Cap outer diameter:** 30-60 mm
- **Capping speed:** 20-30 bottles/min
- **Air pressure requirement:** 2-5kg
- **Power requirement:** 110/220VAC, 50/60Hz
- **Machine size:** (L) 600mm (W) 600mm (H) 1300mm

Option Accessories

- Precise sensor control

Category: [Capping Machine](#)



PNEUMATIC SEMI-AUTOMATIC CAPPING MACHINE

SKU: CC1000

Pneumatic Semi-Automatic Capping Machine is a single-head capping machine. It is small and suitable for small spaces. The advantages are: it needs only one operator, it has no limitation of space, and it starts working right after connecting power.

The tabletop capping machine can quickly produce packaging to avoid operators' wrist injuries due to too much capping. It is free to set up torque to adjust the tightness without loosening. Different applicators need to be changed for switching to other types of caps.

High Quality Pneumatic Semi-Automatic Capping Machine

The pneumatic semi-automatic capping machine can be used in the food, pharmacy, and chemical industries that require plastic cap capping. The common applications are: PET bottle caps, round bottle caps, beverage bottle caps, duckbilled caps, safety caps and safety screw caps to accelerate the production.

Pneumatic Semi-Automatic Capping Machine is highly solid and durable, with high load-carrying capacity. It is environmentally friendly with low cost of energy, so this is the best choice for the middle and small production of cap capping.

Features

1. A buffering device underneath the pneumatic semi-automatic capping machine keeps the caps intact.
2. Only capping applicators need to be changed when changing over; many types of applicators for options.
3. Bottle heights can be adjusted by the hand wheel easily and conveniently.
4. The pneumatic semi-automatic capping machine is light and small, and it is mobile to move around to any other workplace.
5. The capping machine can adjust speeds according to the productivity with high capping stability.
6. Avoid wrist injuries due to manual capping and cap loosening.
7. Pneumatic Semi-Automatic Capping Machine is simple to set up the torque settings in accordance with the bottles.
8. The machine body structure is solid and durable, with strengthened loading ability.
9. Pneumatic Semi-Automatic Capping Machine is suitable for plastic bottle caps, spray heads, duckbilled bottle caps, and round heads, etc.



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10. Capping timing and the period are adjusted by a rotary disk for different needs.
11. High torque adjusting design has a high yield rate in capping.
12. Small cappers can fit into all kinds of bottles with a surface.
13. Pneumatic Semi-Automatic Capping Machine is made of high-class SUS 304 stainless steel and hardened aluminum alloy.
14. Double-activating production modes with either manual or pedal activation.

Specification

- **Bottle size:** height 200mm
- **Capping speed:** 20 bottles/min (adjustable according to the sizes of bottles and caps)
- **Cap outer diameter:** less than 50 mm
- **Power requirement:** 220VAC, 50/60Hz
- **Machine size:** (L) 350mm (W) 280 mm (H) 800mm

Category: [Capping Machine](#)



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AUTOMATIC VIAL CRIMPER

SKU: CV3000

Automatic vial crimper adopts a rotary disk to close bottle aluminum caps. The vial crimper can shorten the production time, and the pneumatic system controls the tightness to keep the quality of the production steady.

Many types of capping applicators are available for different sizes of containers, so they can widen the range of production, stabilize the bottles, and increase the speed of capping efficiency and productivity.

High Quality Automatic Vial Crimper

Automatic vial crimper fits in small bottle aluminum caps, such as aluminum caps of injections, pharmaceutical caps, ampoule caps, perfume & cosmetics caps, contact lenses, and essence & spray product caps.

The most common applications are in the industry of cosmetics, pharmacy, chemical engineering, and food etc. We provide the most comprehensive services of the small-sized bottle automatic filling and capping machine.

Features

1. With different options of grippers, the capping machine can extend the productive range.
2. Rotary disk feeds and locates caps efficiently and precisely.
3. Standard module design with solid quality control.
4. Pneumatically control the tightness to maintain the quality.
5. A capping applicator with buffering devices keeps the appearance intact.
6. Safety devices avoid danger from improper operations.
7. Automatic Vial Crimper is made of SUS304 stainless steel and high-class aluminum alloy, solid and durable.
8. Automatic Vial Crimper is mobile with a stainless-steel stand design to fit in many kinds of workplaces.
9. Stabilizing the speed of gripping and capping to comprehensively increase the efficiency.
10. Automatic Vial Crimper's speed of production is adjustable, collaborating with filling and labeling machines to be an automatic production line.
11. Automatic Vial Crimper's rotary disk can be customized according to the sizes of containers.



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Specification

- **Capping speed:** 20-40 pcs/min (depending on the size of bottles and caps)
- **Cap types:** Aluminum caps for the vial
- **Air pressure requirement:** 5 kg
- **Voltage:** 110 or 220 VAC
- **Driving device:** Brushless DC electric motor

Option Accessories

- PLC & HMI
- Automatic cap feeding machine
- Automatic infeed rotary table
- Collecting turntable
- Anti-dust protective case

Category: [Capping Machine](#)



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TABLETOP VIAL CRIMPING MACHINE

SKU: CV1000

Tabletop vial crimping machine CV1000, also called **vial aluminum cap capping machine**, is a small-size vial crimping machine. It is suitable for injections, essences, vials, skin care product and contact lotions, etc., which need the aluminum cap sealing.

The sealing system can cooperate with the tightness needs of caps to freely adjust, adopting pneumatic control to cap fast and keep it intact.

High Quality Tabletop Vial Crimping Machine

Tabletop vial crimping machine is able to be adjusted freely according to the height of bottles, and it is light and mobile to move around without occupying too much space. Tabletop vial crimping machine is firm and durable and it is easy to maintain.

Therefore, Tabletop vial crimping machine is suitable for pharmacy, cosmetics industry, and bio-chemistry industry to work with. The capping is fast and economical on manpower.

The tabletop vial crimping machine has many types of applications in accord with multiple production line with shared high efficiency, which is the best solution to mid- and small-business of aluminum cap capping machine.

Features

Tabletop vial crimping machine CV100:

1. Humanizing design, user-friendly operation and the best helper of aluminum cap closing and capping
2. Pneumatic aluminum cap capping machines are suitable for a big amount of capping operation with advantages of efficiency and manpower saving.
3. The delicate and light Tabletop vial crimping machine is mobile and space-efficient.
4. Mobile and small-sized Tabletop Vial Crimping Machine provides all kinds of bottles to cap.
5. Tabletop vial crimping machine is easy to operate and maintain; capping saves time and manpower safely and efficiently
6. Many different types of capping applications, are available for diverse kinds of bottle aluminum caps.
7. Tabletop Vial Crimping Machine with its standardized module manufacture, quality control is reliable
8. The tightness is adjustable to maintain the appearance of caps
9. The fast capping needs of medical skin care bottles, small vials



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and small injections can be satisfied.

Specification

- Weight: 5.5 kg (12 lbs)
- Applicator size: 13mm, 15mm, 20mm
- Machine volume: 20cm x 19cm x 35cm
- Equipment Needed: Air compressor with 1 horsepower and above

Photo Gallery





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Category: [Capping Machine](#)

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AUTOMATIC BOTTLE CAPPING MACHINE

SKU: CS4150

Automatic bottle capping machine CS4150 integrates cap feeding, cap placing and capping functions in one fully automatic capping machine that saving your space and production cost.

Automatic bottle capping machine equipped with high-end servo motor that can be operated and adjusted easily, and it can be apply to many different industry areas.

The capping torque can be adjusted according to the cap you used, and the stable capping torque prevents cap damage happening. Also, Automatic bottle capping machine can finish the whole capping procedure in a short period of time.

There are multiple optional easy-changing capping heads for different size of caps, and be able to use on various kind of bottles and caps. It can be widely applied to various kinds of caps for medicine, food and beverage, toiletries and cosmetic industries, etc. And saves production space as well as maximize production efficiency.

Automatic bottle capping machine That Has 3 Functions In 1 Machine, Saving Your Space And Improving Production Efficiency

Fully Automatic bottle capping machine is driven by servo motor which can be adjusted easily and have appropriate torque. Linear conveyer can shorten the time needed for bottle transportation and prevent the noise made up by common star wheel design.

The cap feeder with ergonomic design made cap refeed easily. The vertical automatic cap-placing system has high positioning accuracy, and the capping head module can be easy change-over for different cap size.

Automatic bottle capping machine integrates cap feeding, cap placing and capping functions in one frame / operation system that saving the space and energy, and it can connect to other packing machine easily. Also, with fully digital HMI settings, there is no more manual mechanical adjustment needed for the machine.

Features

1. Capping torque is controlled by high-end servo, which means there is no need to worry about the reliability and consistency in the long run.
2. Automatic bottle capping machine is easy to operate with colored HMI touch screen and PLC logic control system.



3. 3 in 1 automatic bottle capping machine make all cap feeding, cap placing and capping functions in one machine, providing more efficiency.
4. Memory parameters to save re-setting time greatly. There is no need to reset the machine when product change over.
5. Automatic bottle capping machine is made of SUS#304 stainless steel and aluminum alloy for frame construction for easy maintenance and longevity.
6. The position of capping head module can be adjusted according to different bottle size.
7. Automatic bottle capping machine is equipped with cap feeding and able to locate to bottle rims for high accurate capping in high speed.
8. Automatic bottle cap place the cap to the mouth of the bottle vertically with linear bottle conveyance linked to servo motor, reducing the capping error rate.
9. There are multiple optional capping heads for different size of caps, and be able to use on various kind of bottles and caps.
10. Adopt precise Japanese sensors; ensure smooth conveying without bottle jam.
11. Monitoring your capability with production counting function
12. Precise positioning on cap placing can save your manpower and accelerate production speed.
13. The overload protection design prevents products and machine from damage, and the machine is going to stop automatically if there are no caps.
14. Emergency stop bottom for operator safety.
15. Automatic operation and control complies with cGMP standard.
16. Automatic bottle capping machine is suitable for different size of bottles and caps, and can avoiding cap damage with proper motor torque.
17. The width of conveyor can be customized according to your product.
18. Customized optional accessories are available depends on your requirement.
19. Automatic bottle capping machine can be applied to pharmaceutical, beverage, cosmetic and chemical industry.
20. Safety devices with security buttons ensure quality and safety of the operator.
21. Capping head can be adjusted to meet different capping requirements.
22. Pneumatic capping module provides stronger, quick method of shifting.
23. Precise high torque design for high capping quality with proper tightness to prevent from overcapping.
24. Accurately detecting bottles; stop operating when bottle jam; no capping when no bottle.

Specification

- **Cap Diameter:** All kinds of screw caps
- **Capping Speed:** 20 ~ 30 BPM



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- **Cap Type:** 20 ~ 80mm
- **Air Pressure:** 60 MPa
- **Power Supply:** 220 VAC ; 50 Hz ; Single phase
- **Dimension:** (Length) 2468mm (Width) 1111mm (Height) 2485mm

Option Accessories

- Bottle conveyor module.
- Infeed turntable.
- Different types of cap placing track.
- Capping head for different cap types.

Category: [Capping Machine](#)



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TABLETOP SCREW CAPPING MACHINE

SKU: CS1000

Tabletop Screw Capping Machine can do capping on a various kind of screw caps such as plastic round bottle cap, aluminum cap, spray bottle cap, duckbill bottle cap, iron caps, and can easily apply to many different industries unlimited.

Tabletop screw capping machine has new mechanism integration design that has much more compact machine frame and less space is needed comparing to tabletop semi-automatic capping machine CS1000.

By Integrating all control and operation system in one interface, the machine operator can do capping in lesser space and shorter period of time. Because the torque motor control system remains capping consistency in the long run, you don't need to worry about it.

Tabletop Screw Capping Machine That Can Use On A Various Of Caps Provide High Cost-Performance Ratio

Tabletop screw capper CS1000 is simple to set-up and easy to operate, and its torque motor control capping tightness that can meet requirements for different industries.

This semi-automatic capping machine has advantage on its widely use range, and you don't need to change the capping head because of different cap size/height. Also, the solid construction of the machine means less spare parts are needed in the future.

Advantages

1. Cap various round bottles with one machine.
2. Rubber wheel protect your cap and container.
3. Microcomputer control panel to adjust parameters is easy to use.
4. Product replacement is simple and fast.
5. Suitable for small space operation.

Application & Advantage

Suitable for

Products with screw-on caps such as edible oil, sauces, wine bottles, medicine bottles, tea cans, lotions, shampoos, detergents, perfumes, lipsticks, lip gloss, plastic bottles, glass bottles, aluminum cans, iron cans, etc.

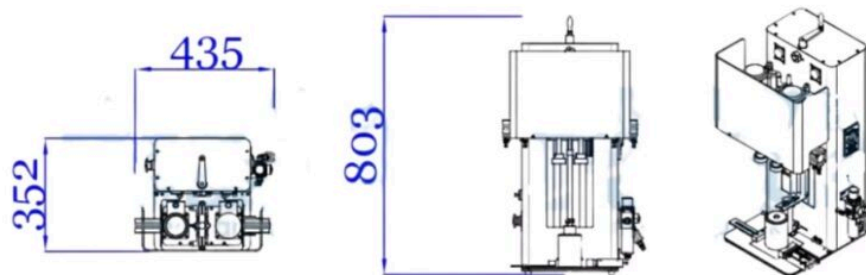


Suitable Caps

Screw-on caps such as plastic round bottle caps, aluminum caps, spray bottle caps, duckbill bottle caps, iron caps, tamper-proof caps, child-safe caps.

Capping style

Screw-on capping.



Features

1. Tabletop Screw Capping Machine's compact design suitable for limited space and easy to be moved to anywhere.
2. Tabletop Screw Capping Machine is adjustable according to the bottle height, being able to apply to multiple product types.
3. The torque motor control system remains capping consistency in the long run.



4. There is no need to change the capping head for different cap sizes, easy product changeover.
5. The Tabletop Screw Capping Machine is equipped with hand wheel for tool-free height adjustment.
6. Capping mode: can switch between auto/ semi-auto (pedal) mode depending on your capacity.
7. Single capping machine can meet the requirements for both small scale and mass production.
8. All capping heads have buffering material for caps protection.
9. Tabletop Screw Capping Machine is built to last: all machine was made of stainless steel and harden aluminum alloy.
10. The screw capping torque can be adjusted easily for appropriate tightness.
11. High standard stainless cover shell protects the machine from ash and dust, making it easy to clean.
12. Environmental friendly design and less supply needed.
13. All mechanisms are close to operator's working area, improving work efficiency.
14. Tabletop Screw Capping Machine is simple to operate because there is no complicate program setting.
15. Tabletop Screw Capping Machine can be applied to any screw caps for plastic bottle, wine, metal bottle and so on.
16. Fast changeovers between bottles or caps.

Option Accessories

- Customized capping head
- Spare parts: rubber wheel
- Table kart

Photo Gallery



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CS1000

Category: [Capping Machine](#)

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HIGH-SPEED SPINDLE CAPPING MACHINE

SKU: CCS3000

High-speed Spindle capping machine CCS3000 is a high speed capping machine, and can be used for any kind of caps, such as screw caps, plastic round bottle caps, spray bottle caps, pump caps, metal caps, flip-top caps and more.

The universal grippers are able to handle any of these caps with the proper torque and stable capping force, while the capping time and height are adjustable to optimize capping. Capping speed can reach up to 100 bottles per minute.

The High-speed Spindle capping machine CCS3000 is programmed with a PLC system, and uses a colored HMI touchscreen. The capping machine also has waterproof sensors and meets both cGMP standards.

High-speed Spindle capping machine can easily be connected to other machines in a production line, and is designed for quick changeover between products, with automatic operation and controls. It's easy to catch any issues with the tri-color light warning system, and the bottle jam detection sensor.

The capping counter also keeps track of production so any problems can be found quickly.

The High-speed Spindle capping machine CCS3000 is highly customizable, with a large number of available add-ons. The conveyor's width can be customized, and the capper can be paired with an optional cap feeding device or cap reloader.

There are infeed and outfeed turntables available to feed and collect product, and a filler and labeler can be added to create a full production line. A bottle rejector can also be added to remove any bottles that do not meet production standards.

Advantages

1. Universal grippers, suitable for any cap
2. Adjustable capping time and height provides high capping flexibility
3. Automatic operation and control complies with cGMP standard
4. Can be used as part of a production line
5. Motor-controlled cappers for stability and strength

Application & Advantage



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Suitable Industries

Pharmaceutical, cosmetics, chemical, food and drink.

Suitable Caps

General plastic caps, PET caps, downward pressing caps, safe pump heads, duckbill caps, and screw caps.

Capping Method

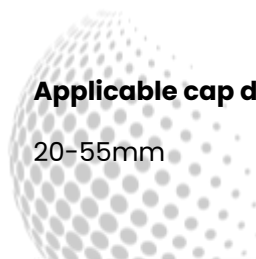
Screw-on

Capping Speed

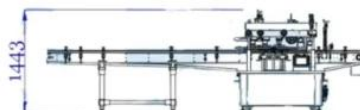
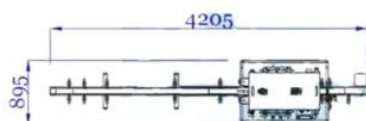
50~100 BPM

Applicable cap diameter

20-55mm



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Features

1. High-speed Spindle capping machine can be used for: general plastic caps, PET caps, downward pressing caps, safe pump



- heads, duckbill caps, and screw caps
2. Rubber capping wheels protect caps and ensure firm gripping
 3. Precise high torque design for high capping quality with proper tightness to prevent over-capping
 4. High-speed Spindle capping machine is driven by adjustable AC motor
 5. Linear capping process, perfect for linking up with other machines
 6. High-speed Spindle capping machine is easy to use; long-lasting with proper maintenance
 7. Customizable conveyor width
 8. Multiple adjustment modules, with both manual and automatic adjustments for capping height
 9. Control panel includes production parameters, which can be saved and used as needed to save line changing time
 10. Safety devices to prevent improper operating and protect workers
 11. High-speed Spindle capping machine is made of SUS#304 stainless steel and aluminum for easy maintenance and cleaning
 12. High-speed Spindle capping machine is programmed with PLC
 13. User-friendly HMI color touchscreen, with simple maintenance instructions
 14. Capping output counter to track production levels
 15. Emergency stop button
 16. Three-color warning light
 17. IP65 machine shell which offer complete protection against particles, and a good level of protection against water.
 18. High-speed Spindle capping machine can be moved as needed, mobile and ready to work anywhere
 19. Bottle jam detection sensor and alarm, with automatic machine stopping
 20. High-speed Spindle capping machine can be used for a full line (bottle washing → filling → capping → labeling)

Specification

- **Applicable cap type:** Screw caps / Pump / Spray / Mushroom-Shaped Cap
- **Capping Speed:** 50~100 BPM
- **Applicable cap diameter:** 20-55mm
- **Bottle type:** Round bottle, Square bottle
- **Bottle applicable:** Bottle height: 50 ~ 150 mm / Bottle diameter: 30 ~ 100 mm
- **Capping speed:** 50~100 bottles / min
- **Power supply:** 110 or 220VAC, 50/60Hz , single phase
- **Air Requirement:** 2~6 kg/cm²
- **Machine Dimensions:** (L) 4200mm (W) 900mm (H) 1450mm
- * Actual product specifications may vary

Option Accessories

- Automatic cap feeding device



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- Waterfall type cap reloader
- Bottle rejector
- Safety cabinet – shuts down when doors open
- Infeed turntable
- Bottle conveyor module

Category: [Capping Machine](#)



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VACUUM CAPPING MACHINE

SKU: CCV2000

Vacuum capping machine is a packaging machine designed for the sealing of twist off caps. It is mainly used to remove the air in the container to create a vacuum seal state, while capping the container, such as a glass bottle or a glass jar.

This vacuum capping process keeps the container sealed tightly, allowing the product inside to maintain its freshness longer. Vacuum sealing can prevent the growth of bacteria and other microorganisms, help to avoid spoilage and extend the expiration date of the product at the same time.

To operate Vacuum capping machine CCV2000 is as easy as to put a bottle into the mold of the machine, then press the start button. After capping process starts, the mold will rise and combine with the sealing ring to a hermetic state (vacuum chamber).

Vacuum pump removes the air in the bottle to create negative pressure inside, in the meanwhile, put the cap on and keep the vacuum state. The capping head then tighten the cap under the vacuum state, reach required vacuum degree. After the mold is back to its original position, you can take out the finished product.

The whole process only takes a few seconds to complete, vacuuming and capping at the same time.

The common twist off cap of glass bottle on the market, its center will be concave after vacuum capping. Therefore, consumers are able to recognize the completeness and safety of packaging by the cap. CCV2000 is commonly used in the food and beverage industry, pharmaceuticals and cosmetics industry, where the freshness and quality of products are crucial factors.

Torque motor and pressure adjust system ensure product quality

Glass jar vacuum capper CCV2000 equips with torque control function, which keeps the capping tightness consistent. The capping torque can be set on the touchscreen to maintain consistent vacuum pressure, and to ensure the sealing tightness of the product while not damage the cap.

In addition, the vacuum pressure is adjustable to fit different container and cap sizes. Precisely sealing in highly efficient, saving time and labor cost, during the packaging production process.

Customized and quick-change modules speed up product changeover time

The bottle mold of the vacuum capping machine is customized



according to the size of the bottle to make sure the best vacuum capping performance. Simply add additional bottle molds, if there are various sizes of glass bottles.

Twist off cap vacuum capping machine CCV2000 is designed for small amount/batch of diversified productions. Its high-quality quick-change bottle mold is convenient for changeover between products, and the downtime is short.

Vacuum capping machine is a high-value packaging machine for many products that require high-quality, sealing packaging, providing the advantages of maintaining product freshness, preventing



- **Suitable for glass bottle or glass jar packaging with twist off caps.**
- **Meet the vacuum requirements of food deoxygenation packaging.**
- **Durability and reliability: It's made of high-quality materials and easy to maintain.**
- **Suitable for different sizes of cap.**
- **Fast and efficient sealing caps: Sealing the container correctly.**
- **Extend the expiration date: Vacuum sealing can avoid spoilage and extend the expiration date of the product.**

Application & Advantage

Suitable goods

Meat, dairy products, soy products, seafood, spicy sauce, ketchup, jam, honey, yogurt, pickled food, canned vegetables (spicy radish, chickpea), Mayonnaise, sauces, Bolognese Sauce (spaghetti sauce), caviar, mayonnaise, seasoning sauce, spread, beverages, nutritional supplement, pharmaceuticals, cosmetics, facial creams, serums,



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chemical reagent, biologic therapy, solvents, adhesives and other compounds, seeds, fertilizers, and agricultural products.



Suitable container

Usually used for a variety of different shapes and sizes of glass bottles with twist off caps; round bottle, square bottle, long neck bottle, short neck bottle, wide mouth bottle, straight mouth glass bottle. (Different vacuum cappers get different limits to container size and shape. Before purchasing, it is necessary to confirm whether it is suitable for your container according to the size of the capping head and its components.)



Capping style

Torque capping. (Torque capping is to rotate the caps 'til the set torque and screw tightly.)

Suitable industries

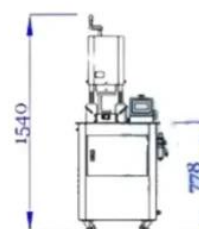
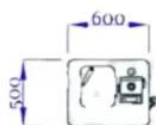
Food and beverage industry, pharmaceutical industry, biotechnology industry, cosmetics industry, chemical industry, agricultural industry.

Machine layout



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Features

1. Adjustable vacuum pressure: The capper gets an adjustable vacuum pressure setting to cope with different requirements and different types of containers.
2. High quality sealing: Excellent sealing components provide reliability to ensure product safety.
3. Easy to utilize and clean: Easy to use with direct control system. Easy to clean and maintenance with removable parts for cleaning and disinfection.
4. Save time and labor cost: It takes only a few seconds to remove air and capping, helping the clients to reduce the labor cost in production.
5. Consistency: Capper CCV2000 maintains consistent vacuum pressure during the capping process to ensure that all bottle containers are completely sealed to prevent leakage or spoilage.
6. Versatility: The capper is suitable for various sizes and shapes of glass containers. It also can be equipped with different sizes of components to adapt to diverse caps, becoming a multi-functional packaging solution.
7. Efficient & precise: Fast and efficient sealing cap
8. User-friendly touch interface: Visual control touchscreen makes operation easier.
9. The size of CCV2000 is equivalent to a water dispenser. It's suitable for companies with limited spaces.
10. Vacuum capping machine provides reliable deoxygenation sealing for glass containers to make sure product quality and prevent spoilage.
11. Vacuum capping machine has a customized bottle molds to ensure the best vacuum quality
12. Safe operation with emergency stop button.
13. The Vacuum capping machine is shipped with foot pedal for easier activation.
14. Vacuum capping machine is made of SUS#304 stainless steel and aluminum alloy; firm and durable
15. Optional bottle molds: Changeover the bottle molds can produce more sizes of products.
16. Vacuum capping machine can be integrated into our existing filler and labeler to build a semi-auto packaging production line.
17. A simple hand-wheel to adjust the capping height



18. The time and torque of capping can be set by touchscreen.

Specification

- **Automation Level:** Semi-automatic
- **Capping Speed:** 5~15 bottles/min (depends on operators)
- **Cap Diameter:** \varnothing 40–100 mm, single size mold
- **Bottle Diameter:** \varnothing 40–100 mm, single size mold
- **Bottle Height:** 50–180 mm
- **Vacuum Degree:** 740 mmHg (98.66 KPa)
- **Vacuum Pump Consumption:** 100 L/min (60 Hz), 85 L/min (50 Hz)
- **Power Requirement:** 110 or 220 VAC, 50/60 Hz, Single phase
- **Air Supply:** 4~6 kg
- **Machine Size:** (L) 600 mm \times (W) 500 mm \times (H) 1540 mm
- * Actual product specifications may vary

Option Accessories

- Customized Bottle Mold

Category: [Capping Machine](#)





AUTOMATIC PRESS CAPPING MACHINE (FOR PRESS-ON CAPS)

SKU: CP7000

Automatic Press Capping Machine is designed for press-on caps with cap plug or stopper, providing safety sealing. The capping machine can firmly seal the cap to the bottle, preventing leakage, contamination, and maintaining product freshness.

Automatic Press Capping Machine is suitable for various types and sizes of bottles and caps through the design and capacity of the machine.

It helps to improve the efficiency and speed of the packaging process, reduces the need for physical strength, and ensures that the caps are sealed consistently and reliably.

Automatic Press Capping Machine are often used for beverages, cosmetics, personal care products, pharmaceuticals, and other precision industrial products. Unlike screw caps, which are tightened to seal the cap, press-on caps are directly pressed onto the containers.

The sealing operation of the press-on cap is more laborious than the general screw cap.

However, press-on caps have excellent sealing integrity, preventing liquid from leaking from the container. When it is necessary for the mass production of press-on caps sealing, it cannot be completed merely by manpower.

CP7000 builds perfect bottling products

Automatic Press Capping Machine is a capping machine for automated press capping production lines. It can make your bottled products more sealed with stable quality, meanwhile improving production efficiency and saving labor costs.

It is an automatic capping machine equipped with star wheels to transport bottles to the cap feeder and capping mechanism. Its main features are:

Space saving: The star wheel design is used to maximize work performance in limited spaces, also suitable for various scales of production lines.

Customization: Customize the star wheel set to fit different bottle sizes, ensuring that each bottle is accurately aligned with the cap feeder and the capping mechanism to avoid the cap being misplaced.

High Sealing Level: With advanced capping technology, it's able to tighten caps to the bottles for optimal sealing effect, preventing liquid





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leakage and maintaining the quality and freshness of the product.

High Stability: The capper machine is equipped with a cap detection function, which automatically detects if the caps are sealed or not. To make sure each bottle can be properly capped, improving product quality and saving labor costs on quality inspection.

Multi-functional integration: CP7000 features linear delivery for bottle infeed and outfeed, making it convenient for integration with fillers, labelers, or other packaging machines into an automated packaging line; improves production efficiency and capacity.

In addition, Automatic Press Capping Machine is equipped with a sensor positioning system for smooth conveying, especially for bottles with smaller diameters.

CP7000 Automatic Press Capping Machine is a sealing and packaging solution that combines high-performance, a superior sealing level, and exceptional stability into one.

It is suitable for various bottling products, including liquids, powders, and granules for industries such as food, beverages, cosmetics, pharmaceuticals, and chemicals.

The machine is an indispensable capping equipment for factories pursuing advanced automation.

We also provide semi-automatic bottle cap pressing machines. If you are interested in our capping machines, feel free to contact us! We will give you more information on the capping machine.



Advantages:

- **Intelligent HMI:** Sets and adjusts the parameters with the



visualization operation interface that displays the operation status anytime, so you can take control of the production situation clearly.

- **High-performance Capping System:** The capping module, driven by compressed air, is suitable for various press-on caps. It's easy to maintain with good stability, keeping consistent capping quality.
- **Compatible with Varied Bottle Sizes:** User-friendly touch interface and easy adjustment; meets the production line changeover of various-sized products.
- **Flexible Customized Design:** We have abundant customization experience. Based on product characteristics, production status, and site conditions, we can plan and provide the most efficient capping production line, including "cap sorting → cap feeding → cap placing → capping → detection". This assists factories in conducting capping operations quickly and efficiently.
- **Pneumatic Capping:** The capping head is driven by a pneumatic control mode to apply stable and consistent downward pressure through compressed air, ensuring a perfect seal of the cap.

Application & Advantage

Suitable Goods:

Food: Beverage, Jam, Juice, Milk, Soy Sauce, Honey, Vinegar, Salad Dressing, Chili Sauce, Ketchup, Mustard, Mayonnaise, Sesame Oil, Canned Food, etc.

Liquid or thick liquid bottled products can be sealed with a capper to prevent oxidation, deterioration, or leakage.

Pharmaceuticals and Biotechnology Products: Pharmaceuticals, Traditional Chinese Medicines, Injections, Disinfectants, Reagents, Vitamins, Supplements.

Chemicals: Laundry Detergent, Dish Soap, Engine Oil, Lubricant, Pigment, Paint, Detergent. Sealing with a capping machine to prevent contamination or leakage of the product and maintain product quality.

Cosmetics: Liquid or ointment products such as lotion, perfume, nail polish, lipstick, etc., require packaging with a capper to maintain the cleanliness, hygiene, and aroma of the product.

Agriculture: Liquid or solid products such as organic pesticides, fertilizers, seeds, flowers, etc., can be sealed with a capper to prevent deterioration of the product and maintain the product's longevity.



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Suitable industries:

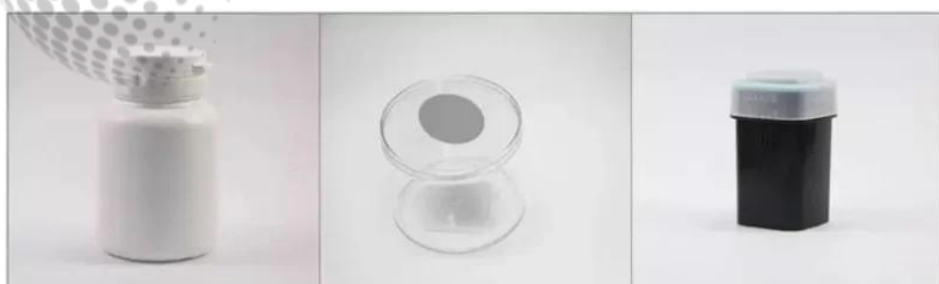
Pharmaceutical industry, food industry, biotechnology industry, cosmetic industry, chemical industry, daily chemical industry, electronics industry, packaging foundry industry, etc.

Suitable Container:

Various sizes of plastic bottles, PET bottles, glass bottles, and metal bottles.

Suitable Caps:

Various press-on caps, Leak-proof caps, Caps with stopper, Flip-top caps, Pump Cap, Caps with inner plug



Container Shape:

Round Bottle, Square Bottle, Wide Mouth Bottle, Glass Bottle, Flat Bottle, Cone Bottle, Special Shape Bottle.

Capping Speed:

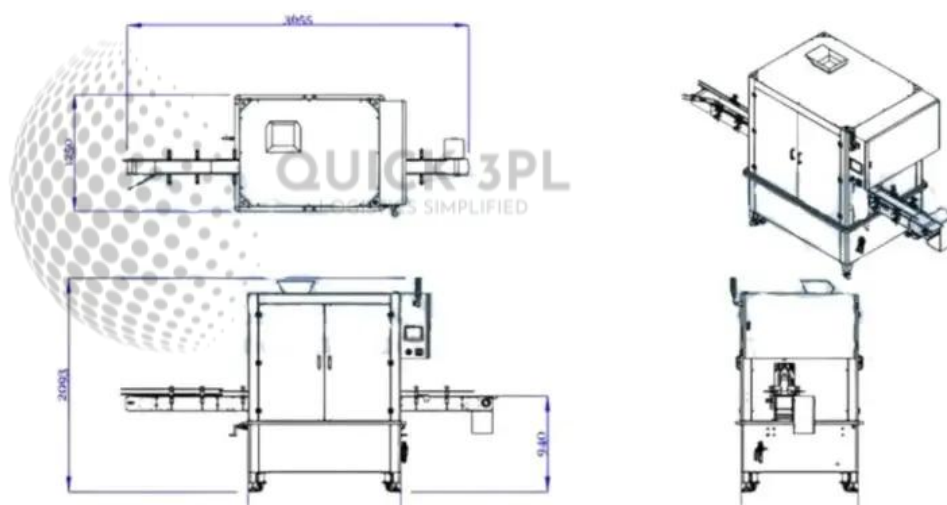
15~45 pcs/min (Actual speed varies with configuration).



Capping Method

- Place bottles on the conveyor. (or feed bottles to the conveyor by a bottle scrambler, bottle feeder)
- Put sufficient caps into the hopper of the cap feeder.
- Transport the bottle to the star wheel through the conveyor.
- The star wheel rotates; it automatically delivers the bottle to the cap feeder and cap placer.
- In sequential order: Place caps, inspect caps, press caps, and detect if the caps are sealed properly.
- The capping process is completed, and bottles are delivered to the outfeed conveyor.
- If a lack of cap or an untightened product is detected, it will be rejected and not transported to the finished product conveyor.

Machine Layout:



Features

1. Adjustable Capping Torque: The capping head is equipped with an independent regulator that individually adjusts the downward pressure to ensure the bottle is sealed.
2. Providing a reliable capping process for press-on caps to ensure sealing and prevent product spoilage.
3. PLC & HMI: Visualization operation interface; easy to get started with.
4. You can enter the parameters directly on the touchscreen.
5. The Automatic Press Capping Machine is equipped with an E.M. Stop button, pressed to stop the machine immediately.
6. With the replacement of a few components, conversion to



different specifications in the production line can be easily accomplished.

7. Adjust the height of capping and cap placement in coordination with the bottle height, utilizing a hand wheel with a position indicator to adjust the mechanism. The height can be saved as position parameters in the HMI (Human-Machine Interface). It's convenient for future use.
8. Automatic Press Capping Machine is made of high-grade SUS304 corrosion-resistant stainless steel and aluminum alloy, firm and durable.
9. Integrate the cap feeder with the capper for automation, thereby reducing the workforce required in the production line.
10. Safety door protection: automatically halts operation to prevent harm to personnel and equipment when the door is opened.
11. Automatic Press Capping Machine is equipped with a stack light, making visualization management convenient.
12. The cap unscrambler can be customized according to the caps and production needs, providing the best configuration.
13. The capping head is made of special buffering material, which won't damage caps.
14. The cap feeding system reduces labor needs, enhancing production efficiency and quality.
15. The human-machine interface can memorize 50 sets of parameters.
16. Target output function: Calculates the current output in time and automatically stops the machine when the target is reached.
17. Star wheel convey system, with multiple mechanisms operating synchronously, improving capping efficiency.
18. The height and width of conveyor guide rails are adjustable depending on the product.
19. Based on the infeed/outfeed detection system of the sensor, ensuring smooth transportation without bottle jams.
20. When the rear conveyor is filled with bottles, the machine will pause as a buffer. Production resumes automatically after bottles are discharged.
21. Integrated alarm system: If errors occur, the interface will display instructions to clear errors.
22. Customized functions can be added based on requirements.
23. Our capping machine can apply various caps to plastic bottles as well.
24. A cap sealing detection and rejection system can automatically reject any substandard products.

Specification

- **Automation Level:** Automatic
- **Capping Method:** Pneumatic Capping
- **Capacity:** 15 ~ 45 pcs/min (Actual speed varies with configuration)
- **Cap Type:**
- **Various press-on caps:**
- Leak-proof caps, Pilfer-proof caps, Flip-top caps, Caps with



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inner plug

- **Cap Outer Diameter:** Provide Customization
- **Bottle Height:** Provide Customization
- **Required Air Pressure:** 2~5 kg
- **Power Requirements:** 110 or 220VAC, 50/60Hz, single phase
- (Provide electrical & pneumatic configurations that meet overseas standards)
- **Machine Size:** (L)1200mm (W)3000mm (H)2300mm
- *** Actual product specifications may vary**

Option Accessories

- Bottle Unscrambler
- Infeed/Outfeed Turntable
- Rejection System: Reject products with defective capping
- Advanced functions of the operation interface: Operation authorization, product traceability management

Category: [Capping Machine](#)



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VIAL FILLING CAPPING MACHINE EQUIPMENT (PISTON PUMP LIQUID FILLER & CAPPER LINE)

SKU: N/A

Vial Filling Capping Machine Equipment is combined with bottle infeed device, which means there are three functions in one frame, providing fully automatic bottle feeding, bottle positioning, liquid filling, cap placing, and cap screwing procedure; all mechanisms are synchronized that keep production from being interrupted.

Automatic vial filling capping machine equipment is suitable for 2- 20ml small volume liquid filling and capping, and can be used on pharmaceutical, essential oil, injection, cosmetic, healthy beverage, and special solvent production.

Vial filling capping machine equipment is equipped with a high-accuracy liquid filler, automatic cap-placing, and an outstanding servo motor-driven system, which provides smooth and precise cap-placing, cap-screwing process. Besides, it's simple to operate the machine because of the advanced control interface, and easy to fulfill both high speed and high accuracy production.

Furthermore, you could also enhance production efficiency and save the costly manpower. The automatic Vial Filling Capping Machine Equipment consists of multiple stations: an Automatic conveying device with a star wheel design. The first is a filling station; the second is an auto-cap-placing station; the third is a capping station, and the bottle outfeed machine is also available as an option.

This Vial Filling Capping Machine Equipment is driven by a servo motor, and the operator can input the filling volume directly by using the human-machine interface, which can be used to quickly input parameters. And the filling accuracy of the instrument is excellent; the liquid storage tank can be customized according to your requirements.

This instrument has the automatic cap-placing and cap-screwing function, and can apply to every plastic screwing caps and aluminum caps; capping tightness can be adjusted by servo torque control via human machine interface.

The High Accuracy Small Volume Automatic Vial Filling Capping Machine, which has a Compact Design, Can Save Your Space and Manpower

The piston pump liquid filler & capper line has both filling and capping functions, and the two functions are constructed in a single machine frame, which provides the possibility to fit in a limited space and fulfill requirements from different industries. The instrument is adjustable



depending on the size/shape of the bottle, and it is also equipped with a star wheel that makes the filling-capping procedure more accurate.

Furthermore, different capping heads can apply to various types of caps, such as plastic caps, spray caps, dropper tip caps, and dropper caps for essential oils. According to your needs, the overall production speed is adjustable by the simple-operating human-machine touch screen. All filling parts that have contact with your product are made of stainless steel and sanitation materials, which can meet the high product quality standard. A

n automatic small bottles filling and capping machine can be connected to a labeller or date coding machine, forming a fully automatic filling production line that can provide stable, highly efficient production. This automated production line is the best solution for small-volume bottles and flexible scale production.

Suitable for

2-20 ml, small volume liquid, and different sizes/shapes of bottles for pharmaceutical, food, cosmetic, and cleaning industries.

Features

1. Small volume automatic filling capping machine that is equipped with a colored human-machine touch screen and programmable logic control system(PLC), and the parameter setting is quick and simple.
2. Design: bottle feeding belt + 1000mm dividing plate + filling + cap placing + capping + collecting
3. Vial Filling Capping Machine Equipment is equipped with servo motors for high capping and filling accuracy by adjusting speed based on different bottle and cap sizes.
4. The advanced servo motor makes it possible to adjust the capping speed and capping torque, and provides highly accurate capping.
5. The liquid hopper is located on the machine, so it doesn't require a larger space and can be easily refilled.
6. With the Polished, seamless one-piece hopper, there is no need to worry about liquid remaining, and it can be easily cleaned.
7. The precise sensor automatically detects whether a bottle jam/ overturned/ no-bottle situation has happened, and stops the production in response to ensure the bottle conveying process is smooth.
8. The missing cap will be found automatically by the sensor, and capping will stop automatically.
9. The servo motor provides a stable capping torque and ensures that every bottle cap has the same tightness.
10. Auto bottle detector for locating bottles while infusing and sorting; ensure accurate filling and capping.



11. The adjustment of filling volume and capping tightness requires no tools, and the only thing you have to do is operate the human-machine interface.
12. Piston pump liquid filler & capper Line is made of stainless steel and hardened aluminum alloy, solidly constructed and easy to maintain.
13. The speed of the conveying belt and bottle infeed/outfeed device are synchronized, providing stable bottle transportation. The fence height is adjustable according to the bottle you used.
14. Vial Filling Capping Machine Equipment complies with cGMP standard, and it has an automatic control system that works in the whole production procedure.
15. The optional star wheel for different sizes of bottles is available.
16. Vial Filling Capping Machine Equipment can be applied to all pharmaceutical, food, biotech, and chemical bottle filling-capping production.
17. One single machine can apply to many kinds of products, and it's simple to change the module and clean the machine.
18. Vial Filling Capping Machine Equipment is time-saving, easy operating and suitable for an inexperienced operator.
19. Infeeding and outfeeding belt is designed for smooth conveyance without bottles getting inverted.
20. Vial Filling Capping Machine Equipment is made of SUS#304 stainless steel and aluminum alloy for frame construction for easy maintenance and longevity.

Specification

- **Hopper size:** 10- 20L
- **Filling range:** 2- 20ml
- **Overall speed:** 10- 30 bpm
- **Filling accuracy:** $\pm 0.5\%$
- **Cap types:** all cap types
- **Power supply:** 220VAC, 50Hz; single phase
- **Dimension:** (L)2188mm (W)1878mm (H)1570mm

Option Accessories

- Different sizes of capping heads
- Different sizes of star wheels
- Automatic feeding machine
- Automatic labeling machine

Category: [Capping Machine](#)



BOTTLE CAPSULE COUNTING MACHINE LINE

SKU: N/A



Bottle Capsule Counting Machine Line for healthy food is usually for pharmaceutical factories and healthy food manufacturing, which must be equipped with. These factories mainly sell tablet and capsule products. While packing, it need to meet the expectations for the production needs.

Bottle Capsule Counting Machine Line includes, bottle feeding machine, two capsule counting machines, an automatic cap-supplying machine, a cap sorting machine, an automatic capper, a labeling machine, and a collecting round table.

On this whole Bottle Capsule Counting Machine Line, the equipment and contact face that we use are all selected by food-grade ingredients, all conforming to the cGMP regulations and satisfying the product standard. Besides, if you have small-scale to medium packaging needs, we can offer another line that has rinsing, counting, labeling, capping, and foil sealing machines.

Bottle Capsule Counting Machine Line has a long and intact production process. We also provide customized packaging mechanical modules. According to your healthy food and capsule packaging production line, we can bring you more flexible bottle capsule counting and packaging solutions.

Mechanical construction and adjustment are relatively simple. Speaking of the maintenance, it is also easy to protect and check, helping you lower the cost.

Capsule Counting Packaging Machine For The Dietary Supplement And Nutrient Food, It Can Handle Different Types Of Bottles And Production.

Bottle Capsule Counting Machine Line is widely applied in caplets, hard capsules, soft capsules, lozenges, dietary supplements, troches, gums, tablets, different types of caplets, chocolate balls, and candies, which can usually be used in solid products to count and fill.

Bottle Capsule Counting Machine Line is suitable for various types of material packaging. Also, the capsule tablet bottle packaging line is applicable to pharmaceutical, dietary supplement, biotech, and food industries for production. Automatic counting and capping production loads the supplies to count, through a sensor to detect the accurate numbers, then filling the containers.

The touchscreen setup and adjustment are easy to operate. Only need one person to control and operate at the same time. Two vibratory counting machines can both quickly count the numbers. Besides, the



nutraceutical bottle packaging line can adjust the production process based on your product. It can also improve the efficiency.

Special cap-feeding and cap-sealing machine applies lots of different caps and bottles to the product, increasing filling and counting machine promotion, and making the most of its production value.

Features

1. The double-rail capsule can be stably separated, and quickly counting is fast and accurate.
2. High-precision counting function, accurate 100%
3. Double-rail delivering design, making two counters produce simultaneously and constantly. No need to wait for delivery, and it is efficiently promoting production.
4. Automatic cap-feeding and sorting machine saves a high workforce and substantially decreases labor.
5. A capsule counter synchronized control system, which can put the caps precisely on the bottles after the filling process.
6. Capping machine uses a variable AC motor to drive, it can easily adjust production depending on the products at any time.
7. According to the labels and bottle specifications, labeling can reach 13 meters per minute.
8. Labels can easily stick to the bottles.
9. Changing the items or figures can be directly done using a touchscreen to set up, without the need for the adjustment construction.
10. Front-end automatic feeding machine and back-end automatic collecting round platform make production speed up and lower the labor cost.
11. The counting machine line is humanistic and simple to use; you don't need the trivially set or adjust.
12. Machines are equipped with hand wheels, filling heads, capping heads, and labeling heads, which can easily adjust the heights.
13. The capsule counting machine is equipped with multiple memorizing parameters functions, which can memorize and retrieve each bottle's setup parameters, so you can change the line fast and easily.
14. We select the famous optical fiber sensor to detect, and it has sensitivity and high accuracy, avoiding false readings.
15. Mainly used in pharmaceutical, biotech, dietary supplement, and food industries for counting and filling packaging.
16. Two hoppers can load many more products, through vibrating, they precisely detect the numbers and then put them into the containers.
17. A touchscreen can adjust the number and production, accurately distributing your products into each bottle.
18. The multi-speed motor-driven conveyor can adjust to the best production speed.
19. All machine is controlled by the PLC, which can hold the production schedule at any time.
20. No materials alarm reminding, it takes effective control, and it can



immediately supply the materials.

21. With smart equipment, the machine could stop filling and capping if there are no caps and bottles.
22. Mechanical construction is easy to remove and take apart, and modules are easy to keep clean.
23. The capsule bottle packaging line is made of stainless steel and aluminum alloy, strong frame, durable, and enduring.
24. Product surface area is food-grade and conforms to the cGMP regulations.
25. The optional bottleneck adopts an aluminum foil sealer that ensures the integrity of sealing.
26. Actively detecting caps and bottles, no bottles, no filling, and no caps, no capping.
27. Every machine is equipped with an adjustable pedestal foot and movable wheels, which can be slightly adjusted in height and are convenient for moving.

Specification

Capsule counter

- **Product size:** (Dia.) 2 ~ 40mm (H) 2mm at least
- **Counting speed:** 1200- 2000pcs/min
- **Accuracy:** 100%
- **Dimension:** (L) 2000mm x (W) 1000mm x (H) 1500mm
- **Weight:** 380 KGS

Capping machine

- **Cap types:** General screw caps, plastic caps and round caps
- **Cap diameter:** 25-55mm
- **Capping speed:** 30- 35BPM (depends on the bottle and cap type)
- **Dimension:** (L) 1500mm x (W) 1000mm x (H) 1300mm
- **Weight:** 450 KG

Round bottle labeling machine

- **Bottle shape:** Round bottles or Round cans
- **Label type:** Non-transparent labels
- **Label size:** (W) max. 100mm (L) max. 300mm
- **Label roll diameter:** (inner) 75mm (outer) 300mm



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- **Dimension:** (L) 2000mm x (W) 1800mm x (H) 1100mm
- **Weight:** 330 KGS
- **Power and Air pressure**
- **Power:** 110/220VAC, 50/60Hz, 1 Phase
- **Air:** 90PSI/2CFM

Option Accessories

- Safety door
- Cap sealing machine
- Detection system and rejection device
- Hot stamping machine

Category: [Capping Machine](#)



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EDIBLE OIL FILLING PACKAGING MACHINE

SKU: N/A

Edible oil Filling Packaging machine



Edible oil is all around our world. Most of the common edible oils are vegetable oils and are in liquid form. They are usually made from oil-rich crops and seeds, including cocoa butter, palm oil, peanut oil, olive oil and coconut oil, sesame oil, soybean oil, canola oil, linseed seed oil, tea-seed oil, grape seed oil, corn oil (corn germ oil), etc., animal oils include lard, roast duck oil, tallow, cod liver oil, chicken oil, squalene oil, fish oil, shortening, etc.

Nowadays, no matter whether it is street vendors, eateries, or restaurants, the demand for edible oil is more and more diversified, so the demand for edible oil continues to increase, and the manufacturing supplier keeps up with the changing needs of consumers while taking care of the hygiene of the products. As a result, more manual labors are needed for the product packaging.

We offer you more choices of bottling packaging solutions, many of the new bottle packaging models can be customized with the production line, from the bottle in-feeding, oil filling, capping, to labeling, according to customers' actual product requirements.

The actual product filling and packaging requirements are designed. The filling station can adjust the number of filling heads according to the actual production speed demand. The feeding system is added to store the liquid to be filled and ensure that the liquid maintains a certain amount of stock, and maintains the liquid filling accuracy.

The cap tightening system can be equipped with an automatic cap feeding mechanism. Whether it is a cap with inner cap or with a round pull ring, a safety cover or a general outer screw cap, we will design and customize the exclusive machine for the product. I

f there is a demand for an automated production line, it can adopt a robotic-arm pick and place system to accurately pick the cap on the bottle. No matter it's for round or square bottles, 10 liters, 20 liters, or 30 liters, the large volume barrel of oils, we can all provide you with the edible oil of large volume filling packaging solutions.

Time-saving and Easy-to-use Automated Large Volume Edible Oil Filling Packaging Line

Edible oil is one of the nutrients that people need for their daily diet. Therefore, if the Edible oil Filling Packaging machine is used in the simple packaging production mode, different sizes of bottle containers are gathered to be put into the feeding tray and then go to the conveyor belt. Then the filling machine assists in dividing the bottles into small



packages and large packages.

Generally, the Edible oil Filling Packaging machine adopts an overflow filler type, which can maintain the same liquid level in each container after the oil filling is completed, and can also adjust the horizontal surface through the human-machine interface.

Additionally, every machine is produced in a synchronous connection, and the colorful human-machine screen is user-friendly and visualized to simplify complicated operations. The production capacity for a volume of 20 liters of oil can even reach 3-5 bottles per minute, and the filling capacity ranges from 1 liter to 30 liters.

Edible oil Filling Packaging machine is very flexible and versatile for filling capacity, while the labeling machine at the rear end adopts the front and back labeling, which can not only meet the needs of small-capacity single-sided labeling, but also meet the requirements of double-sided labeling for large-capacity barrel oil. Only one person is needed to replenish and collect the product during production, which reduces the labor costs and greatly improves the production efficiency.

We'll provide you with customized automated filling packaging solutions for edible oil of different volumes and specifications accordingly.

Features

1. The filling range is wide; it's not a problem to fill capacity from 1 liter to 30 liters, which is flexible.
2. With a food-grade pump, don't worry about sanitary concerns, plus four overflow liquid filling heads to ensure that each product stays at the same surface level with high accuracy.
3. The conveyor belt is made of stainless steel, which not only keeps the conveying smooth but also has a bright and clean appearance, taking both internal and external functions into consideration
4. Edible oil Filling Packaging machine is equipped with a 100-liter or more stainless-steel storage tank behind the filling machine to allow customers to place liquids conveniently or to connect their own storage tanks, which shortens the time for reloading repeatedly and keeps the filling pressure simultaneously.
5. The customers can set the liquid surface level according to the filling amount they want, and simply add small accessories to easily change the filling position.
6. The labeling machine adopts two relatively equal labeling heads, which can be converted into single-sided labeling or double-sided labeling according to customer requirements.
7. There is a bottle-blocking mechanism on the conveyor belt, and the bottle blocker device adopts a soft and plastic pad to ensure that each bottle is separated by the same position before labeling, and the precision of the standard is stabilized.
8. There is a flattening mechanism on the top of the labeler to stabilize the bottle to avoid deviation from the bottle. Reduce the



- friction of the bottle and maintain the integrity of the container
9. There is a paper-wrapping prompt on each labeling head. At the same time, the label-changing action can be easily completed according to the instructions.
 10. The labeling machine adopts a stepper motor, which can stabilize the labeling and meet the capacity requirements
 11. The capping machine is equipped with a double-track cap feeding conveyor belt, and the transportation process is smooth and stable.
 12. Using an automatic positioning cap-feeding system, the inner cap and outer cap can be accurately put into the bottle and tightened.
 13. Using the robotic-arm method to grab the cap and prevent it from any external friction
 14. Advanced sensor detection, no bottle, no filling, no cap, no tightening, and a buzzer is equipped to remind the operator.
 15. The cap delivery mechanism is equipped with a large storage space, allowing customers to complete daily production by checking a few times within a day and preventing excessive manual labor for the production line.
 16. There are fixed brackets and moving wheels under all the machines to facilitate the customers' movement of the machines.
 17. The whole Edible oil Filling Packaging machine uses a colorful human machine interface, which makes it easy for the operator to watch and can directly adjust and operate on the touchscreen.
 18. Using the production connecting system. When there is a problem with one machine, the other machines will stop at the same time.
 19. Dual adjustment mode, which can be controlled by human human-machine interface, and can also be fine-tuned by a handwheel.
 20. With the emergency button device, the operator is able to suspend the machine in time to check the condition of the production line.
 21. Edible oil Filling Packaging machine is made of stainless steel 304 material, and the part that comes into contact with food is made of 316 material to ensure sanitation concerns.
 22. Edible oil Filling Packaging machine is suitable for all kinds of edible oil filling packaging lines, such as peanut oil, sesame oil, coconut oil, palm oil, olive oil, tea-seed oil, and canola oil.

Specification

Filling machine

- **Applicable product:** Easy foamy liquid or glass container
- **Filling range:** 1-30 Liters
- **Filling speed:** 3-5 BPM (Based on 20L edible oil as testing sample)
- **Filling precision:** $\pm 1\%$
- **Power supply:** 110 or 220 VAC, 50/60 Hz, Single phase
- **Weight:** 1800 KGS
- **Dimension:** (L) 4202 x (W) 2155 x (H) 2059mm



Capping machine

- **Applicable bottle:** HDPE, PET, LDPE plastic bottles, and glass bottles
- **Applicable cap:** All types of caps
- **Cap diameter:** 20-110mm
- **Air supply:** 60-90 PSI
- **Power supply:** 110 or 220 VAC, 50/60Hz, Single phase
- **Weight:** 1500 KGS
- **Measurement:** (L) 2630mm x (W) 1800mm x (H) 2008mm

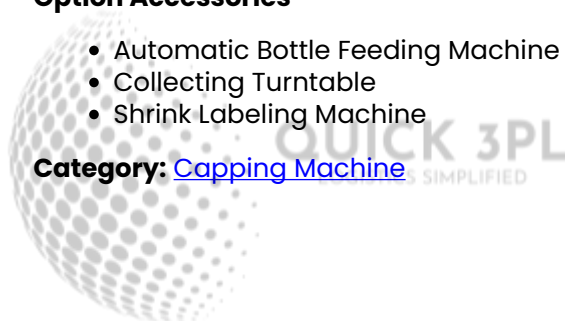
Labeling machine

- **Label size:** (W) 10-100mm (L) 20-300mm
- **Label reel:** (ID) 75mm (OD) 300mm
- **Weight:** 250 KGS
- **Power supply:** 110 or 220 VAC, 50/60 Hz, Single phase
- **Measurement:** (L) 3535mm x (W) 1845mm x (H) 1920mm

Option Accessories

- Automatic Bottle Feeding Machine
- Collecting Turntable
- Shrink Labeling Machine

Category: [Capping Machine](#)





AUTOMATED CHEMICAL PRODUCTS FILLING CAPPING AND LABELING PACKAGING LINE

SKU: N/A

Automated Chemical Products Filling Capping and Labeling Packaging Line

Usually, it's necessary to consider the product's chemical properties when manufacturing chemical products. Therefore, when selecting the packaging machinery equipment, the material of the packaging machine must also be considered to avoid product quality being affected by chemical liquid corrosion.

Most of the liquids in the chemical industry are acidic and alkaline liquids; to avoid operators directly contacting the liquids during the filling process, we especially customize filling and capping lines for chemical products.

The chemical industry, like most other industries, is unable to predict the market reception in the early stage of development; it usually chooses to test the market demand by a small amount of production. As the sales volume increases, so the automated production is taken into consideration to increase production capacity.

To maintain the quality of each product, whether it is the capacity of the bottle filling, or the tightness of the cap or position of the label labelled, it can't be achieved without filler, capper and labeler, these machinery equipment. However, it consumes more manual labors and with less production efficiency with single machine operation.

Hence, through integrating machine equipment, the automated chemical liquid filling and capping packaging line not only increases the production capacity but also improves the quality of product packaging.

Automated Chemical Products Filling Capping and Labeling Packaging Line can provide you with customized chemical filling, capping, and labeling equipment according to different characteristics of liquids, bottle size, shapes, material of caps, and labeling types.

With the diversity of products in the market, we can provide a filling and capping machine packaging line that meets the needs of commodity packaging to create maximum value and efficiency for customers.

Chemical Liquids Filling Capping Machine

This Automated Chemical Products Filling Capping and Labeling Packaging Line is customized for the chemical industry and technology industry to meet the needs of a specialized solutions filling packaging line. Normal chemical industries use automatic filling equipment that



considers the material and the chemical properties of liquids, and most of the chemical products use large-capacity packaging way for package to deal with large amounts of industrial usage and reduce the frequency of material replacement.

Therefore, the filling range is from 500 to 5000 ml, which is very suitable for oils of large volume barrels filling and capping packages. It improves the shortcomings of time-consuming and labor-intensive processes for general large-capacity liquid filling. The large-capacity chemical filling packaging line includes:

A: Piston pump filling machine, which is suitable for filling thick liquids, such as cream, essence, nail polish, ink, paints, and detergents.

B: The Automated Chemical Products Filling Capping and Labeling Packaging Line includes an automatic cap feeding machine; manual cap placing is not needed. After the bottle is positioned, the cap will automatically be placed on the bottle and tightened. It is suitable for various sizes of plastic screw caps and with no dropper.

1. The vertical round bottle labeling machine is suitable for the shape of cylindrical bottle containers, which can be adjusted according to the size of the bottle.

Features

1. The Automated Chemical Products Filling Capping and Labeling Packaging Line can be used in a wide range of solutions, whether the liquid is thick or flowing. The filler has the feature of being all-purpose for liquid filling.
2. Automated Chemical Products Filling Capping and Labeling Packaging Line is suitable for large round bottles and barrels for liquid filling. Automated large filling volume machinery equipment speeds up production.
3. With a full-cover filling machine to prevent the filling of food products from dust pollution.
4. The filling machine, automated cap feeding and tightening machine, and labeling machine are integrated into an automatic production line, which can be operated by synchronized systems.
5. With the touch panel human machine interface and PLC operation mode, the user is easier to operate and easier to learn.
6. Production requirements are setting the parameter through an automated human-machine interface, and data adjustment settings are easy to understand.
7. The automatic capping device includes the cap storage machine, cap feeding, placing, and tightening device. Multiple functions in one machine to save space and manual labor for placing the caps.
8. The filling and capping mechanism is made of stainless steel 304 or 316, which is durable and meets GMP standards.
9. Large round bottles or barrels from filling, capping to labeling, the vertical conveying device makes bottle conveying smooth and



- stable, and prevents the bottles from skewing and toppling down.
10. The automatic cap feeding mechanism is customized according to the cap size. If there are multiple cap sizes, it can be customized according to the requirements and applied to the original capping machine, improving the broad usage of the capping device.
 11. Automated Chemical Products Filling Capping and Labeling Packaging Line is equipped with an emergency stop button to easily operate and control the production process in case the production line has a problem, and prevent the operator from getting injured.
 12. The vertical round bottle labeling machine can be used for full wrapping around, 1/2 round labeling, and single-sided labeling.
 13. Special alkaline liquids and acidic liquids need to be tested and customized by using specific materials
 14. Automated Chemical Products Filling Capping and Labeling Packaging Line connects to the capping machine for line production, and can also run the production with a single machine according to production needs.

Specification

- **Filling range:** 500- 5000ml
- **Filling speed:** 20-25 BPM
- **Adopting a pump:** Piston pump
- **Applicable cap:** Plastic Screw caps
- **Applicable bottles:** Round bottle, barrel, and cylinder
- **Power supply:** 110 or 220 VAC, 50/60 Hz, Single phase
- **Filling range:** 500- 5000ml
- **Filling speed:** 20-25 BPM
- **Adopting pump:** Piston pump
- **Applicable cap:** Plastic Screw caps
- **Applicable bottle:** Round bottle, barrel, and cylinder
- **Power supply:** 110 or 220 VAC, 50/60 Hz, Single phase

Option Accessories

- Clear label sensor
- Date Printer
- Laser Printer
- Bottle In-Feeding Turntable
- Bottle Collecting Turntable

Category: [Capping Machine](#)



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