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COMPLETE LINE

AUTOMATIC BOTTLE LIQUID FILLING CAPPING MACHINE LINE

SKU: NFP-460+NCT-420

Automatic Bottle Liquid Filling Capping Machine Line

Automatic overflow filler and capper machine: Used to fill lower viscosity products, can handle foamy and non-foamy liquids. Automatic inline pressure overflow filler machine. The production speeds obtained with a small investment cause its great value; the limitation is the viscosity of the products.

Flexible to fill various free-flowing liquids without particulates. Applied to diverse industries including cosmetics, chemicals, pharmaceuticals, food, and beverages. Suitable for a variety of container shapes and sizes, especially for glass bottle filling, fill to the same level.

Features

1. Fully automatic in-line system, save labor cost, and promote production.
2. Automatic Bottle Liquid Filling Capping Machine Line's efficient design enables quick changeover for different products.
3. Overflow filling machine, keep the liquid level the same.
4. Automatic Bottle Liquid Filling Capping Machine Line's filling nozzles can be customized to meet liquids.
5. Automatic Bottle Liquid Filling Capping Machine Line ensures smart filling, no bottle, no filling.
6. Drip tray setting, surplus liquid backflow, no waste.
7. Automatic Bottle Liquid Filling Capping Machine Line has an ROPP capping machine driven by a single motor, making capping more stable
8. Automatic Bottle Liquid Filling Capping Machine Line has a star wheel, bottle positioning precisely.
9. Cap elevator, feeding cap automatically and smoothly.
10. Housing for the cap elevator, safety, and hygiene concerns.
11. Automatic Bottle Liquid Filling Capping Machine Line adopts a precise sensor, smart operating, no bottle rinsing, no filling, and no capping.





12. Automatic Bottle Liquid Filling Capping Machine Line has a colorful touch screen controller.
13. Automatic Bottle Liquid Filling Capping Machine Line has a user-friendly PLC+HMI system.
14. Job memory device, quick and simple changeover.
15. Front panel Start and Emergency Stop button.
16. Multiple filling, feeding, and capping speeds for accurate control of production.
17. Automatic Bottle Liquid Filling Capping Machine Line has automatic pneumatic gates for bottle entry and exit.
18. Automatic Bottle Liquid Filling Capping Machine Line has a sturdy conveyor.
19. Conveyor guide rail can be adjusted to accommodate any size of bottles
20. Mounted casters, easy to move.
21. Automatic Bottle Liquid Filling Capping Machine Line's robust construction, easy maintenance, and longevity.
22. Compliance with GMP standard, made of SUS304 stainless steel and anodized aluminum.

Specification

Overflow Filling Machine:

- **Speciality products:** ■ Foamy ■ Corrosive ■ Warm
- **Filling speed:** Max. 250ml/sec
- **Filling range:** Max. 5000ml
- **Filling accuracy:** ±0.5%
- **Machine dimension:** (L) 1900mm (W) 1200mm (H) 1700mm
- **Machine weight:** 380 KG
- **Power supply:** 110/220VAC, 50/60HZ, 1 PHASE
- **Air pressure requirement:** 90PSI/3CFM

ROPP Capping Machine:

- **Speciality products:** ■ ROPP cap
- **Cap diameter:** Max. 30mm
- **Capping speed:** Max. 30bpm
- **Machine dimension:** (L) 2000mm (W) 1200mm (H) 1600mm
- **Machine weight:** 350 KG
- **Power supply:** 110/220VAC, 50/60HZ, 1 PHASE
- **Air pressure requirement:** 90PSI/3CFM

Category: [Complete Line](#)



TABLETOP AUTOMATIC FILLING CAPPING MACHINE

SKU: NCT-151

Tabletop Automatic Filling Capping Machine meets the demands of flexible small batch production, while offering a professional production quality. Comprehensive and compact design.

Applied to vial filling and cap capping for drops, lotion, and perfume. Flexible to various industries including cosmetics, chemicals, and pharmaceuticals. The filler for food products with exacting demands. It causes an excellent return on investment when upgrading from manual filling and capping solutions.

The Tabletop Automatic Filling Capping Machine's compact footprint makes it easy to use at different places within a production facility. The Automatic Single Head Liquid Vial Filling and Capping machine is manufactured for the filling and capping of glass vials, perfume spray bottles, and other small containers.

The fully automatic systems are customised to fit any glass vial, plastic bottle, test tube, or tiny bottle that is not easy to operate by hand. The machines offered by us are manufactured as per the set industry standards and norms using superior quality.

Features

1. Tabletop Automatic Filling Capping Machine has a compact format design, space-saving.
2. Fully automatic tabletop in-line system.
3. Tabletop Automatic Filling Capping Machine fills with high accuracy at high speed.
4. Tabletop Automatic Filling Capping Machine's advanced valves prevent liquid from dripping down.
5. Tabletop Automatic Filling Capping Machine's capping head is driven by a single motor for quality capping.
6. Tabletop Automatic Filling Capping Machine's bottle unscrambling system speeds up the production.
7. Tabletop Automatic Filling Capping Machine has a star wheel for precise positioning.
8. Tabletop Automatic Filling Capping Machine adopts a precise sensor, smart operating, no bottle-no filling, and no capping.
9. Tabletop Automatic Filling Capping Machine has a colorful touchscreen controller with a user-friendly PLC system.
10. All settings can be done by one touchscreen, easy to operate.
11. Front panel Start and Emergency Stop button.
12. Tabletop Automatic Filling Capping Machine's speed knob



- controller configuration, easy adjustments can be made.
13. Tabletop Automatic Filling Capping Machine has a Job memory device for quick and simple changeover.
 14. Tabletop Automatic Filling Capping Machine's robust construction prolongs its longevity.
 15. Compliance with GMP standard, made of SUS304 stainless steel and anodized aluminum.
 16. We offer a Filling Capping machine for the packing of filling products at any kind of liquid. Easy to operate and cost-effective.

Specification

Filling Machine:

- **Speciality products:** ■ Foamy ■ Corrosive ■ Warm ■ Particulate
- **Filling speed:** Max. 250ml/sec
- **Filling range:** Max. 5000ml
- **Filling accuracy:** ±0.5%
- **Machine dimension:** (L) 480mm, (W) 310mm, (H) 270mm
- **Machine weight:** 25 KG
- **Power supply:** 110/220VAC, 50/60HZ, 1 PHASE

Capping Machine:

- **Speciality products:** ■ Screw cap □ ROPP cap
- **Cap diameter:** Max. 30mm
- **Capping speed:** Max. 30bpm
- **Machine dimension:** (L) 900mm (W) 600mm (H) 700mm
- **Machine weight:** 75 KG
- **Power supply:** 110/220VAC, 50/60HZ, 1 PHASE
- **Air pressure requirement:** 90PSI/3CFM

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AUTOMATIC BOTTLE FEEDING MACHINE

SKU: NRT-100

Automatic bottle feeding machine is used in PET bottles and glass bottles.

Automatic Bottle Feeder Machine Advantage

1. Less labor and raise production efficiency.
2. Widely used for bottles of different sizes and materials.

Features

1. One knob design makes Automatic Bottle Feeding Machine easy to operation.
2. Automatic Bottle Feeding Machine's speed is adjustable to meet production requirements.
3. Automatic Bottle Feeding Machine's rotary movement makes bottle access sequential.
4. Automatic Bottle Feeding Machine is made of SUS#304 stainless steel that meet cGMP standard.

Specification

- **Speed:** 60~100 pcs/min (depends on bottle)
- **Voltage:** 110V or 220V
- **Machine size:** (L) 800mm (W) 700mm (H) 1200mm

Option Accessories

- Conveyor
- Stand
- Filling Machine
- Labeling Machine

Category: [Complete Line](#)





PRODUCTION LINE WITH AUTOMATIC COUNTING FILLING AND CAPPING MACHINES

SKU: NCT-410 / NCS-300 / NCW-310

Production Line with Automatic Counting, Filling, and Capping Machines (Counting Machines, Power Filling Machines, Capping Machines, and Aluminum Foil Sealers)

The production line of pharmaceutical level equipment with automatic counting, filling, and capping machines has dual productivities of automatic counting, filling, and capping machines and powder filling and capping machines.

The innovation is that one production line with dual functionalities, including automatic bottle conveyors, counting machines, powder filling machines, cap sorting machines, capping machines, aluminum foil sealers, and automatic bottle collecting machines.

High Quality Production Line with Automatic Counting Filling and Capping Machines

As capsule pastille bottle counting, automatic pastille counting, filling, and capping machines, they can also produce powder and granule production lines, which can be replaced with powder filling and capping machines that allow powder products to be filled and capped.

Dual-functional canned production line with automatic counting, filling, and capping machines can be widely used for filling and packaging food and medicine, such as pills, capsules, pastilles, chocolate balls, healthy food, and chewing gum tablets etc.

Powder filling and capping machines can be used for producing medicine powder, seasoning powder, honey powder, coffee powder, sweet potato powder, and stomach powder, etc.

Canned production lines with automatic counting, filling and capping machines, which are a highly efficient and smart production module of "one line, double productivities, made of counting and capping machines and powder filling and capping machines, are extensively adopted by Chinese and Western pharmaceutical factories, food factories, biotech factories, cosmetics factories and household chemical industries.

Features

1. Few operators are required, effectively saving manpower cost and



- increasing productive efficiency.
2. The user interface allows for work right after parameters are set up.
 3. Production Line with Automatic Counting Filling and Capping Machines is equipped with a Multiple-parameter memorizing function, simplifying the production procedures.
 4. Production Line with Automatic Counting Filling and Capping Machines has Electronic sensors that count precisely when filling bottles.
 5. Production Line with Automatic Counting Filling and Capping Machines has user-friendly operations, shortening the time of the adjustment of the machines to keep the efficiency.
 6. Bottle conveying, counting, and capping speeds are adjustable, coordinating with the productivity.
 7. Two-feed-gate counting machines dispense immediately, allowing for working.
 8. Production Line with Automatic Counting Filling and Capping Machines is equipped with emergency buttons that allow for stopping production anytime for security.
 9. Production Line with Automatic Counting Filling and Capping Machines is suitable for bottle-shaped products to count, fill, and cap.
 10. Round-shaped disk conveys the bottle automatically, conveying bottles with no jams.
 11. Highly sophisticated CCD detection helps count and cap every single bottle wisely and constantly.
 12. Auto-canned power filling and capping machines have a PLC self-control system to fill powder of the same amount.
 13. The conveyor belt fence of the Production Line with Automatic Counting Filling and Capping Machines coordinates with the sizes of the bottles, delivering stably and precisely.
 14. Tanks and the capping machines are covered by the protection shells, securing the sanitation.
 15. Vibrating style tank design makes no jams.
 16. Automatic capping machines supply caps and caps continuously without extra manpower.
 17. Buzzer notifying devices alarm operators to compensate more caps if not capped properly.
 18. The heads of the capping machines are adjustable for the bottle height by rotating the handwheels easily.
 19. Automatic aluminum sealer detection devices of the Production Line with Automatic Counting Filling and Capping Machines are set for checking defective items.
 20. The automatic carrier tape packing set collects a large number of items at a time, saving labor and time.
 21. Glass-reinforced plastic conveyors are easy to uninstall and clean.
 22. Delicate bridges on the conveyor between machines give no space for dispensing bottles.
 23. The solid and sophisticated machine body is pretty and durable.
 24. All parts of the Production Line with Automatic Counting Filling and Capping Machines are made of stainless steel, conforming to cGMP regulations.



Specifications

Counting Machine

- **Product size:** min. (Dia.) 6mm (H) 3mm
- **Counting speed:** 600 ~ 1000 pcs/min
- **Counting accuracy:** +/- 1 pcs

Capping Machine

- **Cap type:** Screw cap / ROPP cap
- **Cap diameter:** 25 - 110mm

Induction Sealing Machine

- **Power output:** 500 / 2000 / 3000W
- **Cap diameter:** 15-110mm / 20-110mm / 25-110mm

Bottle Feeding / Collecting Turn Table

- **Table diameter:** 600 / 800 / 1200mm

Power Requirement

- **Power Supply:** 110/220 VAC, 50/60 HZ, 1 PHASE
- **Air Requirement:** 90 PSI at 5 CFM

Option Accessories

- Labeling machine
- Date coding machine

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AUTOMATIC BOTTLING WASHER FILLER CAPPER LINE

SKU: NRT-100 / NBW-585 / NFP-540 / NCW-515 / NLR-300

Automatic Bottling Washer Filler Capper Line for Products of Viscous Liquids

Automatic bottling washer filler capper line integrates automatic bottle feeder, washer, filler, cap placer, capper, round bottle labeler, and automatic product collector into one production line, which unifies different stages of production into one single process.

Through the automatic bottling washer filler capper line, all production stages are controlled by PLC programs. Set up with an automatic pause system, the line would be fully stopped should any stage in it come up with a problem. Such a feature helps to protect the line from production overloads or product jams.

Equipped with photo-electronic eyes (sensors), the automatic bottling washer filler capper line detects targeted filling positions with great precision. In addition, each production unit of the line is modularized; this makes it easy to maintain.

Moreover, all the touch points between liquids and the line could be built with stainless steel, eliminating all potential sanitary issues.

Automatic Bottling Washer Filler Capper Line works best with products of liquids at moderate or high temperature, or those of high viscosity with no pulps or chunks in them. Examples of suitable applications include dipping sauces, salad sauces, syrups, medication in ampules, creams, shampoos, and chemical products.

Highly Efficient Automatic Bottling Washer Filler Capper Line For Products Of Viscous Liquids

Automatic bottling washer filler capper line integrates automatic bottle washers, viscous liquid fillers, cappers, and round bottle labelers into one production line, streamlining the manpower for your bottling needs.

Automatic Bottling Washer Filler Capper Line is the perfect solution for the products that need to be automatically filled and capped in all industries.

The Automatic Bottling Washer Filler Capper Line operates in the following way: after receiving bottles from its automatic feeder, the automatic bottling washer filler capper line will air wash the bottles in its two-row cleaning seats, rotating and cleaning them through 180 degrees.



The washers support an extensive range of bottles and clean different sizes of bottles in one single process thoroughly with their strong pneumatic power. After bottle washing, the bottling washer filler capper line automatically conveys the bottles to its automatic filler.

It's filler works especially great in filling viscous liquids. Powered by piston motors and filling with multiple nozzles, the filler fulfills filling tasks with precision and efficiency.

Equipped with product tanks, an automatic bottling washer filler capper line can be further upgraded with our optional blender, which well stirs your filling materials before the line fills them into the bottles. After bottle filling, the automatic bottling line further sends the filled bottles to its cappers.

The cappers, through its cap feeding unit, automatically detects, covers and screws caps; fulfilling capping tasks in one single process. After capping, the Automatic Bottling Washer Filler Capper Linewill finish up the bottling process by labeling the capped products through its round bottle labeler.

Lastly, all labeled products will be brought together in its automatic collector.

Features

1. The bottling line is programmed with an inter-linkage automatic pause system. When a production problem arises in one station, all stations will be automatically stopped to prevent production errors.
2. Easy-operated Automatic Bottling Washer Filler Capper Line, freeing you from complicated parameter setups.
3. Automatic Bottling Washer Filler Capper Line is equipped with hand wheels for adjustment; easy to adjust the height of fillers, cappers, and labelers according to desired targeted positions.
4. Modularized washer, filler, capper, and labeler; customizable to build a line that best suits your production needs.
5. Automatic Bottling Washer Filler Capper Line is equipped with PLC programs and colored control panels, managing your parameter settings digitally.
6. Automatic Bottling Washer Filler Capper Line's digitalized counters in PLC programs visualize production outputs with clarity.
7. Adjustable machine base with wheels; easy to adjust heights and to move around.
8. All Automatic Bottling Washer Filler Capper Line's photo-electronic eyes (sensors) are designed and manufactured by renowned manufacturers, detecting products with sharpness and accuracy, eliminating production errors.
9. All touch points between the line and products are made of materials complying with good manufacturing practice, like cGMP.
10. All units are easy to disassemble, providing easy cleanup and maintenance.



11. All parts of the Automatic Bottling Washer Filler Capper Line are made of stainless steel and aluminum alloy, and come with solidity and durability.
12. The fully integrated Automatic Bottling Washer Filler Capper Line minimizes manual operations, fulfilling tasks of filling, capping, and labeling by only a few touches, significantly boosting your productivity.
13. Optional filling and labeling accessories are available to further upgrade the line according to your needs.
Bottle Washer:
14. Automatic Bottling Washer Filler Capper Line's pneumatically powered air washer thoroughly cleans the bottles without the possibility of leaving water stains, thus guaranteeing the high quality of your product.
15. The washing unit works with bottles of various sizes; optional capping heads are available to further expand the range of suitable applications.
Liquid Filling Machine
16. Optional piston pumps are available to upgrade your filling precision.
17. Optional material tank and blender available to fill your products without jerks.
18. Automatic Bottling Washer Filler Capper Line is equipped with check-valves, the filling unit automatically stops filling liquid when a filling task is completed, constantly providing filling precision.
19. Automatic Bottling Washer Filler Capper Line is programmed with multiple parameter settings, saving slots, allowing pre-saved parameters according to production plans; Switching labeling products without constant change of parameter settings.
20. Automatic Bottling Washer Filler Capper Line is an integrated capping unit that combines cap sending and sorting into one unit, fulfilling capping tasks with ease; a great way to save labor costs.
21. Polyurethane-made capping heads provide high flexibility and durability without scratching the surface of your bottle caps.
22. Torque-controlled capping system screws the caps of your products just right without being too tight or too loose.
Labeling Machine
23. The labeling speed of the round bottle labeler reaches up to 13 meters per minute. Speed is adjustable for your expected productivity.
24. The equipped roller unit presses labels to ensure cohesion.
25. Automatic Bottling Washer Filler Capper Line's Pneumatically powered gripping unit is easy to disassemble and to replace according to the different sizes of your labeling bottles.

Specification

Bottle Washing Machine:

- **Air Washer Speed:** 18 bottles/minute
- **Applicable Bottle Diameter:** 52-66 mm
- **Applicable Bottle Height:** Up to 360 mm



- **Dimension:** (L) 2350 mm (W) 900 mm (H) 2160 mm
- **Weight:** 390 kgs

Liquid Filling Machine:

- **Filling Speed:** Up to 250 ml/second
- **Filling Range:** Up to 2,000 ml
- **Filling Precision:** $\pm 0.5\%$
- **Dimension:** (L) 2412 mm (W) 1020 mm (H) 2202 mm
- **Weight:** 420 kgs

Capper Machine

- **Applicable cap type:** standard screw caps
- **Capping speed:** 20-25 bottles/minute
- **Dimension:** (L) 3048 mm (W) 1020 mm (H) 2582 mm
- **Weight:** 480 kgs

Bottle Label Applicator:

- **Applicable Bottles:** Round Bottles
- **Applicable Label Type:** Opaque Labels
- **Applicable Label Length/Width:** Up to 100 mm/Up to 300 mm
- **Label Roll Diameter:** Inside 75 mm; Outside 300 mm
- **Dimension:** (L) 2000 mm (W) 1800 mm (H) 1100 mm
- **Weight:** 330 kgs
- **Power Input:** 110/220 VAC, 50/60 Hz, One Phase
- **Air Pressure:** 90 PSI/3CFM

Option Accessories

- Servo Motor System
- Bottle Water Rinser
- Laser Imprinter
- Hot stamping coding machine
- Transparent Photo-electronic eyes (Sensors) for transparent labels



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AUTOMATIC WINE FILLING CAPPING LINE

SKU: FL-4200

Automatic Wine Filling Capping Line is designed for glass bottles and cork and can be applied to bottled wine products such as Sorghum, whiskey, Shaoxing wine, agave, rum, brandy, vodka, sake, liqueur, fruit wine, and any kind of liquid with an alcohol concentration between 2% and 60%.

This Automatic Wine Filling Capping Line is equipped with a filling machine that can be used to fill liquids which over 60% alcohol concentration, and because of the overflow design, the slight size difference would not affect the instrument, so every bottled product is going to have the same liquid level.

Also, the bottle filling capping machine is equipped with a capping machine that can precisely handle automatic cap feeding, cap placing, and capping procedures, so the instrument is your best choice for bottling alcoholic drink products.

How To Use The Automatic Wine Filling Capping Line On Different Kinds of Alcoholic Beverages?

Alcoholic beverage includes Brewing wine and distilled wine, and the alcohol concentration of these wines might vary from 2% to more than 60%.

Our automatic wine filling capping line is made of special material which is best suited for high-concentration wine, and because the high percentage of alcohol may interact with the plastic tube, the tube and pipe used on the machine cannot have plastic parts.

The Automatic Wine Filling Capping Line meets the explosion-proof requirement and is made of high-quality stainless steel; furthermore, any tube that has direct contact with alcohol meets the SGS test.

Also, all alcohol-contacted surfaces are made of special materials to ensure they're easy to clean and avoid any crystallization remaining in the pipes that might cause contamination or affect product quality.

Generally, wine products are usually bottled in a high-cleanness glass container, either a transparent or colored glass bottle. Our overflow filling machine ensures that bottled wine products have consistency in liquid level and have no difference in visual differences.

The Automatic Wine Filling Capping Line can be applied to corks, and the conveyor device for corks on it is not a common vibrating design that might cause sawdust contamination.

The hopper of this instrument is customized, with no blind angle and





easy to clean, also being able to prevent salt crystallization from accumulation and avoid highly concentrated alcohol beverages from volatilization.

The Automatic Wine Filling Capping Line meets the explosion-proof requirement, so it's safe to be used on highly concentrated alcohol products. For different types of caps, there is also a wine bottle aluminum-caps capping machine available, and our machine can be applied to various kinds of bottle sizes/shapes.

Besides, the highly customized production line we could provide can bring the largest benefit for you.

Features

1. The liquid filling machine is equipped with a stainless steel filling nozzle, and no foam will be formed while filling the bottle.
2. The automatic Wine Filling Capping Line is controlled by a microcomputer synchronously, so the whole filling and capping procedure is continuous.
3. Food-grade liquid pipe that meets cGMP standard.
4. Automatic Wine Filling Capping Line meets the explosion-proof requirement, so it's safe to be used on highly concentrated alcohol products.
5. The precise sensor made in Japan can detect the bottle and control the valves accurately.
6. The seamless hopper avoids alcohol from evaporating, ensuring the quality of the product.
7. Automatic Wine Filling Capping Line's all-in-one design integrates the machine and production line.
8. All filling pipes meet the food grade standard.
9. Because of the Simple-operated HMI, the operator can easily adjust the setting parameters, improving production efficiency.
10. The Automatic Wine Filling Capping Line is equipped with PLC, HMI, and a colored touchscreen panel that is simple to use and display clearly.
11. Automatic Wine Filling Capping Line's multiple parameters memory function lets you adjust your production easily and efficiently.
12. The Capping machine is controlled by a microcomputer synchronously, making the T-shaped cork be placed on the bottle mouth precisely.
13. The height of the filling nozzle is adjustable according to the bottle you use, so the filling machine is able to apply to different sizes of bottles.
14. The liquid filling machine is equipped with a drip-free device beneath the filling nozzle to avoid contamination and keep the instrument clean.
15. The speed and production capability of the Automatic Wine Filling Capping Line are adjustable.
16. Automatic Wine Filling Capping Line's Z-shaped conveyor makes the cork caps stable and reliable.



17. Automatic Wine Filling Capping Line can be applied to 1%-60% alcoholic beverages.
18. The hopper of this filling machine is customized, with no blind angle and easy to clean, also being able to prevent salt crystallization from accumulation and avoid highly concentrated alcohol beverages from volatilization.
19. The production amount counter lets you monitor the production easily.
20. The number of filling nozzles is customizable, depending on your requirements.
21. Automatic Wine Filling Capping Line is made of stainless steel and hardened aluminum alloy, that solid and durable.
22. The filling capacity is adjustable via a PLC-controlled system.
23. Automatic Wine Filling Capping Line can improve your production capacity, reduce the manpower needed, and the labeling station is available.
24. The Automatic Wine Filling Capping Line is equipped with an adjustable base and a movable design, which provides its uncommon convenience.

Specification

Overflow liquid filling machine

- **Filling speed:** Max. 250 ml/sec
- **Filling range:** Max. 5000 ml
- **Dimension:** (L) 1900mm (W) 1200mm (H) 1700mm
- **Weight:** 380 KG

T-shaped cork capping machine

- **Cap type:** Cork
- **Capping speed:** 10-20 BPM
- **Dimension:** (L) 1500mm (W) 1200mm (H) 1800mm
- **Weight:** 320 KG

Power and air supply

- **Power:** 110/220 VAC, 50/60 Hz, single phase
- **Air Pressure:** 90 PSI/ 3CFM

Option Accessories

- Automatic bottle infeed machine
- Bottle Rinser



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- Stainless steel cover shell
- Caps feeding device for different sizes/shapes of caps
- Different Dia./ types of Filling tubes
- Temperature-proof and abrasion-proof tubes are available

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AUTOMATIC FILLING AND CAPPING MACHINE LINE

SKU: FP-5600 / CW-4100 / RT-1000



Automatic Filling and Capping Machine Line (overflow filler) can do automatic bottle feeding, automatic liquid filling, automatic cap feeding, cap placing, cap screwing and automatic bottle out-feeding procedure, and the machine can be applied to round and oval round bottle container that usually be used on daily cleaning supplies such as shampoo, shower gel, moisturizing cream, perfume, laundry detergent and dishwashing.

Because the oval bottles have a larger surface that can be used for product feature demonstration, also, its lively shape makes it a popular and makes them common packaging choice.



Automatic Filling and Capping Machine Line is designed for oval bottles which easy to overturn while conveying, providing stable and balanced transportation for many sizes/heights of bottles. The filling station has multiple filling nozzles and dual-track conveying, which are designed for maintaining continuous production and increasing efficiency.

Also, the distance between the two bottles remains proper so that there is no interference in the liquid filling procedure. After filling procedure, the bottles will be conveyed to the cap-placing machine, and start automatic cap placing, cap pressing and cap screwing process simultaneously.

The 3-in-1 machine design of cap-sorting, cap-pressing, and cap-screwing not only shortens the process time but also saves space in the production area.

Automatic Filling and Capping Machine Line will correct the system automatically according to the central spot of the container while doing liquid filling and cap screwing procedure. If the production line is connected to the labeler, the production line can correct or maintain the specific transporting angle.

Every mechanism was designed after full consideration of production details, making the production process fluent and efficient.

How Could The Automatic Filling Capping Line Be Used On Different sizes of Round and Oval bottles?

Automatic Filling and Capping Machine Line can be applied to low to medium-concentrated liquids. In addition, when the container is an oval bottle, not a common round bottle, it would be more challenging to design a full automatic bottle unscrambler, conveyor, filling machine, capping machine, and labeling machine because unlike a common



round bottle, the oval one could be more various in dimension and shape.

(Oval bottle has both short and long axes, which causes more variety, so sometimes it cannot use a common design for bottle unscrambling, conveying, positioning, and bottle out-feeding purposes.)

We will customize the filling capping machine design according to the shape of the bottle you'd like to use, providing oval bottle automatic filling capping modules that have the advantage of universal application and can be applied to different sizes of round/oval bottles.

The mechanical design focused on the commonality of the module, providing an easy-changing and simple-to-adjust method that means convenience in operation, and a fully automatic high-speed liquid filling capping production line.

Features

1. Automatic Filling and Capping Machine Line is equipped with a threaded-rod conveying device that makes bottle transport more stable and consistent.
2. Multiple nozzles, a dual-track liquid filling machine keeps you from wasting time on bottle positioning, and it saves your filling time, which can improve capacity.
3. Automatic Filling and Capping Machine Line's gear pump used on the filling machine meets the hygiene regulations.
4. The Module on the instrument can be customized to apply to different bottles.
5. Automatic Filling and Capping Machine Line's filling volume is adjustable, depending on the bottle capacity and bottle mouth diameter.
6. Automatic Filling and Capping Machine Line's memory function lets you save and load the parameter setting easily, simple to do product changeover simple.
7. Automatic Filling and Capping Machine Line's filling nozzle is made of stainless steel, and it has a special ball valve that can prevent liquid dripping.
8. Automatic filler capper machine equipped with a high-accuracy Big brand sensor lowers the false detection possibility.
9. The machine interface is user-friendly, simple to operate, and can adjust the filling volume and production speed.
10. The liquid filling machine is equipped with a dripping-free device under the filling nozzle, avoiding liquid dripping.
11. The diving filling nozzle prevents foam from forming when liquid filling.
12. Automatic Filling and Capping Machine Line has a flow sensor and a liquid level detection sensor that provide stable filling speed and precise liquid output.
13. The cap-sorting, cap-feeding, and cap-placing machine can be customized (for special caps)
14. Oval round bottle liquid filling capping machine can be applied to



- room temperature and low viscosity liquid filling production.
15. The capping machine has a no-cap and no-bottle reminder so the operator can monitor the production on time.
 16. The Automatic Filling and Capping Machine Line has a production capacity counting function that can be used for quantity statistics and daily capacity analysis.
 17. The filling tube meets the food, pharmaceutical, and biotech industry requirements; there will be no interaction between the tube and liquid.
 18. The Automatic Filling and Capping Machine Line is easy to adjust and has a precise control system.
 19. The special vacuum valve can be applied to low to medium-concentration liquid filling.
 20. Automatic Filling and Capping Machine Line's Automatic shut-off valve ensures the surplus liquid will flow into the storage tank, and no other recycle equipment is needed.
 21. Automatic capping machine can use different capping modes according to the cap types and bottle shapes you use.
 22. Both filling head and capping head are equipped with a hand wheel and a position indicator, which can help the operator to adjust the machine and record the data.
 23. Automatic Filling and Capping Machine Line has a multi-speed motor-driven conveyor whose speed can be adjusted depending on production requirements.
 24. The modularized design makes it easy to maintain and can be replaced according to your needs.
 25. The Automatic Filling and Capping Machine Line is controlled by a PLC, and its counting function ensures the production process.
 26. The filling line is modularized and can be updated on demand, increasing the production flexibility.
 27. The whole machine (Automatic Filling and Capping Machine Line) is made of stainless steel and hardened aluminum alloy, which is solid and lasting.
 28. Adjustable base frame and moving wheel.
 29. The automatic bottle in-feed and out-feed machine can upgrade the line into full automatic production, reducing the manpower requirement.
 30. Automatic bottle unturned and bottle jam detection function.

Specification

Liquid filling machine (Overflow filling machine)

- **Filling speed:** Max. 250ml/sec
- **Filling range:** Max. 5000ml
- **Dimension:** (L) 2800mm (W) 1500mm (H) 2400mm
- **Weight:** 560 KG

Capping machine (with cap placer)



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- **Cap types:** common screw caps
- **Cap diameter:** 25-55mm
- **Capping speed:** 30-45BPM (depends on the bottle and cap type)
- **Dimension:** (L) 2500mm (W) 1200mm (H) 1600mm
- **Weight:** 450 KG

Power and air supply

- **Power:** 110/220 VAC, 50/60, 1Phase
- **Air:** 80 PSI/ 3CFM

Option Accessories

- Round bottle labeler
- Bottle outfeed machine
- Temperature-proof and abrasion-proof tubes are available
- Automatic bottle infeed machine

Category: [Complete Line](#)



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SOY SAUCE FILLING AND CAPPING AND LABELING PACKAGING LINE

SKU: FL4000 / CP7000 / LR4000

Soy Sauce Filling and Capping and Labeling Packaging Line (Food and Medical Products Filling and Capping Line)

Soy sauce filling and capping packaging line is planned and designed according to the actual filling liquid characteristic analysis, with the customer's production conditions and site demand. We provide the most suitable capacity for filling equipment, packaging line configuration with professionals.

Soy Sauce Filling and Capping and Labeling Packaging Line can be used for plastic and glass containers, and can be customized for various containers within the range of 100~6000ml automatic filling and packaging. Automatic filling and packaging is generally used in plastic containers and glass bottles such as PET, HDPE, etc.

Soy sauce is a salt-rich liquid made from soybeans, which contain rich protein. When the liquid contains protein, it is easy to generate foam while filling.

Food manufacturing industries' customers often encounter foam in the storage tank when the liquid flows back, which easily overflows and stains the machine, and requires operators to spend a lot of time cleaning and handling the liquid material, resulting in more manpower allocation.

Therefore, we designed the foam elimination device on the storage tank to reduce operators' time, effectively reducing the labor cost and the overall layout of the filling and packaging line, and providing operators with high standards of safety and the best ergonomic design.

In addition, the machine's surface will normally be covered with crystallized salt due to the interaction of volatilization and evaporation while filling, even if the machine does not come into contact with the high-salt liquid, which will cause the mechanism to lock up and be unable to adjust due to the crystallized salt.

We have made various design improvements to overcome unadjustable mechanisms due to high salt crystallization. In order to maintain hygienic conditions for food production, the machine must be cleaned after use.

In addition to the ease of cleaning the machine, our filling and capping equipment is food grade certified and conforms to the cGMP Good Manufacturing Practice for pharmaceuticals, making it easier to use.



Overflow Liquid Filling Machine

It is especially suitable for foamy liquids, such as sauces, vinegar, soy sauce, oyster sauce, etc. The principle is to pump back the bubbles generated during the filling process by vacuum pumping. The liquid can flow back to the storage tank automatically, thus ensuring a consistent level of liquid in each bottle and achieving a standardized product volume.

The most important feature of this filling machine is that it can significantly reduce the contact area between the liquid and the machine, which is hygienic and easy to clean, making it a popular choice for the food industry.

Adjustable according to production capacity and speed

Multi-filling heads (6 heads / 12 heads... etc.) The number of filling heads can be adjusted according to the actual production requirements. The liquid will be stored and filled by a storage tank set up at the back to reduce the number of refills and reduce the manpower allocation.

Flexible filling range 100 ~ 6000ml

Soy Sauce Filling and Capping and Labeling Packaging Line is suitable for filling volumes from 100ml to 6000ml, with high flexibility and versatility. We can recommend the most suitable production line solution for you and customize the machine according to your needs to help your filling line reach the highest performance.

A wide selection of food-grade filling tubes

We design various filling tubes according to liquid needs with food-grade certification. All liquid contact surfaces are SUS316, resistant to strong acids and alkalis, making it easy to maintain and extend the service life.

Capping Machine

The fully automatic filling and capping production line, the production sequence "filling → cap unscrambling → cap feeding → cap placing → capping," is a complete capping process with a fully automatic capping system.

You can choose a servo motor, a stepper motor, or a pneumatic motor depending on the characteristics and needs of the product. To provide stable torque capping, avoiding wrong pitch capping to cap firmly, without damaging the bottle and cap, to keep the product's appearance intact.

Variety of Capping Solutions

Whether it is a pressed cap, screw cap, locking cap or sealing cap, including bottle cap with inner stopper and outer cap, screw cap, metal cap, aluminum cap, spray cap, safety cap, etc., a dedicated capping



machine.

In addition, we also provide a variety of custom capping head designs, and the mechanism can be adjusted to meet the capping needs of multiple cap sizes within a fixed range, allowing the capping machine to maximize its effectiveness.

Highly Accurate Sensor to Detect and Position Bottle Feeding and Capping

Soy Sauce Filling and Capping and Labeling Packaging Line adopts German or Japanese high-end sensors to automatically position the bottle feeding, cap placing, and capping. It is equipped with a bottle gripping conveyor belt to prevent collision before capping.

The automation results in smooth, shortening the operation process, reducing the error rate, saving manpower, and maximizing the efficiency of the equipment.

Labeling Machine

According to the product labeling form and demand, design the labeling machine that matches the bottle shape and the labeling form and position—equipped with an automatic bottle guiding system, which can smoothly convey the bottles to the fixed position for precise labeling and no mislabeling.

Soy Sauce Filling and Capping and Labeling Packaging Line's automatic detection and mechanism linkage design, combined front-end filling machine and capping machine, to synchronize the adjustment of the production capacity and speed of the production line. The whole production line is connected with signals.

The production of labeling is smooth and continuous. It is equipped with a counting function so that the quantity of labeling can be accurately monitored.

An optional date coder (hot stamping date coder, ink jet date coder, or laser date coder) can be used to mark production date, expiration date, serial number or code, etc., which becomes a powerful assistant in the production line.

Application & Advantage

Application

Fluid and foamy liquids such as soy sauce, vinegar, oat milk, fruit juice, functional drinks, health drinks, syrups, pharmaceuticals, cold and flu syrups, oral liquids or alcoholic beverages.



Suitable container shape

Round bottle, square bottle, bottle with handle, or 1 gallon plastic bottle

Filling capacity range: 100~6000 ml

Container quality: Glass, HDPE, PET, LDPE plastic bottles, etc.

Applicable industries: Food industry, pharmaceutical industry

Cap type

Plastic screw cap, pilfer proof cap, child-resistant cap, double-wall plastic cap, tamper-evident cap, press-fit cap, etc. are all suitable.

Capping method

Pneumatic cap pressing. Electric or pneumatic capping

Cap specification range

18~50 mm (other sizes are available for customization)

Labeling types

Labeling types: round bottle labeling, square bottle labeling, double-sided labeling, side labeling, horizontal roll labeling, tamp labeling, L- and C-shape labeling, angle-folding labeling, wrap-around labeling, two-sided labeling, top and bottom labeling, front & back labeling, and specific position labeling.

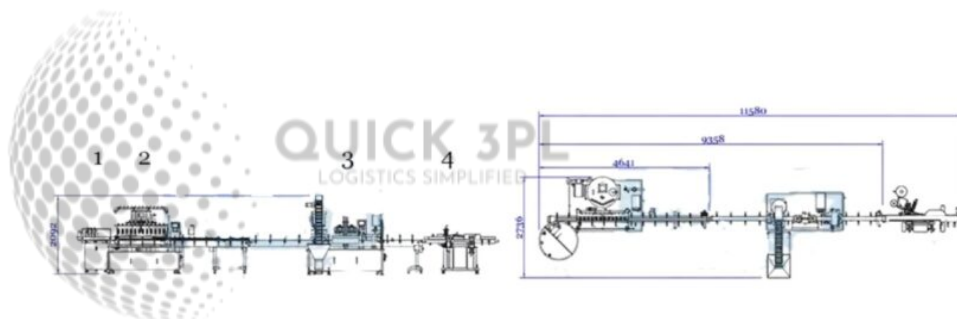
Label types

self-adhesive labels, promotional labels, tamper-evident labels, sealing labels, self-adhesive labels, gloss labels, matte labels, metallic labels, durable labels, silkscreened labels, flexographic labels, GS1 labels, medical device labeling, nutritional facts labels, barcode labels, transparent labels (optional with sensors).



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Features

1. Synchronized operation of multiple filling nozzles to ensure production capacity
2. 4~16 sets of filling nozzles, the number of filling nozzles can be customized according to the production capacity. Filling capacity and production speed can be adjusted by yourself
3. Soy Sauce Filling and Capping and Labeling Packaging Line has an automatic detection by the precision electric sensor, all bottle is filled
4. Soy Sauce Filling and Capping and Labeling Packaging Line has a bottle guiding system to maintain smooth bottle-feeding without jamming.
5. Soy Sauce Filling and Capping and Labeling Packaging Line has a filling nozzle backstop device to ensure no dripping of liquid
6. Soy Sauce Filling and Capping and Labeling Packaging Line is equipped with PLC and Human-machine interface system, easy operation, full automation of production line, and increase production capacity.



7. Soy Sauce Filling and Capping and Labeling Packaging Line has an automatic parameter memory function, no need to re-adjust the machine before production
8. Soy Sauce Filling and Capping and Labeling Packaging Line's filling interval/filling delay can be adjusted according to the production capacity.
9. Soy Sauce Filling and Capping and Labeling Packaging Line's liquid contact parts are made of SUS #316, which meets safety and hygiene standards.
10. The main structure is made of s/s SUS #304 and some aluminum alloy parts, which is precise and stable, wear-resistant, and easy to maintain.
11. Soy Sauce Filling and Capping and Labeling Packaging Line is suitable for capping in various industries. It can be used to cap with stable torque, and the mechanism can be adjusted quickly to meet the requirements of different caps.
12. Soy Sauce Filling and Capping and Labeling Packaging Line is equipped with a production line safety device to ensure the safety of personnel during operation
13. Soy Sauce Filling and Capping and Labeling Packaging Line adopts German or Japanese high-end sensors, an automatic positioning system
14. Soy Sauce Filling and Capping and Labeling Packaging Line has a pneumatic capping mechanism for rapid product displacement to enhance efficiency
15. Motor-controlled capping torque, speed adjustment for different caps, and increasing capping accuracy
16. Multi-adjustment design, easy to set, digital control to adjust the height of the product bottle, or adjust the height by hand wheel, suitable for all kinds of products capping
17. Labeling delay device, with labeling part, adjust the labeling time according to the production line demand
18. Fixed base and movable rollers coexist for fast movement according to the demand of the production area
19. The design of the labeling device makes the label fit more smoothly.
20. Soy Sauce Filling and Capping and Labeling Packaging Line has an automatic labeling and counting function for clear calculation of labeling output
21. Microcomputer control with LED display counter
22. The labeling speed and conveyor belt can be adjusted according to the requirements of production line speed requirements.
23. Soy Sauce Filling and Capping and Labeling Packaging Line saves time and ensures high efficiency
24. Food-grade wear-resistant conveyor belts and low-friction conveyor guardrails meet high hygienic requirements while maintaining the integrity of product appearance.
25. A safety device will stop the machine if there is a situation to avoid damaging the product container during the production process.
26. The whole Soy Sauce Filling and Capping and Labeling Packaging Line is made of stainless steel SUS#304 and high-grade aluminum alloy.



Specification

- **Automation level:** Fully automatic
- **Speed:** 15-35 bpm (depending on filling volume, customized according to requirements)
- **Filling liquid:** Fluid and foamy liquid
- **Filling range:** 100-6000ml
- **Bottle size:** Various types of bottles and cans can be customized
- **Cap size:** Various types of caps can be customized
- **Label size:** (W) 10-100mm (L) 20-300mm
- **Label roll diameter:** (I.D.) 75mm (O.D.) 300mm
- **Air pressure requirement:** 5-8KGS
- **Power Requirement:** 110/220VAC, 50/60Hz, single phase
- **Machine Size:** (L)11580mm (W)2736mm (H)2092mm
- * Dimensions may vary depending on bottle and cap size; detailed specifications are subject to actual shipment.

Option Accessories

- Feeding device
- Anti-drip filling nozzle
- Storage tank
- Heating drums
- Tank with liquid level sensor
- Drum stirrer
- Date coder, batch number coder or bar coder
- outfeeding turntable

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AUTOMATIC 12-NOZZLE PISTON FILLING CAPPING LABELING LINE

SKU: NFP-4125+NCT-415+NLD-3055

Automatic 12-Nozzle Piston Filling Capping Labeling Line NFP-4125

connects a 12-nozzle piston filler with an automatic cap feeding capper and a double-sided labeler. The line can be customized for liquid packaging needs in food and beverage plants, pharmaceutical plants, plants of body-care products, plants of cleaning supplies, chemical plants, etc.

1. Servo-driven piston for accurate filling quality.
2. Available for diving filling for foamy liquid.
3. An advanced detection system makes precise labeling.

Features

1. 12 nozzles filling synchronously with high productivity.
2. Automatic 12-Nozzle Piston Filling Capping Labeling Line is a servo-driven piston for accurate filling quality.
3. Automatic 12-Nozzle Piston Filling Capping Labeling Line's nozzle spacing and height is adjusted by top hand wheel and screw.
4. Available for diving filling for foamy liquid.
5. Automatic 12-Nozzle Piston Filling Capping Labeling Line has an anti-dripping tray; it keeps the machine clean.
6. Automatic 12-Nozzle Piston Filling Capping Labeling Line's capping speed and timing are adjustable.
7. The height of capping head can be adjusted by hand wheel.
8. Automatic 12-Nozzle Piston Filling Capping Labeling Line is equipped with a cap missing alarm.
9. Easy changeover modular for capping different sizes of caps.
10. Automatic 12-Nozzle Piston Filling Capping Labeling Line's labeling height and angle are adjustable.
11. Automatic 12-Nozzle Piston Filling Capping Labeling Line's bottle spacer separates containers into a fixed space.
12. Automatic 12-Nozzle Piston Filling Capping Labeling Line's advanced detection system ensures precise labeling.
13. Top-press-down conveyor supports containers to stand vertically
14. Heavy-duty cabinet basement with casters: easy to move.
15. Automatic 12-Nozzle Piston Filling Capping Labeling Line is made of SUS#304 stainless steel and aluminum alloy for easy maintenance and longevity.

Specification

Filling Machine





- **Filling speed:** 30~50 bpm (depends on product viscosity and bottle size)
- **Filling range:** 100~1000ml (can be customized)
- **Accuracy:** $\pm 1\%$
- **Voltage:** 110 or 220 VAC

Capping Machine

- **Driven device:** Single-phase brushless motor
- **Capping speed:** 20~40 pcs/min (depends on bottle and cap size)
- **Cap Type:** All kinds of screw caps
- **Air consumption:** 5Kg
- **Voltage:** 110 or 220 VAC

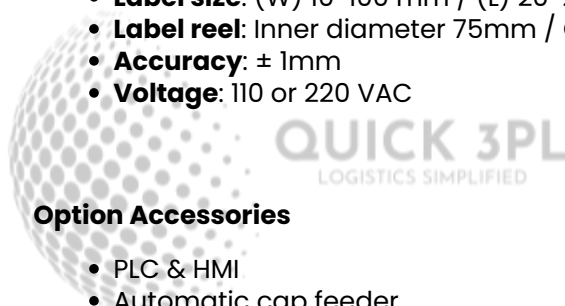
Automatic Labelling Machine

- **Labeling speed:** 20~60 pcs/min (depends on product and label size)
- **Label size:** (W) 10~100 mm / (L) 20~250mm
- **Label reel:** Inner diameter 75mm / Outer diameter 300mm
- **Accuracy:** $\pm 1\text{mm}$
- **Voltage:** 110 or 220 VAC

Option Accessories

- PLC & HMI
- Automatic cap feeder
- Feeding/collecting turntable
- Anti-dust protective case

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AUTOMATIC OVERFLOW FILLING AND ROPP CAP CAPPING PRODUCTION LINE

SKU: NFL-465+NCA-410

Automatic Overflow Filling and ROPP Cap Capping Production Line is widely applied in the food, beverage, and pharmaceutical industries. A labeling machine can also be connected with the 6-nozzle overflow filler & the ROPP cap capper to increase productivity to save more labor costs.

1. Excess liquid or foam will overflow back to the reservoir.
2. Lower cost choice of filler with effective productivity.
3. Easy operation with a user-friendly control interface.

Features

1. Lower cost choice of filler with effective productivity.
2. Automatic Overflow Filling and ROPP Cap Capping Production Line has an overflow filling system: No different liquid level problem.
3. Automatic Overflow Filling and ROPP Cap Capping Production Line is best suitable for filling foamy products at higher speeds.
4. Automatic Overflow Filling and ROPP Cap Capping Production Line can be customized for flammable or corrosive liquid.
5. Excess liquid or foam will overflow back to the reservoir.
6. Automatic Overflow Filling and ROPP Cap Capping Production Line has an anti-dripping tray, which keeps the machine clean.
7. All Automatic Overflow Filling and ROPP Cap Capping Production Line's liquid contacting parts are made of stainless steel or sanitary materials.
8. Automatic Overflow Filling and ROPP Cap Capping Production Line's customized design for capping aluminum ROPP caps.
9. Easy changeover modular for capping different sizes of caps.
10. Capping speed, pressure, and torque are adjustable by knobs.
11. Automatic Overflow Filling and ROPP Cap Capping Production Line is equipped with an emergency button for safety concerns.
12. Automatic Overflow Filling and ROPP Cap Capping Production Line's capping height can be adjusted simply by hand wheel.
13. Easy operation with a user-friendly control interface.
14. Automatic Overflow Filling and ROPP Cap Capping Production Line has a heavy-duty cabinet base with casters, easy to move.
15. Automatic Overflow Filling and ROPP Cap Capping Production Line is made of SUS#304 stainless steel and aluminum alloy for easy maintenance and longevity.

Specification



Liquid Filling Machine

- **No. of nozzles:** 6 nozzles (can be customized to 4, 8, or 12 nozzles)
- **Filling speed:** 25~40 bpm (depends on product viscosity and bottle size)
- **Filling range:** 100~4000ml (can be customized)
- **Accuracy:** $\pm 1\%$
- **Voltage:** 110 or 220 VAC

Capper Machine

- **Driven device:** Single-phase brushless motor
- **Capping speed:** 30~40 pcs/min (depends on bottle and cap size)
- **Cap type:** Aluminum caps
- **Air consumption:** 5Kg
- **Voltage:** 110 or 220 VAC

Option Accessories

- PLC & HMI
- Automatic cap feeder
- Feeding/collecting turntable
- Anti-dust protective case

Category: [Complete Line](#)





AUTOMATIC BOTTLE RINSING FILLING AND CAPPING MACHINE

SKU: NBW-565 / FG-585 / NCW-310

Automatic Bottle Rinsing Filling and Capping Machine

This is a touchscreen PLC-based Rotary Automatic Bottle Rinsing Filling and Capping Machine. This machine is mainly used for bottle rinsing, filling, and capping of drinks such as Beverages, Soft drinks, Juice, Synthetic Flavoured Juice, etc.

The Automatic Bottle Rinsing Filling and Capping Machine design shortens the time for the packaging, reduces outside contamination, increases the sanitation condition throughout the machine, and is economical. Neostarpack is a filling capping machine manufacturer, supplier, and service provider of food and beverage processing plants and machines in Taiwan.

Packaging Segment:

1. Automatic Bottle Rinsing Filling and Capping Machine
2. Jar Filling Machine
3. Juice Filling Machine

Advantages:

1. Fully automatic in-line system from rinsing, filling to capping.
2. Flexible to fill various liquids from water-thin to heavy paste products in a variety of bottle materials, sizes, and filling volumes.
3. Applied to a wide range of industries including cosmetics, chemicals, pharmaceuticals, food, and beverages.

Features

1. Comprehensive and complete bottle filling solution.
2. Any packaging stations can be customized to meet your sourcing need.
3. Automatic Bottle Rinsing Filling and Capping Machine's efficient design enables quick change-over for different product.
4. Automatic Bottle Rinsing Filling and Capping Machine is built with anti-dust housing, hygiene concerning.
5. Automatic Bottle Rinsing Filling and Capping Machine has two rinsing options, water and vacuum.
6. Automatic Bottle Rinsing Filling and Capping Machine has a bottle turnover device.
7. Automatic Bottle Rinsing Filling and Capping Machine's filling nozzles can be customized to meet the specialty



8. Automatic Bottle Rinsing Filling and Capping Machine's advanced valves prevent liquid from dripping down.
9. Drip tray setting, surplus liquid backflow, no waste.
10. High torque design for quality capping.
 11. Cap elevator, feeding cap automatically and smoothly.
12. Automatic Bottle Rinsing Filling and Capping Machine adopts a precise sensor, smart operating, no bottle, no rinsing, no filling, and no capping.
13. Colorful touch screen controller.The
14. Automatic Bottle Rinsing Filling and Capping Machine has a user-friendly PLC+HMI system.
15. Automatic Bottle Rinsing Filling and Capping Machine is equipped with alarms that control production conditions immediately.
16. Job memory device, quick and simple changeover.
17. Front panel Start and Emergency Stop button.
18. Multiple rinsing, filling, feeding and capping speeds for accurate control of production.
19. Automatic Bottle Rinsing Filling and Capping Machine has automatic pneumatic gates for bottle entry and exit
20. Automatic Bottle Rinsing Filling and Capping Machine has a sturdy conveyor.
21. Conveyor guide rail can be adjusted to accommodate any size of bottles
22. Mounted casters, easy to move.
23. Robustness construction, easy maintenance, and longevity.
24. Automatic Bottle Rinsing Filling and Capping Machine's stainless Steel enclosure provided for complete hygienic bottling.
25. Unique pick and place type capping with adjustable torque mechanism.
26. Speed Control by AC Drive.
27. Easy-open nozzles for easy cleaning.

Specification

RINSING MACHINE

- **Rinsing way:** Water and Vacuum
- **Rinsing speed:** Max. 30bpm
- **Machine dimension:** (L) 5100mm(W) 1500mm(H) 2400mm
- **Machine weight:** 400 KG
- **Power supply:** 110/220VAC, 50/60HZ, 1 PHASE

FILLING MACHINE

- **Speciality products:** ■Foamy ■Corrosive ■Warm ■Particulate
- **Filling speed:** Max. 250ml/sec
- **Filling range:** Max. 5000ml
- **Filling accuracy:** ± 0.5%
- **Machine dimension:** (L) 5100mm(W) 1500mm(H) 2400mm
- **Machine weight:** 500 KG



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- **Power supply:** 110/220 VAC, 50/60HZ, 1 PHASE
- **Air pressure requirement:** 90PSI/3CFM

CAPPING MACHINE

- **Speciality products:** ■Screw cap ■ROPP cap
- **Cap diameter:** Max. 30mm
- **Capping speed:** Max. 30bpm
- **Machine dimension:** (L) 2000mm(W) 1200mm(H) 1600mm
- **Machine weight:** 350 KG
- **Power supply:** 110/220VAC, 50/60HZ, 1 PHASE
- **Air pressure requirement:** 90PSI/3CFM

Category: [Complete Line](#)



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BOTTLE RINSING AND FILLING MACHINE LINE

SKU: NBW-565+NFL-545+NCW-310

Bottle Rinsing and Filling Machine Line is built to help with product security and hygiene concerns. Air blows into bottles after being inverted, and the dust will be removed by vacuum. The rinsing and filling line is suitable for any material of bottles and is especially designed for integrating with an existing conveyor or packaging system.

1. Bottles turn over the device to assist in removing dust.
2. Four filling nozzles to fill four bottles at one time.
3. It can be customized according to different liquids.

Features

1. The quantity of cleaning nozzles can be customized.
2. Bottle Rinsing and Filling Machine Line filters dust and particles by vacuum.
3. Bottle Rinsing and Filling Machine Line's nozzle spacing and height is adjusted by top hand wheel and screw.
4. Bottles turn over the device to assist in removing dust.
5. A water rinser is also available.
6. Bottle Rinsing and Filling Machine Line is controlled by PLC & HMI: a user-friendly control system.
7. Bottle Rinsing and Filling Machine Line has PVC anti-dust protective cases for hygiene concerns.
8. Bottle Rinsing and Filling Machine Line is suitable for free-flowing liquid filling requirements like water and juice.
9. Controlled by PLC with color touchscreen: filling volume, speed, and interval time can be adjusted directly on HMI.
10. Bottle Rinsing and Filling Machine Line has four filling nozzles to fill four bottles at one time.
11. Bottle Rinsing and Filling Machine Line has fiber optic sensors for container gating.
12. Bottle Rinsing and Filling Machine Line can be customized according to different liquids.
13. Capping speed and timing are adjustable.
14. The height of the capping head can be adjusted by hand wheel.
15. Bottle Rinsing and Filling Machine Line is equipped with a cap missing alarm.
16. Easy changeover modular for capping different sizes of caps.
17. Bottle Rinsing and Filling Machine Line has a heavy-duty cabinet base with casters: easy to move..
18. Bottle Rinsing and Filling Machine Line is made of SUS#304 stainless steel and aluminum alloy for easy maintenance and longevity.



Specification

Bottle Rinser Machine

- **Rinsing speed:** 20~30 pcs/min (depends on product and label size)
- **Air consumption:** 5Kg
- **Voltage:** 110 or 220 VAC

Auto Filler Machine

- **Filling speed:** 20~40 bpm (depends on product viscosity and bottle size)
- **Filling range:** 100~1000ml (can be customized)
- **Accuracy:** $\pm 1\%$
- **Voltage:** 110 or 220 VAC

Automatic Capper Machine

- **Driven device:** Single-phase brushless motor
- **Capping speed:** 20~30 pcs/min (depends on bottle and cap size)
- **Cap Type:** All kinds of screw caps
- **Air consumption:** 5Kg
- **Voltage:** 110 or 220 VAC

Option Accessories

- PLC & HMI
- Automatic cap feeder
- Feeding/collecting turntable
- Anti-dust protective case

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AUTOMATIC LIQUID FILLING LINE

SKU: NFL445+NCA-410+NLR-3002

Automatic Liquid Filling Line is built up with an auto bottle feeder, a 4-nozzle gear pump filler, a ROPP cap capper with auto-cap-feeder, a round labeler with neck label applicator, and a collecting tray, applied in food, beverage, chemical, and other industries.

The direction of the production line is from right to left, and it can also be customized to the opposite direction.

1. Gear pumps fill simultaneously to achieve high accuracy at high speed.
2. Anti-dripping tray: keeps the machine clean.
3. Capping height can be adjusted simply by hand wheel.

Features

1. No bottle, no filling/capping/labeling.
2. The number of filling nozzles can be customized.
3. Automatic Liquid Filling Line's gear pumps fill simultaneously to achieve high accuracy at high speed.
4. Automatic Liquid Filling Line is equipped with a bottle index system to ensure precise filling position.
5. Automatic Liquid Filling Line has an anti-dripping tray: keeps the machine clean.
6. Easy changeover modular for capping different sizes of caps.
7. Automatic Liquid Filling Line's capping speed, pressure, and torque are adjustable by knobs.
8. Capping height can be adjusted simply by hand wheel.
9. Automatic Liquid Filling Line's labeling height and angle are adjustable.
10. Wrap station makes labels adhered perfectly.
11. Automatic Liquid Filling Line has a sensor detection system: no bottle, no labeling.
12. Automatic Liquid Filling Line is equipped with an emergency button for safety concerns.
13. Heavy-duty cabinet basement with casters: easy to move.
14. Automatic Liquid Filling Line is made of SUS#304 stainless steel and aluminum alloy for easy maintenance and longevity.

Specification

Liquid Filling Machine

- **Filling speed:** 20~40 bpm (depends on product viscosity and



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bottle size)

- **Filling range:** 100~4000ml (can be customized)
- **Accuracy:** $\pm 1\%$
- **Voltage:** 110 or 220 VAC

Capper

- **Driven device:** Single-phase brushless motor
- **Capping speed:** 20~40 pcs/min (depends on bottle and cap size)
- **Cap type:** Aluminum caps
- **Air consumption:** 5Kg
- **Voltage:** 110 or 220 VAC

Label Applicator

- **Labeling speed:** 20~60 pcs/min (depends on product and label size)
- **Label size:** (W) 10~100 mm / (L) 20~250mm
- **Label reel:** Inner diameter 75mm / Outer diameter 300mm
- **Accuracy:** $\pm 1\text{mm}$
- **Voltage:** 110 or 220 VAC

Option Accessories

- PLC & HMI
- Automatic cap feeder
- Feeding/collecting turntable
- Anti-dust protective case

Category: [Complete Line](#)



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AUTOMATIC COUNTING CAPPING AND LABELING LINE

SKU: NTM-420+NCA-410+NLT-210



Automatic Counting Capping And Labeling Line is designed for packaging regular counting materials, such as tablets, capsules, pills, etc. NTM-420 can finish the whole bottle filling, capping, and labeling production Line.

With PLC user friendly control system and touch screen, it is easy to operate without training and adjustments to save downtime and boost productivity. We design and manufacture automatic counting filling lines and fully automatic production lines, and our products are sold in America, Europe, Asia, and Africa.

1. Advanced sensor detection system for precise counting.
2. Capping height can be adjusted simply by hand wheel.
3. The Starwheel bottle spacing system makes the capping process efficient.

Features

1. Automatic Counting Capping And Labeling Line is equipped with an automatic container feeder.
2. An automatic tablet/capsule counting machine with a conveyor system is needed.
3. Anti-dust mode to ensure counting accuracy.
4. Automatic Counting Capping And Labeling Line has an advanced sensor detection system for precise counting.
5. Any errors will show on the touchscreen to avoid mistakes.
6. Easy changeover modular for capping different sizes of caps.
7. Automatic Counting Capping And Labeling Line's capping speed, pressure, and torque are adjustable by knobs.
8. Capping height can be adjusted simply by hand wheel.
9. Automatic Counting Capping And Labeling Line has a starwheel bottle spacing system that makes the capping process efficient.
10. Automatic Counting Capping And Labeling Line is connected with a top labeler.
11. Labeling height and angle are adjustable.
12. Automatic Counting Capping And Labeling Line has a sensor detection system: no bottle, no labeling.
13. Automatic Counting Capping And Labeling Line is equipped with an emergency button for safety concerns.
14. Heavy-duty cabinet basement with casters: easy to move.
15. Automatic Counting Capping And Labeling Line is used for tablet, capsule, pill filling bottle.
16. Automatic Counting Capping And Labeling Line is made of SUS#304 stainless steel and aluminum alloy for easy



maintenance and longevity.

Specification

Tablet Capsule Counter

- **Counting speed:** 1200 ~ 2000 pcs/min (depends on product size)
- **Tablet size:** height > 2mm, diameter 2 ~ 40mm
- **Accuracy:** 100% at proper speed
- **Air consumption:** 2CFM at 90 PSI
- **Voltage:** 110 or 220 VAC

Capping Machine

- **Capping speed:** 20 ~ 40 pcs/min (depends on bottle and cap size)
- **Cap Type:** All kinds of screw caps
- **Air consumption:** 5 Kg
- **Voltage:** 110 or 220 VAC

Labeler

- **Labeling speed:** 20 ~ 60 pcs/min (depends on product and label size)
- **Label size:** (W) 10 ~ 100 mm / (L) 20 ~ 250mm
- **Label reel:** Inner diameter 75mm / Outer diameter 300mm
- **Accuracy:** ± 1mm
- **Voltage:** 110 or 220 VAC

Option Accessories

- PLC & HMI
- Automatic cap feeder
- Feeding/collecting turntable
- Anti-dust protective case

Category: [Complete Line](#)



TABLET COUNTING FILLING LINE

SKU: NTC-420



Tablet Counting Filling Line NTC-420 is designed for packaging regular counting materials, such as tablets, capsules, etc. With a PLC user-friendly control system and touch screen, it is easy to operate without training and adjustments to save downtime and boost productivity.

1. Automatic tablet/capsule counting machine with conveyor system.
2. Easy changeover modular for capping different sizes of caps.
3. Connected with a top labeler.

Features

1. Tablet Counting Filling Line is equipped with an automatic container feeder.
2. Automatic tablet/capsule counting machine with conveyor system.
3. Tablet Counting Filling Line has an anti-dust mode to ensure counting accuracy.
4. Tablet Counting Filling Line has an advanced sensor detection system for precise counting.
5. Any errors will show on the touchscreen to avoid mistakes.
6. Easy changeover modular for capping different sizes of caps.
7. Capping speed, pressure, and torque are adjustable by knobs.
8. Capping height can be adjusted simply by hand wheel.
9. Starwheel bottle spacing system makes the capping process efficient.
10. Tablet Counting Filling Line is connected with a top labeler.
11. Labeling height and angle are adjustable.
12. Sensor detection system: no bottle, no labeling.
13. Tablet Counting Filling Line is equipped with an emergency button for safety concerns.
14. Tablet Counting Filling Line has a heavy-duty cabinet base with casters, easy to move.
15. Tablet Counting Filling Line is made of SUS#304 stainless steel and aluminum alloy for easy maintenance and longevity.

Specification

Capsule Counter

- **Counting speed:** 1200~2000 pcs/min (depends on product size)
- **Tablet size:** height > 2mm, diameter 2~40mm



- **Accuracy:** 100% at proper speed
- **Air consumption:** 2CFM at 90 PSI
- **Voltage:** 110 or 220 VAC

Capping Machine

- **Capping speed:** 20~40 pcs/min (depends on bottle and cap size)
- **Cap type:** All kinds of screw caps
- **Air consumption:** 5Kg
- **Voltage:** 110 or 220 VAC

Labeller

- **Labeling speed:** 20~60 pcs/min (depends on product and label size)
- **Label size:** (W) 10~100 mm / (L) 20~250mm
- **Label reel:** Inner diameter 75mm / Outer diameter 300mm
- **Accuracy:** ± 1 mm
- **Voltage:** 110 or 220 VAC

Option Accessories

- Automatic cap feeder
- Feeding/collecting turntable
- Anti-dust protecting case

Category: [Complete Line](#)



COUNTING FILLING CAPPING LABELING LINE

SKU: N/A

Counting Filling Capping labeling Line NTC-410 suits for counting various sizes of products such as tablets, capsules, pills, sugar-coated pills, and other similar products.

The counter can meet the requirements for pharmaceutical factories, hospitals, dietary supplement factories, and other factories in various markets.

1. Advanced sensor detection system for precise counting.
2. Error-detecting system for fast troubleshooting.
3. Sensor detection system: no bottle, no labeling.



Features

1. Counting Filling Capping labeling Line has an in-line conveying system with an automatic turntable.
2. Automatic bottle feeding, spacing, and positioning for high-accuracy counting.
3. Counting Filling Capping labeling Line has an anti-dust mode to ensure counting accuracy.
4. Counting Filling Capping labeling Line has an advanced sensor detection system for precise counting.
5. The diameter of the turning device can be customized.
6. Counting speed and mode are adjustable.
7. Counting Filling Capping labeling Line has an error-detecting system for fast troubleshooting.
8. Counting Filling Capping labeling Line has an alarm system to inform operators when production is reached.
9. Counting Filling Capping labeling Line adopt advanced Keyence sensors for high accuracy counting.
10. Capping speed, pressure, and torque are adjustable by knobs.
11. Counting Filling Capping labeling Line's capping height can be adjusted simply by hand wheel.
12. Side grip belt design for proper capping space.
13. Counting Filling Capping labeling Line is connected with a round bottle labeler.
14. Labeling height and angle are adjustable.
15. Sensor detection system: no bottle, no labeling.
16. Counting Filling Capping labeling Line is equipped with an emergency button for safety concerns.
17. Controlled by PLC with a HIM color touch screen for easy operation.
18. Counting Filling Capping labeling Line is made of SUS#304 stainless steel and aluminum alloy for easy maintenance and longevity.



Specification

Tablet Counter Machine

- **Counting speed:** 600~1000 pcs/min (depends on product size)
- **Tablet size:** height > 2mm, diameter 2~40mm
- **Accuracy:** 100% at proper speed (± 1 pcs at overspeed)
- **Voltage:** 110 or 220 VAC

Capper Machine

- **Capping speed:** 20~40 pcs/min (depends on bottle and cap size)
- **Cap type:** All kinds of screw caps
- **Air consumption:** 5 kg
- **Voltage:** 110 or 220 VAC

Labeler

- **Labeling speed:** 20~60 pcs/min (depends on product and label size)
- **Label size:** (W) 10~100 mm / (L) 20~250mm
- **Label reel:** Inner diameter 75mm / Outer diameter 300mm
- **Accuracy:** ± 1 mm
- **Voltage:** 110 or 220 VAC

Option Accessories

- PLC & HMI
- Automatic cap feeder
- Feeding/collecting turntable
- Anti-dust protective case

Category: [Complete Line](#)



COUNTING FILLING CAPPING LABELING LINE

SKU: NTC-410

Counting Filling Capping labeling Line NTC-410 suits for counting various sizes of products such as tablets, capsules, pills, sugar-coated pills and other similar products.

The counter can meet the requirements for pharmaceutical factories, hospitals, dietary supplement factories, and other factories in various markets.

1. Counting Filling Capping labeling Line has an advanced sensor detection system for precise counting.
2. Counting Filling Capping labeling Line has an error detecting system for fast troubleshooting.
3. Sensor detection system: no bottle, no labeling.

Features

1. Counting Filling Capping labeling Line has an in-line conveying system with an automatic turntable.
2. Automatic bottle feeding, spacing, and positioning for high-accuracy counting.
3. Counting Filling Capping labeling Line has an anti-dust mode to ensure counting accuracy.
4. Counting Filling Capping labeling Line has an advanced sensor detection system for precise counting.
5. The diameter of the turning device can be customized.
6. Counting speed and mode are adjustable.
7. Counting Filling Capping labeling Line has an error-detecting system for fast troubleshooting.
8. Counting Filling Capping labeling Line has an alarm system to inform operators when production is reached.
9. Counting Filling Capping labeling Line adopts advanced Keyence sensors for high-accuracy counting.
10. Capping speed, pressure, and torque are adjustable by knobs.
11. Capping height can be adjusted simply by hand wheel.
12. Side grip belt design for proper capping space.
13. Connected with a round bottle labeler.
14. Labeling height and angle are adjustable.
15. Sensor detection system: no bottle, no labeling.
16. Counting Filling Capping labeling Line is equipped with an emergency button for safety concerns.
17. Counting Filling Capping labeling Line is controlled by PLC with a HIM color touch screen for easy operation.
18. Counting Filling Capping labeling Line is made of SUS#304 stainless steel and aluminum alloy for easy maintenance and longevity.



Specification

Tablet Counter Machine

- **Counting speed:** 600~1000 pcs/min (depends on product size)
- **Tablet size:** height > 2mm, diameter 2~40mm
- **Accuracy:** 100% at proper speed (± 1 pcs at overspeed)
- **Voltage:** 110 or 220 VAC

Capper Machine

- **Capping speed:** 20~40 pcs/min (depends on bottle and cap size)
- **Cap type:** All kinds of screw caps
- **Air consumption:** 5 kg
- **Voltage:** 110 or 220 VAC

Labeler

- **Labeling speed:** 20~60 pcs/min (depends on product and label size)
- **Label size:** (W) 10~100 mm / (L) 20~250mm
- **Label reel:** Inner diameter 75mm / Outer diameter 300mm
- **Accuracy:** ± 1 mm
- **Voltage:** 110 or 220 VAC

Option Accessories

- PLC & HMI
- Automatic cap feeder
- Feeding/collecting turntable
- Anti-dust protective case

Category: [Complete Line](#)



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 and 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 consists of multiple stations: an Automatic conveying device with a star wheel design. The first is a filling station; the second one is an auto-cap-placing station; the third is a capping station, and the bottle outfeed machine is also available as an option.

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. An 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. Vial Filling Capping Machine Equipment has an advanced servo motor that 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. Missing cap will be found automatically by the sensor, and capping will stop automatically.
9. Vial Filling Capping Machine Equipment is a servo motor that



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 complies with cGMP standard, and it has automatic control system that working in the whole production procedure.
15. Vial Filling Capping Machine Equipment has an 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 product and it's simple to change the module and clean the machine.
18. The Vial Filling Capping Machine Equipment is time-saving, easy operating and suitable for inexperienced operators.
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: [Complete Line](#)



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FULLY AUTOMATED FILLING-CAPPING-LABELING PRODUCTION LINE

SKU: N/A

Fully Automated Filling-Capping-Labeling Production Line

The system is widely used in food and beverage plants, pharmaceutical plants, plants of body-care products, plants of cleaning supplies, chemical plants, etc. Fully Automated Filling-Capping-Labeling Production Line is suitable for factory automation, integrating the processes of filling, capping, and labeling into a smooth flow production line.

This model uses a high-level interface control system for fast speed and high-precision operation. Thus, the process efficiency improves, and the labor costs are saved.

High Quality Fully Automated Filling-Capping-Labeling Production Line

1. Special leak-proof design for filling valve and anti-flow device to maintain high-quality filling.
2. Multiple memory parameters – The Operator can access the stored data quickly and start up the production immediately.
3. The microcomputer-controlled system is flexible for label dispensing selection: single or dual dispensing, or even single-sided dispensing.

Features

1. Fully Automated Filling-Capping-Labeling Production Line is driven by a high-end servo motor, filling simultaneously by multiple pumps, making various modes available: manual weighing mode and auto-quantitative filling mode.
2. Setting and adjusting the filling volume are easy by using the colorful touch screen of the intelligent PLC control system.
3. Special leak-proof design for filling valve and anti-flow device in order to maintain high-quality filling.
4. Fully Automated Filling-Capping-Labeling Production Line is equipped with an emergency stop button; the safety warning device can immediately alert the operator to operational problems.
5. Heavy-duty and rigid construction: made of stainless steel that conforms to pharmaceutical cGMP rules.
6. Multiple memory parameters—The Operator can access the stored data quickly and start up the production immediately.
7. Fully Automated Filling-Capping-Labeling Production Line is driven by a servo motor, making the capping function precise and fast;



most kinds of caps can be used with the change of the cap head only.

8. Fully Automated Filling-Capping-Labeling Production Line has a capping mechanism driven by dual servo motors that generates appropriate torque to maintain the high capping quality without wear damage to the bottle.
9. Fully Automated Filling-Capping-Labeling Production Line has a digitized rail control that makes the cap feeding smooth, and the functions of positioning, dispensing, and placing are accurate.
10. The use of a made-in-Japan photoelectric eye, the sensing system can automatically shut down when the production line jams, and it can restart when the line becomes smooth.
11. Both the height and the angle of the dual label applicators can be fine-adjusted for fast changeover.
12. Fully Automated Filling-Capping-Labeling Production Line has a microcomputer-controlled system that is flexible for label dispensing selection: single or dual dispensing, or even single-sided dispensing.
13. Fully Automated Filling-Capping-Labeling Production Line has an intelligent control system that gives an alert message when the label is missing, broken, or end-of-reel.
14. Use of high-tech driving mechanism, bottles are positioned precisely; when the line overloads, it automatically shuts down in order to protect the products as well as the machine.
15. The Fully Automated Filling-Capping-Labeling Production Line applies a modular design principle, which can be integrated upward or downward effectively to meet the diverse needs of the product mix.

Specification

Liquid Filler Machine

- **Filling range:** 50~4000ml
- **Filling accuracy:** $\pm 0.5\%$ ~1%
- **Tank size:** 100~200L
- **Power supply:** single phase, 220VAC, 50/60Hz
- **Machine size:** (L)5125mm (W)1528mm (H)2398mm

Automatic Capper Machine

- **Capping speed:** 20~40 pcs/min (depends on bottle and cap size)
- **Cap diameter:** 22~120 mm
- **Cap type:** screw cap or press cap
- **Air pressure requirement:** 4~6 Kg



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- **Voltage:** 110 or 220 VAC

Labeler

- **Product size:** O.D. 20 mm- 125 mm, Height 30-160 mm
- **Label size:** width 10~100mm, length 20-300mm
- **Label reel:** I.D. 75mm O.D. \leq 300mm
- **Conveyor:** 200 mm (full size), or other size by special request
- **Machine size:** (L) 2100mm (W)1380mm (H)1500mm

Option Accessories

- High hygiene level, airtight protective cover
- Feeding turntable, collecting turntable
- Date coder

Category: [Complete Line](#)



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TABLETOP WRAP AROUND AND TOP LABELER

SKU: N/A

Tabletop Wrap Around and Top Labeler is equipped with a round bottle labeling head and a top labeling head. Tabletop Wrap Around and Top Labeler fulfills labeling tasks of round bottles and top labels through a single process. Its greatest advantage is its capacity to carry out the two labeling tasks within one single process.

Its fixed-point round bottle labeler can either apply wrap-around or semicircle labels on a single or two sides of round bottles with high accuracy and within a minimal error range. The labeling speed of the tabletop wrap-around and top labeler is 20 - 50 pcs/min, depending on your specific products or label sizes.

One Labeling Machine, Two Ways Of Labeling

Tabletop Wrap Around and Top Labeler is powered by stepper motors with fixed-speed drives. Its conveyor belt is synchronized with its two labeling heads, which can either work independently or coordinately, through which the tabletop wrap-around and top labeling machine can fulfill the tasks of round bottle labeling and flat labeling in one single process.

Tabletop Wrap Around and Top Labeler applies to round bottles made of all kinds of materials and those with top labeling. Its applications include body lotion bottles, essence bottles, wine bottles, perfume bottles, nail polish bottles, ice cream buckets, lipstick cases, nutrition supplement bottles, chicken extract bottles, detergent bottles, and shampoo bottles etc.

Tabletop Wrap Around and Top Labeler applies standard labels, promotional labels, and anti-counterfeit labels (optional photoelectric eye for transparent labels is available). It works with products of a wide range of industries such as cosmetics, pharmaceuticals, IT, food, and the chemical industry. Therefore, the tabletop wrap-around and top labeler NLR-130 + NLT-100 is the best solution for businesses with only limited workplace space but with versatile labeling needs.

Features

1. Both round bottle labelers and top labelers are equipped with high-quality Japanese-made photo-electronic eyes that automatically detect applications and operate according to settings.
2. The pneumatic fixed-point round labeling unit fulfills labeling tasks with great precision.



3. Tabletop Wrap Around and Top Labeler is powered by fixed-speed stepper motors, providing steady labeling outputs.
4. This multi-functional labeling machine is of great space efficiency, providing an outstanding bottling solution for businesses with limited workplace space.
5. Tabletop Wrap Around and Top Labeler is built with parameter settings in the micro-computer program, freeing you from complicated manual parameter settings, minimizing learning duration.
6. The "One machine, two ways of labeling" feature satisfies an extensive range of labeling needs.
7. Fixed-point round bottle labeler applies wrap-around and semicircle labels with high precision.
8. Tabletop Wrap Around and Top Labeler has synchronized conveyor belts and labeling heads that move products with stability, apply labels with precision.
9. The two labeling heads can work independently or coordinately, boosting the productivity of versatile labeling.
10. The right-angle labeler contains a unique folding mechanism, which can press the label on the cap and the bottle body at the same time, and firmly applies labels on targeted positions.
11. Tabletop Wrap Around and Top Labeler is provided with hand wheel adjustment tools, adjusting labeling angles and heights with ease.
12. When applying different labels, the machine will automatically detect the length of the new labels through its photo-electronic eye, minimizing manual parameter settings.
13. An optional material receiver plate and date imprinting machine could be added to optimize productivity.
14. Tabletop Wrap Around and Top Labeler is made of SUS#304 stainless steel and high-quality aluminum alloy; comes in solidity and durability.

Specification

- **Powered by stepper motors**
- **Labeling Speed:** 20-50 pcs/min (depending on your specific products and label sizes)
- **Applicable bottle size:** Diameter 16mm - 100mm; Height 30mm - 160mm
- **Applicable Label Width/Length:** 10 mm - 100 mm / 10 mm - 300 mm
- **Label Roll:** Inside 75mm; Outside 300mm
- **Power Input:** 110/220 VAC, 50/60 Hz
- **Dimensions:** (L) 1620mm (W) 950 mm (H) 810 mm

Option Accessories

- Photoelectronic eye for transparent labels
- Automatic bottle feeding machine/receiving machine



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- Date coding machine

Category: [Complete Line](#)



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COMPACT FILLING LINE (FILLER / CAPPER / LABELER)

SKU: N/A

Compact Filling Line (Filler / Capper / Labeler)

A semi-automatic star wheel capper is the best solution for an automatic filling line for flexible, small-scale production. With the integration of a feeding turntable, a filling machine, a capping machine, and a labeling machine it provides consistent action without downtime and reduces operators' injuries. Just one machine can fill all your small bottles.

1. Compact Filling Line is allowed to connect with any kind of tabletop filling machine.
2. The entire star wheel can be replaced easily for different sizes of bottles.
3. Pneumatic bottle positioning system for precise bottle positioning.

Features

1. Compact Filling Line can handle screw caps or other screw caps with a special shape of caps
2. Compact Filling Line is equipped with a bottle feeding turntable to save manpower and empty bottle feeding time.
3. The speed of the feeding turntable is adjustable according to requirements.
4. Compact Filling Line is allowed to connect with any kind of tabletop filling machine.
5. Precise detection system, no bottle, no filling, and capping.
6. The entire star wheel can be replaced easily for different sizes of bottles.
7. All settings, including filler and capper, can be set on the touchscreen.
8. No caps alarm stops the running machine if there are no caps under the capping head.
9. Capping height can be adjusted by a numeric hand wheel.
10. Pneumatic bottle positioning system for precise bottle positioning.
11. Compact Filling Line is made of stainless steel and high-grade anodized aluminum.
12. Small batch production is easy and efficient.

Specification

- **Filling range:** 5-150ml
- **Capping speed:** 1000/hr (depends on bottle and cap size)



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- **Cap type:** caps
- **Bottle size:** Dia : 15~50mm / Height : 30~60mm
- **Voltage:** 110 or 220 VAC

Option Accessories

- Customized star wheel

Category: [Complete Line](#)



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AUTOMATIC SMALL BOTTLES FILLING CAPPING LABELING LINE (INCLUDING CAP PLACING MACHINE)

SKU: N/A

Automatic Small Bottles Filling Capping Labeling Line (Including Cap Placing Machine)

Who says that automatic filling and packaging equipment can only choose large equipment? Neostarpack will dispel the myth that an automatic filling production line is only for large machines.

It is often seen that when customers purchase automatic filling machines for bottles, they find that it is usually only the medium and large filling machines that have the scale of automatic production lines.

However, many customers have been confined to the limited production space, such as high-level pharmaceutical preparations, laboratories, initial stage development of new products, or medium-sized capacity requirements. We have designed an automatic small bottles filling, capping, labeling production line that combines the functions of filling, cap placing, capping, labeling, and coding into it.

Automatic Small Bottles Filling Capping Labeling Line is very suitable for those who do not need high-speed mass production and only need small and medium-sized production capacity to meet their production needs.

This Automatic Small Bottles Filling Capping Labeling Line has an automatic cap placing machine, which is usually equipped for the large automatic filling production line. Moreover, it can also provide the output of up to 550 ~ 900 bottles per hour (It differs from product characteristics and the bottles).

Automatic Cap Placing Machine Leads The Tabletop Filling And Capping Line To The Fully-Automated Level.

Generally, when filling a relatively viscous liquid, the working environment is dirty, or the precision is inaccurate due to the viscosity of the liquid. This small capacity viscous liquid filling and capping line can not only help you improve the cleanliness, or being beset by the filling precision.

This compact filling capping line is equipped with a cap placing device for fully automated filling machines. The obvious difference between a fully automated compact filling line and a tabletop semi-automatic filling line is the active detection for the cap placing device. It can save time for cap placement by hand.



The extremity of the automatic compact filling line is equipped with a labeling machine, which can help you accurately stick the label and reduce the bubble generation rate when the bottle is labeled. The fully Automatic Small Bottles Filling Capping Labeling Line with coder allows you to print the manufacturing date, serial number, and expiration date directly on the label.

Features

1. Automatic Small Bottles Filling Capping Labeling Line is suitable for the production of small capacity and viscous liquid products, which can be produced in different types by changing only a few parts.
2. It is suitable for filling products with high viscosity, such as cream, sauce, e-cigarette solution, pharmaceutical drug solution, etc.
3. It is easier to maintain the cleanliness of the work area during production
4. Automatic Small Bottles Filling Capping Labeling Line simplifies operation and is easy to set up
5. Customized star wheel according to different sizes of the products, and additionally providing a small collecting turntable to choose.
6. Providing a customized automatic cap placing mechanism according to different sizes, shapes, and materials of the caps
7. Automatic Small Bottles Filling Capping Labeling Line has a special bottle gripping system that helps to position the capping and makes fewer errors.
8. Labeling speed and label position can be adjusted.
9. Automatic Small Bottles Filling Capping Labeling Line's size is specially designed to meet space-constrained customers
10. Automatic Small Bottles Filling Capping Labeling Line is suitable for the production of liquid products with small capacity specifications
11. Comply with cGMP specifications, the main mechanism adopts stainless steel 304, and a customized design can be provided if there are special specifications.
12. It can be produced once the production data is set, and it's easy for the operator to start.
13. The Automatic Small Bottles Filling Capping Labeling Line satisfies your needs to make the production line automatic production without occupying much space
14. It has five functions: filling, automatic cap placing, capping, labeling, and date or number coding. It can be connected or operate stand-alone.

Specification

- **Filling range:** 10 - 200ml
- **Filling speed:** 30-150ml/s (The production capacity will vary slightly depending on the viscosity of the liquid and the characteristics of the product.)



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- **Air requirement:** 90PSI/3CFM
- **Cap diameter:** Max. 30 mm (Depending on the size and shape of the cap, the speed of capping varies.)
- **Label size:** (W) 10~100mm / (L) 10~250mm
- **Label reel:** (ID) 75mm (OD) < 300mm
- **Power supply:** 110/220 VAC, single phase
- **Coding speed:** 100-120/min (Matching with the setting of the front-end equipment of the production line)
- **Coding width:** 1-3 lines, 1-14 words per line

Option Accessories

- Tabletop bottle collecting machine
- Customized star wheel module
- Mainframe is made of medical stainless steel
- Tabletop bottle feeding machine
- Different capacity and material storage buckets

Category: [Complete Line](#)



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AUTOMATIC ROUND BOTTLE LABELER WITH ROTARY TABLE

SKU: N/A

Automatic Round Bottle Labeler with Rotary Table is the most convenient labeling machine with high stability and precise positioning.

Automatic Round Bottle Labeler with Rotary Table has an automatic bottle feeding and collecting round table to produce efficiently and save labor. Construction is heavy-duty, prolonging the longevity. Automatic Round Bottle Labeler with Rotary Table is ideal for all plastic, metal, and glass round bottles, especially for wrap-around products.

The applicable product: Required to be labeled on the Circumference of the surface or other Curved surface. Applicable industries are Food and beverage, pharmaceutical, cosmetics, chemical, electronic, metal, plastic, and other industries.

We can also supply you with the coding machine for the option to print production date and batch number, shorten the bottle packaging process, and improve production efficiency.

Features

1. Automatic Round Bottle Labeler with Rotary Table has a labeling accuracy within $\pm 1\text{mm}$.
2. Automatic bottle feeding and collecting produce efficiently.
3. Photo eye sensors for smart label, no bottle, no labeling.
4. Automatic Round Bottle Labeler with Rotary Table is used for heavy-duty construction, which prolongs the longevity.
5. Automatic Round Bottle Labeler with Rotary Table is ideal for all plastic, metal, and glass round bottles, especially for wrap-around products.
6. Automatic Round Bottle Labeler with Rotary Table is widely adaptable to any type of industry.
7. Stepper motor drive, label dispensing up to 13 meters/min.
8. The spindle roller module makes it easy to wrap around the bottle.
9. Colorful touch PLC + HMI.
10. Alternative operation mode: test/manual/auto.
11. Memory set, easy to change over.
12. The front panel start and emergency stop.
13. Automatic Round Bottle Labeler with Rotary Table has simple adjusting hand wheels for quick setup.
14. Variable speed conveyor, labeling is flexible.
15. Rotary table speed controller, feeding and collecting smoothly.
16. Stainless steel and anodized aluminum construction, easy to maintain.



17. Automatic Round Bottle Labeler with Rotary Table is equipped with casters, increasing the mobility.
18. Parameter setting protection, which makes the production management easy and convenient.
19. The touch screen operation interface makes the parameter adjustment simple and quick to operate.
20. Automatic Round Bottle Labeler with Rotary Table labels with high stability and precise positioning.

Specification

Labeller

- **Dispensing Speed:** max. 13m/min
- **Label Size:** max. (H) 110mm (L) 150mm
- **Label Roll Size:** Inner Dia. 75mm; Outer Dia. 300mm
- **Power Supply:** 110/220 VAC, 50/60 HZ, 1 PHASE
- **Air Requirement:** 90 PSI / 3 CFM
- **Dimension:** (L) 850mm x (W) 600mm x (H) 500mm

Rotary Table

- **Table Diameter:** 600 / 800 / 900 / 1000 / 1200mm
- **Power Supply:** 110/220 VAC, 50/60 HZ, 1 PHASE
- **Dimension:** (H) 500mm

Category: [Complete Line](#)



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 needs to meet the expectations of the production needs.

This 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 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 materials packaging. Also, the capsule tablet bottle packaging line applies 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.

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.

Bottle Capsule Counting Machine Line can also improve 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. Bottle Capsule Counting Machine Line has a high-precision counting function, accurate to 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, which 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 Bottle Capsule Counting Machine Line is humanistic and simple to use; you don't need the trivially set or adjust.
12. Bottle Capsule Counting Machine Line is equipped with hand wheels, filling heads, capping heads, and labeling heads that can easily adjust the heights.
13. The Bottle Capsule Counting Machine Line is equipped with multiple memorizing parameters functions, which can memorize and retrieve each bottle's setup parameter, 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. Bottle Capsule Counting Machine Line has a multi-speed motor-driven conveyor that 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 Bottle Capsule Counting Machine 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. Bottle Capsule Counting Machine Line 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



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- **Label roll diameter:** (inner) 75mm (outer) 300mm
- **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: [Complete Line](#)



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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.

If 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 automatic filling 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 Edible Oil Filling Packaging 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 Edible Oil Filling Packaging 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. Edible oil Filling Packaging machine has an 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. Edible oil Filling Packaging machine has a dual adjustment mode, which can be controlled by human human-machine interface, and can also be fine-tuned by 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. The Edible oil Filling Packaging machine production line is made of stainless steel 304 material, and the part that has contact with food is made of 316 material to ensure sanitation concerns.
22. 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: [Complete Line](#)



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; 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, 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.

This chemical production 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.

Automated Chemical Products Filling Capping and Labeling Packaging Line

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 a large-capacity packaging way for package to deal with a large amount 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 Automatic capping machine 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 piston pump filling machine 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 food product 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 finds it easier to operate and easier to learn.
6. Production requirements are setting the parameter through an automated human-machine interface, and data adjustment setting 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. Automatic filling machine 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 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

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