

Liquor Production Line

Detail Introduction :

Required machines:

Rotary punching control machine.

Computer intelligent constant pressure self-flow filling machine.

Spider hand-type energy-saving blow dryer.

Single-head aluminum cap screwing machine.

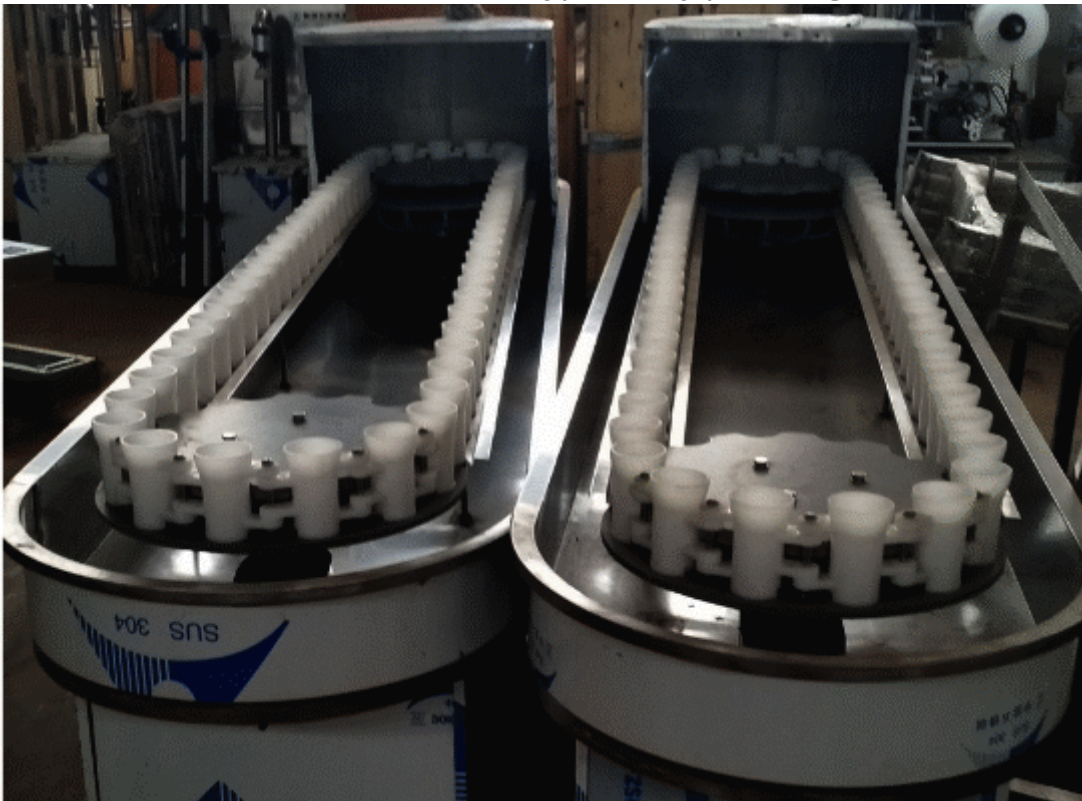
Linear Plastic Anti-Cover Capping Machine.

Automatic inkjet printer.

Automatic round bottle labeling machine.

Tape sealing machine.

HY-56 type rotary punching control machine



Product description:

A. The machine adopts high-quality 304 stainless steel precision casting, and the original sliding is replaced by rolling, which effectively increases the reliability.

B. The chain composed of chain sleeves of this machine is passed into the water retaining cover, and is flushed inside and outside with high pressure water.

C. This machine and filling machine, capping machine, sealing machine, inspection machine, labeling machine, conveyor, etc. can form a packaging production line

Features:

The rotary washing and washing control machine is suitable for washing and controlling a variety of special-shaped bottles. It has many washing times and long bottle control time, which meets the national hygiene standards.

Specifications

Flushing heads	56 heads
Production capacity	3000 bottles/hour
Motor power	0.37kw
Bottle height	150-350mm
Dimensions	3300x750x1500mm
Weight	500kg

Computer intelligent constant pressure self-flow filling machine



The picture is for reference only.

Applicable liquid: It can be filled with liquid products with good fluidity. (Bottled or barreled)

Performance characteristics:

1. This machine is a fully automatic intelligent linear filling machine, using Siemens microcomputer and PLC programming control, photoelectric sensor, electric pneumatic control. Full-color touch screen machine interface, the entire filling process can be automatically filled through the touch screen on the

- to complete the setting of the filling volume and the number of filling heads, and the process basically one-button operation.
- 2. The whole machine is made of food-grade stainless steel, which meets food hygiene standards.
 - 3. The self-flow filling principle is adopted to prevent liquid from overflowing. The drip-proof filling head ensures the cleanliness of the filling process.
 - 4. Linear conveying, convenient adjustment, suitable for filling most bottle types (especially shaped bottles).

Unique advantages of this machine:

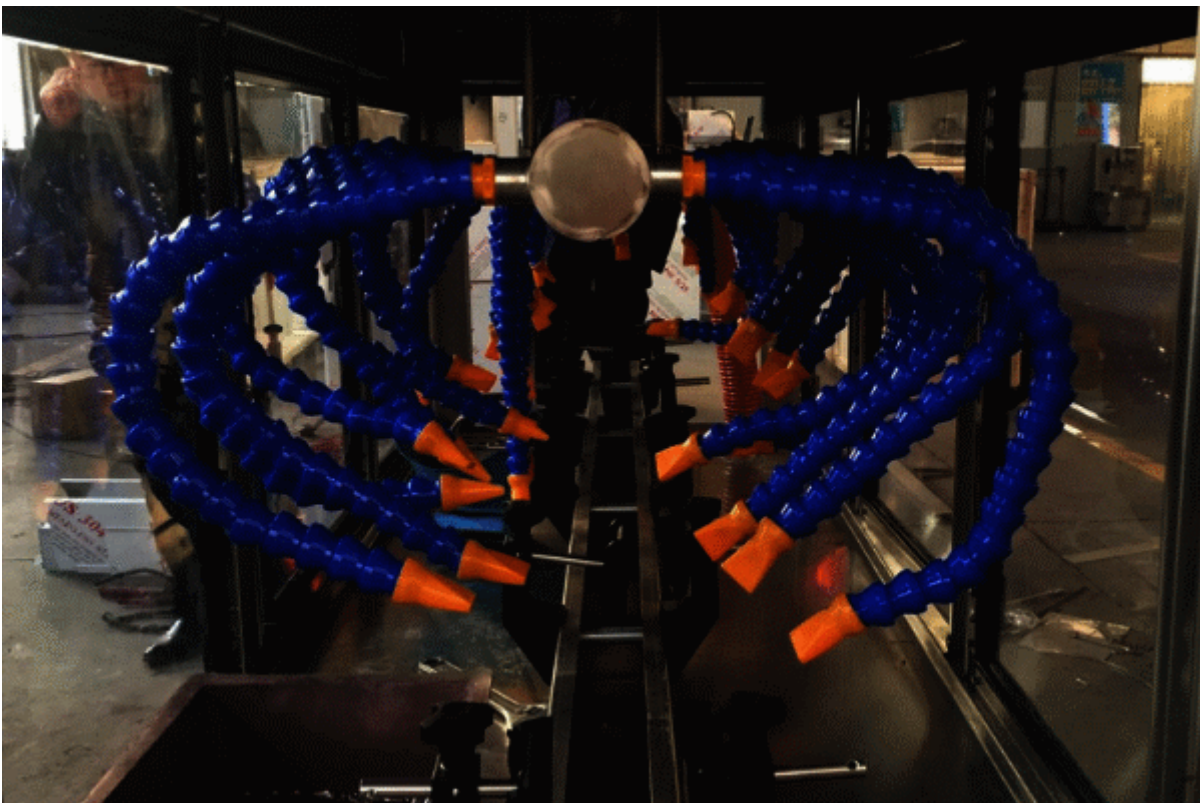
- 1. Advanced intelligent operating system
With PLC software support, the volume adjustment only needs to set the target volume on the touch screen and the equipment can automatically increase or decrease to reach the target volume. Color touch screen can complete all operations, monitoring, operation instructions and other functions in the touch screen.
- 2. Stable filling and rehydration function
Adopting the principle of functional separation, no fluid replenishment during the filling process, regardless of the filling process, thus overcoming the instability of floating-type filling while replenishing fluid.
- 3. Automatic bottle capping function for small bottles
This machine is equipped with a bayonet device to ensure that the mouth of the bottle and the filling head are consistent when filling small volumes (glass bottles, etc.).
- 4. Wide application range, easy to adjust
It is suitable for the filling of most bottle types (especially special-shaped bottles). It overcomes the trouble of replacing the dial when changing the bottle type of the rotary filling machine. For irregular bottle types that cannot be filled by the rotary filling machine, this machine has Greater advantage.
- 5. The filling process is closed and pollution-free
The whole machine is fully enclosed filling, which meets the national sanitary requirements and achieves full sanitation and pollution-free

Technical Parameters:

No.	Model number	ZDHY-4	ZDHY-8	ZDHY-12	ZDHY-16	ZDHY-20	ZDHY-24
1	Number of filling heads	4	8	12	16	20	24
2	Filling capacity	100-1000ml Adjustable					
3	Production capacity (B/H)	400-800	1000-1500	1800-2400	2600-2800	3000-3200	3400-3600
4	Filling accuracy	≤0.2%					
5	Power supply	50HZ/60HZ 3N-380V 10					
6	Power consumption	0.75KW					

7	Equipped with air source pressure	0.5-0.8MPa
8	Work pressure	0.6-0.7MPa
Note: The productivity is based on 500ml bottles and the inlet pressure is 0.15-0.2 MPa		

Spider hand-type energy-saving blow dryer



It replaces the traditional brush type dewatering device, does not need heating, and uses strong wind (no knife) to dry the bottle water. The bottle body is pollution-free, no need to replace the brush, no need

replace the electric heating tube, save the cost of use, and improve the performance. Advanced and reliable.

Model	Production capacity (bottles/hour)	Whole machine power (KW)	Applicable bottle type (mm)	Dimensions (mm)
LYFD	1000-3000	5.5	H=100-380mm	2440×850×1700

Single-head aluminum cap screwing machine



Automatic capping machine

Main purpose

This machine is mainly used for screw cap sealing of screw bottle mouths. It can be used for screwing caps and direct pressure plastic caps by replacing different caps (such as magnetic capping head, cap head). It is widely used in the packaging and production industries of beverages, beverages, medicine chemicals, etc.

Main features

1. The structure of the whole machine is compact and reasonable, and it adopts four-pillar guidance, stable and durable.
2. The capping head adopts a magnetic structure, with uniform force, adjustable torque, and good sealing effect.

3. Equipped with an automatic positioning device for the bottle mouth, the bottle cap is well guided, no cap damage, and overcomes many disadvantages of positioning at the bottom of the bottle.
4. There is a clutch protection device at the dial wheel, which will automatically stop when a bottle jam and the buzzer will sound a "beep beep" to ensure safe production. The front end is equipped with a bottle separator, so there is no bottle jam phenomenon.
5. The whole machine can be equipped with automatic lid sorting and automatic lid hanging, saving labor.

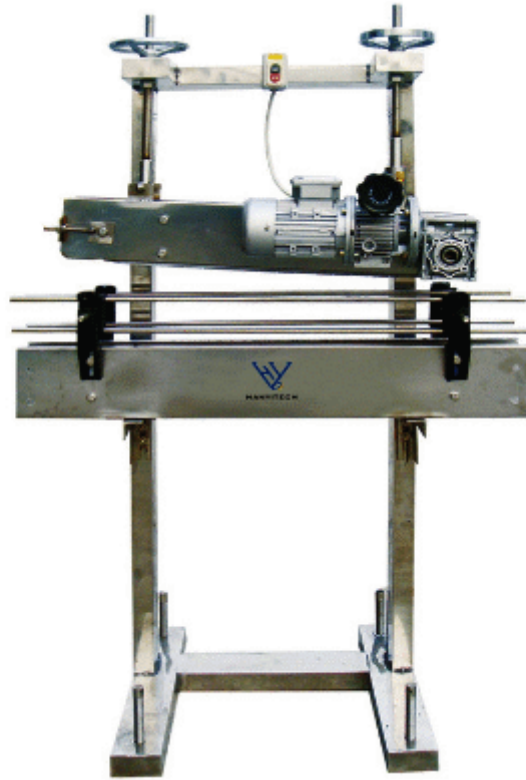
Main technical parameters

1. Maximum output: 2200 bottles/hour
2. Applicable bottle height: 100-300 mm (can be customized beyond this range)
3. Applicable bottle diameter: 50-100mm (beyond this range can be customized)
4. Applicable bottle cap: 30-70 mm
5. Motor power: 0.75 kilowatts
6. Speed regulation method: frequency conversion speed regulation
7. Sealing motor: 0.18 kilowatts
8. Ligation motor: 0.18 kilowatts
8. The overall size of the host: 1000X1100X2200 mm (with cover management)

Electrical components

The electrical components adopt the brand: Delixi, and the inverter adopts Sanjing.

Linear Plastic Anti-Cover Capping Machine



Product description:

Plastic anti-cover capping machine is a kind of equipment that is placed under the conveyor belt and synchronous operation with the conveyor belt. It gradually tilts downward and realizes the capping function through the capping chain plate. It is used for various plastic anti-counterfeiting caps The gland.

1. The machine uses stainless steel chain plates as a conveyor belt, which is reliable in work;
2. Using the principle of synchronous chain plate type capping, all kinds of plastic anti-counterfeiting caps can be capped without any scratches;
3. The body is made of stainless steel and has a beautiful appearance.

Features:

It has the characteristics of simple structure, reliable operation, convenient adjustment, good gland operation, etc

Specifications:

Applicable bottle type	All kinds of special-shaped bottles
Bottle mouth diameter	18-38mm
Bottle height	100 360 mm(can be customized beyond the range)
Machine power	0.18 kW
Speed regulation mode	Stepless speed regulation
Production efficiency	8000-10000 bottles/hour
Dimensions	1000×600×1500 mm

Weight

60kg

Automatic inkjet printer



1. V150 economical inkjet printer

Using quick-drying ink, excellent adhesion, suitable for the surface of various materials, such as film, metal, plastic, PE, PVC, paper, wood, rubber, etc. In addition, for the requirements of different industries, we provide different inks, including standard inks, pigment inks, edible inks, gasoline-resistant inks, UV inks, etc.

2. Basic technical parameters

Printing ink: black, blue, red, yellow and other colors can be selected

Ink consumption: can print 70 million characters/liter (5×7)

Temperature range: 5-45

Humidity range: below 90%

Gross weight of the whole machine: 30KG

Dimensions: 246×338×550mm

Power requirements: AC220V 50HZ 100VA

Number of printing lines: 1~3 lines

Printing dot matrix: 6, 8, 10, 12, 16, 24 dot matrix font, any dot matrix within 24×24

Chinese fonts: 16×16 Simplified Song, Traditional Song, Simplified Black, Simplified Kai, 24×24 Simplified Song and 32 dot matrix customization

Storage information: 1000 pieces of printing information can be stored

Printing speed: 900 characters/sec (5×7)

Printing height: 1.5mm~20mm adjustable, maximum width can be 9 times

Operation interface: Chinese menu display, with own graphic editing function

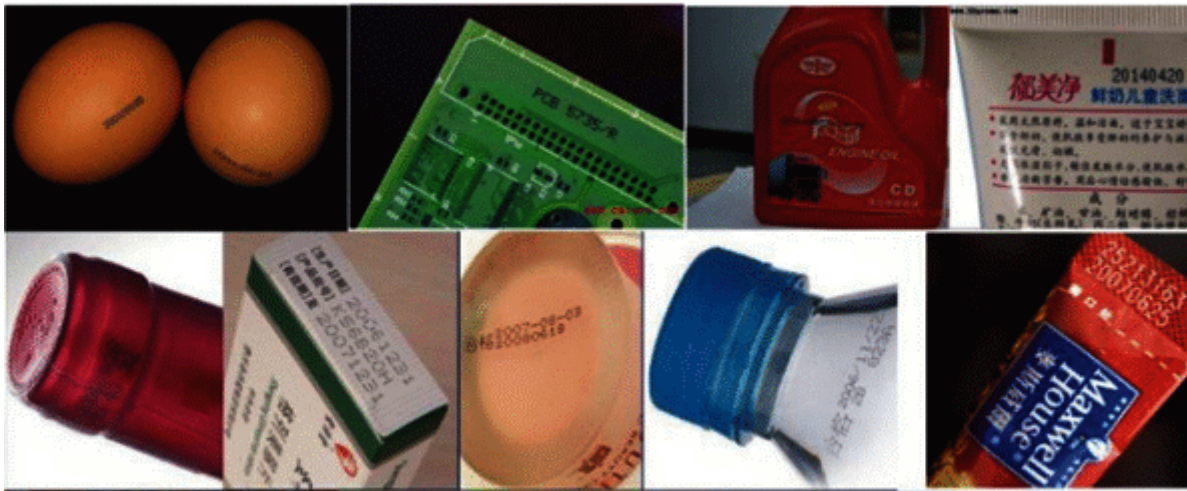
Chinese support: built-in international first and second Chinese character libraries

Chinese input: Pinyin input method, location input method, code input method

Printing content: automatic printing date, time, batch number, serial number, etc.

Printing materials: metal, plastic, glass, wood, pipelines and building materials surfaces can be printed

Printing distance: maximum 20mm from the nozzle to the surface of the object



Automatic round bottle labeling machine



Main performance and characteristics

- Advanced and friendly man-machine interface system, using Siemens PLC and touch screen, simple intuitive operation, complete functions, and rich online help functions
- Suitable for circular labeling of round objects in the pharmaceutical, food, daily chemical and other industries
- The machine structure is simple, compact, easy to operate and maintain
- Universal bottle separation device, no need to change parts for any diameter bottle shape, quick adjustment
- Using well-known brand motor drive, stable and reliable delivery speed
- More configuration options Sync hot coding machine, complete coding and labeling simultaneously

Bottle unscrambler turntable

Transparent label sensor

Technical Parameters:

Labeling speed	40-150 pieces/min (related to material and label size)
Labeling accuracy	±1.0mm (excluding material and label size)
Label size	(L) 20-200mm (H) 10-80mm
Material size	outer diameter φ20-φ70mm high 20-120mm
Applicable label roll inner diameter	φ76mm
Applicable label roll outer diameter: maximum	Φ350mm
Machine size	2000X800X1450(mm)
Power consumption	AC220V 50Hz/60Hz 1500W

Tape sealing machine



Description

It is suitable for packaging and carton sealing of various industries such as food, wine, medicine, daily necessities, light industry, chemical industry, etc. This carton sealing machine can be used for sealing operations alone, or it can be matched with filling and bundling. The use of assembly line is the equipment necessary for packaging standard assembly line operations.

Sealing capacity	18 boxes/min
Tape width	36, 48, 60 (mm)
Minimum box size	150x90(mm)
Maximum box size	500x750(mm)
Power box	220V50HZ
Workbench height	500-750mm
Dimensions	1650x740x1470mm
Weight	120KG