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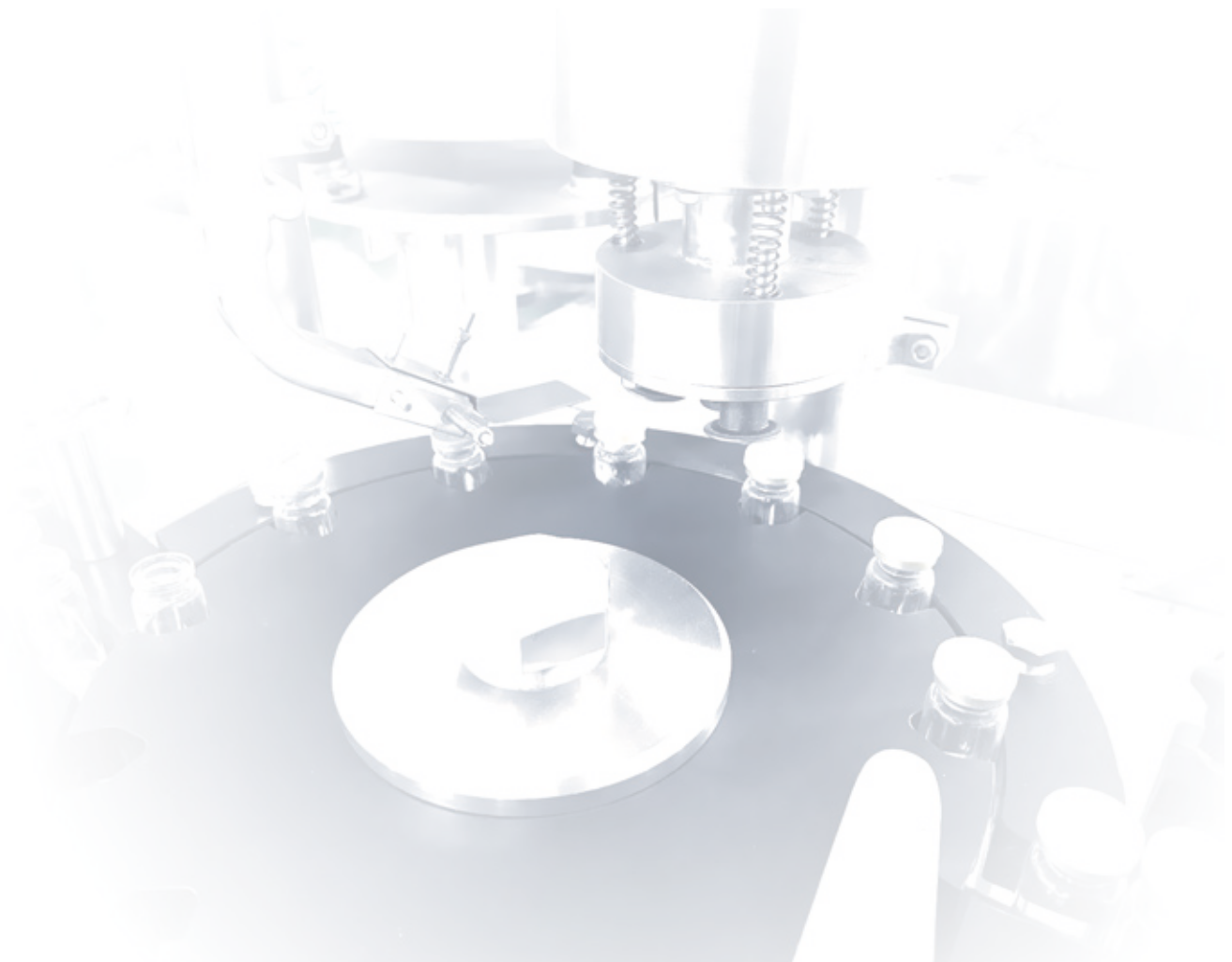
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HIGEE MACHINERY



FILLING PRODUCTION LINE

Provide One Stop Customized Whole Set of Automatic Filling Capping Labeling and Packing Solutions in Pharmaceutical, Chemical, Cosmetics and Food Industries.



www.higeefillingmachine.com

ABOUT HIGEE

HIGEE MACHINERY was founded in 2005, specializes in providing one stop filling capping labeling and packing machine in pharmaceutical, cosmetics, chemical, food and beverage industries.

HIGEE MACHINERY keeps researching and developing every type of machine for liquid, powder, granule, paste, fluid and half-fluid material's filling capping sealing plugging and packing in vial, ampoule, glass bottle, plastic bottle, tube or bags etc., such as liquid / powder injection vial filling machine, ampoule filling machine, infusion liquid filling machine, syrup filling machine, oral liquid filling machine, syringe filling machine, eye drop filling machine, nasal spray filling machine, tablet / pill counting and filling machine, vaccine test tube filling machine, ointment tube filling machine, essential oil filling machine, other cosmetics product and chemical product filling machine. We provide the complete line including bottle washing machine, bottle unscrambler or feeder, filling, capping, plugging, foil sealing, labeling, cartoning and final packaging machine.

We have advanced facilities and technology to produce the series of machines. Most of our R & D engineers are with more than 2 decades working experience who are good at customized solution to meet customer's specific need. Our sales team is also with quite professional background to provide dedicated service.

Up to now, our machines have been exported to over 100 countries and got many high praise from our customers. We are proud of our quality machine and attentive aftersales service. QUALITY IS OUR CULTURE. Serve well and grow together with our customer is our goal. We'll keep developing and satisfying customer and meeting the market's demand.

WELCOME TO CONTACT HIGEE MACHINERY.



SERVICE

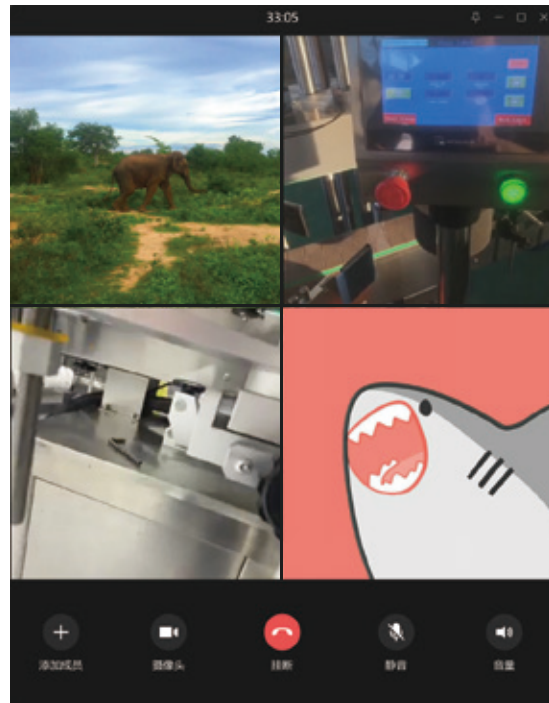
PRE-SALES

Our professional sales and engineer team will give customized solution as per customer's specific requirement.



AFTER-SALES

We give prompt feedback to client's question in installation / operation and provide quick solutions.



LONG LIFE SERVICE

HIGEE is responsible for all HIGEE brand machines by our attentive service any time.





Company Vision

Become the leading enterprise in liquid filling and packing industry.



Goal & Mission

Provide customized one stop filling solution to maximize client's benefit.



Company Value

Being trusty and responsible for employees and customers.



Innovation Concept

Intelligent and customized, efficient and steady.



Marketing Concept

Growing and get win-win cooperation with customers by good machine and dedicated service.



Quality Policy

Control each process and produce quality machine to make customer get profit from market.



Certificates



One Stop Filling Production Line



02 Bottle Filling Series



Filling Packing Line



01 Bottle Feeding and Washing S

03 Capping Sealing Series



05 Final Packing Series



04 Labeling Series

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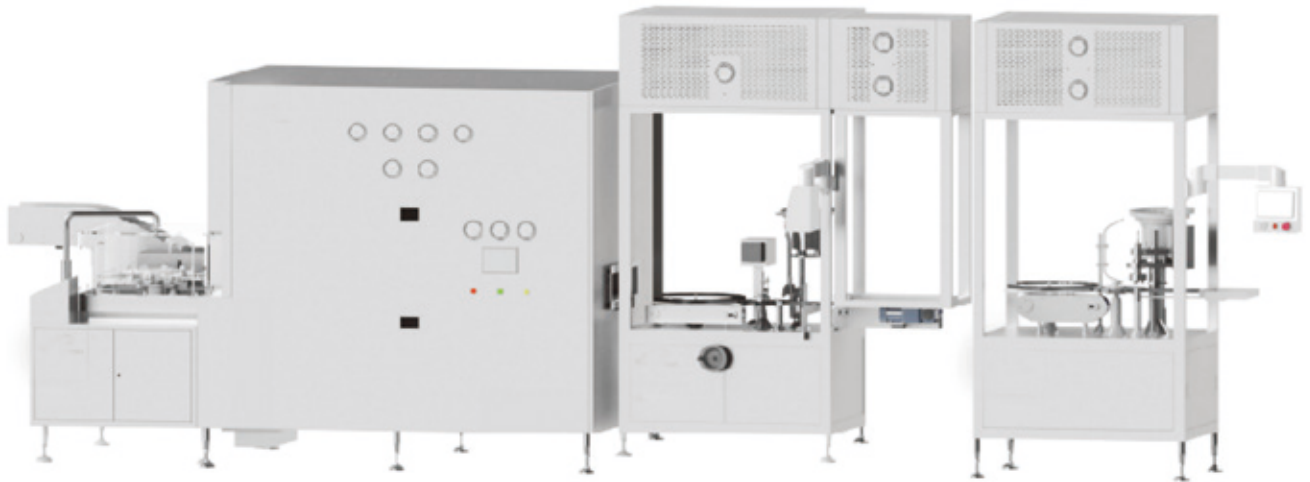
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I FILLING CAPPING/SEALING PRODUCTION LINE

1. PHARMACEUTICAL FILLING LINE



Low-Capacity Automatic Vial Liquid Injection / Lyophilization Production Line

INTRODUCTION

This linkage line is composed of ultrasonic bottle washing machine, hot air circulation tunnel oven, liquid filling stopper and automatic capping machine. It is suitable for the filling and production of 2-500ml vials of water injection and freeze-dried preparations.

The main production process includes ultrasonic rough washing, the inner and outer walls of the bottle are washed with circulating water, water for injection and compressed air in turn, preheating and dehumidification, high temperature sterilization to remove heat sources, cooling, peristaltic pump or ceramic pump filling, plugging, capping, etc.



MAIN PARAMETERS

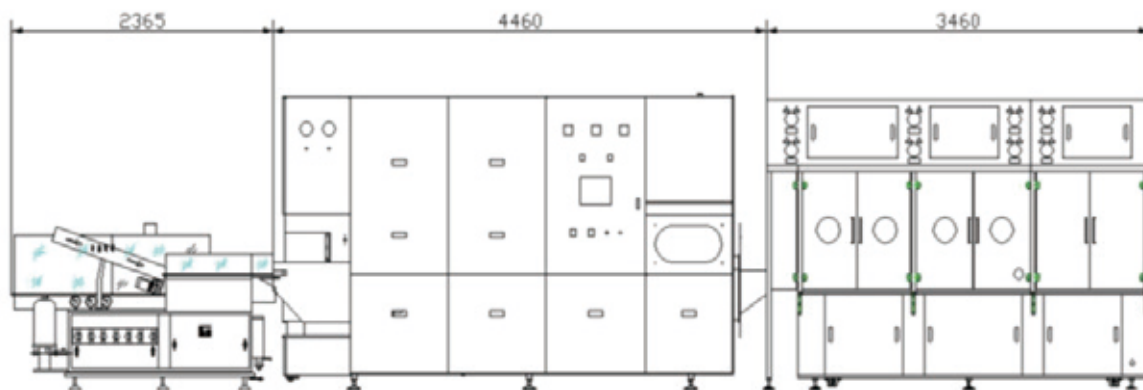
Applicable Specifications	2-500ml glass bottle
Production capacity	1000-6000 pcs/hr
Qualified rate of cleaning clarity	≥ 99.5%
Bottle breakage rate	≤ 0.1%
Water for injection consumption	0.3-0.4m³/h 0.2-0.3MPa
Compressed air consumption	20-30m³/h 0.5-0.6MPa
Sterilization temperature	300-330°C
Filling station	1-2pcs
Filling accuracy	±0.5% - ±2%
Stopper pass rate	≥ 99.9%
Capping pass rate	≥ 99.5%
Power supply	380V 50Hz, 30-40KW
Dimensions	Design layout according to production capacity
Weight	2000-3000kg



High-Speed Automatic Vial Washing-Drying-Filling Production Line

INTRODUCTION

The High-speed vial production line consists of vertical vial washing machine, water-cooled tunnel oven and vertical filling machine, which can realize functions of coarse washing, fine washing, sterilizing, filling with nitrogen for protection, servo filling, stopper and sealing. Each machine can be used alone.



Low-Capacity Automatic Ampoule Liquid Injection Washing-Drying-Filling Production Line

INTRODUCTION

This linkage line is composed of ultrasonic bottle washing machine, hot air circulation tunnel oven, and ampoule bottle filling and sealing machine. It is suitable for low-speed filling and production of 1-20ml ampoule bottle water injection.

The main production process includes ultrasonic rough washing, the inner and outer walls of the bottle are washed with circulating water, water for injection and compressed air in sequence, preheating and dehumidification, high temperature sterilization to remove heat source, cooling, pre-nitrogen, ceramic pump filling, post-nitrogen filling, Preheat brushed seal, etc.



MAIN PARAMETERS

Applicable Specifications	1-20ml ampoules
Production capacity	1800-3000 pcs/hr
Qualified rate of cleaning clarity	≥99.5%
Bottle breakage rate	≤0.5%
Water for injection consumption	0.3-0.4m³/h 0.2-0.3MPa
Compressed air consumption	20-30m³/h 0.5-0.6MPa
Sterilization temperature	300-330°C
Filling station	1pcs
Filling error	±0.5% - ±2%
Sealing pass rate	≥99.5%
Gas consumption	1-2 m³/h 0.1MPa
Oxygen consumption	0.7-1m³/h 0.1MPa
Power supply	380V 50Hz 30-40kw
Dimensions	Design layout according to production capacity
Weight	2000-2500kg

High-Speed Small-Volume Ampoule Injection Production Line

INTRODUCTION

The small-volume injection production line consists of a vertical ultrasonic bottle washer, a tunnel-type hot air circulation sterilization oven, and a horizontal filling and sealing machine. It can also be used alone. Suitable for the production of ampoules of 1-20ml. It can complete spray water injection, ultrasonic rough cleaning, water washing of the outer wall of the bottle, continuous secondary circulating water washing of the inner wall of the bottle, one air blowing, one fresh water flushing, continuous second air blowing, air blowing of the outer wall of the bottle, preheating, drying and extinguishing. Twenty procedures such as bacteria removing heat source, cooling, pre-filling, filling, post-filling, preheating and sealing. This linkage line is a new production line developed by our company after years of hard work, on the basis of digesting and absorbing international advanced technology and integrating our own patented technology.



MAIN PARAMETERS

Applicable specifications	1-2ml (International Ampoules)	1-2ml (International Ampoules)
Production capacity	5ml: 24,000 10ml: 20,000 20ml:15,000 (pcs/hr)	4800
Clarity	> 99% (standard solution)	> 99%
Pass rate	≥99% (standard solution)	≥99% (standard solution)
Filling accuracy	≤±2.5	≤±2.5
Fresh water consumption and pressure	Consumption: 0.4-1.0cbm/h Pressure: 0.2mpa	Consumption: 0.4-1.0cbm/h Pressure: 0.2mpa
Purified compressed air supply	Consumption: 30-75cbm/h Pressure: 0.15mpa	Consumption: 30-75cbm/h Pressure: 0.15mpa
Sterilization temperature	300-350°C	300-350°C
Design exhaust volume	4100m³/h	4100m³/h
Gas consumption and pressure	Consumption: 1.5-2.5cbm/h Pressure: 0.08-1mpa	Consumption: 1.5-2.5cbm/h Pressure: 0.08-1mpa
Oxygen consumption and pressure	Consumption: 0.7-1.5cbm/h Pressure: 0.08-1mpa	Consumption: 0.7-1.5cbm/h Pressure: 0.08-1mpa
Weight	7500 kg	7500 kg
Power supply	380V50hz,71kw	380V50hz,71kw

Disposable Syringe Production Line



INTRODUCTION

The disposable syringe filling line is suitable for automatic filling and sealing of plastic or glass disposable syringes. The filling speed and filling volume, the time of plugging and vacuuming can be adjusted, and it is suitable for filling and plugging of liquids, oils and gels of various viscosities.

The production operation of this machine is simple and reliable. The touch screen can save multi-specification production programs. After changing the specifications, you can directly call the corresponding program screen.

This machine occupies a small area and is easy to move, which is very suitable for laboratory or small batch production.

MAIN PARAMETERS

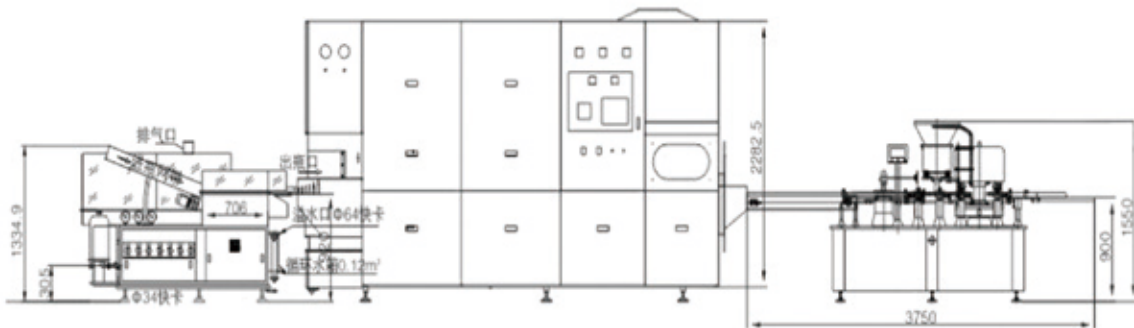
Applicable specifications	Syringe 1 ~ 10ml
Production capacity	1200 ~ 1600 pcs/hr
Filling accuracy	±1%-1.5%
Filling volume	1 ~ 10ml
The material in contact with liquid and stoppers	SUS 316L
Non-contact machine frame	SUS 304
Compressed air	0.6mpa, 10m ³ /h
Vacuum pumping rate	100m ³ /hour, close to absolute vacuum
Dimensions	1300x1300x1800 (mm)
Weight	650 kg
Power supply	8 (10) kw, 380v, 50HZ



High-Speed Automatic Linear Oral Liquid Filling Line

INTRODUCTION

Oral liquid production line consists of washing machine, tunnel oven and oral liquid filling, stopper and capping machine, which can realize functions of coarse washing, fine washing, sterilizing, filling, stopper and capping. Each machine can be used alone.



High-Speed Automatic Monoblock Oral Liquid / Suspension Liquid / Syrup Filling Line



WHOLE LINE PROCESS

Automatic bottle feeding - Liquid Filling - Automatic cap feeding - Cap Sealing - Automatic bottle-out - Light inspection - Labeling - Cartoning - Collecting platform



INTRODUCTION

High-speed syrup/suspension liquid/oral liquid production line is suitable for non-aseptic production of syrup series products. The whole line has a high automation degree and less labor requirements. It is suitable for factories in the pharmaceutical, health care, beverage and other industries with large production needs.

MAIN PARAMETERS

Suitable product	Syrup liquid, oral liquid, suspension liquid, syrup drink, etc.
Bottle	Glass bottle
Cap	Aluminum/ROPP cap
Filling volume	20-150ml (can be customized)
Production capacity	Minimum 100BPM
Power supply	380V 50Hz 3 phases
Dimensions	2360*1830*2350mm (L*W*H) (varies according to model)
Weight	3500kg (varies according to model)

Low-Capacity Oral Liquid / Suspension Liquid / Syrup Filling Line



WHOLE LINE PROCESS

Automatic bottle feeding - Liquid Filling - Automatic cap feeding - Cap Sealing - Automatic bottle-out - Labeling - Cartoning - Collecting platform

INTRODUCTION

The low-speed syrup/suspension liquid/oral liquid production line is suitable for the requirements of non-aseptic production of glass bottle syrup products. The whole line can be designed into linear type, L-shaped or U-shaped according to the customer's workshop layout and requirements. The whole line has a high degree of automation and requires less labor, which is suitable for factories in the pharmaceutical, health care, beverage and other industries with small output requirements.

MAIN PARAMETERS

Suitable product	Syrup liquid, oral liquid, suspension liquid, syrup drink, etc.
Bottle	Glass bottle or plastic bottle
Cap	Aluminum/ROPP cap, screw cap (capping part will be different)
Filling range	20-200ml (can be customized)
Production capacity	1000-2500BPH (can be customized)
Air supply	0.6-0.8MPa
Power	220V 50Hz single phases
Dimensions	2000*1700*1800mm (L*W*H) (varies according to model)
Weight	800kg (varies according to model)

Transfusion/Infusion Liquid Bottle Filling Line

INTRODUCTION



This automatic infusion bottle filling line includes automatic washing – filling – plugging and capping – labeling. This production line is designed for glass bottle liquid filling, with soft stopper and metal cap, which is especially suitable for transfusion/infusion bottle filling of infusion liquid, physiological saline, etc.

WHOLE LINE PROCESS

Automatic bottle feeding - Bottle washing - Liquid Filling - Automatic stopper feeding - Stopper sealing - Automatic cap feeding - Cap Sealing - Automatic bottle-out - Labeling - Cartoning - Collecting platform



MAIN PARAMETERS

Suitable product	Solutions, infusion fluids, saline, etc.
Bottle	Glass bottle
Cap	Soft inner plug, metal outer cap
Production speed	1200 ~ 2400 pcs/hr
Air source	0.6-0.8MPa
Power supply	220V/50Hz
Total power	2.5kw
Total weight	800kg
Dimensions	2440*950*2000mm

Liquid Or Gel Alcohol Filling Line

High Concentration Alcohol Explosion-Proof Filling Line

INTRODUCTION

This automatic Liquid filling line is a high-tech filling equipment with programmable control of microcomputer (PLC), photoelectric sensor, and pneumatic execution. This is specially used for the filling of explosive liquid, such as liquor, alcohol, disinfectant liquids. It is with no limit for bottle shape and type. Can be customized for different cap type.



WHOLE LINE PROCESS

Automatic bottle feeding - Liquid Filling - Automatic cap feeding - Cap Sealing - Automatic bottle-out - Labeling - Collecting platform

MAIN PARAMETERS

Suitable product	Alcohol (up to 99%)
Bottle	Plastic bottle
Cap	Plastic cap (screw type cap, spray cap, pump cap, etc.)
Production speed	450-650 pcs/hr, based on 100ml
Air source	0.4-0.6MPa
Power supply	220V/50Hz
Total power	1.8kw
Total weight	450kg(filling machine)+350kg(capping machine)
Dimensions	Filling machine: 2000*1150*2100mm Capping machine: 2000*1300*1800mm

Eye-Drop Filling Line



INTRODUCTION

This filling line integrates the functions of automatic bottle feeding, positioning, filling, bottle detection, automatic plug supply and plugging, automatic cap supply and capping. It can be used for bottle with inner plug such as eye drop, liquid glue, etc.

Aseptic filling lines can be made according to customer requirements or product characteristics.

MAIN PARAMETERS

Suitable product	Eye drop
Bottle	Plastic bottle
Cap	Plastic cap (with inner cap/stopper/plug & outer cap)
Production speed	1500-2400 pcs/hr
Air source	0.6-0.8MPa
Power supply	220V/50Hz
Total power	1.5kw
Total weight	600kg
Dimensions	2000*1500*1800mm

WHOLE LINE PROCESS

Automatic bottle feeding - Liquid Filling - Automatic Inner cap feeding - Automatic inner cap sealing - Automatic outer cap feeding - Outer cap sealing - Automatic bottle-out - Labeling - Collecting platform

Nasal Spray / Rhinitis Spray Filling Line

INTRODUCTION

This filling line integrates the functions of automatic bottle feeding, positioning, filling, bottle detection, automatic plug supply and plugging, automatic cap supply and capping. It can be used for bottle with inner plug such as eye drop, liquid glue, etc. Aseptic filling lines can be made according to customer requirements or product characteristics.

WHOLE LINE PROCESS

Automatic bottle feeding - Liquid Filling - Automatic cap feeding - Cap sealing - Automatic bottle-out - Labeling - Collecting platform

Non-Aerosol Spray Bottle Filling Line



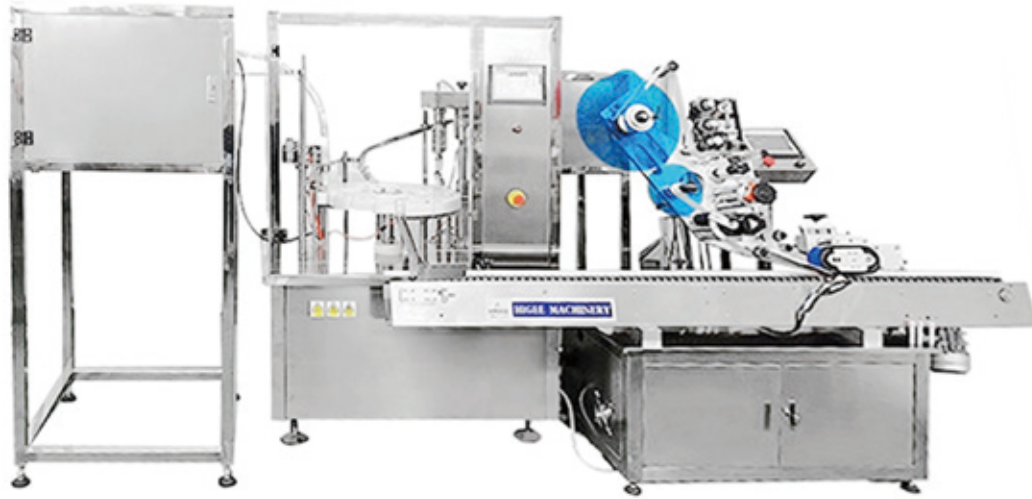
Suitable product	Nasal Spray
Bottle	Plastic bottle
Cap	Plastic cap
Production speed	3000-5000 pcs/hr
Air source	0.6-0.8MPa
Power supply	220V/50Hz
Total power	3kw
Total weight	800kg
Dimensions	3000*2000*1800mm



Aerosol Spray Can Filling Line

Item / Type	Semi-automatic	Automatic
Production capacity	4000-8000 cans/shift (8 hours)	1000-3600 pcs/hr
Max liquid volume(ml)	20-750ml(can be choose)	20-450ml (single head)
Max Gas volume(ml)	20-500ml(can be choose)	20-450ml (single head)
Sealing accuracy	≤±1%	±0.5%
Working Pressure	0.65-1.0Mpa	0.6-1MPa
Applicable aerosol can diameter	35-65 (mm)	35-65mm
Applicable aerosol can height	80-350(mm)	70-330mm

Test tube / Blood Collection Tube Filling Line



INTRODUCTION

This filling line is specially designed for tubular packaging, and is mainly suitable for filling liquid, gel and other materials for various blood collection tubes, testing tubes and other pharmaceutical products.

This machine can realize the whole process of automatic tube filling, capping and labeling, which saves labor, and the machine occupies a small area and saves space.

WHOLE LINE PROCESS :

Automatic tube feeding - Liquid filling - Automatic cap feeding - Cap sealing - Automatic tube-out - Labeling - Output

MAIN PARAMETERS

Suitable product	Test tube, blood collection tube
Bottle	Plastic tube
Cap	Plastic cap
Production speed	500-1500 pcs/hr
Air source	0.6-0.8MPa
Power supply	220V/50Hz
Total power	2kw
Total weight	400kg
Dimensions	2000*1500*1800mm



Gynecological Gel Filling Line



INTRODUCTION

This machine is specially designed for gynecological gel (injector) products, including automatic tube feeding, gel filling, automatic cap feeding and auto capping stations.

The machine is intelligently controlled by PLC system and touch screen, with functions such as no tube no filling, no capping, and no tube delay shutdown. The filling volume is directly input on the touch screen, and the filling volume is automatically calibrated. Switching between different specifications, it is extremely convenient to adjust the loading capacity, and there is no requirement for the level of the operator. Avoid the trouble of traditional debugging and testing.

The laminar flow hood can be added as needed, and the output capacity and filling volume can be also customized according to customer requirements. The whole machine has a compact structure and is easy to operate.

WHOLE LINE PROCESS :

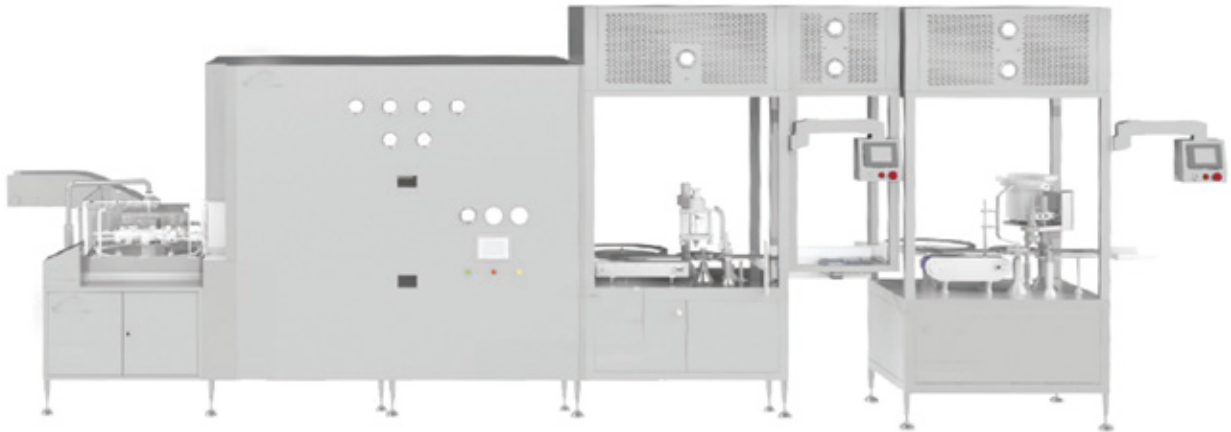
Automatic tube feeding - Gel filling - Automatic cap feeding - Cap sealing - Automatic tube-out

MAIN PARAMETERS

Suitable product	gynecological gel injector or similar product
Production speed	20-40 / 50-70 / 80-100 / 100-150 pcs/hr
Filling quantity	3-5g (can be customized)
Air source	0.6-0.8MPa
Power supply	220V/50Hz
Total power	3-5kw
Total weight	500-1000kg
Dimensions	2000*1500*1800mm (Varies according to production speed)



Low-Capacity Automatic Vial Powder Injection Production Line



INTRODUCTION

This linkage line is composed of ultrasonic bottle washing machine, hot air circulation tunnel oven, powder packing and plugging machine and automatic capping machine. It is suitable for the split-packing production of sterile powder preparations such as antibiotics in vials of 2-30ml.

The main production process includes ultrasonic rough washing, the inner and outer walls of the bottle are washed with circulating water, water for injection and compressed air in turn, preheating and dehumidification, high temperature sterilization to remove heat source, cooling, screw packaging, plugging, capping, etc.

MAIN PARAMETERS

Applicable Specifications	2-30ml vial
Production capacity	2400-6000 pcs/hr
Qualified rate of cleaning clarity	≥99.5%
Water for injection consumption	0.3-0.4m ³ /h 0.2-0.3MPa
Compressed air consumption	20-30m ³ /h 0.5-0.6MPa
Sterilization temperature	300-330°C
Packing station	1-2pcs
Loading range	0.1-15g
Filling error	≤±2%@1g
Stopper pass rate	≥99.9%
Capping pass rate	≥99.5%
Power supply	380V 50Hz, 30-40KW
Dimensions	Design layout according to production capacity
Weight	2000-3000kg



Bottle / Jar / Other Container Powder Filling Capping Line



INTRODUCTION

Powder packaging and capping machine is a model that integrates high-precision powder packaging, capping and capping. It consists of a high-precision screw metering system, an automatic cap supply mechanism, a capping guide correction mechanism and a capping mechanism. It can be combined with bottle unscrambler, bottle washing machine and labeling machine to form a complete filling line. It is widely used in pharmaceutical, food, chemical and other industries, such as powders, condiments, new materials, etc.

WHOLE LINE PROCESS

Automatic bottle feeding - Liquid Filling - Automatic cap feeding - Cap sealing - Automatic bottle-out - Labeling - Collecting platform

MAIN FEATURES

- 1, Touch screen PLC intelligent control, with functions such as no bottle no filling, no bottle no capping and no bottle stop.
- 2, Intelligent control of filling volume: the touch screen directly inputs the filling volume, and the filling volume is automatically calibrated. It is extremely convenient to switch between different specifications and adjust the loading volume, and there is no requirement for the level of the operator. Avoid the trouble of traditional test while adjusting.
- 3, Equipped with a capping correction mechanism, which reduces the tendency of crooked capping in conventional methods and improves the accuracy and efficiency of capping.
- 4, Robot screw cap, imitating human hand to grasp the cap, avoid slipping, the effect is far better than the traditional capping. The touch screen sets the screw cap torque, and the torque adjustment is smarter and faster. And it has the function of alarming the unqualified tightness of the screw cap to reduce the mixing of defective products.
- 5, Overload protection and alarm prompt, more safe and reliable.



Suitable product	Powder
Bottle	Bottles, jars of any shape
Cap	Screw type cap (can be customized for other type cap)
Production speed	500-2000 pcs/hr
Air source	0.6-0.8MPa
Power supply	220V/50Hz
Total power	2.5kw
Total weight	600kg
Dimensions	2000*1500*1800mm

Tablets / Pills Pressing and Filling Production Line



INTRODUCTION

The automatic electronic counting filling line is special for counting tablets, soft gelatin, capsules and chewing gum, etc. The package container could be bottles, jars or pouches.

The main machine: electronic counting filling machine adopts 8-32 sets of imported counting sensors for counting with 8-32 guide ways. The advantage of the machine is that there is no need to change the mold when you change the counting object, in adjusting only the height of the counting table by the Easy Adjust wheel.

WHOLE LINE PROCESS

Automatic bottle feeding - Counting and Filling - Desiccant inserting - Automatic cap feeding - Cap sealing - Aluminum foil sealing - Labeling - Collecting platform

MAIN FEATURES

1. Through the photoelectric counting box, the material falls into the medicine hopper and into the medicine bottle in order.
2. By looking at the vials, the photoelectric eye can judge whether there are vials in the power port (no vial, not working).
3. The material enters the hopper in an orderly manner by the vibration of the corrugated plate.
4. The machine comes with a touch screen and control for convenient operation.
5. Can be equipped with tablet pressing machine.

MAIN PARAMETERS

Suitable product	Granules like tablet, pill, capsule, chewing gum, candy, etc.
Bottle	Bottles, jars, or other container. Pouches(can be customized)
Cap	Screw type cap with sealing foil
Counting range	2-9999pcs/bottle (Adjustable)
Production speed	1500-6000 pcs/hr
Air source	0.6MPa
Power supply	220V/50Hz
Total power	0.9kw
Total weight	350kg
Dimensions	1360*1530*1700mm



Tablets / Pills / Capsules Sachet Filling and Sealing Machine

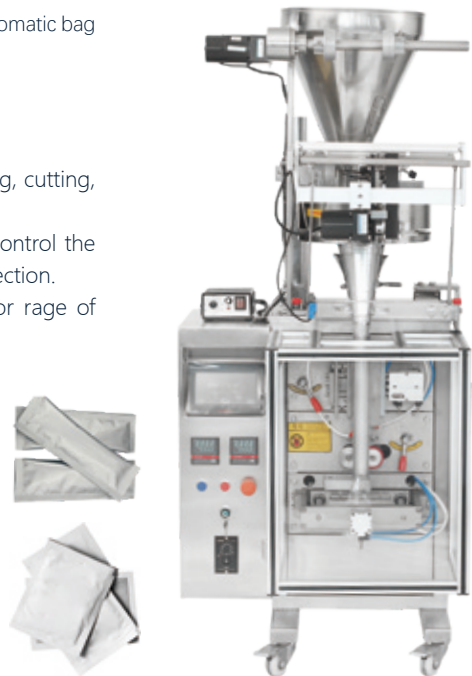
INTRODUCTION

The packing machine is suitable for packing granules, machine is with functions of automatic bag forming from film roll, color mark detection, filling, sealing and date printing, etc.

MAIN FEATURES

1. Automatically finish the procedures of bag making, measuring, filling, sealing, cutting, counting and printing series number.
2. Advanced computer control and stepping driving motor are adopted to control the bag length with stable performance, convenient adjustment and accurate detection.
3. Intelligent temperature controller and PID adjustment make sure the error range of temperature within 1°C.

Suitable product	Granules like tablet, pill, capsule, chewing gum, candy, etc.
Bag	Back seal bag, 3 side seal bag, 4 side seal bag.
Bag Size	(L): 30-180mm;(W):30-140mm
Production speed	1500-3500 pcs/hr
Power supply	220V/50Hz
Total power	1.9kw
Total weight	400kg
Dimensions	900*700*1700mm



Tablets / Pills / Capsules Blister Packing Machine



INTRODUCTION

This machine is suitable for packaging plain tablets, sugar-coated tablets and capsules in the pharmaceutical, food and health care products industries, as well as for packaging honey, chocolate sauce, seasonings and other fluid objects. The machine integrates ten functions such as coil uncoiling, aluminum-plastic (aluminum-aluminum) feeding, blister forming, filling, waste recycling, heat sealing, batch number printing, mesh indentation, plate punching, and finished product count display. The packaged items are well sealed, safe and hygienic.

Suitable product	Pills, tablets, capsules, etc.
Blister type	Aluminum plastic, aluminum-aluminum
Maximum molding area	160×100mm
Maximum molding depth	20mm (can be customized)
Punching frequency	15-30 times/min
Power supply	220V/50Hz
Total power	1.5kw
Total weight	780kg
Dimensions	3050*590*1550mm

Sachet / Bag / Pouch Powder Filling and Sealing Machine



INTRODUCTION

The packing machine is suitable for packing powders, machine is with functions of automatic bag forming from film roll, color mark detection, filling, sealing and date printing, etc.

MAIN FEATURES

1. The machine is suitable for the food, medicine, chemical industry, cosmetics industry of powder of measurement packing.
2. All the works of bag making, measuring, filling, sealing, cutting and counting can be done automatically, at the same time, it can also according to the demand of customers printing batch number and other functions.
3. The touch screen operation, PLC control, drive stepper motor to control the bag length, stable performance, easy to adjust and accurate detection. Choose the intelligent temperature controller and PID control to ensure the error range of temperature controlled within 1 degree Centigrade.
4. Packing material: BOPP/Polyethylene, Aluminium/Polyethylene, Paper/Polyethylene, Polyester/Aluminizer/Polyethylene, Nylon/CPP and so on.

MAIN PARAMETERS

Suitable product	Suitable proPowder
Bag	Back seal bag, 3 side seal bag, 4 side seal bag.
Bag Size	(L): 30-170mm; (W):30-130mm
Production speed	1500-3500 pcs/hr
Power supply	220V/50Hz
Total power	1.4kw
Total weight	260kg
Dimensions	900*1100*1900mmduct

Soft Tube Filling and Sealing Machine



INTRODUCTION

This machine applies the transmission principle. It uses the slot wheel dividing system to drive the turntable to do intermittent movement. It can automatically put the tube inside the tube seat, fill the material into the tubes, heat inside of the tubes, seal the tubes, press the codes, and cut the tails and exit the finished tubes. Filling measurement is accurate. Heating time is stable and adjustable. Sealed tail looks pretty and neat and the trimming is very even. This machine has stable performance and work without any noise and pollution.



MAIN FEATURES

- 1.The part which is contact with the filling material is made of high-quality stainless steels. The parts which need to clean are made of quick-change device that is removable and convenient for washing.
- 2.If some materials need heating insulation, the heating thermostat device can be added outside of the feeding barrel.
- 3.It can fill and seal the plastic tubes and plastic-aluminum laminated tubes. It is widely used in the cosmetic, medicine, adhesive and shoe polish, food industries.

MAIN PARAMETERS

Suitable product	Paste, gel, cream, etc.
Tube type	Aluminum tubes, aluminum-plastic composite tube, plastic tubes.
Tube diameter	Φ10-40 mm Φ40-50 mm
Tube length	50-200mm
Production speed	1500-2500 pcs/hr
Power supply	220V/50Hz
Total power	1.5kw
Total weight	420kg
Dimensions	1300*1100*1900mm

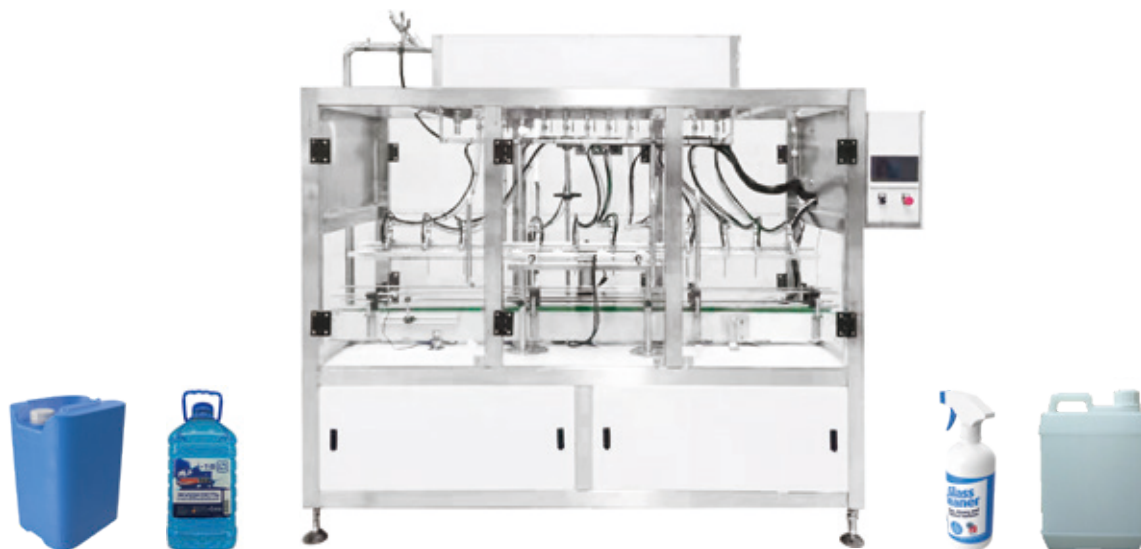


I

FILLING CAPPING/SEALING PRODUCTION LINE

2. Daily Chemicals / Cosmetics
/ Chemicals Filling Line

Liquid soap, Detergent and Other Foamed liquid Filling Line



WHOLE LINE PROCESS:

Bottle feeding - Liquid Filling - Automatic cap feeding - Cap Sealing - Aluminum foil sealing - Labeling - Film Wrapping -Output

MAIN FEATURES

1, Fully automatic and intelligent linear liquid filling machine, drawing on the good performance of domestic and foreign filling equipment, compact structure, simple and convenient operation, complete functions, low energy consumption, low investment, high degree of automation, etc.; this model is in-line type The filling machine is a high-tech filling equipment that is programmable by a microcomputer (PLC), photoelectric sensor, and pneumatic execution; the filling volume and the number of bottles can be set through the touch screen on the equipment After automatic filling, the main operations of the equipment can be automatically completed through the touch screen.

2, The filling nozzle will be lowered to the bottom of the bottle for filling, and the filling nozzle will gradually rise during filling, ensuring no foam and no air at the bottom of the bottle. It is suitable for filling liquids with very high viscosity and liquids that are easy to foam.

MAIN PARAMETERS

Suitable product	Detergent, liquid soap, other foamed liquid
Bottle	No bottle shape and type limit
Cap	screw type cap with or without sealing gasket
Production speed	400-500 pcs/hr (can be customized)
Air source	0.6-0.8MPa
Power supply	220V/50Hz
Total power	2.5kw
Total weight	400kg (filling machine)

Shampoo, Conditioner, Hand Sanitizer, Laundry Gel Products Filling Line



INTRODUCTION

This filling machine line is widely used for liquid filling in pharmaceutical, daily chemical, chemical, food and other industries. It is filled with stainless steel dosing pump, suitable for bottles of different materials and different specifications, and has wide versatility. According to the actual production capacity of the user, there are different speeds to choose from, and it can be easily produced in line with the bottle arranging machine and the capping machine. The machine is simple and reasonable in structure, easy to operate, and dust cover can be purchased.

WHOLE LINE PROCESS:

Bottle feeding - Gel Filling - Cap feeding - Cap Sealing - Labeling - Output

MAIN PARAMETERS

Suitable product	Shampoo, Conditioner, Hand Sanitizer, Sanitizer Gel, Laundry Detergent
Bottle	No bottle shape and type limit
Cap	screw type, pump cap, can be customized
Production speed	1200-2400 pcs/hr (can be customized)
Air source	0.6-0.8MPa
Power supply	220V/50Hz
Total power	1.5kw
Total weight	400kg (filling machine)
Dimensions	2000*800*1500mm

Nail Polish Filling Line



INTRODUCTION

The nail polish filling machine is specially designed for nail polish and similar products. It is suitable for the whole line of nail polish production. The whole machine is controlled by PLC and operated by touch screen, with advantages of compact structure, small footprint, saving labor and space, convenient operation and few replacement parts.

WHOLE LINE PROCESS:

Bottle feeding - Air washing - Adding steel balls - Liquid or paste filling - Adding brushes - Capping - Labeling - Output

MAIN PARAMETERS

Suitable product	Nail polish, liquid glue
Bottle	10ml bottle (can be customized)
Cap	Nail polish cap, with connected brush or separated brush
Production speed	1500-2500 pcs/hr (can be customized)
Air source	0.6-0.8MPa
Power supply	220V/50Hz
Total power	2.5kw
Total weight	600kg
Dimensions	2200*2000*1800mm

Essential Oil / CBD Oil Filling Plugging Capping Line



INTRODUCTION

The essential oil filling line is filled with piston pump or peristaltic pump, and the number of filling heads can be customized according to the output. The whole machine can realize the functions of automatic bottle supply, filling, stoppering, capping, labeling, and collection of essential oils. According to the customer's workshop layout, the whole line can be designed as straight or L-shaped. PLC and touch screen control, easy to operate.

WHOLE LINE PROCESS:

Bottle feeding - Liquid filling - Auto inner plug feeding - Plugging - Cap feeding - Cap sealing - Labeling - Output

MAIN PARAMETERS

Suitable product	Essential oils, glycerin, massage oil, CBD oil, etc.
Bottle	Round bottle
Cap	Inner plug, screw cap, drop cap (can be customized)
Production speed	1500-3600 pcs/hr (can be customized)
Air source	0.6-0.8MPa
Power supply	220V/50Hz
Total power	1.8kw
Total weight	600kg
Dimensions	2500*1300*1800mm

Cream Jar Filling Line



INTRODUCTION

This cream filling and capping integrated machine is suitable for automatic filling of face cream, eye cream, body lotion and other products in the skin care industry. This machine can realize the functions of automatic filling, adding inner cap, adding outer cap and cap sealing.

Filling volume can be set and calibrated on the touch screen and can be used with an automatic bottle feeder.

WHOLE LINE PROCESS:

Bottle feeding - Cream filling - Auto inner cap feeding - Inner cap pressing - Outer cap feeding - Cap sealing - Output

MAIN PARAMETERS

Suitable product	Creams, pastes
Bottle	Jar, bottle
Cap	Inner cap, screw outer cap (can be customized)
Hopper size	20-50L (customized)
Production speed	1500-2500 pcs/hr (can be customized)
Air source	0.6-0.8MPa
Power supply	220V/50Hz
Total power	2kw
Total weight	600kg
Dimensions	2400*1500*1800mm

Lotion / Spray / Hydrosol Filling Line



WHOLE LINE PROCESS

Bottle feeding - Liquid filling - Cap feeding - Cap sealing - Labeling - Output

FEATURES

1. With touch screen & PLC control, with functions such as no bottle no filling, no bottle no capping and no bottle automatic shutdown. Variable frequency speed regulation, continuously adjustable operating speed.
2. Intelligent control of filling volume: the touch screen directly inputs the filling volume, and the filling volume is automatically calibrated. It is very convenient to switch between different specifications and adjust the loading volume, and there is no requirement for the level of the operator. Avoid the trouble of traditional test while adjusting.
3. The manipulator takes the plug and cooperates with the plug shift mechanism to avoid the interference between the plugs, and at the same time, the plugging stability is higher.

MAIN PARAMETERS

Suitable product	Essential oils, glycerin, massage oil, CBD oil, etc.
Bottle	Round bottle
Cap	Inner plug, screw cap, drop cap (can be customized)
Production speed	1500-3600 pcs/hr (can be customized)
Air source	0.6-0.8MPa
Power supply	220V/50Hz
Total power	1.8kw
Total weight	600kg
Dimension	2500*1300*1800mm

Engine Oil / Car Oil Filling Line



MAIN PARAMETERS

Suitable product	Engine oil, antifreeze liquid, etc.
Bottle	Jerrycan, bottle
Cap	screw cap, with or without sealing gasket
Production speed	200-1000 pcs/hr (can be customized)
Filling way	Flowmeter/Weighing/self-flowing type
Air source	0.6-0.8MPa
Power supply	220V/50Hz
Total power	1.5kw
Total weight	400kg
Dimensions	2000*800*1500mm

Semi-Auto Weighing Filling Machine



MAIN PARAMETERS

Bottle	Big volume bottle / Jerrycan, drum
Filling volume	200L/drum (can be customized)
Production speed	50-150 pcs/hr (can be customized)
Filling way	Weighing Filling
Air source	0.6-0.8MPa
Power supply	220V/50Hz
Total power	1 kw
Total weight	100kg
Dimensions	3000*800*1800mm

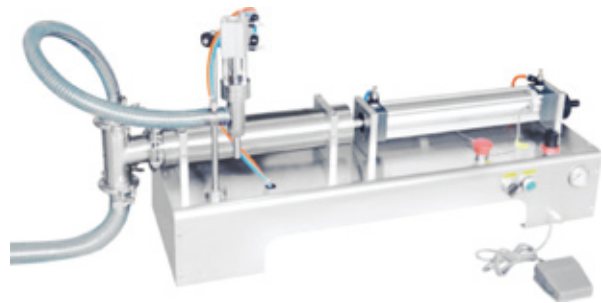


Semi-Auto Grease Squeeze Filling Machine

It is suitable for grease filling that has no fluidity, the filling is squeeze filling, the filling machine is equipped with a hydraulic press machine. Semi-automatic equipment has no restrictions on packaging materials, whether it is bags, bottles, tubes, jars, etc. are suitable for this machine.

Semi-Auto Liquid Filling Machine

The semi-automatic piston filling machine can be made into 2 heads or a single head according to customer requirements. It is suitable for most liquids with relatively good fluidity, and there is no requirement for the bottle style. Filling volume 100-1000ml.



Semi-Auto Paste Filling Machine

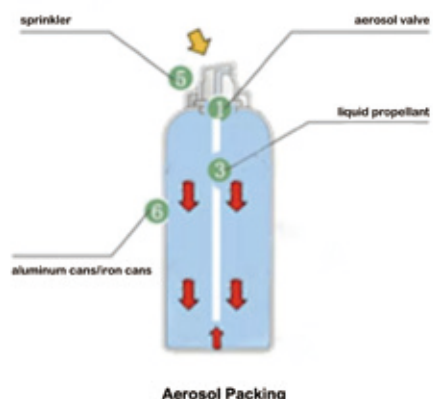
Material contact part adopts 304 stainless steel materials, and there is the regulating handle, filling and filling speed can be adjusted, filling with high precision. Suitable for high viscosity, paste, thick sauce, can be different filling liquid products, like jams, sauces, peanut butter, ketchup, sauces, hot pepper sauce, gravy, applesauce, salad dressing, caviar, etc.

Semi-Auto Microcomputer Filling Machine

This series of filling machines use microcomputer to control the filling time, motor speed and other factors of the micro water pump to achieve uniform liquid filling with minimal repetition error. It is widely used in pharmaceutical, chemical, food, grease, cosmetics, etc. It is suitable for liquid sub-packaging and small batch production with low viscosity and no particles.

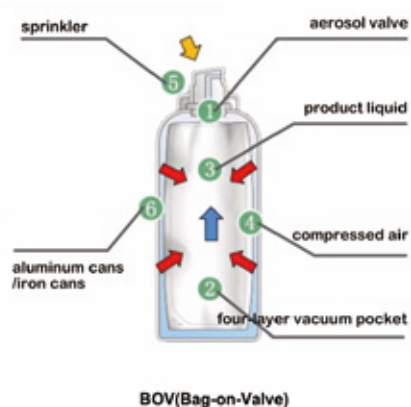


Aerosol Filling Machine and BOV Filling Machine



Semi-Auto Aerosol Filling Machine

We recommend HIGEE four-in-one semi-automatic aerosol filling machine, one machine can realize automatic filling liquid, filling gas, sealing valve, saving manpower and space, suitable for the needs of small aerosol filling lines for most products.



Semi-Auto BOV (Bag on Valve) Filling Machine

Bag on valve aerosol filling machine designed two unit in one working table. 1 set BOV crimping and gas filler, 1 set liquid fillers. The liquid filling head can be design to both male & female valve depending on customer's need. The set of equipment has been widely used in such fields as pharmacy, health-care, fire fighting and daily chemical. The specific application includes shaving foam, body sunscreen spray, food oil, nasal seawater spray, fire extinguisher, etc.



Automatic Aerosol Filling Line

A standard automatic aerosol filling line includes can arrange table, Liquid filling machine, valve sorting and inserting machine, valve sealing & Propellant filling machine and other packing systems. Cleaning machines, sterilizers, flow hood, online inspections, inkjet printers, etc. can be assembled according to output and product requirements.



II

LABELING AND SECONDARY PACKING EQUIPMENT

Sticker Labeling Machines



HAY Series Round Bottle Labeling Machine

HAY Series labeling machine is used for round container one label labeling, according to different production requirements, it is divided into economical models and high-speed models. This machine can be used alone or connected to the production line. The bottle feeder and collection platform can be installed before and after the machine to facilitate operation. The labeling is controlled by servo motor, which has a long service life.

HDY Series Fixed Position Labeling Machine

HDY Series labeling machine is used for round container one or two labels labeling. It can be customized for special shaped container such as vase-shaped bottle, tapered bottle, etc. It has economical models and high-speed models. It is especially suitable for full wrapped around labeling needs and high accuracy labeling requirements. The labeling is controlled by servo motor, which has a long service life.



HAS Series Flat / Square Bottle Labeling Machine

HAS Series labeling machine is used for flat or square container one or two sides labeling, it can be customized for three or four sides labeling, neck labeling and top&side labeling. By adding roller device, it can be used for round containers at the same time. It has economical models and high-speed models. The labeling is controlled by servo motor, which has a long service life.



HAP Series Top Side Labeling Machine

HAP Series labeling machine is suitable for all products with top labeling needs such as boxes, bags, cards, discs, cartons, jars, etc. It can be customized for top&bottom labeling for product like cotton swab box, spaghetti, correction fluid, cookie box, etc. It has economical models and high-speed models, also can be sold without conveyor belt. The labeling is controlled by servo motor, has a long service life.



HAW Series Horizontal Labeling Machine

HAW Series labeling machine is used for small round containers such as vials, ampoules, pens, syringes, hard tubes, etc. It has economical models and high-speed models. It can be used alone, more customers choose to connect it with the production line to achieve high-speed fully automatic production needs, which is widely used in pharmaceutical industry. The labeling is controlled by servo motor, has a long service life.

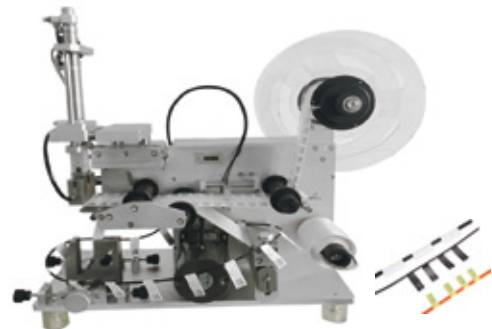


Tabletop Labeling Machine & Semi-Auto Labeling Machine

In addition to automatic sticker labeling machines, our company also provides various desktop and semi-automatic labeling machines. Suitable for different labeling needs of ordinary bottles, sticks, wires, special products, etc. Different machines can be customized according to different budgets and production speed requirements, date printing machine can be added as needed. That is Ideal for labeling needs of individual workshops, small factories and small quantity products.



Table top labeler



Wire labeler



Semi-auto flat surface labeler



Semi-auto round bottle labeler

Shrink Sleeve Labeling Machine



INTRODUCTION

A set of shrink sleeve labeling machine consists of label cutting and inserting machine, shrink tunnel and steam generator (if using steam shrink). The shrinkage method can choose steam shrinkage, electric heat shrinkage, hot air gun shrinkage, etc. Label materials are generally PVC, PET, OPS, etc.

According to different production capacity requirements, we have different models from 150 bottles per minute to 600 bottles per minute for you to choose from.

According to different labeling needs, we can design labeling positions such as neck labeling, bottle body labeling, bottle opening labeling, and full-covering labeling for you.

Due to the high speed and low material cost, this machine is widely used in the production of water, beverages and daily chemical product industries.



Cold Glue Labeling Machine



INTRODUCTION

The cold glue labeling machine is mainly divided into two types: vertical and horizontal.

Vertical cold glue labeling machine is mainly suitable for glass bottles, and can also be used for plastic bottles. It is widely used in the production of sauces, condiments and other products.

The horizontal cold glue labeling machine is mainly suitable for the production of canned food. It has the characteristics of high speed and high degree of automation. According to customer needs, it can be connected with can cleaning machine, depalletizer, palletizer, canned food filling machine and other equipment to form a complete canned food automatic production line.

Unlike other labeling machines, the labels used by cold glue labeling machines are paper labels by sheet.



Hot Melt Glue Labeling Machine



INTRODUCTION

The cold glue labeling machine is mainly divided into two types: vertical and horizontal.

Vertical cold glue labeling machine is mainly suitable for glass bottles, and can also be used for plastic bottles. It is widely used in the production of sauces, condiments and other products.

The horizontal cold glue labeling machine is mainly suitable for the production of canned food. It has the characteristics of high speed and high degree of automation. According to customer needs, it can be connected with can cleaning machine, depalletizer, palletizer, canned food filling machine and other equipment to form a complete canned food automatic production line.

Unlike other labeling machines, the labels used by cold glue labeling machines are paper labels by sheet.

FEATURES

1. Easy adjustment of cutting blade
2. The vacuum suction wheel is made of high hardness material, and the suction block is processed with special materials to prevent static electricity
3. The work of replacing compatible parts can be completed quickly and efficiently within 10 minutes
4. The position of the blade can be adjusted accurately and conveniently by using the manual operation panel
5. The vacuum suction wheel and the lower part of the label cutting part are made of special materials that are wear-resistant and heat-resistant
6. When the trademark length is changed, it can be adjusted with one click.

Carton Box Packing Machine (Cartoning Machine)

Vertical Type



Horizontal Type



INTRODUCTION

The cartoning machine belongs to the secondary packaging equipment in the filling and packaging line, and is suitable for packing different products into boxes such as bottles, vials, ampoules, bags, blisters, etc. The main packaging method is to pack the product individually, together with leaflet, measuring cups, spoons and other items, to pack multiple products into one boxes, first put into trays and then put into boxes, etc. The box sealing methods include flap insertion, glue, bottom cross and so on,

HIGEE can provide horizontal or vertical cartoning equipment with different output from a minimum of 20-30 boxes per minute according to different product requirements of customers.

The whole cartoning line can be equipped with the following equipment or functions as needed:

Leaflet folder

Product feeding/transferring from the previous equipment

Counting

Visual inspection

Material shortage detection

Box opening - packing - closing (Core functions)

Date stamping

Inkjet/Laser Printing

Labeling

Film/outer bag packing

Weighing detection



Film Packing Machine And Film Shrinking Packing Machine

Flow Pack Machine

It is suitable for the large packaging of various regular solid objects such as biscuits, bread, vermicelli, instant noodles, large packages of paper towels, sanitary napkins, industrial parts, cartons or trays, etc.

According to the requirements of different object size and packing speed, HIGEE can choose different types of products for you.



L Type Film Packing & Shrinking Machine

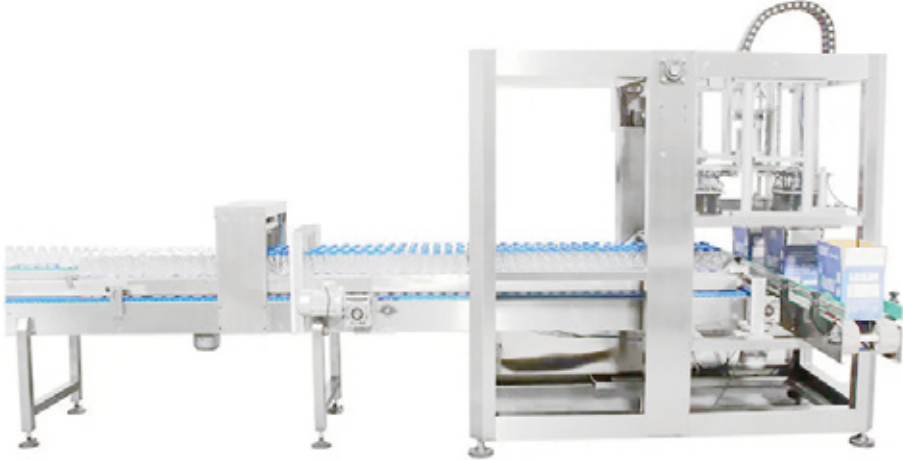
This machine adopts stainless steel heater and high-power motor to transport the wind, so that the shrinking furnace can heat up quickly, the air volume is large, and the temperature is uniform. The product is transferred into the machine and packed by film, then the machine will cut and seal the film, the product goes to shrinking tunnel. The conveying speed and temperature can be adjusted according to the size and production volume of the product. It is suitable for software, biscuits, printing, pharmaceuticals and flooring, ceramics, and other industries.



Other Final Packing Equipment



Carton Opening Erector



Carton Packer



Carton Sealer



Stretch Wrapper

Customer Case

