

KEFAI®



科辉机械

About KEFAI

It is a research and development packaging machine manufacturer with completely independent brand, the company focuses on the development and production of intelligent packaging equipment and industrial automation control system. With the leading technology level in China, we have the top R&D and production technology and excellent sales and service team, and have obtained many patents one after another.



Our products include packaging machines, filling machines, labeling machines, capping machines, and production lines. Our products are widely used in food, pharmaceutical, daily chemical and other industries. Our products have passed CE certification and ISO9001 quality system certification, covering 35 provinces in China and exported to more than 100 countries and regions worldwide.

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100 Cases

Serve food companies and sauce production line solution.

Anti-Drip System

Prevent the sauce from dripping when filling, ensure the consistency of the weight of the sauce product.

Solid Sealing

The sealing is stronger to prevent the liquid from being clamped at the sealing place.

Multiple Packge

Pouch, Bag, Jar, Box, Cup, Buckets etc.



Sauce Equipment



Products Content

Bagged sauce packing machine

High speed sachet packing machine

Multi-lane sachet packing machine

Double head high speed aseptic packing machine

01

Doypack bag packing machine

Doypack machine

Rotary spout pouch packing machine

Straight line spout pouch packing machine

02

Vertical packaging machine

Sauce stick packing machine

VFFS liquid pouch packing machine

Auto Liquid vacuum packing machine

Irregular sachet liquid packing machine

Easy-snap pouch packing machine

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HFFS Packing Machine

04

Cup sauce packing machine

Horizontal cup filling sealing machine

Turntable cup filling sealing machine

Liquid blister packing machine

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Sauce filling line

3 in1 liquid filling machine

Auto piston-type liner filling machine

Desktop filling line

Semi-automatic filling machine

Production line

06

10-50l bucket weighing filling machine

07

KF02-PC GS110J

High Speed Sachet Packing Machine (Intermittent Motion)



■ Features:

- 1) Pure electric drive.
- 2) The filling volume and filling speed can be adjusted directly through the touch screen, which is simple and convenient.
- 3) High-speed and low-noise, the speed can reach 80-150 bags per minute, high-speed motor operation, less noise.
- 4) Especially suitable for Honey filling, can solve the problem of material drawing, and it has high precision.

■ Application:

This machine is suitable for the packaging of liquid and paste materials in medicine, daily chemical and food industries. Such as shampoo, shower gel, face cream, juice, jam, sauce, honey, etc. And Avoid-liquid drawing.

■ Technical specification:

Filling Method	Servo Rotor Pump
Bag Type	3 or 4 Side Sealed
Bag Size	L20-145mm W20-110mm
Capacity	80-150bags/min
Control Style	PLC control
Material	Stainless Steel 304
Voltage	220V/50HZ
Power	2KW
Weight	250KG
Dimension	900*700*1720mm

■ Products:



KF02-PC GS100

High Speed Sachet Packing Machine (Continuous Motion)



■ Features:

1. The machine adopts three sections of roller sealing method: vertical sealing hot roller, horizontal sealing hot roller and horizontal sealing cold roller, which can ensure full sealing of packages.
2. Different metering devices and mixing devices can be selected for different fluid characteristics, and the cutting method can be chosen from one of three methods: flat knife, serrated, dotted line, or string bag method; the machine is also equipped with an easy-tear cutting device to facilitate bag opening.
3. The cutter unit is electrically adjustable and the mercury slip ring type temperature measurement ensures a stable sealing temperature at high packing speeds.

■ Technical specification:

Bag Length	45-180mm
Packaging Speed	30-150 bags/min
Bag Width	Three side seal: 30-95mm/Four side seal 35-100mm
Packaging Material	Laminated film/Roll film outer diameter $\leq \phi 400$ /Roll film inner diameter $\phi 75$
Metering Devices	Mechanical piston ,Screw /Hibar /Pneumatic Piston/Magnetic /Rotary Pumps
Optional Devices	Suction back /Corner punching device/Double cutter device, guard door etc.
Product Name	High Speed Roller Sachet Packing Machine
Power	Approx. 4.5KW/AC380V 3P+N
Weight	Approx. 450kg
Dimension	1200*1000*1800mm(L*W*H)

■Characters:

1. INOVANCEPLC system, with error prompt, formula storage, self-diagnosis function
2. Advanced design to achieve high precision, high speed and high efficiency;
3. Adopt 7 inch INOVANCE touch screen form, easy to use the whole machine operating system;
4. Bag making machine with CNC processing and forming
- 5.PID temperature independent control system
6. Taiwan AirTAC pneumatic components
7. Standard safety door switch
8. The part in contact with the material is made of 304/316SUS stainless steel

Multi-Lane Sachet Packing Machine

KF02-PC VML-8



■Advantage:

- 1.high speed, can customize lanes quantity.
- 2.,Accurate measuring, upgrade water pump, the error is less than 0.5ml
- 3.304 stainless steel complete machine, no rust, easy to clear.
- 4.Automatic filling value display.
- 5.anti dripping valve.

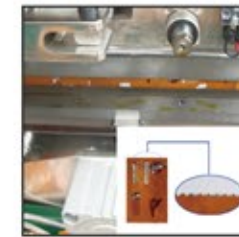
■Cut Off Method:



STRAIGHT CUT



CHAIN BAG CUT

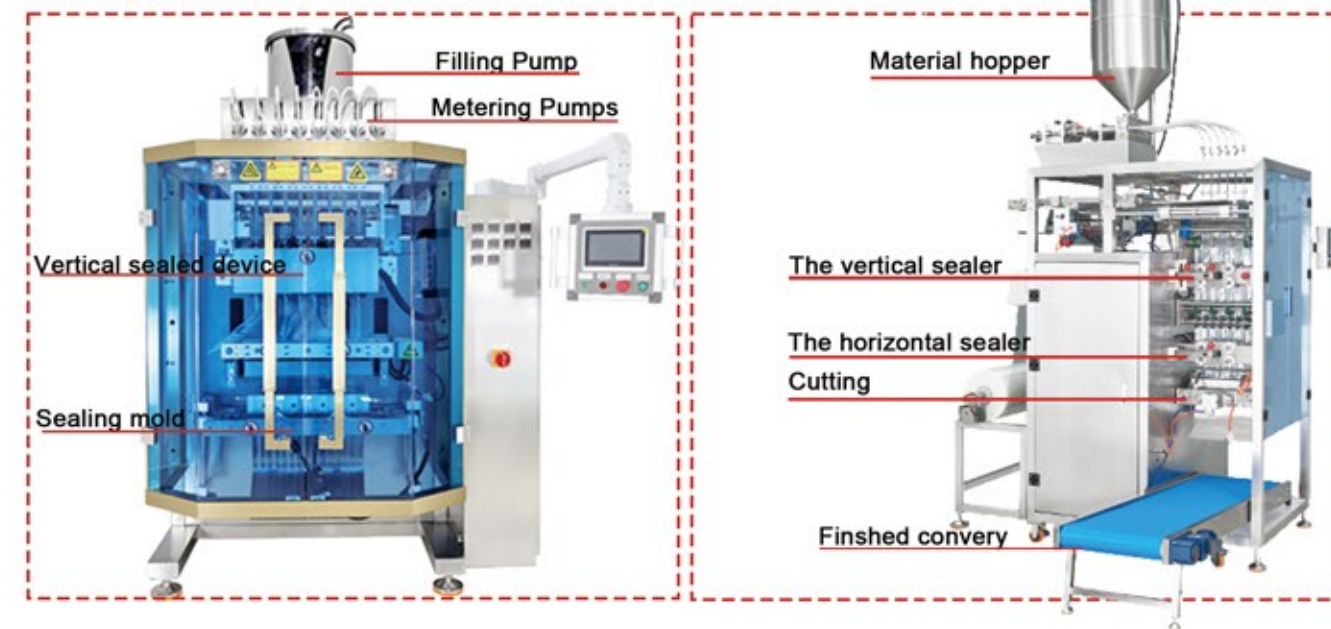


ZIGZAG CUT

■Technical specification:

Product Name	Multi-lane Liquid Packing Machine	Filling Accuracy	±0.1%
Filling Method	Servo Rotor Pump	Source Voltage	380V/50Hz 220V/50-60Hz
Bag Type	Rounded pouch/Stick bag	Packing Material	Paper/PE,PET,Tea-leaf filtering paper etc.
Range Of Measurement	3-40ml	Air Pressure	0.6-0.8MPa
Packing Speed	30-40bags/lane/min	Voltage	380V/50HZ/60HZ
Control Style	PLC control+ English touch screen panel	Bag Volume	1-50ml
Bag Size	L30-170mm W25-100mm	Capacity	30-50 bag/min

■Products:



■Application:

Mainly Packaging the liquid or paste in small sachet at high speed,such as such as shampoo, lotion, hand washing, liquid soap,liquid flavors, juice, oil, jam, honey ,soy sauce,mayonnaise etc.

■Workflow:



KF02-PC VD320

Double Head High Speed Aseptic Packaging Machine

■ Description:

This machine is a high-speed, double-headed, high-precision, back-sealed automatic packaging machine designed and manufactured for packaging of fluid, semi-fluid or paste products. The machine adopts an advanced flow meter metering method, with high metering accuracy, and can be randomly adjusted for different sizes of products from 100 to 550mL or 500 to 1100mL on the same machine; the packaging film is sterilised by multiple groups of high mercury quartz UV lamps, with better sterilisation effect than ordinary boron glass UV lamps; the machine can be used for both three-layer co-extruded film and dry laminated film or multi-layer. The machine can be equipped with three layers of co-extruded film, dry laminated film or multi-layer laminated film.



■ Sample Pictures:



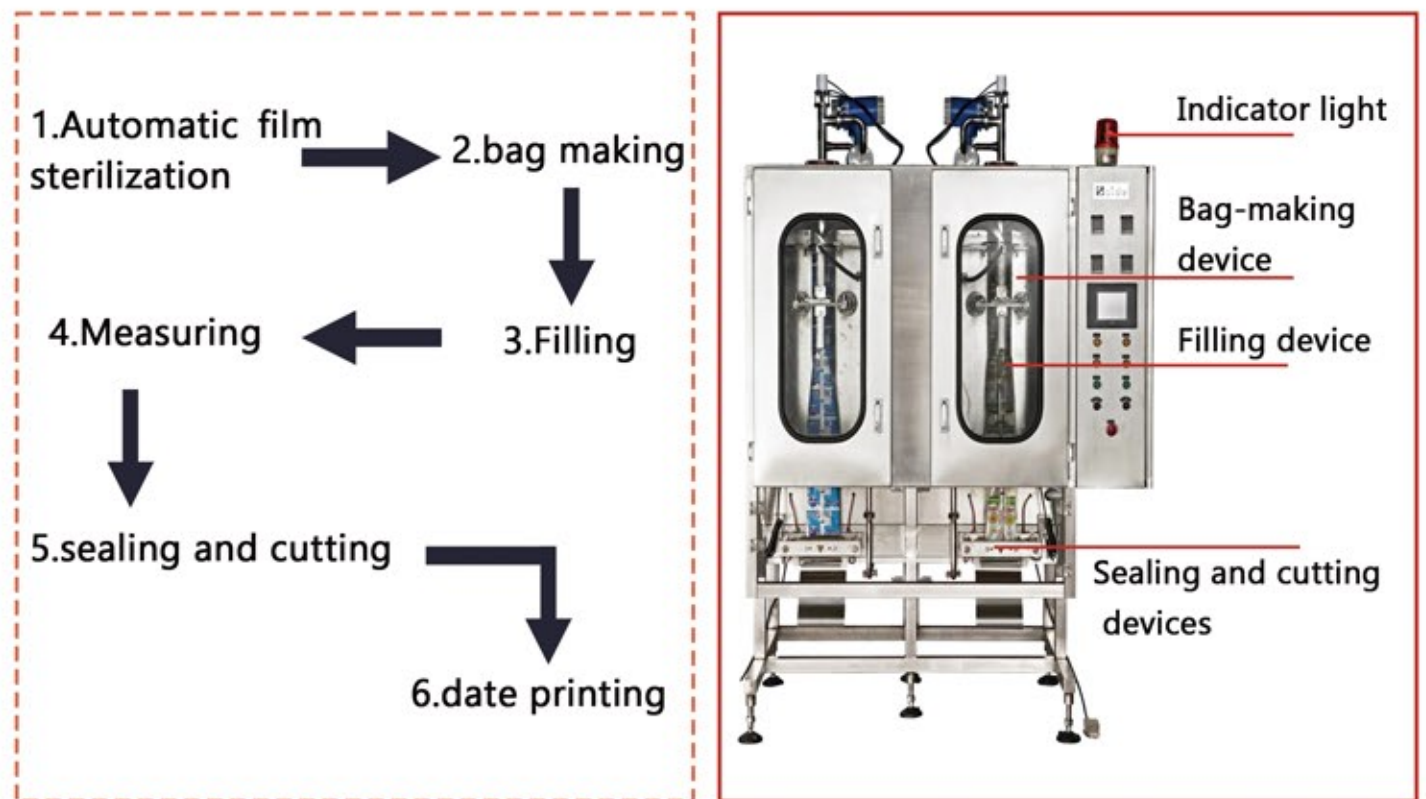
■ Technical specification:

Capacity	60~80bags/min (500~90ml) ; 40~60bags/min (1100~500ml)
Packing Volume	100~500 ml; 500~1100 ml
Width Of Film	240~320mm
Air Pressure	0.65 Mpa
Air Consumption	1 m3/min(0.8MPa)
Power Supply	AC220±10% V 50Hz
Power	4.0 Kw
Dimensions	1700×1650×2800 mm
Weight	700 kg
Accuracy	±0.5%
Aseptic requirements	Germicidal UV lamp and UV irradiation

■ Application:

Suitable for the packaging of various liquid, semi-fluid or paste products, such as various additives, beverages, chemical coatings, seasoning sauce, petrochemical oils, daily cleaning agents, etc.

■ Workflow:



Multi-station Machines



KF02-PC GDR

Single Station Machines

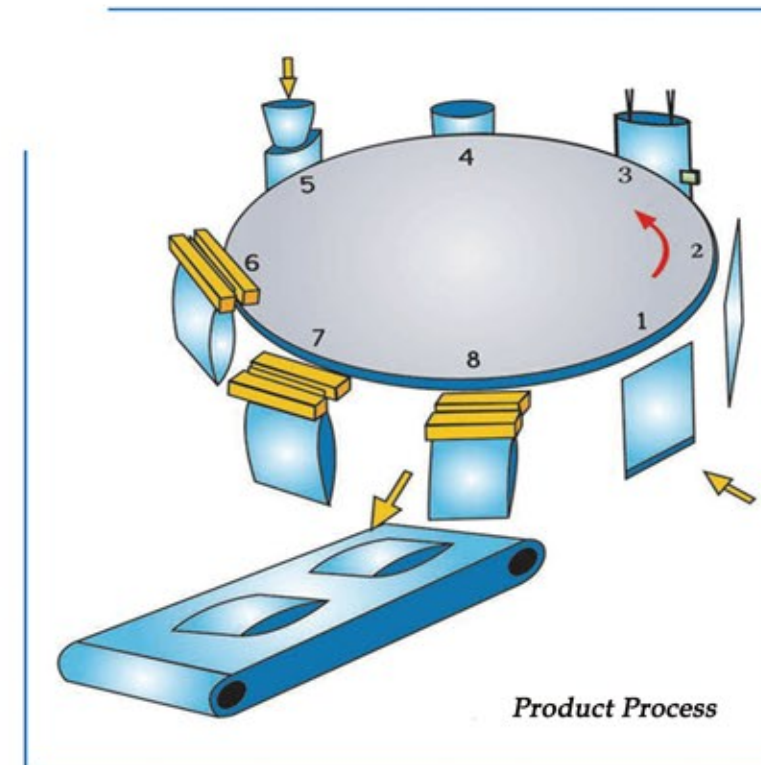


Doypack Machine

KF02-PC GDS

■Features:

1. Suitable for premade pouch type: standup, resealable, preformed, flat bottom, zipper pouch, 3 side seal pouch, zip-lock pouch, top zip pouch, heat seal pouch, Kraft willow-open paper pouch, PE/soft pouch.
2. Fully automatic high speed up bag packing machine, max packing speed can up to 3600bags/hour, and operate 24/7.
3. Apply advanced operating system, use famous brand electric and pneumatic components, more stable, long life circle and easy reprogrammable.



- | | |
|---------------------------|----------------------------------|
| 1 Giving bag | 5 Filling vibrate(option) |
| 2 Cdoing date(option) | 6 Reserve |
| 3 Open zipper | 7 exhaust/closing zipper/sealing |
| 4 Open the top and bottom | 8 Forming and output |

■Bag Type Sample:



Stand up pouch



Zipper pouch



Spouted pouch



3 sides seal



Fin/lap seal with side gusseted bag



Back seal bag



Hanging hole pouch



Irregular shaped pouch

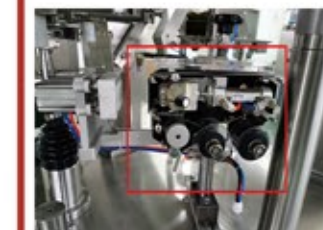
■Details:



Pouch-top Open Device



Heat Sealing Bar



Date Coder



Vertical Type Premade Pouch Magazine

■Technical Specification:

Sealing Temperature	100-190°C	Speed	6-15 bags / min(single station) 35-55bags/min(8 station)
Mechanical Building	SS304 3mm thick chassis / bearing / connecting parts	Bag Size	Bag width: 90mm ≤ W ≤ 300 mm Bag length: 100mm ≤ length ≤ 300 mm
Machine Dimension	Single station:1750* 510*1300mm 8 station: 2200*1400*1500mm	Power Supply	220V / 50HZ / 60Hz single phase / 20 A
Filling Range	50-500ml	Air Consumption	0.5m3 / min 0.65Mpa

KF02-PC ZLDR

Rotary Spout Pouch Packing Machine



■ Bag Type Sample:

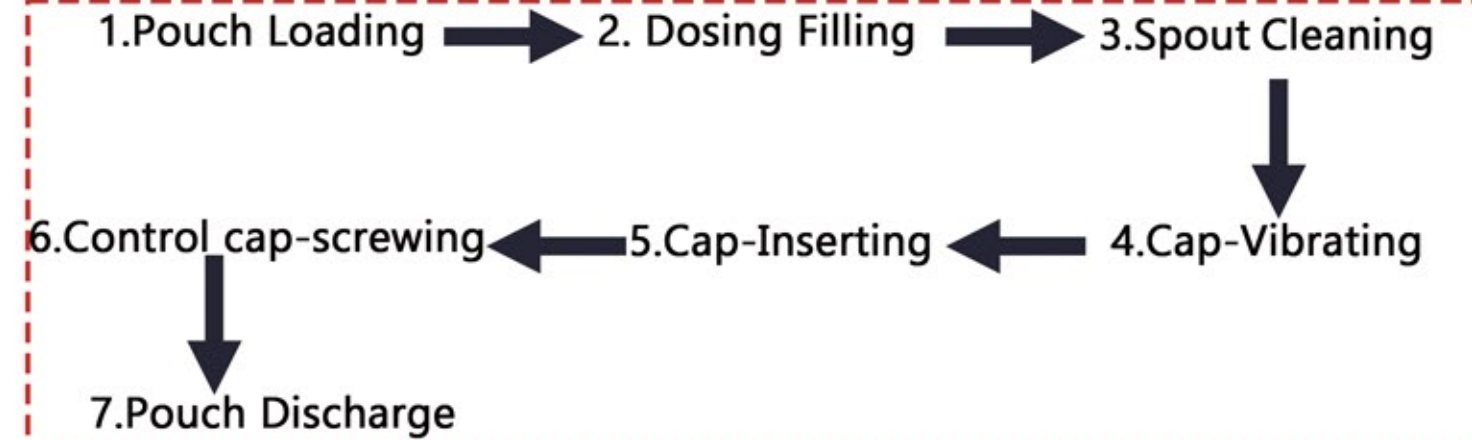


■ Application:

Widely used for a variety of products, such as jelly, milk, butter, fruit juices, paste, chemical liquid, water and so on.

■ Workflow:

It is a full Automatic production processes, and here's how it works:



■ Filling Method:



Applicable for rotary spout pouch packing machine



Applicable for rotary doypack pouch packing machine

■ Features:

1. The machine is integrated with pneumatic, mechanical drive and PLC control. The touch screen can be set with two language version.
2. Accurate dosing filling, volume tolerance is $\pm 1.5\%$.
3. The filling head will stop filling if no pouches available.
4. The capping torque is adjustable.
5. Import control elements, Schneider, Mitsubishi, Ormon, Siemens, making the system more stable and reliable.

■ Technical specification:

Production Capacity	4500~6000bags/h	Number Of Covers At	5 Bag
Power	1.5-2KW	Noise	≤ 75 dB(A)
Voltage	220V	Air Source Pressure	0.6Mpa~0.8Mpa
Frequency	50~60Hz	Maximum Air	1.0M ² /min
Dimensions	2330*2520*3760mm	Weight	About 2T

KF02-PC ZLDS



**Straight Line Spout
Pouch Packing Machine**

■Application:

This Automatic spout pouch filling and capping machine is suitable for liquid or semi-liquid, such as packing jelly, soy milk, yoghurt, juice etc. And can be used for both single layer and double layers positioning.

■Bag Type Sample:



■Features:

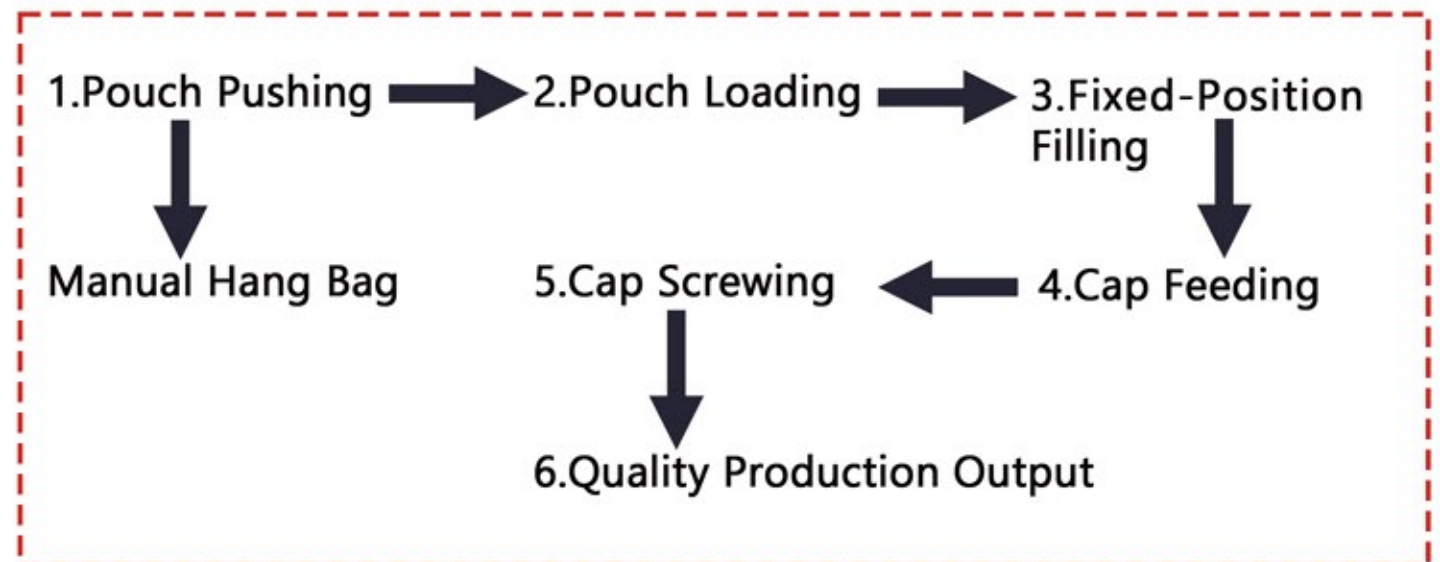
- A. Automatic pouch-loading, safe stable work saving .
- B. Anti-Drip filling nozzle, Food grade precise , No leakage, Bag detective .
- C. Independent control cylinder. Independent adjustable Precise filling Durable.
- D. Magnetic capping head, Constant magnetic strength, Intensity adjustable, Stable performance

■Technical specification:

Packing Speed	1200-1800pouches/hour	Max Air Consumption	0.45m ³ /min (external link air source)
Weight	900kg	Filling Volume	100-1000m(can be customized)
Power Using	220V,50HZ	Air Pressure Using	0.5-0.7Mpa
Motor Power	1.2kw	Overall Size	2000X1300X1650mm

■Operation Process:

Automatic pouch loading, no pouch detector, filling, spout cleaning, feeding and inserting cap, capping, discharging, transport(If connected with conveyor belts).

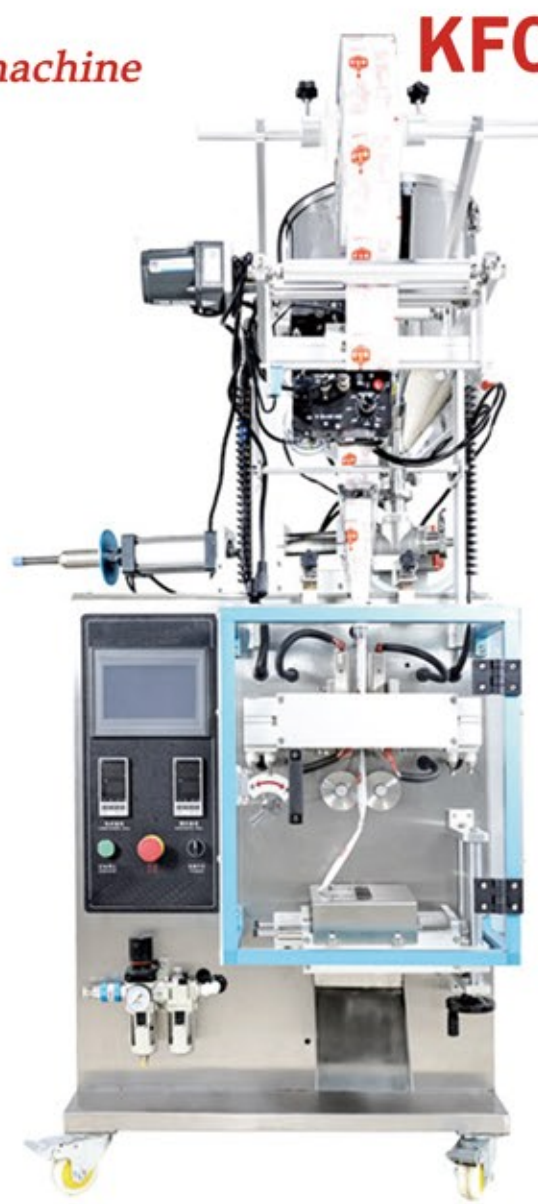


- 1 Automatic bag feeding with conveyor(one meter, fill up 30-50bags one time)
- 2 Auto 2 heads quantitatively Anti-drip filling nozzles(The head quantity can be add or decrease according to production required), No bag no filling
- 3 Auto cap loading and feeding(including vibrating)
- 4 Auto 2 cap heads tightening. No bag no capping.
- 5 Auto bag discharge

Sauce sachet packing machine

■Features:

- 1) Imported PLC control system and color touching screen enable easy and efficient operation.
- 2) Noiseless stepping motor to improve steady working condition and decrease vibrator and noise.
- 3) Fully food level stainless steel 304 material, ensure packing products keep clean and machine long life-span.
- 4) Imported color mark sensor, accurate cutting positioning, excellent machine performance and beautiful packaging.
- 5) A variety of automatic alarm protection functions are used to minimize losses.



KF02-PC 240

Round Corner Cutting Device



Sauce Stick Packing Machine

■Features:

- 1) Optional English or other languages screen display and simple operation.
- 2) Servo motor film pulling system, more beautiful sealing appearance.
- 3) Punching knife can be designed easy tearing and round corner.
- 4) Bag-making, filling, sealing, cutting, counting can be achieved automatically.
- 5) High-sensitivity photoelectric color tracing, more accurate cutting position.

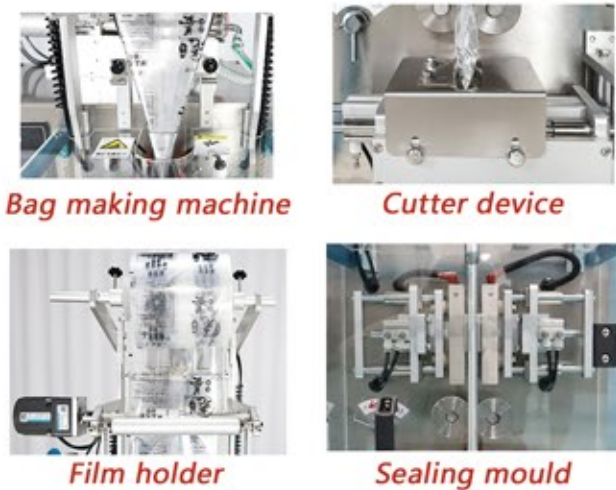
■Bag Type Sample:



■Bag Type Sample:



■Details:



■Technical specification:

Packaging Capacity	1-50/50-100ml
Power Consumption	1.5kw/220V.50Hz,1P (cancustomize380V,50Hz,3P)
Packing Speed	Max70bags / min
Bag Length	30-150MM
Bag Width	10-110MM
Packing	backing sealing bag/Three side sealing four side sealing
Air Pressure	0.6-0.7MP
Total Weight	250kg
Packaging Size	1850*800*1200mm
Metering Mode	piston pump-liquid measure cup-granule argue screw-powder

■Technical specification:

Filling Method	Piston Pump
Bag shape	Customized Package
Bag size	L40-160mm W20-110mm
Capacity	1-50ml/bag
Speed	30-60bags/min
Control Style	PLC control+ English screen
Material	Stainless Steel
Power	2KW
Dimension	780*750*1800mm
Weight	300KG

■Details:



VFFS Liquid Pouch Packing Machine

KF02-PC VFFS



Function:

1. This machine can finish measuring, pulling, feeding, forming, date printing, cutting automatically
2. Adopts the stainless steel 201 for the machine's mainframe, and stainless steel 304 for the parts touching supplies
3. Fine packaging performance, low noise, clear sealing texture and strong sealing performance.

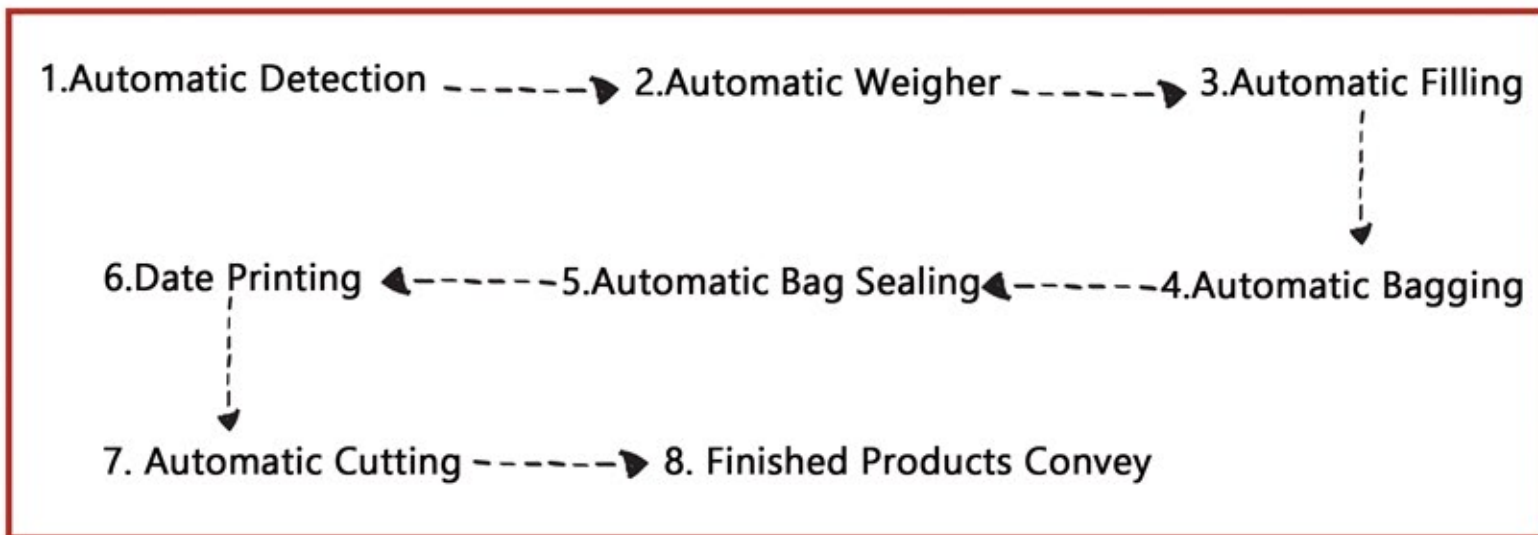
Sample:



Technical specification:

TYPE	KF02-L V420	KF02-L V520	KF02-L V620	KF02-L V720	KF02-L V820
Bag Length	80-300mm	80-350mm	80-400mm	80-450mm	80-500mm
Bag Width	50-200mm	50-250mm	50-300mm	50-350mm	50-400mm
Max width of roll film	420mm	520mm	620mm	720mm	820mm
Packing Speed	1-25bag/min	1-20bag/min	1-15bag/min	1-10bag/min	1-8bag/min
Measuring Range	100-2000 ml	100-3000 ml	100-4000 ml	100-5000 ml	100-6000 ml
Air Consumption	0.65mpa				
Gas Consumption	0.8M ³ /min				
Power Voltage	220V/50HZ (can be customized 110V)				
Power	3 phase 4 wire 3.5KW				
Bag Type	back side sealed/pillow bag				

Workflow:



Details:

Can form packaging film into bags

Bag making machine

Good sealing effect, more solid

Sealing Mould

Manual touch screen for easy and convenient

Operation Panel

Hopper

Pump

Bag Former

Protective Cover

Cutter Device

Splice Plate

Moving Wheel

Automatic Liquid Vacuum Packing Machine KF02-PC V520X



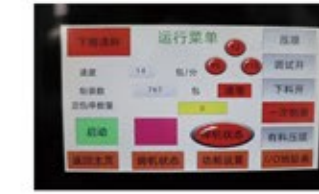
Introduction:

This sauce packing machine adopts vacuum slant cutting method to achieve angled bag effect. It adopts advanced PLC plus photoelectric control system with Chinese and English touch screen. It can automatically complete the process of measuring, bag making, filling, sealing, cutting off, printing production date, cutting easy-tear mouth, etc. Feeding material through rotor pump, precise measurement by packaging system. The machine can be used for automatic packaging of various liquids and pastes in food, chemical and daily chemical industries, such as: ketchup, mayonnaise, jam, etc.

Technical specification:

Unloading Method	Rotor Pump
Filling Volume	100-2000ml/bag
Voltage	4.5KW
Bag Size	Length:80-300mm Width:80-200mm
Bag Type	Back Sealing/Pillow Bag
Capacity	15-20bags/min
Control	PLC + touch screen
Air Pressure	0.6-0.8Mpa 30L/min
Power	3 phase 3800V 50HZ
Weight	500KG
Dimension	1320*1650*2400mm(L*W*H)

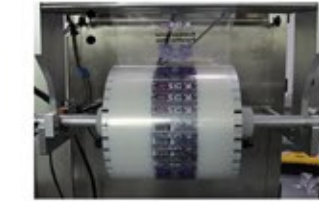
Details:



Touch Screen Panel



Piston Pump



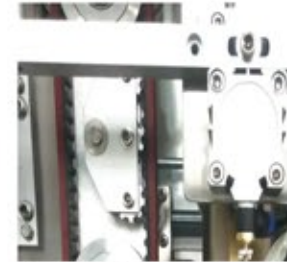
Membrane Recycling



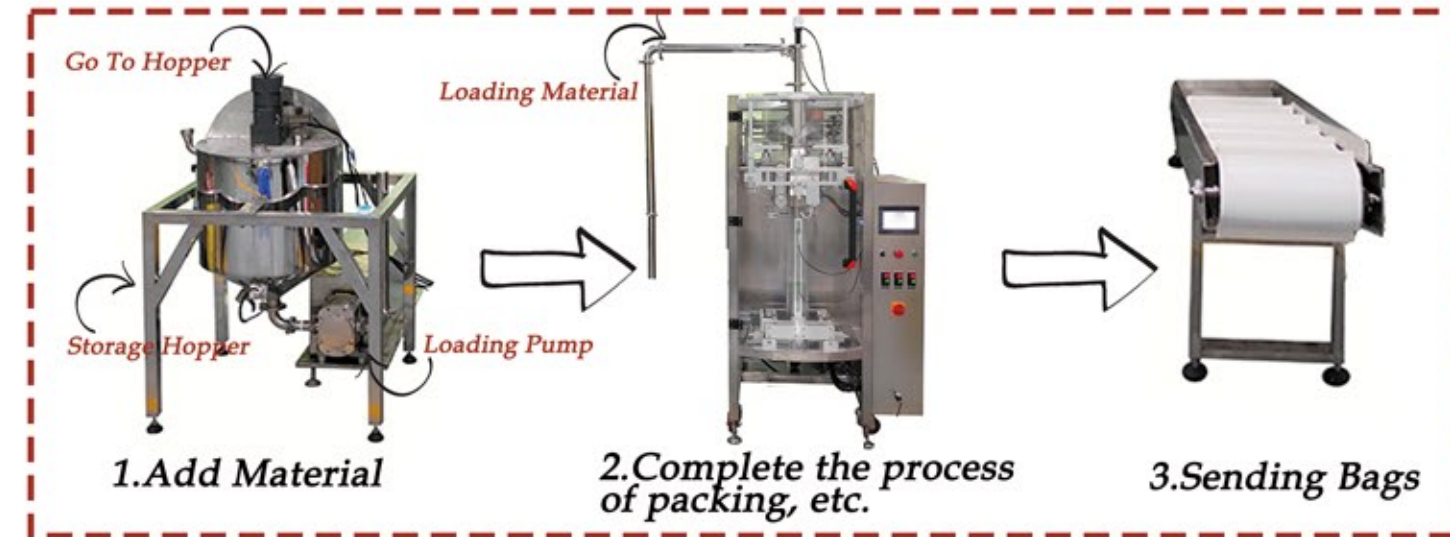
Ribbon Printer



Cutting Kinfe



Film Pulling Divice



Features:

1. Ten groups of parameters can be stored, more accurate for changing varieties.
2. Adopt servo motor to pull and touch, more accurate positioning.
3. Independent control of horizontal and vertical sealing temperature, which can be well applied to various laminated films, PE films and other packaging materials. Accuracy can reach $\pm 1^{\circ}\text{C}$ degree.
4. Diversified styles of packaging, back seal, continuous bag, hole punching, etc.
5. The production of bag making, sealing, packing and printing date is completed at one time.

Irregular Sachet Liquid Packing Machine

KF02-PC Y110



■ Technical specification:

Measure Method	Ball Valve Pumps	Bag Size	L40-160mm W20-110mm
Control Style	PLC control+ English screen	Capacity	30-60bags/min
Bag Shape	Irregular Shaped bag	Power	220v/50HZ
Dimension	780*750*1800mm(L*W*H)	Voltage	2KW
Packing Range	1-50ml/bag (can customize bigger volume)	Weight	300KG

■ Features:

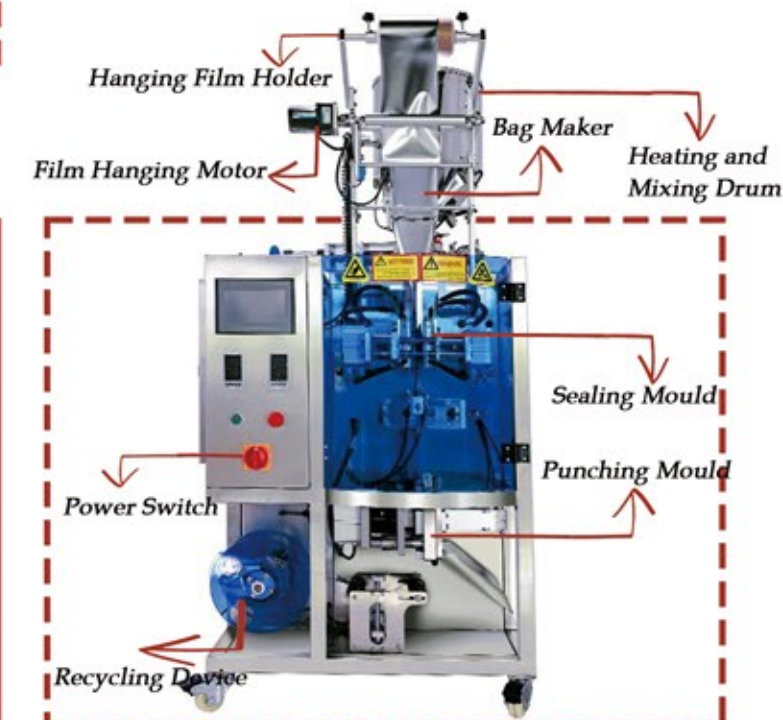
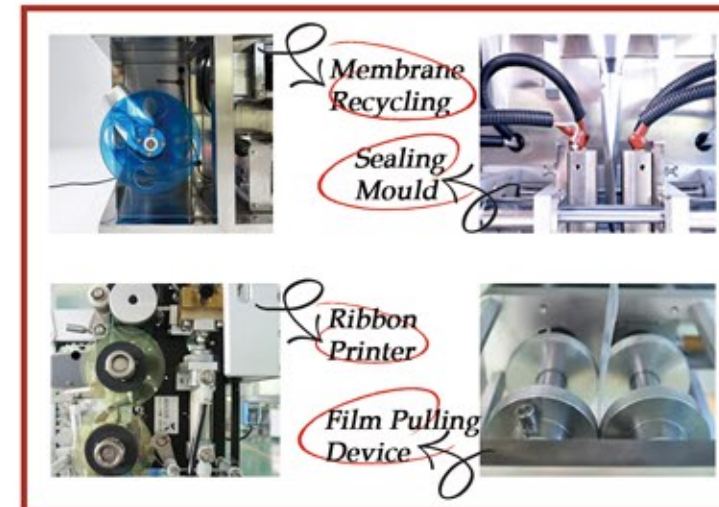
1. It can automatically complete all the work of filling, measuring, bag making, sealing, cutting, counting and hot pressing batch number during the packing process, and the photoelectricity following label positioning needs no adjustment.
2. Intelligent control system, only need to set the parameters to precisely control the operation of the system.
3. Heat sealer to the edge of the bag evenly heated control, the upper and lower sides can be individually adjusted temperature .
4. Change the cutting device can realize all kinds of different shapes of bags. Equipped with recycling waste device can extend the machine cleaning cycle.
5. Double wheels pulling bags, pulling bags more smoothly, bags more beautiful, not stuck bags. Can be configured with color punching type coder for row punching batch number, shelf life, etc.

■ Sample:



This machine is suitable for liquid, paste and sauce materials in pharmaceutical, daily chemical, food and pesticide industries. Such as shampoo, shower gel, cream, juice, jam, seasoning sauce, etc.

■ Details:



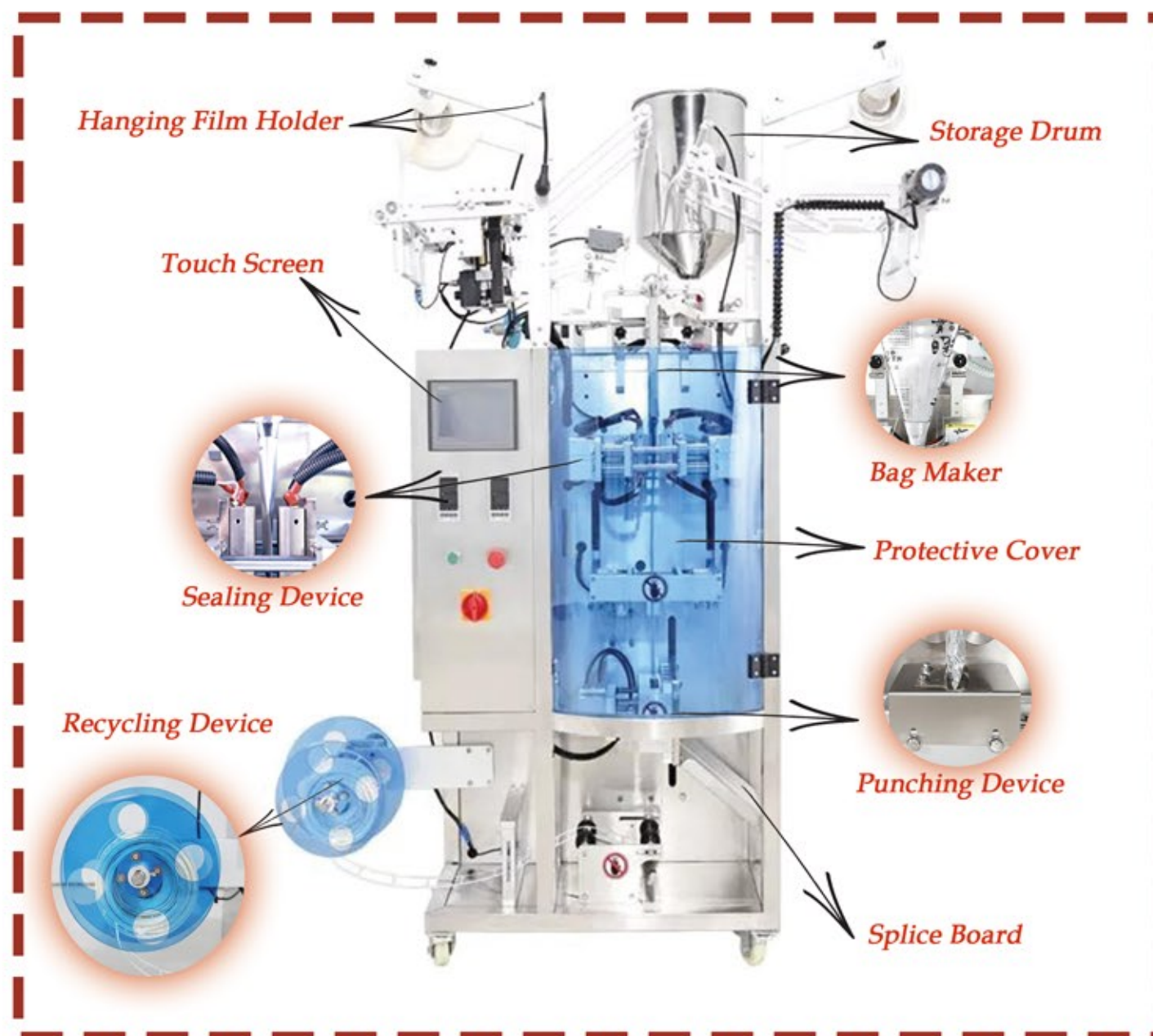
Easy-snap Pouch Packing Machine KF02-PC K100



Description:

Easy-Snap will simplify your life. With the Easy-Snap packet, you can carry any liquid or powdered product with you at all times, and use it in the easiest, most practical way. The packets are good-looking, convenient, hygienic and waste-preventing. Suitable for honey, sauce, oral liquid, liquid, pesticide, perfume, lotion, fruit pulp, etc.

Product Description Introduction



Sample:



Technical specification:

Bag Size	Length:140-165mm width:20-100mm	Voltage	1.8KW
Measure Method	Piston Pumps	Power	AC 220V/50HZ/60HZ
Capacity	25-40bags/min	Weight	490KG
Control System	PLC+ touch screen	Dimension	800*1050*2200mm(L*W*H)

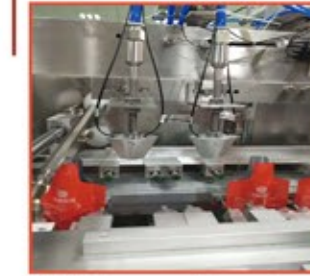
KF02-PC HFFS



HFFS Packing Machine

Advantage:

1. Bag transfer trolley with linear bearings and all-round waterproof structure. More stable operation with higher hygiene level.



2. Micron-level control, shaped grinding tool design makes both sides of the bag keep smooth, consistent height, no burr.



3. Positive and negative pressure air paths are used to open the bag, one vacuum generator can drag up to one group of suction cups to ensure the maximum success rate of bag opening.



4. Servo-driven control, smooth running, accurate bag pulling. Control wheel tension, bag length deviation plus or minus 0.3mm.

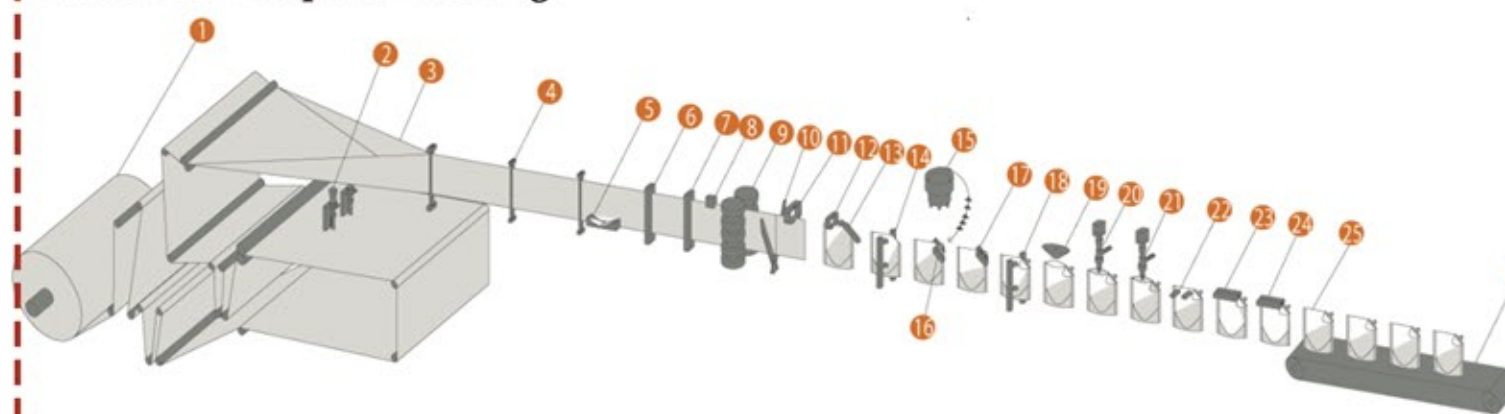


Technical specification:

Model	KF02-PC HFFS
Bag length	80-160mm(L)/110mm-250mm
Bag Width	60-130mm(W)/55mm-120mm
Max Volume	140ml / 300ml
Packing Speed	40-60PPM / 80-120 ppm
Accuracy	Based on 30ml error ± 0.3 ml
Air Pressure	0.6mpa
Gas Consumption	0.7m ³ /min
Voltage	6KW/11 KW
Dimension	4850mm×1150mm×1550mm
Weight	1800Kg/2800Kg

Workflow:

1.Film Unwind 2.Bottom Hole Pouching 3.Bag Forming 4.Film Guide 5.Bottom Seal
6.Vertical Seal I 7.Vertical Seal II 8.Photocell 9.Servo Advance 10.Cutting 11.Pouch
Catching I 12.Pouch Catching II 13.Slant Opening Cutting 14.First Pouch Opening
15.Vibrator 16.Spout Inserting



17.Spout Seal 18.Second Pouch Opening 19.Air Flushing 20.Filling I 21.Filling II
22.Pouch Stretching 23.Top Seal I 24.Top Seal II 25.Finished Product 26.Outlet

Horizontal Cup Filling Sealing Machine



KF02-L CB-4L

■Features:

1. Photoelectric eye calibration of the diagram to ensure accurate sealing.
2. Twice sealing, with adjustable sealing pressure, can be sealed as easy to tear or not easy to tear according to customer requirements.
3. The seal is firm and the edges are smooth and free from imperfections.
4. The entire production process can be completed automatically, including cup dropping, filling, film release, sealing and cup dispensing. The technical configuration can be adjusted or reduced according to customers' needs.

■Technical specification:

Machine Weight	700KG
Machine Size	3000*600*1500mm
Air Consumption	0.7m ³ /m
Air Source	0.5MPa-0.75 MPa
Power	2kW
Power Supply	3 Phase 380V 50/60Hz
Packing Speed	(40-50 cups/min) (250g/cup, 500g/cup) Speed will be different according to different material & cup size



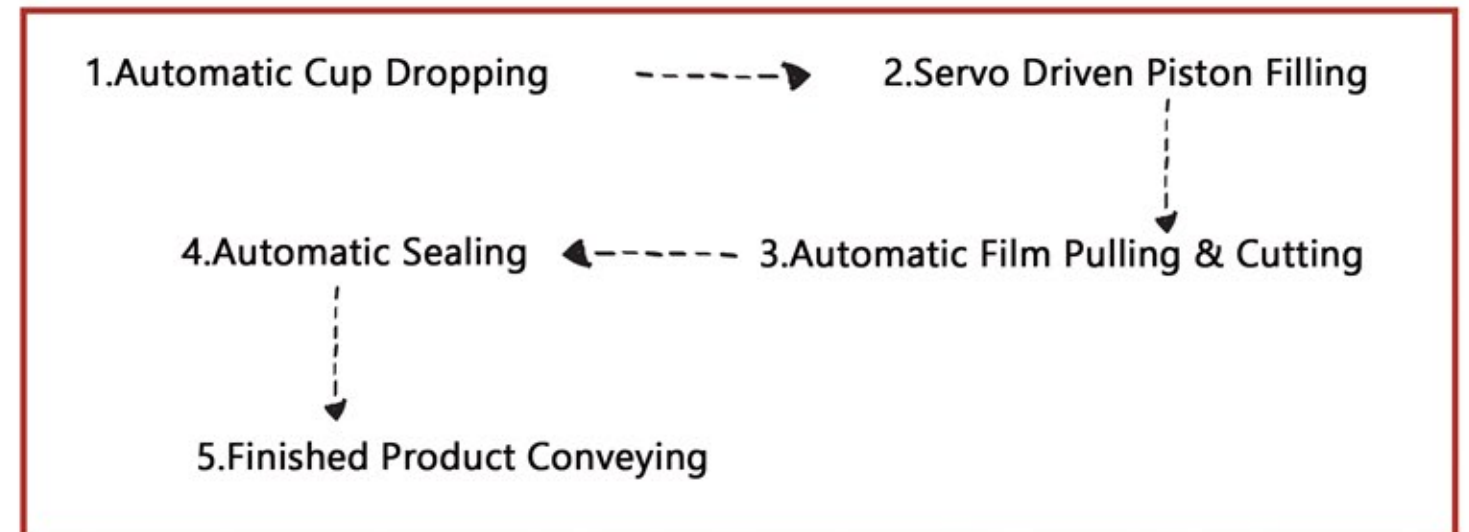
■Introduction:

The 4 Heads Liquid Filling & Sealing Machine is an automatic packaging production line which integrates automatic cup feeding, liquid/paste/jam filling, sealing and cup discharge. Suitable for plastic cups, paper cups, aluminum and other cup box products sealing, such as sauce, jelly, cream, juice, condiments etc. Our products has the industry's advanced technology and the whole machine adopts Japan, Taiwan, and domestic well-known brand control system and pneumatic components, with low failure rate, stable operation and long service life. This cup filling sealing machines are suitable for filling cups of different sizes and can be equipped with different types of filling methods, such as self-flowing, stopper-filling, measuring cup, negative pressure, screw filling, etc.

■Bag Type Sample:



■Workflow:



■Features:

Turntable Cup Filling and Sealing Machine are applicable to fill and seal cups, bowls, boxes, trays, cans, pots and so on, used to fill with liquid, cream or solid material, such as yoghurt, milk, jelly, juice, ketchup, fruit salad, pulp, mineral water and so on.



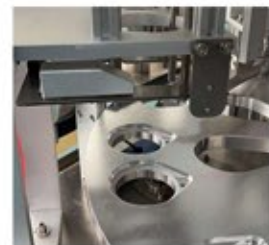
Bag Type Sample

■Technical specification:

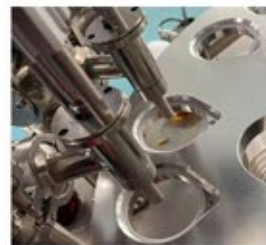
Voltage	1KW 229V 50HZ
Filling Range	10-300ml
Capacity	900cups/hour
Material	Stainless steel 304/316
Weight	300KG
Dimension	1250*1250*1750mm(L*W*H)
Working Station	One
Hopper Capacity	30KG
Film Material	PE PP PET PE
Film Type	Pre cut film
Temperature Range	0-400°C
Filling Accuracy	±1.5%

■Features:

1. Automatic bottling, automatic filling, automatic cover, automatic sealing, automatic cup production, adjustable production speed, easy and safe operation.
2. Adopt the cam divider to make the positioning of the lower film accurately and the machine running smoothly.
3. Accurate two sealing, sealing pressure can be adjusted, sealing strength is good;
4. The suction cover and seal are completed simultaneously, and the movement of the lower membrane has no effect on the positioning accuracy of the cover film.



Cup hold filling position



Filling nozzles



Film sealing head



Piece film release

Turntable Cup Filling Sealing Machine

The whole body of the machine is made of stainless steel. And it has many advantages, such as intelligent digital temperature control system, with high seal strength, good sealing effect, low failure rate. It is the preferred business automation production product.

It can automatically complete plastic (paper) cup falling, filling, lid feeding, sealing and cups output.



KF02-L CZ-4

■Workflow:

1. Falling cups: Cups drop down one by one automatically.
2. Filling liquid in the cup
3. Sucking putting lids: Vacuum arm suck and put foils.
4. Sealing lids: 0-400 degrees, can be adjusted. Push-out finished cups to a platform.
5. Finished cups-output:

Liquid Blister Packing Machine



KF02-PC DPP

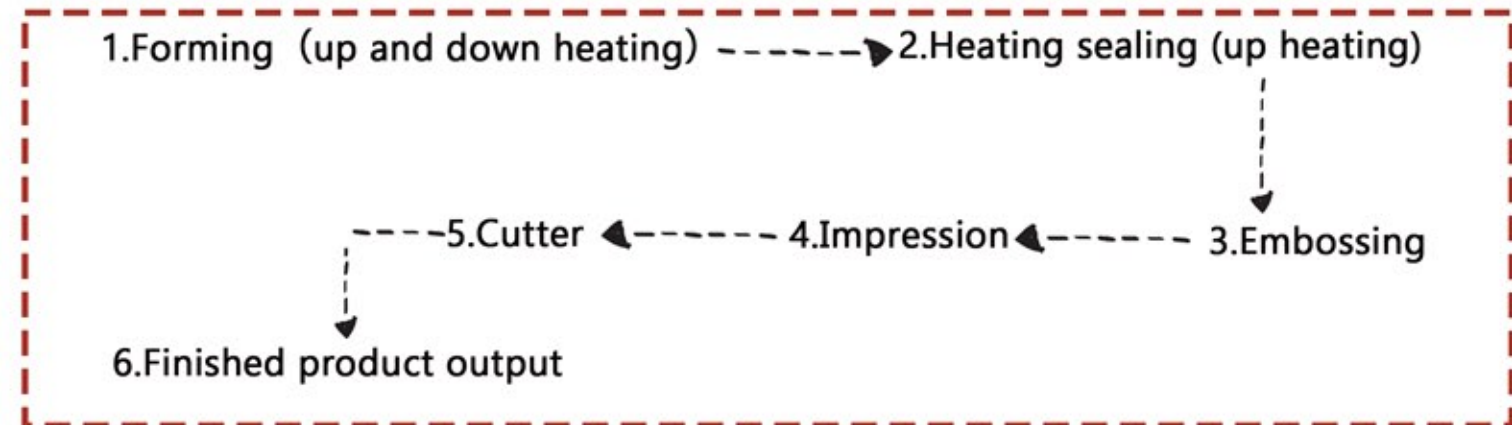
■Features:

- 1.It adopts the newest type high-power transmission mechanism to arrange the chain and drive the main driving shaft. The errors and noises of other gear wheel transmission can be avoided.
- 2.Imported controlling system is adopted; also it can be equipped with detecting and rejection function device for number of medicines according to clients' requirements.
- 3.It adopts photoelectrical controlling system to make PVC, PTP, Aluminum/Aluminum material to be automatically fed and waste side to be cut automatically to guarantee the Synchronous stability of over-length distance and multi stations.
- 4.It can be optional equipped with photocell correction device, imported stepper motor traction and image-character register to optimize packing grade.
- 5.The machine is suitable for industries of foodstuff, medicine, medical instruments, hardware, electronics etc. For packing.

■Technical specification:


Punch Frequency	20-55times/min	Main Motor	0.75KW
Production Capacity	3600pieces/hour	PVC Hard Film	0.15-0.5*110(mm)
Max. Forming area & depth	150x120(standard depth≤15mm) Max. Depth 25mm(As adjusted)	PTP Aluminum film	0.02-0.035*150(mm)
Standard stroke range	80-120mm(can be customized)	Dialysis Paper	50-100g*150
Standard plate size	Can be customized	Mould Cooling	Tap water or recycling water
Air Pressure	0.4-0.6Mpa	Overall dimension	1840*590*1100(L*W*H)
Compressed air required	Air compressor≥0.3m ³ /min	Weight	Net 490KG Gross weight529KG
Total Power Supply	Single phase 220V 50Hz 60Hz 2.8KW	Noise Index	<75dBA

■Workflow:




■Bag Type Sample:






ALUMINUM FILM
Suitable for a variety of films



FORMING STATION
PVC forming/capsule feeding
heat sealing in one segment



PHOTOELECTRIC INDUCTION

3 in 1 Liquid Filling Machine

KF01-L GZX



■Features:

- 1.The machine including rinse filler capper function together, will save more space and improve working efficiency.
- 2.The monoblock machine with food grade SUS304/316 material.
- 3.The filling volume could be adjusted and could suitable for various size bottle via slight adjustment and changing related parts.
- 4.The machine with overload protection device. It is automatically shot down when bottles jams. At the same time, the buzzer emits a “beep-beep” safe alarm.

■Details:

<p>1.Adopt flexible and powerful robotic hand to grasp bottles.</p> <p>2.Continuous follow-up bottle flushing with high efficiency and stable flushing effect.</p> <p>3.It can be controlled freely.</p> <p><i>Washing Rinser</i></p>		<p>1.Large range: suitable for bottle diameter 60-100mm, bottle height 250-350mm</p> <p>2.all kinds of round containers, such as glass bottles, porcelain bottles, plastic bottles, pottery bottles, etc.,</p> <p><i>Filling part</i></p>	
<p>Sorting caps automatically and no bottle no capping. The capped bottles no leaking no scratch.</p> <p><i>Roppaluminum Capping</i></p>		<p>Corking depth could be adjusted. No bottles no corking.</p> <p><i>Corking</i></p>	

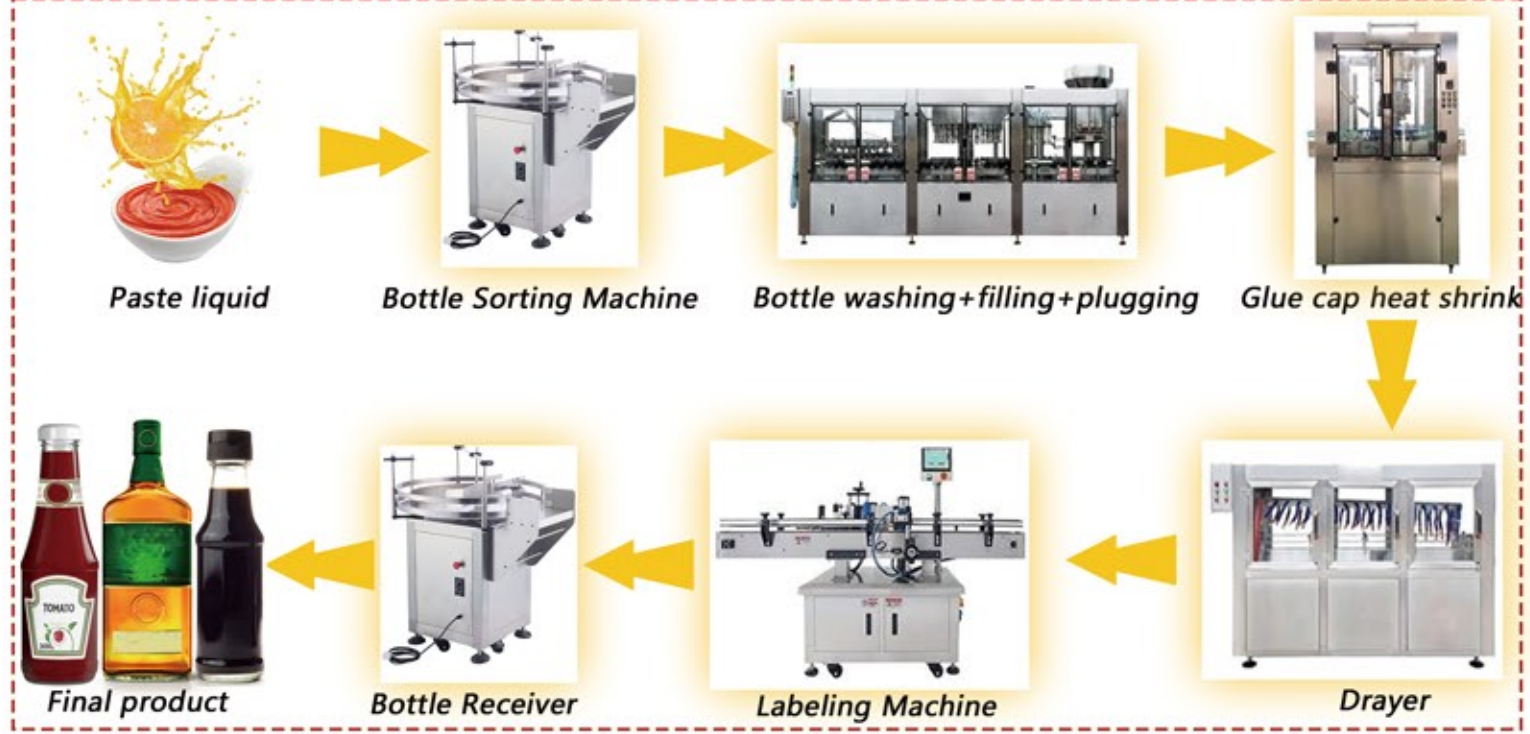
■Introduction:

This 3 in 1 liquid filling machine including the whole filling process of bottle washing, filling and capping, which is mainly used for wine, vodka, whiskey, spirit, soy sauce, vinegar and other foaming liquids filling. Now our company can customized this machine for 12/ 18/ 24/ 36/ 45 filler heads. The bottles inside and outside are rinsed by turning over the bottle, and then the low vacuum pressure principle is used for filling. The filling process is not foaming and with high precision. Capping part could designed for aluminium caps, plastic caps, corks, T corks, which can seal effectively.

■Technical specification:

Machinery Capacity	4000BPH, 8000BPH, 6000BPH 2000BPH, 1000BPH	Product Name	3 in 1 filling machine
Filling Material	Liquor, Vodka, Wine	Name	3 In1 washing Filling Capping Machine
Filling Accuracy	±3ml	Material	Stainless Steel 304/316
Core Components	Motor, Pressure vessel, Pump Other, PLC, Gear, Bearing Gearbox, Engine	Boundary Dimension	3200*1200*2200

■Production Line:



*Piston-type Linear
Liquid Filling Machine*



■ **Features:**

This series of filling machine for daily, food, oil, medicine, pesticides and other industries, can be filled with different types of liquid products. Piston-type linear filling with high precision filling, easy installation and commissioning, clean and maintenance is simple, no dripping and so on. Contacted material are made of 304 stainless steel (can customize 316 stainless steel), all stainless steel rack, with clean, tidy and beautiful appearance. Using Taiwan PLC control, touch screen man-machine interface, the German light eyes, Germany FESTO, Taiwan AirTac and other imported components, so that the filling machine has a stable performance, flexible operation of the outstanding performance.

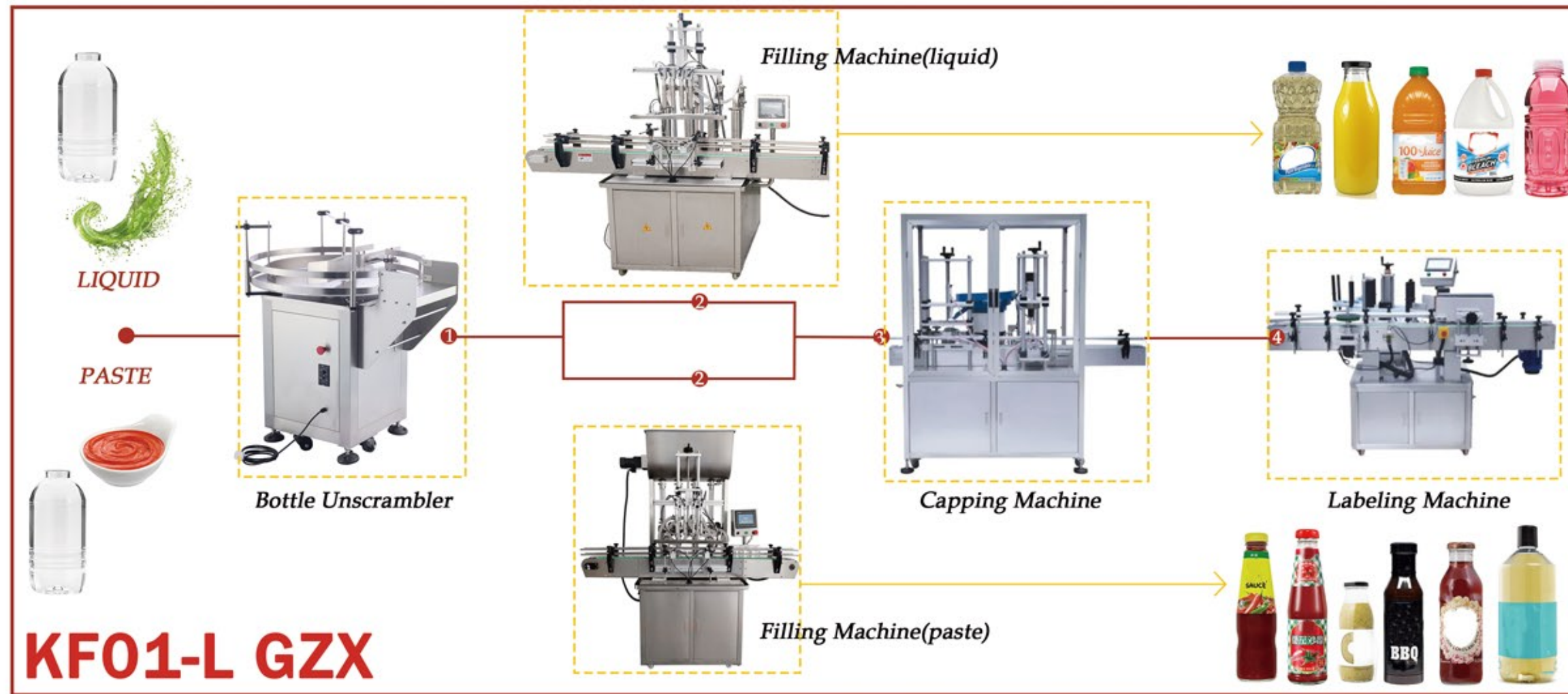


*Piston-type Linear
Paste Filling Machine*

Automatic Piston-type Linear Filling Machine

■ **Technical specification:**

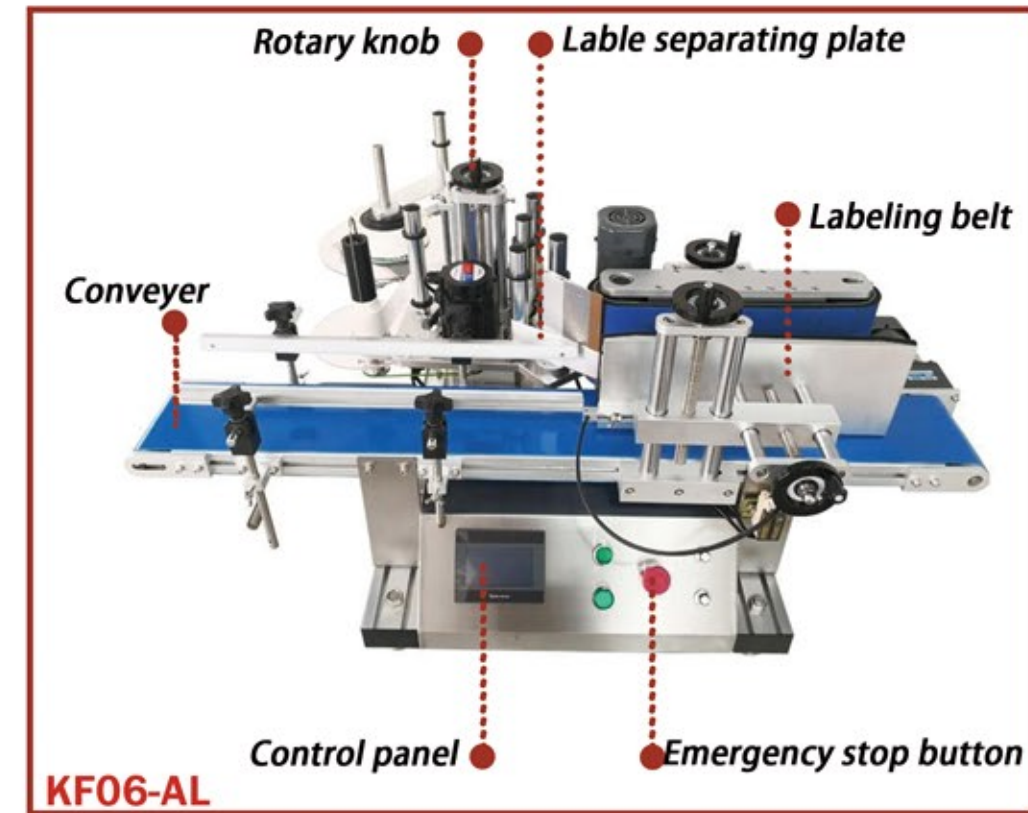
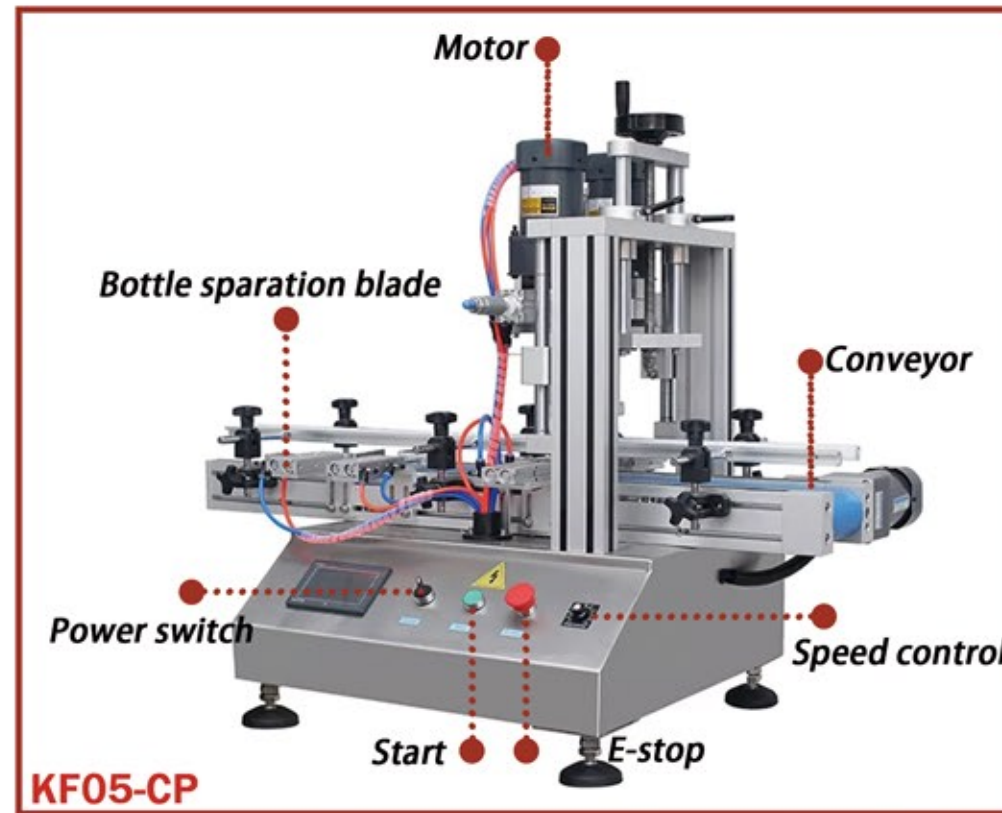
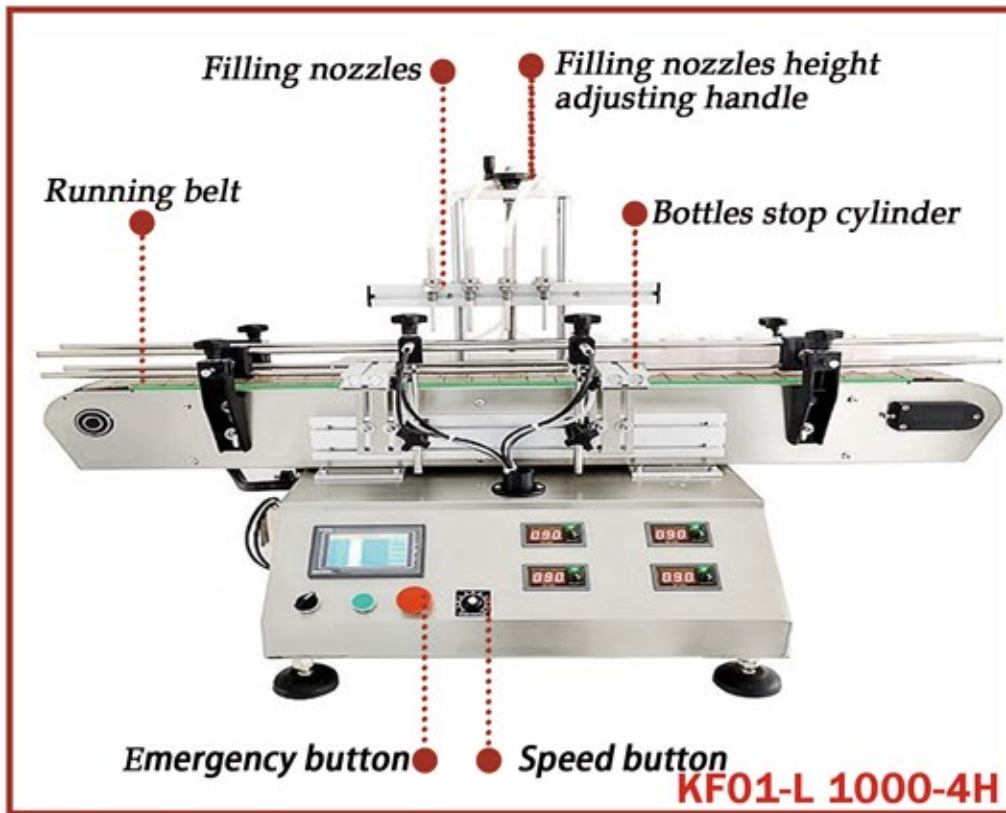
Type	piston-type linear liquid/paste filling machine
Number of filling nozzles	2/4/6/8 (can be customized)
Voltage	500w
Power	AC220/110V 50/60Hz
Air Pressure	0.4-0.6Mpa/0.5-0.7Mpa
Speed	5-60bottles/min
Model	10-100ml, 30-300ml, 50-500ml, 100-1000ml/500-3000ml/1000-5000ml
Accuracy	±1%



KF01-L GZX



Filling Nozzles Electronic Screen Sensors



■ **Technical specification: (Filling)**

Model	KF01-L 1000-4H
Filling Heads	Four heads
Power	380/220V,50HZ,500W
Filling Range	0-1000ml
Filling Speed	1500 bottles/Hour
Filling Accuracy	±0.5-1%
Dimension of machine	(L)1350*(W)850*(H)850mm; 125Kg

■ **Technical specification: (Labeling)**

Model	KF06-AL
Machine Voltage	110/220V 50-60HZ
Power	About 1000W
Labeling Accuracy	±1mm (excluding bottle and positioning error)
Working Speed	15-25bottles/min
Suitable Bottles Size	H≤150mm, φ≤100 (customized)
Suitable Label Size	H≤150mm
Machine Size	About 1300*800*800mm 104kg

■ **Technical specification: (Capping)**

Model	KF05-CP
Bottle Height	60-270mm
Bottle Caps Diameter	18-70mm
Speed	20-40 bottles/minute(depending on bottle and caps)
Voltage	AC220V/110V 50-60HZ
Pressure	0.4-0.6 MPa
Machine Size	About 1120*680*1110mm
Package Size	About 1160*710*1140mm
Weight	About 97.5kg
Conveyor Length	1117mm



■ **Features:**

- 1.This filling line is used for automatic filling, capping and labeling of regular plastic bottles and glass bottles (such as hexagon bottles, round bottle,square bottles) in cosmetics,food and beverage, pesticide and fertilizer, chemical industry.
- 2.Equipped with electric eyes, can be adjusted by adjusting components and improve capping and labeling accuracy.
- 3.Photoelectric Sensor, PLC/Electronic-Pneumatic Controlled.
- 4.Equipped with conveyor, can transfer bottles automatically, save labor and improve working accuracy.
- 5.Equipped with powerful motor, the main motors and the conveyor motor are separately,ensure that the machine can work stably and safely.
- 6.Desktop type and high capacity, saving working space and cost.



LIQUID

Single/Double Head Liquid Filling Machine

Tubing
Emergency Switch
Handle
Discharge Spout
Foot Switch

Small Scale Liquid Filling Machine

PASTE

Single/Double Head Paste Filling Machine (with mixing and heating device)

Rotor Pump High Viscosity Paste Filling Machine

Mixing Machine
Heating Device
U Hopper Paste Filling Machine (with mixing and heating device)

Shaped Pouch Filling Machine

Control Panel
2Station 8Head Nozzle

Manual Filling Machine

Hopper
Measure Jar
Filling Mouth
Discharging Mouth
Handle
Discharge Metering Regulation

PUMP

1/2/3/4 Head Magnetic Pump Filling Machine

Brackets
Discharge Spout
Control Panel
Foot Switch
Switch
Feed tube

Peristaltic Pump Filling Machines

Control Panel
Peristaltic Pump
Tubing

Multiple Available

KF01-L GZX Semi-automatic Liquid /Paste Filling Machine

OTHERS

Semi-auto 12 Heads Filling Machine

Floating Ball Valve
Adjustment Valves
Water Connection Port
Output Port
Positioning Plate

■ System Introduction:

1. The line is designed to enable customers to obtain the best production capacity and economic efficiency. The combination of outdoor and indoor installation ensures the rationality of on-site construction and operation.
2. The low temperature vacuum steamer is used, which greatly reduces energy consumption; meanwhile, the flavor substances and nutrients of fruits and vegetables are retained to the maximum. Adopting the way of circulating water replenishment from external reservoirs, which reduces the waste of cooling water.
3. Considering the retention of the original natural flavor components of the sauce products, the whole cooling and heating process and material transportation are done in a short time and short distance, effectively preventing the loss of flavor substances generated by heat-sensitive reactions; at the same time reducing the quality damage caused by the oxidation of the original pulp of fruits and vegetables at high temperatures.

■ Production Line Features:

1. The whole process includes lifting system for raw fruit, cleaning system, sorting system, crushing system, pulping system, vacuum concentration system, sterilisation system and aseptic filling system.
2. Capacities include: 150/300/400/500/600/800/1000/1200/1500 tonnes of fresh fruit and vegetables per day.
3. The final product concentrations are: 28-30%, 30-32%, 36-38%.
4. Below 300 tons manual control or automatic control can be set.



Fresh Fruits

Conveyor Belt

Washing Machine

Sorting Machine

Core Removal Machine

Crushing Pressing Machine

Vacuum Concentrator

KF01-L GZX



Final Product

Aseptic filling machine



Germicidal Machine



Final Product



Boxing Machine



Laser Coding Machine



Heat Shrink Sleeve Labeling Machine



Filling, Capping Machine



Production Line

Introduction:

This filling machine is designed to accurately dispense large quantities of bulk liquid material into various containers (iron and plastic drums) by weighing, for automatic quantitative filling of 10-50L drums. It is widely used in industries related to liquid materials such as food, chemicals and pesticides.



KF01-L WF50L

Features:

1. The system is a weighing type filling machine produced with advanced foreign technology, with high metering accuracy and independent of the material.
2. The filling valve, consisting of fast and slow addition, improves both the filling speed and the filling precision.
3. The metering range is large and can be freely adjusted within 10-50kg.
4. The filling head is equipped with an anti-drip device, so that no bubbles are produced in the filled material and the cans are opened with good effect.
5. Automatic control of material feeding, equipped with pneumatic lid clamping and pneumatic pressure plate device, filling volume can store up to 10 recipes, which can be easily switched.

10-50L Bucket Weighing Filling Machine

Application:



Cooking Oil



Sauce



Soy Sauce



Iron Barrel



Lubricant



Coating



Disinfectant



Plastic Drums

Mainly used for quantitative filling of tinsplate and plastic drums, also suitable for automatic quantitative filling of liquids in various industries such as food, pharmaceutical and chemical. For example, lubricating oil, edible oil, alcohol, disinfectant, ink, chemical pigment, resin, etc.

Technical specification:

Filling Range	10-50L
Filling Accuracy	0.5%
Capacity	160-300times/hour
Voltage	AC220V±10%/50Hz/500w
Air Consumption	0.4-0.6Mpa/10m ³ /h
Dimension	1120*640*1440mm

Working Flow:

The operator simply moves the container so that the filling opening is aligned with the filling nozzle and presses the "start" button, the nozzle is automatically lowered and the empty drum is automatically peeled, followed by precise two-speed filling to ensure filling accuracy. At the end of the filling cycle, the nozzle is automatically raised and the full pail is moved away to complete the filling cycle.