Soundpoen Packing Solution Co., Ltd
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Soundpoen is a new type of enterprise integrating R&D, production, sales and service, specializing in the production of automated packaging lines. As a member of the National High-tech Small and Medium-sized Enterprises Group, Soundpoen has been committed to the design, manufacturing and sales of packaging machinery for the daily chemical, cosmetics, pharmaceutical packaging, and food processing industries. Our featured products include filling and sealing machines, single-shot tube filling and sealing machines, automatic pump head capping machines, integrated liquid filling and sealing machines, labeling machines, cartoning machines, heat shrink packaging machines, etc. In recent years, Soundpoen has developed a variety of products that have reached the international advanced level, and its quality and technological innovation have won widespread praise from customers worldwide. Examples include tube filling and sealing machines, single-shot tube filling and sealing machines, integrated filling and sealing machines, and aerosol filling machines.







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DJCF-30B Semi-automatic ultrasonic filling and sealing machine



Key Features:

1. Touchscreen operation, user-friendly design, simple and intuitive operation.
2. The machine performs a series of actions including manual tube loading, automatic labeling, filling, sealing and printing, tail cutting, and finished product output.
3. The machine is equipped with safety devices: no filling without tube, no sealing without tube, tail cutting, and overload protection.
4. Pneumatically operated control valve, highly efficient and safe. The flow channel can be independently adjusted and cleaned.
5. Adopts an anti-drip and anti-stringing filling nozzle structure design.
6. The entire machine is made of stainless steel and anodized aluminum alloy, with the parts in contact with materials made of SUS304 stainless steel.
7. Workflow:

1. Manual tube loading → Marking and positioning → Filling → Tail heat fusion → Pressing and sealing, marking → Resetting → Cutting → Finished product discharge (plastic tube).

2. Manual tube loading → Marking and positioning → Filling → Flattening the tail → First 180-degree fold → Second 180-degree fold → Saddle fold → Marking → Finished product discharge (metal tube).

Optional Equipment:

1. Replacement of diameter pipe components
2. Double-layer temperature-controlled material hopper
3. Automatic feeder

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Specification:

Model	DJCF-30B	DJCF-30P
Power supply	220V,50/60hz	220V,50/60hz
Hose material	Plastic pipes, composite pipes	Metal tubes, aluminum tubes
Power	2.2KW	2.2KW
Filling accuracy	≤ ± 0.5%	≤ ± 0.5%
Design speed	30pcs/min	30pcs/min
Production speed	15-25pcs/min	15-25pcs/min
Filling range	3-250ml	3-250ml
Hose diameter	Φ10- ϕ50mm	Φ10- ϕ38mm
Hose length	60-230mm	60-230mm
Print code	2*3mm (8-digit number)	2*3mm (8-digit number)
Hopper capacity	40L	40L
Sealing method	Ultrasonic heat fusion linear or irregular shape	Saddle-shaped fold, others
Sleeve Cup Holder	9pcs	9pcs
Machine weight	(about)300kg	(about)300kg
Machine size	(about)1050*1150*1650mm	(about)1050*1150*1650mm
Air supply	0.6-0.7MPA ≥7.5kw 200L	0.6-0.7MPA ≥7.5kw 200L

Configuration List:

Name	Brand	Origin
Touch screen	Kunlun Tongtai	China
PLC	Delta	Taiwan
Switching power supply	Ming Wei	Taiwan
Cylinder	Airtac	Taiwan
Solenoid valve	Airtac	Taiwan
Relay	Omron	Japan
Photoelectric sensor (color mark detection)	Panasonic	Japan
Drive motor	Leisai step	China
Position motor	Leisai step	China
Cutter	Chaoshun	China
Contactor	Chint	China

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DJCF-30A Ultrasonic filling and sealing machine



Key Features:

1. Touchscreen operation, user-friendly design, simple and intuitive operation.
2. Fully automatic tube feeding, automatic labeling, filling, sealing and marking, tail cutting, and finished product output.
3. Equipped with safety devices: no tube, no filling; no tube, no sealing; tail cutting; and overload protection.
4. Pneumatically operated control valve, highly efficient and safe. The flow channel can be independently adjusted and cleaned.
5. Adopts an anti-drip and anti-stringing filling nozzle design.
6. The entire machine is made of stainless steel and anodized aluminum alloy, with the parts in contact with materials made of SUS304 stainless steel.

Work Process:

1. Tube compartment (soft tube container) → Automatic tube feeding → Labeling and positioning → Filling → Tail heat fusion → Press sealing and marking → Reset → Shearing → Finished product discharge (plastic tube). 2. Tube hopper (hose container) → Automatic tube feeding → Marking and positioning → Filling → Flattening tail → First 180-degree fold → Second 180-degree fold → Saddle fold → Printing code → Finished product discharge (metal tube).

Optional configurations:

1. Replacement tube diameter component
2. Double-layer temperature-controlled material hopper

3. Automatic feeder
5. Safety gate guardrail

Specification:

Model	DJCF-30A	DJCF-30L
Power supply	110/220V,50/60hz	110/220V,50/60hz
Hose material	Plastic pipes, composite pipes	Metal tubes, aluminum tubes
Power	2.5KW	2.5KW
Filling accuracy	≤ ± 0.5%	≤ ± 0.5%
Design speed	35pcs/min	35pcs/min
Production speed	25-30pcs/min	25-30pcs/min
Filling range	3-250ml	3-250ml
Hose diameter	Φ10- ϕ50mm	Φ10- ϕ38mm
Hose length	60-230mm	60-230mm
Print code	2*3mm (8-digit number)	2*3mm (8-digit number)
Hopper capacity	40L	40L
Sealing method	Ultrasonic heat fusion linear or irregular shape	Saddle-shaped fold, others
Sleeve Cup Holder	9pcs	9pcs
Machine weight	(About)350kg	(About)350kg
Machine size	(About)1550*1150*1800mm	(About)1550*1150*1800mm
Air supply	0.6-0.7MPA ≥7.5kw 200L	0.6-0.7MPA ≥7.5kw 200L

Configuration List:

Name	Brand	Origin
Touch screen	Kunlun Tongtai	China
PLC	Delta	Taiwan
Switching power supply	Ming Wei	Taiwan
Cylinder	Airtac	Taiwan
Solenoid valve	Airtac	Taiwan
Relay	Omron	Japan
Photoelectric sensor (color mark detection)	Panasonic	Japan
Drive motor	Leisai step	China
Position motor	Leisai step	China
Cutter	Chaoshun	China
Contactor	Chint	China

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DJNF-80-1 Single-head filling and sealing machine



Key Features:

1. The DJNF-80-1 tube filling and sealing machine features a combined programmable controller and button operation screen, providing comprehensive control over the machine's stepless speed regulation, parameter settings, output counting statistics, air pressure indication, fault display, and other operational statuses, making operation simple and user-friendly.

2. Fully automatic completion of the entire process from tube supply, alignment, inert gas filling (optional), filling, sealing, coding, and finished product export.

3. A high-precision alignment system reduces the color difference range between the tube and the color mark.

4. External adjustment parts, digital position display, quick and accurate adjustment (suitable for multi-specification and multi-variety production).

5. Integrated mechanical, optical, electrical, and pneumatic systems, enabling fully automatic functions such as no-tube-no-fill, incomplete tube supply, low air pressure, automatic display (alarm), and automatic shutdown when the protective door is opened.

6. Workflow:

1. Tube container (hose container) → Automatic tube loading → Marking and positioning → Internal cleaning of the hose (optional) → Filling → Tail heat fusion → Pressing and sealing the tail, marking → Resetting → Shearing → Finished product discharge (plastic tube).

2. Tube container (hose container) → Automatic tube loading → Marking and positioning → Filling → Flattening the tail → First 180-degree fold → Second 180-degree fold → Saddle fold → Marking → Finished product discharge (metal tube).

Optional configurations:

1. Replacement of diameter tube components

2. Double-layer temperature-controlled material hopper

3. Dual material mixing

4. Automatic feeding machine

Specification:

Model	DJNF-80-1R	DJNF-80-1L
Power supply	Plastic pipes, composite pipes	Metal tubes, aluminum tubes
Hose material	Three-phase five-wire 220/380V,50/60hz	Three-phase five-wire 220/380V,50/60hz
Power	3.8KW	3.8KW
Filling accuracy	≤ ± 0.5-1%	≤ ± 0.5-1%
Design speed	100pcs/min	100pcs/min
Production speed	65-70pcs/min	65-70pcs/min
Filling range	3-250	3-250
Hose diameter	Φ12- ϕ50mm	Φ12- ϕ38mm
Hose length	60-230mm	60-230mm
Print code	2*3mm (8-digit number)	2*3mm (8-digit number)
Sealing method	Hot melt linear or irregular shape	Saddle-shaped fold, others
Hopper capacity	60L	60L
Sleeve Cup Holder	12pcs	12pcs
Machine weight	(About)810kg	(About)810kg
Machine size	1550*1350*1800mm	1550*1350*1800mm
Air supply	0.6-0.7MPA ≥7.5kw 200L	0.6-0.7MPA ≥7.5kw 200L

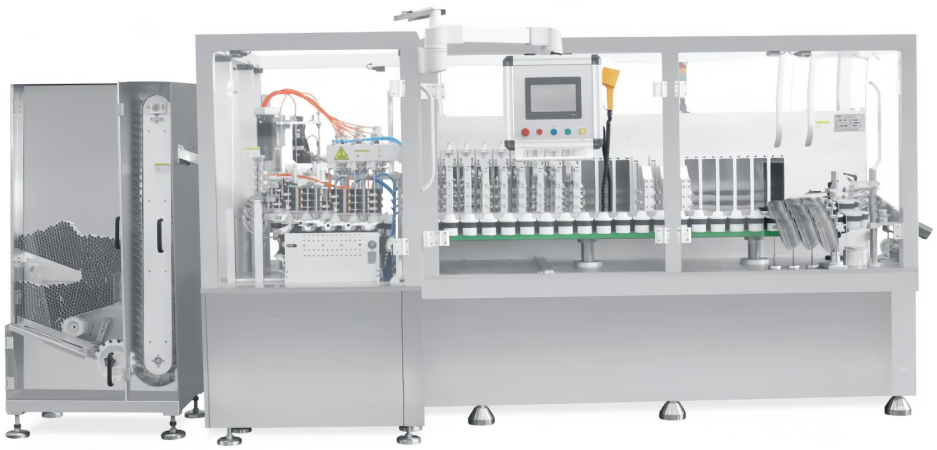
Configuration List:

Name	Brand	Origin
Touch screen	Kunlun Tongtai	China
PLC	Siemens	Germany
Frequency converter	Huichuan	China
Switching power supply	Ming wei	Taiwan
Cylinder	SMC	Japan
Solenoid valve	SMC	Japan
Relay	Schneider	France
Encoder	Omron	Japan
Proximity switch	Omron	Japan
Photoelectric sensor (color mark detection)	Panasonic	Japan
Drive motor	Li ming	Taiwan
Servo motor	hui chuan	China

Heater	Leister	Switzerland
Cutter	Chaoshun	China
Contactor	Schneider	France
Chiller	Angus	HK China

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DJSF-80-2 Double-head filling and sealing machine



Key Features

1. The DJSF-80-2 hose filling and sealing machine is a fully automatic dual-station filling machine. The aluminum hose and aluminum-plastic hose sealing stations can be switched via a touchscreen. It has 40 sets of hose cups and adopts advanced foreign transmission technology combined with a unique main drive system designed for domestic conditions. The system includes: 1 main motor, 1 hose cup drive, 1 hose cup lifting and adjustment, 2 hose feeding, 1 hose cleaning and inspection lifting, 2 sealing lifting, 2 filling, 1 filling lifting, 1 rotary valve, 2 color marks, 1 waste hose removal, and 1 discharge. It uses a Siemens servo motion control system. The cams are made of forged steel to ensure durability. It employs the world's most advanced servo drive technology, using Siemens servo motors, Siemens PLC communication programming, and touchscreen operation, ensuring high-speed, stable, and reliable machine operation for more accurate filling.

2. To meet GMP requirements, wear-resistant sliding bearings are used above the worktable, eliminating the need for lubrication and reducing contamination. A Siemens servo control system is used for stable and reliable machine operation. A ceramic pump is used to prevent leakage during filling. The machine features an advanced structure and configuration, equipped with an automatic fault alarm and Chinese display, and is easy to operate, maintain, and clean. It can be used as a standalone machine or integrated with our fully automatic cartoning machine and fully automatic transparent film 3D packaging machine to form a production line.

3. Workflow:

1. Tube compartment (tube container) → Automatic tube loading → Labeling and positioning → Tube internal cleaning (optional) → Filling → Tail heat sealing → Pressing and sealing, coding → Resetting → Cutting → Finished product discharge (plastic tube).

2. Tube compartment (tube container) → Automatic tube loading → Labeling and positioning → Filling → Flattening tail → First 180-degree fold → Second 180-degree fold → Saddle fold → Coding → Finished product discharge (metal tube). Optional Configurations:

1. Replacement of diameter tube components

2. Double-layer temperature-controlled material hopper

3. Dual material mixing

4. Specification:

Model	DJSF-80-2R	DJSF-80-2L
Hose material	Plastic pipes, composite pipes	Metal tubes, aluminum tubes
Power supply	Three-phase five-wire 220/380V,50/60hz	Three-phase five-wire 220/380V,50/60hz
Power	13KW	13KW
Filling accuracy	≤ ± 0.5%	≤ ± 0.5%
Design speed	170pcs/min	170pcs/min
Production speed	130-150pcs/min	130-150pcs/min
Filling range	3-250ml	3-250ml
Hose diameter	Φ12-ϕ50mm	Φ12-ϕ38mm
Hose length	60-230mm	60-230mm
Print code	2*3mm (8-digit number)	2*3mm (8-digit number)
Sealing method	Hot melt linear or irregular shape	Saddle-shaped fold, others
Hopper capacity	60L	60L
Sleeve Cup Holder	40pcs	40pcs
Machine weight	(About)2850kg	(About)2850kg
Machine size	(About)2870*1770*2340mm	(About)2870*1770*2340mm
Air supply	0.6-0.7MPA ≥7.5kw 200L	0.6-0.7MPA ≥7.5kw 200L

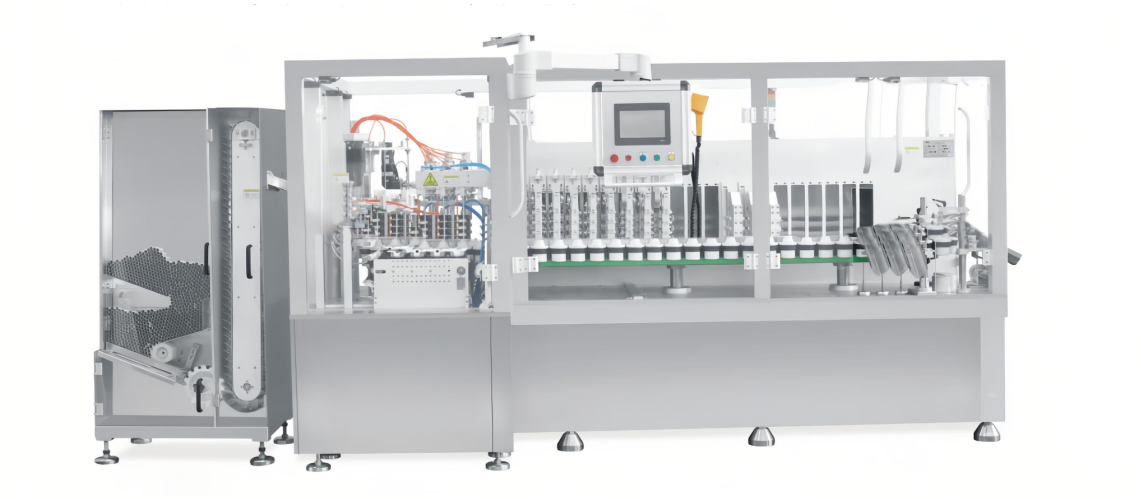
Configuration List:

Name	**Brand**	**Origin**
Machine protection structure	304 Stainless steel	China
P L C	Siemens	Germany
Frequency converter	Siemens	Germany
Touch screen	Siemens	Germany

Encoder	Omron	Japan
Heater	Leister	Switzerland
Thermostat	Omron	japan
Color mark sensor	Panasonic	Japan
Air pressure protector	AirTac	Taiwan
Reducer Gear motor	Li ming	Taiwan
Servo motor	Siemens	Germany
Air protection device	SMC	Japan
Cylinder	AirTac	Taiwan
Air interruption switch	Schneider	France
Emergency stop switch	Schneider	France
Solenoid valve	SMC	Japan
Power switch	Schneider	France
Power lock	Schneider	France
Power indicator	Schneider	France
Proximity switch	SICK	Germany
AC contactor	Schneider	France
Air filter	SMC	Japan
Vacuum generator	SMC	Japan
Material contact parts	304/316L Stainless steel	China
Chiller	Angus	HK CHina

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DJSF-80-3 Three-head filling and sealing machine



Key Features

1. The DJSF-80-3 hose filling and sealing machine is a fully automatic three-station filling machine. The sealing stations for aluminum tubes and aluminum-plastic tubes can be switched via a touchscreen. It has 60 sets of tube cups and adopts advanced foreign transmission technology combined with a unique main drive system designed for domestic conditions. The system includes: 1 main motor, 1 tube cup drive, 1 tube cup lifting and adjustment, 2 hose feeding, 1 hose cleaning and inspection lifting, 2 sealing lifting, 3 filling, 1 filling lifting, 1 rotary valve, 3 color marks, 1 waste tube rejection, and 1 discharge. It uses a Siemens servo motion control system. The cams are made of forged steel to ensure durability. It employs the world's most advanced servo drive technology, using Siemens servo motors, Siemens PLC communication programming, and touchscreen operation, ensuring high-speed, stable, and reliable machine operation for more accurate filling.

2. To meet GMP requirements, wear-resistant sliding bearings are used above the worktable, eliminating the need for lubrication and reducing contamination. A Siemens servo control system is used for stable and reliable machine operation. A ceramic pump is used to prevent leakage during filling. The machine features an advanced structure and configuration, equipped with an automatic fault alarm and Chinese display, and is easy to operate, maintain, and clean. It can be used as a standalone machine or integrated with our fully automatic cartoning machine and fully automatic transparent film 3D packaging machine to form a production line.

3. Workflow:

1. Tube compartment (tube container) → Automatic tube loading → Labeling and positioning → Tube internal cleaning (optional) → Filling → Tail heat sealing → Pressing and sealing, coding → Resetting → Cutting → Finished product discharge (plastic tube).

2. Tube compartment (tube container) → Automatic tube loading → Labeling and positioning → Filling → Flattening tail → First 180-degree fold → Second 180-degree fold → Saddle fold → Coding → Finished product discharge (metal tube). Optional Configurations:

1. Replacement of diameter tube components

2. Double-layer temperature-controlled material hopper

3. Dual material mixing

Specification:

Model	DJSF-80-3R	DJSF-80-3L
Hose material	Plastic pipes, composite pipes	Metal tubes, aluminum tubes
Motor	Three-phase five-wire 220/380V,50/60hz	Three-phase five-wire 220/380V,50/60hz
Power	20KW	20KW
Filling accuracy	≤ ± 0.5%	≤ ± 0.5%
Design speed	260pcs/min	260pcs/min
Production speed	200-220pcs/min	200-220pcs/min
Filling range	3-250ml	3-250ml
Hose diameter	Φ12- ϕ50mm	Φ12- ϕ38mm
Hose length	60-230mm	60-230mm
Print code	2*3mm (8-digit)	2*3mm (8-digit)
Sealing method	Hot melt linear or irregular shape	Saddle-shaped fold, others
Hopper capacity	60L	60L
Sleeve Cup Holder	60pcs	60pcs
Machine weight	(About)3260kg	(About)3260kg
Machine size	(About)3360*1770*2340mm	(About)3360*1770*2340mm
Air supply	0.6-0.7MPA ≥7.5kw 200L	0.6-0.7MPA ≥7.5kw 200L

Configuration List:

Name	Brand	Origin
Machine protection structure	304 Stainless steel	China
P L C	Siemens	Germany
Frequency converter	Siemens	Germany
Touch screen	Siemens	Germany
Encoder	Omron	Japan
Heater	Leister	Switzerland
Thermostat	Omron	Japan
Color mark sensor	Panasonic	Japan
Air pressure protector	AirTac	Taiwan
Reducer motor	Li Ming	Taiwan
Servo motor	Siemens	Germany
Air protection device	SMC	Japan
Cylinder	AirTac	Taiwan
Air interruption switch	Schneider	France
Emergency stop switch	Schneider	France
Solenoid valve	SMC	Japan
Power switch	Schneider	France
Power lock	Schneider	France
Power indicator	Schneider	France
Proximity switch	SICK	Germany
AC contactor	Schneider	France
Air filter	SMC	Japan
Vacuum generator	SMC	Japan
Material contact parts	304/316L stainless steel	China
Chiller	Angus	HK China

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DJDC-200 Chain-type hose lifting machine



Specification:

Model	DJDC-200
Motor	Three-phase five-wire 220/380V,50/60hz
Power	0.75KW
Design speed	260pcs/min
Supply speed	500-240pcs/min
Hose diameter	Φ13-ϕ50mm
Hose length	75-230mm
Machine size	1220x716x2080mm
Machine weight	(About)500kg

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DJCP-20-9 Secondary filling and sealing machine



Key Features:

The DJCP-20-9 fully automatic single-shot tube filling and sealing machine is a newly upgraded automatic filling and sealing machine developed by our company based on years of experience in designing and manufacturing sealing machines. Utilizing a Swiss-technology cam indexing mechanism, it drives a turntable equipped with clamps in intermittent motion to complete a series of functions including high-precision filling, heat-sealing, and edge trimming. The filling measurement is accurate and adjustable, and the sealing appearance is beautiful, neat, secure, and hygienic. The edges are trimmed evenly. The machine has 9 workstations, operates smoothly and reliably, and produces no noise or other pollution. All parts that come into contact with materials and certain related parts are made of high-quality 316 stainless steel. Parts requiring cleaning are equipped with quick-change devices for easy disassembly and cleaning. This machine is suitable for materials using multi-row tubes or single-shot tubes as packaging materials. It is the best product for the cosmetics, pharmaceutical, chemical, and other related industries.

Specification

Model	DJCP-20-9
Motor	220V/380V,50/60hz
Filling volume	Ceramic pump 0.1-20ml; peristaltic pump 1-20ml
Power	4KW
Filling accuracy	≤ ± 0.1%
Design speed	20pcs/min

Production speed	10-15 roll/min
Filling range	1-20ml (Customizable)
Applicable hoses	5-pipe array (customizable)
Filling materials	Viscosity below 15000 cps
Sealing method	Hot melt linear or irregular shape
Machine weight	(About)710kg
Machine size	(About)1600*1050*1920mm
Air supply	0.6-0.8MPA ≥7.5kw 200L

Configuration List

Name	Brand	Origin
Touch screen	Siemens	Germany
PLC	Taida	Taiwan
Frequency converter	Taida	Taiwan
Switching power supply	Ming wei	Taiwan
Cylinder	SMC	Japan
Solenoid valve	SMC	Japan
Relay	Schneider	France
Encoder	Omron	Japan
Proximity switch	Omron	Japan
Photoelectric sensor (color mark detection)	Panasonic	Japan
Drive motor	Li ming	Taiwan
Heater	Leister	Switzerland
Cutter	Chaoshun	China
Contactor	Schneider	France
Material contact parts	304/316L Stainless steel	China
Chiller	Angus	HK China

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DJX-40-2 Small-dose filling production line



Key Features

This machine is suitable for filling eye drops/e-liquid into round or flat plastic or glass bottles of various materials. It features a high-precision cam indexing mechanism for indexing, dividing, and positioning of the stopper and cap, a peristaltic pump for metering and filling, and touchscreen control. It operates on a no-bottle-no-fill basis, offering advantages such as accurate positioning, smooth transmission, bottle cap protection, accurate metering, and simple operation.

This production line consists of a fully automatic bottle unscrambler, an eye drop filling, capping, and capping machine, a vision inspection unit, a checkweigher, a labeling machine, and a cartoning machine. It can complete bottle unscrambling, filling, capping, inspection, weighing, labeling, and cartoning processes. It is mainly used for the integrated production of eye drops and other small-dose solutions, but can also be used independently.

1. Human-machine interface settings, intuitive and convenient operation, PLC control.
2. Variable frequency control, adjustable production speed, automatic counting.
3. Automatic stop function, no-bottle-no-fill.
4. Disc positioning filling, stable and reliable.
5. High-precision cam indexing control.
6. Reasonable design, stable operation, high filling accuracy, meeting domestic industry standards and GMP requirements.

7. Human-machine interface control, peristaltic pump filling, no filling without a bottle, no capping without a stopper, and automatic stop function when there is no bottle or stopper.

Specification:

Model	DJG-40-2
Power supply	220V,50/60hz
Packaging material	Round or flat plastic or glass bottles
Power	3KW
Filling accuracy	≤ ± 0.1%
Design speed	45pcs/min
Production speed	35-40pcs/min (Single group)
Filling range	3-50ml (Customizable)
Applicable bottle diameter	Φ10-φ30mm (Customizable)
Pipe length	30-110mm
Bottle breakage rate	≤0.1%
Hopper capacity	40L
Machine weight	(About)560kg
Machine size	(About)1550*1150*1800mm
Air supply	0.6-0.7MPA ≥7.5kw 200L

Configuration List:

Name	Brand	Origin
Touch screen	Kunlun Tongtai	China
PLC	Tai da	Taiwan
Switching power supply	Ming wei	Taiwan
Frequency converter	Gui chun	China
Cylinder	AirTac	Taiwan
Solenoid valve	AirTac	Taiwan
Servo motor	Huichuan	China
Relay	Schneider	France
Encoder	Ottoniks	Korea
Optical amplifier	Ottoniks	Korea
Photoelectric sensor	Sik	Germany
Stepper motor	Lei sai	China
Contactor	Schneider	France

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DJM-40-2 Filling and capping machine



Key Features

This machine is designed for pharmaceutical filling and capping processes. It can complete bottle handling, bottle conveying, quantitative filling, capping, and corking. All parts in contact with the medication are made of stainless steel or PTFE. It features no-bottle-no-fill, no-cork-no-fill, and stepless speed regulation.

It is mainly used for filling small-dose tinctures and syrups in pharmaceutical factories. It is a key component of oral liquid washing, drying, filling, and capping integrated units, and can be used in a production line or as a standalone unit. The filling section uses a ratchet mechanism, and the metering filling uses a plunger pump and a flanged piston. This machine is currently one of the highest-capacity filling and capping machines in China and can replace similar foreign equipment. All parts in contact with the medication are made of stainless steel or non-toxic, corrosion-resistant materials, meeting GMP requirements.

Specification:

Model	DJM-40-2
Power supply	220/380V,50/60hz
Power	1.5KW
Bottle breakage rate	≤0.1%
Filling accuracy	± -1%

Suitable for bottle size	10-30ml （Customizable）
Production speed	35-40pcs/min （Customizable）
Components that come into contact with the bottle	316L # Stainless steel and some nylon 1010 #
Roll-on method	Rotary cap
Machine weight	(About)550kg
Machine size	(About)2600*1600*1650mm
Air supply	0.6-0.7MPA ≥7.5kw 200L

Configuration List:

Name	Brand	Origin
Touch screen	Kunlun Tongtai	China
PLC	Taida	Taiwan
Switching power supply	Ming wei	Taiwan
Frequency converter	Hui chun	China
Cylinder	AirTac	Taiwan
Solenoid valve	AirTac	Taiwan
Servo motor	Hui chun	China
Relay	Schneider	France
Encoder	Ottoniks	Korea
Optical amplifier	Ottoniks	Korea
Photoelectric sensor	Sik	Germany
Stepper motor	Lei sai	China
Contactor	Schneider	France

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DJZR-35-4 Fully automatic vacuum capping machine



Key Features:

This vacuum capping machine is suitable for steam venting (vacuuming) and sealing of various shapes and sizes of screw-on glass bottles. It adopts frequency conversion speed regulation, steam jet venting, and a mechanical capping mechanism. It is fully functional and highly automated, suitable for vacuum sealing of four- and three-twist caps on various condiments, pickles, fermented bean curd, juices, granulated sauces, etc. By changing the capping mechanism, this machine can also be used for various pressure caps (PT caps). The quality of all glass bottles sealed by this machine can be checked via the vacuum button on the cap. The caps are easy to open and can be sealed multiple times, making it one of the world's most popular food packaging styles.

Product Application: Suitable for steam venting (vacuuming) and sealing of various shapes and sizes of screw-on glass bottles (optional automatic filling machine can be added to the front end).

Machine Process Flow:
Turn on vacuum pump → Start machine (vacuum pressure setting) → Convey bottle → Capping → Push bottle, capping → Vacuum chamber close → Bottle → Vacuuming → Capping → Bottle exit

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Specification:

Model	DJZR-35-4
Power supply	220/380V,50/60hz
Power	1.5KW
Bottle breakage rate	≤0.1%
Filling accuracy	± -1%
Suitable for bottle size	Customized according to samples
Production speed	20-40pcs/min （Customizable）
Machine weight	(About)550kg
Machine size	(About)2600*1600*1650mm
Vacuum negative pressure	0.3-0.7MPA
Air supply	0.6-0.7MPA ≥7.5kw 200L

Configuration List:

Name	Brand	Origin
Touch screen	Kunlun dongtai	China
PLC	Taida	Taiwan
Switching power supply	Taida	Taiwan
Frequency converter	Hui chuan	China
Cylinder	AirTac	Taiwan
Solenoid valve	AirTac	Taiwan
Servo motor	huichuan	China
Relay	Schneider	France
Encoder	Ottoniks	Korea
Optical amplifier	Ottoniks	Korea
Photoelectric sensor	Sik	Germany
Stepper motor	Leisai	China
Contactor	Schneider	France

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DJRP-230 High-speed cartoning machine



Key Features:

1. The DJRP-230 cartoning machine is one of our high-speed cartoning models, integrating carton opening, filling, folding, and sealing. It features a compact and rational design, full servo drive, and upper and lower suction cup opening. It can automatically adjust the length, width, and height of the cartons, making operation simple and maintenance convenient.
2. It can add materials at the front and rear of the machine, automatically feed materials, automatically unload materials, print instruction manuals, serial numbers, and reject defective products.
3. Within the specified range of the same machine, multiple specifications can be quickly adjusted via the dial scale.
4. Parts in contact with the product are made of SUS304 stainless steel.
5. High degree of automation: It adopts a PLC programmable control system, and the human-machine interface displays cartoning speed, quantity, automatic alarm for out-of-carton, no-open-without-product, and fault causes, etc.
6. Transmission and friction parts are strictly manufactured according to standards, resulting in less wear and tear and fewer replacement parts.
7. A hot melt glue machine can be selected according to customer requirements, using hot melt glue spray sealing and mechanical glue brush sealing.
8. This equipment can be used independently or connected to other equipment, such as material handling machines, robotic arms, 3D packaging machines, pillow packaging machines, vertical bag packaging machines, assembly machines, automatic filling machines, labeling machines, inkjet printers, and other types of machinery, for coordinated operation.

Coordinated Operation: It can be used as a standalone unit or connected to front-end equipment (such as mask making machines, multi-row packaging machines, pillow packaging machines, sealing machines, bottling machines, robotic arms, etc.) and back-end equipment (such as case packing machines, 3D cigarette packaging machines, sealing and shrink wrapping machines, robotic arms, etc.) to form a production line.

Specification:

Model	DJRP-230
Power supply	380V,50/60hz
Power	5KW
Compatible with cardboard box sizes	Length 70-200mm, Width 30-80mm, Height 20-60mm (customizable)
Paper requirements	Best suited for paper materials: >350 g/m², with a crease of at least 0.4 mm, and pre-folded.
Material and cardboard box gap requirements	One-sided gap between material and cardboard box>1mm
Design speed	230pcs/min
Production speed	120-200pcs/min
Box opening format	Multi-head rotary box opener
Push form	Continuous double-rod cam pusher
Machine weight	(About)1800kg
Machine size	(About)L4600*W1780*H1950mm
Air supply	0.6-0.7MPA ⩾7.5kw 200L

Configuration List:

Name	Brand	Origin
Touch screen	Kunlun Tongtai	China
PLC	Taida	Taiwan
Switching power supply	Mingwei	Taiwan
Cylinder	AirTac	Taiwan
Solenoid valve	AirTac	Taiwan
Relay	Schneider	France
Gear motor	Taibang	China
Servo motor	Xinjie	China
Frequency converter	Xinjie	China
Contactor	Schneider	France

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DJPQ-450 3D Packaging Machine



Key Features:

1. The DJFQ-450 transparent film 3D packaging machine can automatically feed, wrap, fold, side seal, end seal, shape, count, and automatically attach anti-counterfeiting pull lines for single boxes and multiple boxes. It also features specification memory, automatic track adjustment, and surface and spot heat sealing functions.

This machine is widely applicable to the transparent film 3D packaging of various square single or multiple (collected) items in the pharmaceutical, cosmetic, health product, and food industries. It can automatically feed, wrap, fold, heat seal, count, and attach unsealing pull lines.

2. This machine is a carefully designed and modified version based on the absorption and assimilation of advanced foreign equipment. It has a compact structure, is easy to operate and maintain. Different specifications of products can be packaged by changing a few parts. It is suitable for packaging large box-shaped products and can automatically stack and package multiple single boxes (replacing collection-type heat shrink packaging machines), as well as products requiring photoelectric tracking, such as cigarette cartons, tea, boxed chewing gum, pharmaceuticals, cosmetics, and health products.

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Specification:

Model	DJFQ-450
Power supply	380V,50/60hz
Power	7.5KW
Packing size	L50-300mm W40-220mm H20-100mm (The size cannot be the maximum or minimum value.)
Suitable packaging materials	0.018mm-0.03mm BOPPDouble-sided heat-sealable film, outer diameter ϕ320mm, inner diameter ϕ70mm
Production speed	20-50 Boxes/ minute (depending on product size)
Machine weight	(About)750kg
Conveyer size	(About)1550*280*830mm
Machine size	(About)2300*900*1750mm
Air supply	0.6-0.7MPA ≥7.5kw 200L

Configuration List:

Name	Brand	Origin
Touch screen	Kunlun Tongtai	China
PLC	Xin jie	China
Switching power supply	Ming wei	Taiwan
Temperature control module	Taida	Taiwan
Cylinder	AirTac	Taiwan
Solenoid valve	AirTac	Taiwan
Relay	Schneider	France
Photoelectric sensor	Omron	Japan
Solid-state relay	Omron	Japan
Conveyor motor	Taibang	China
Main servo motor	Xin jie	China
Frequency converter	Xin jie	China
Contactor	Schneider	France

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DJG-590 Servo high-speed heat shrink packaging machine



Key Features:

This machine is simple to operate, reliable, and stable in performance. It features variable frequency speed control and stepless speed regulation. The entire machine is centrally controlled by a PLC, reducing potential failure points. The heat shrink oven has a high-efficiency dual-temperature zone, stepless speed regulation, and automatic temperature control. High-efficiency hot air circulation ensures shrinkage quality.

Performance Characteristics:

1. A color touchscreen control system driven by three servo motors ensures convenient operation, high stability, high packaging efficiency, and a low failure rate. Bag length, speed, and temperature can all be adjusted independently for convenient and accurate operation.
2. An anti-cut safety clutch device prevents damage to the packaged goods.
3. High-sensitivity photoelectric eye color mark tracking and mathematical input of the sealing and cutting position ensure more accurate sealing and cutting.
4. Independent PID temperature control better suits various wrapping materials.
5. Positioning stop function prevents knife sticking and waste of wrapping film.
6. Automatic reverse rotation upon cutting the product; easy restart after simple operation.
7. Can be equipped with a coding machine or inkjet printer, eliminating the need for manual operation.

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Specification:

Max Flim size		≤590mm		
Model		120	150	180
Packing size	L	L:60mm-320mm	L:100mm-450mm	L:150mm-530mm
	W	w:10mm-200mm	w:10mm-200mm	w:10mm-200mm
	H	H:5mm-35mm	H:35mm-70mm	H:65mm-100mm
Packing speed		30-150（bag/min）	30-150（bag/min）	30-135（bag/min）
Flim type		POF film		
Rated Power		Packing machine：4.75KW, Shrinking machine : 13.5KW		
Power supply		Packing machine: 220V,50HZ/60HZ; Shrinking machine: 380V，50HZ/60HZ		
Apcking Machine size		5000x1390x1500mm		
Shrinking machine size		Outer size：2600x800x1650mm		Inner size：2300*400*230mm
Machine Weight		Packing machine: 760KG		Shrinking machine：380KG

Configuration List:

Name	Brand	Origin
Touch screen	Fanyi	China
PLC	Xinjie	China
Temperature controller	Yatai	China
Solid-state relay	Turtle Brand	China
Relay	Omron	Japan
Photoelectric sensor	Omron	Japan
Heating element	Xinrejia	China
Conveyor motor	Maili	China
Main servo motor	Xinjie	China
Frequency converter	Xinjie	China
Contactor	Chint	China

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DJCZ-5545+HK5030 Vertical L-shaped shrink packaging machine



Key Features:

1. Sealing blade coated with American Teflon, the coating is non-stick and high-temperature resistant. The seal will not crack, char, or smoke.
2. Uses an imported digital display temperature controller for precise control and easy adjustment.
3. Two sets of imported photoelectric sensors ensure precise control and easy operation.
4. Specially designed perforation needle device fully removes air from the membrane.
5. Automatic feeding and receiving, easy to operate.

Specification:

Model	DJCZ-5545	HK-5030
Power supply	220V,50/60hz	Three-phase five-wire 380V,50/60hz
Power	1.5KW	16KW
Packing speed	0-40 bag/min	2500-3500pcs/Hour
Applicable size	L+H≤500m,W+H≤380mm,H≤180mm	L500 × W400 × H250mm
Film type	POF	POF、PVC
Machine weight	(About)350kg	(About)360kg
Machine size	(About)1750*1050*1450mm	(About)1800*1000*1350mm
Air supply	0.6-0.7MPA ≥7.5kw 200L	

Configuration List:

Name	Brand	Origin
Touch screen	Kunlun Tongtai	China
PLC	Taida	Taiwan
Temperature controller	Yatai	China
Relay	Omron	Japan
Photoelectric sensor	Omron	Japan
Micro switch	Omron	Japan
Heating element	Xinrejia	China
Motor	Taibang	China
Cylinder	AirTac	Taiwan
Solenoid valve	AirTac	Taiwan
Power switch	Ming wei	Taiwan

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Fully automatic bottle unscrambler



Specification:

Model	BL-80
Power supply	220V,50/60hz
Power	0.5KW
Applicable bottle type	PET plastic bottles
Applicable bottle diameter	ϕ15-ϕ30mm (Customized)
Bottle sorting speed	60-100p/min
Turntable diameter	ϕ450-ϕ700mm
Material: Stainless steel	Dial dial made of nylon or stainless steel (custom-made)
Turntable speed	No speed regulation
Machine weight	(About) 300kg
Machine size	(About)1470*1200*1500mm

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Rotary bottle unscrambler



Specification:

Model	BL-60
Power supply	220V,50/60hz
Power	0.2KW
Applicable bottle type	Upright bottle type
Applicable bottle diameter	Φ20-ϕ50mm (customized)
Bottle sorting speed	60-100p/min
Turntable diameter	Φ700-ϕ900mm
Material: Stainless steel	Dial dial made of nylon or stainless steel (custom-made)
Turntable speed	Adjustable speed
Machine weight	(About) 110kg
Machine size	(About)800*1100*1160mm