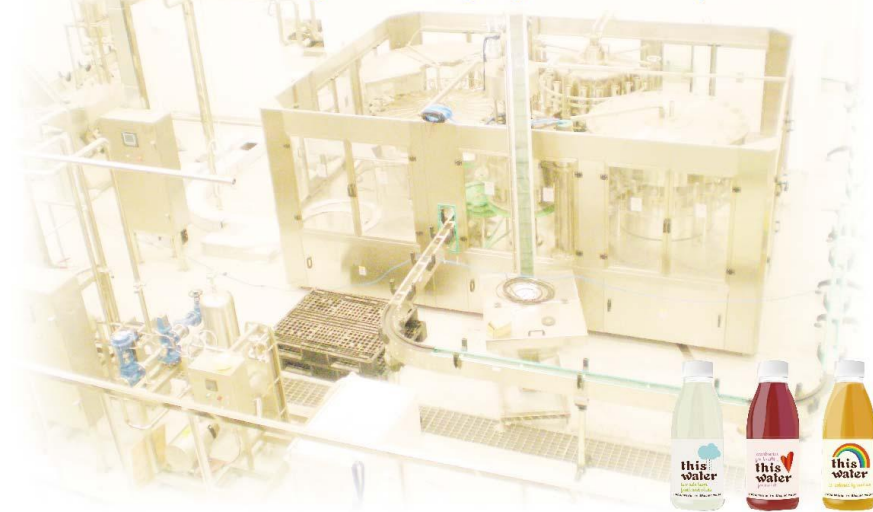




东方久信集团

上海久信机电设备制造有限公司
SHANGHAI JOYSUN MACHINERY & ELECTRIC
EQUIPMENT MANUFACTURE CO., LTD.

Beverage Packaging Machinery Series



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Video on Youtube

COMPANY PROFILE



Head Office

Shanghai Joysun Machinery & Electric Equipment Manufacture Co., Ltd. subordinated to the Joysun group, is a high-tech enterprise in Shanghai. The corporation is located in east Zhangjiang Hi-tech Industry Garden, Pudong New Area, and has a branch in Dubai.

Joysun staffs are deeply convinced that the enterprise is a boat, while the quality of product is the helm. Since its establishment in 1995, all Joysun staffs have been regarding the quality of product as important as life, and so devoted to research and development of plastic processing machinery, universal equipments and integral water or beverage project solutions, including the water pretreatment, raw material pretreatment, pet preform injection molding, bottle blowing, filling and finishing packing. They work at every product with great care, strict quality control and excellent after-sales service, thus winning the universal praise from customers in Middle East, Africa, Asia, the America and Europe as well.

Joysun staffs also know that self-complacence is backward and will be undoubtedly eliminated by the ever-changing market. Therefore, the corporation invests a lot to the innovation of product every year to meet the demands of various customers with the latest products.

With geographical superiority of Shanghai and the hard work of its people, Joysun will be more practical and never stop its innovation to create a better future!



Show Room



Factory

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Joysun Project



Joysun is mainly engaged in providing engineering design, technological formulation, technical consultation, turn-key project services for new construction or expansion projects.

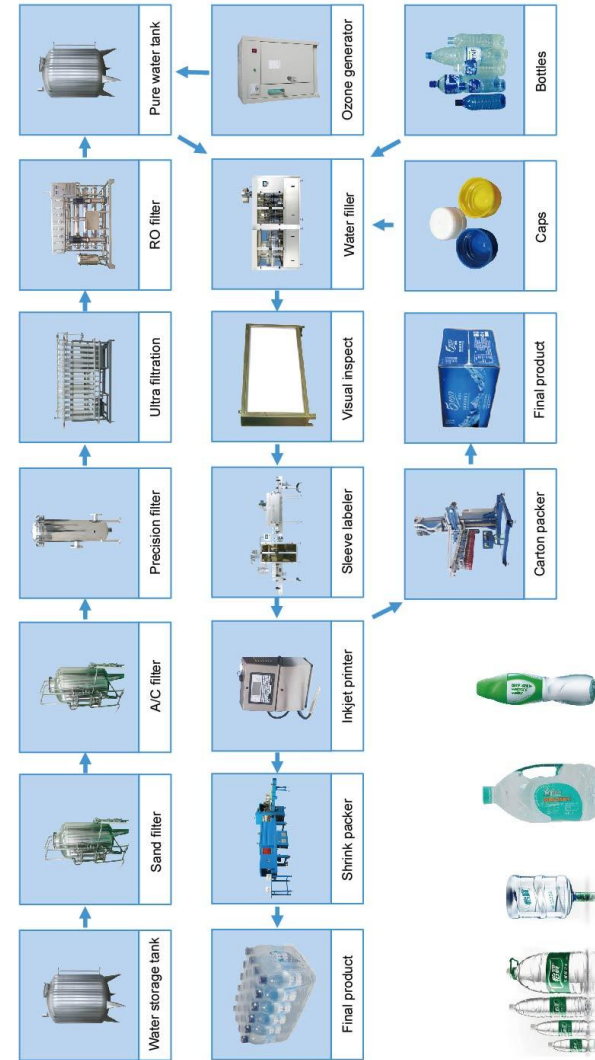
The main turn-key project products of the company include: 5 gallon water line, pure water filling production lines, tea/juice filling production lines and carbonated soft drinking filling production lines, etc.

Till now, Joysun products has spread all over the world. We will meet customer demands through our high quality products, favorable price and good after services.



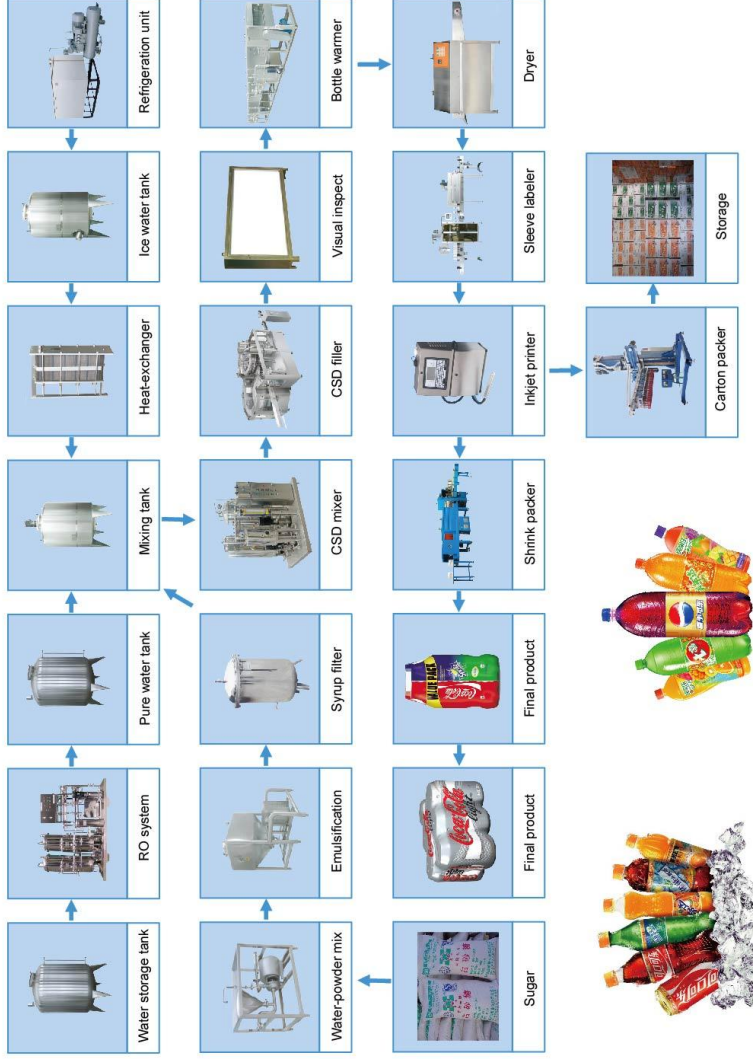
Filling line diagram

Pure (Mineral) Water Processing Flow Sheet

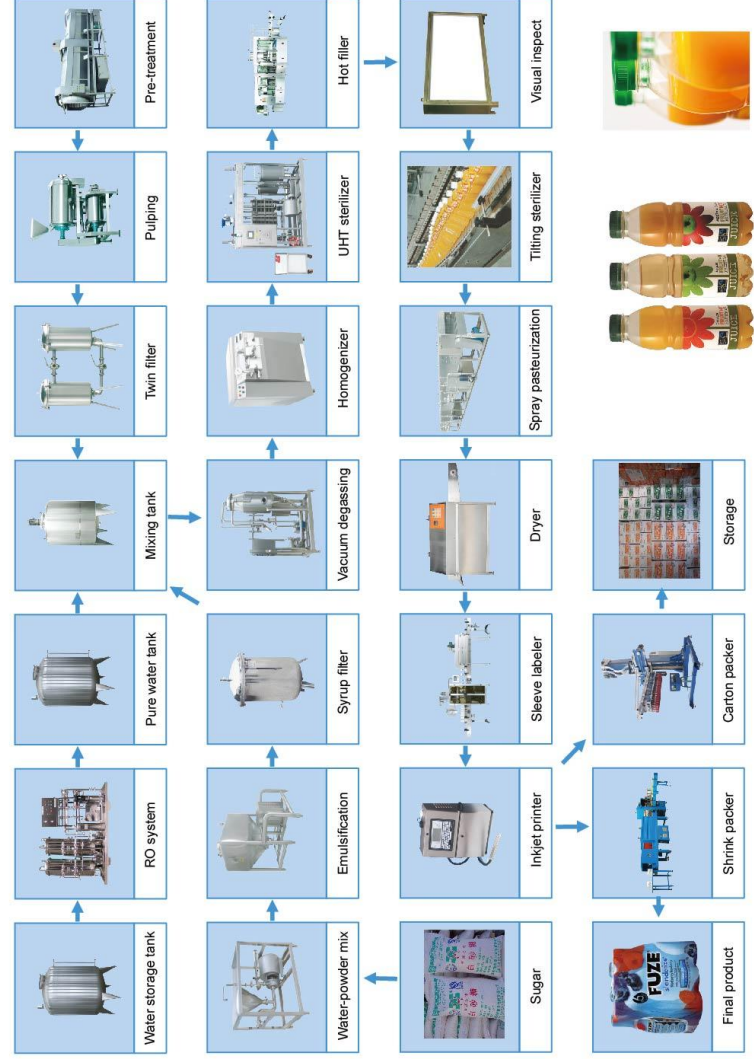


Filling line diagram

Carbonated Drinks Processing Flow Sheet



Fruit juice/Tea Processing Flow Sheet



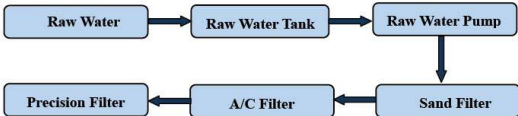
Water Treatment System

JWT Serie water treatment system is widely used in drinking water, beverage, food, chemical industry, electroplating, pharmaceutical processing water fields, etc. The capacity range is from 1T/H to 100T/H.

Pre-Treatment & Sterilization System

Pre-treatment system generally contains pumps, dosing devices, sand filters, activated carbon filter, precision filter and so on. Its main role is to reduce the raw water pollution index and residual chlorine in order to achieve the RO water requirement. Device configuration of the pre-treatment system should be based on the specific circumstances of raw water.

(Pre-treatment Step)



Water tank



Sand filter



A/C filter



Precision filter



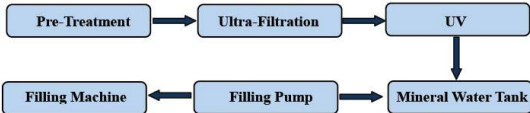
Ozone generator



UV Sterilizer

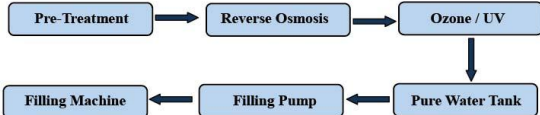
Mineral Water System (UF)

Principle: UF(Ultra-filtration) is a separation technology of lamination, that means a certain pressure will keep the solute molecules at one side of the lamination, so that purify the material. Water UF can remove the rubber particles, germs, virus, heat resource, protein and high polymer organic matter. It can be used separately to make process using water and drinking water, and also can function as anti-filtration water inputting pre-treatment, and the precision end process of high pure water. The UF technology is easily to be applied and the cost is low. Meanwhile, it doesn't need any chemical reagents.



Pure Water Treatment System (RO)

Principle: Reverse Osmosis (RO) technology is the use of differential pressure gauge driven membrane filtration technology. The pore size of RO membrane is only nano-scale. Under a certain pressure H2O molecules can go through the RO membrane, while the source of water, inorganic salts, heavy metal ions, organic matter, colloid, bacteria, viruses and other impurities can't pass RO membrane, thus we can separate the water. Reliable performance, environment friendly, easy to operate and maintain, and ultra-pure water output.



Accessory Equipment for Filling Line

CO2&Water Mixer

The CO2&Water Mixer is used for producing drinks mixed by syrup, water and CO2. PLC technology is adopted to control the pressure and liquid level in the vat. It's easy to operate with stable performance and high efficiency.



CO2&Water Mixer

Main Accessory Equipment For Filling Line

Model	QHS-1000	QHS-2000	QHS-3000	QHS-5000
Production Capacity (L/H)	1000	2000	3000	5000
Syrup :Water	1:3-1:10	1:3-1:10	1:3-1:10	1:3-1:10
CO2:Water	>2.5	>2.5	>2.5	>2.5
Mixing Precision (%)	<2	<2	<2	<2
Cooling Water Inlet Temperature (C)	0-4	0-4	0-4	0-4
Cooling Water Inlet Pressure(Mpa)	0.15-0.25	0.15-0.25	0.15-0.25	0.15-0.25
Syrup Inlet Temperature(C)	2-8	2-8	2-8	2-8
Syrup Inlet Pressure (Mpa)	0.1-0.2	0.1-0.2	0.1-0.2	0.1-0.2
Inlet Pressure of CO2 (Mpa)	0.7-0.8	0.7-0.8	0.7-0.8	0.7-0.8
Purity of CO2 (%)	99.9	99.9	99.9	99.9
Working Pressure of Tank (Mpa)	0.45-0.55	0.45-0.55	0.45-0.55	0.45-0.55
Motor Power (KW)	2.2	3.5	5.9	6.3
Dimension (L×W×H) (mm)	1500×1000×2000	1600×1600×2100	2150×1700×2300	2300×1850×2450
Weight ((KG))	1200	1350	1500	1950

Refrigeration System

This equipment is necessary for producing carbonated drink. It is used to chill the carbonated drink from drink mixer. The water tank is to keep the cooled drink cold.

Model	LY-1000	LY-2000	LY-3000	LY-4000
Tank Volume (m³)	1	2	3	4
Evaporation Area (㎡)	7.2	11	20	30
Refrigerating Capacity (kj/h)	33440	58520	117040	117040
Water Output (kg/h)	1000	2000	3000	4000
Output Water Temperature (C)	0-5	0-5	0-5	0-5
Power (kw)	4	7.5	15	22
Dimension(L×W×H)(mm)	1200×1200×1500	1200×1200×1500	1200×1200×1500	1200×1200×1500



Refrigeration System



Bottle Unscrambler

Bottle Unscrambler

The machine is used for PET bottle arrangement. The cluttered bottles go into the storage ring of unscrambler through lifting machine and then they will be pushed into the bottle grid and auto-located by the turntable. The bottles will be in position of neck-up by the function of turn-over machine and airflow. At last, the ordered bottles will go to next step through air conveyor system.

Model	LP-12	LP-14	LP-16	LP-18
Power (kw)	4.5	5	6	7
Air Pressure (Mpa)	0.7	0.7	0.7	0.7
Air Consumption (m³/min)	0.8	0.8	0.8	0.8
Production Capacity (bph)	8000	10000	12000	15000
Dimension(mm)	Φ1700×2200	Φ2200×2200	Φ2200×2200	Φ2400×2200

UHT Sterilizer

The sterilization process of tubular UHT Sterilizer is not only can be suitable for common products, but also can satisfy special requirements of customers for long-term production of products with granules or medium and high viscosity, such as cream, pure milk, fruit juice, etc.



UHT Sterilizer

Model	Unit	JTS-2	JTS-3	JTS-4	JTS-5
Production Capacity	T/H	2	3	4	5
Heat Exchanging Area	m²	35	45	58	72
Temperature of Material Inlet	℃	5	5	5	5
Temperature of Material Outlet	℃	25	25	25	25
Sterilizing Temperature	℃	95-137	95-137	95-137	95-137
Heat Preservation Period	second	15-4	15-4	15-4	15-4
Ice Water Consumption	multiple	3	3	3	3
Cool Water Consumption	multiple	2	2	2	2
Energy Consumption	kw	10	10	12	14
Dimension	mm	4500×1900×1880	4500×1900×1880	4500×1900×1880	6500×2000×1880

Spray Pasteurization Machine

This machine is designed and made on the basis of absorbing and digesting abroad machine. It adopts warm water to pre-heat, sterilize with recycling hot water, recycling warm water to pre-cool and cooling water to cool. It can reduce the temperature of hot filling drinks to 36-40°C, or increase the temperature of cold filling carbonated soft drink to 36-40°C. This machine can eliminate the condensed water on the external side of bottles, keep bottles clean and dry. It makes bottles easier for labeling and packing. It is with the advantage of sterilizing temperature automatic control, and adjustable sterilizing time and can be widely used in sterilizing and cooling of juice and beverage in various bottles and cans, electrolyte beverage, wine and condiments. It can be designed and made to the sterilization conditions and production provided by the customer.



Spray Pasteurization Machine

CIP System

CIP is one of the prerequisites of food or pharmacy production sanitary standards. It can remove the active mixed pollution and insoluble particles of impurity, reduce of remove the micro chemicals and heat source that pollute the productions.

Characteristic:

Flexibility and General Usage

The system can undertake single process such as acid cleaning, alkali cleaning, hot water cleaning and also can take completely automatic cleaning according to the cleaning process designed.

Economics and High Efficiency

This equipment greatly reduces the cleaning time and increase the work efficiency compared with cleaning by hand.

Safety and Reliance

Dense acid liquid and alkali liquid are in the berried acerbity pot and alkali pot. The liquid position is automatically controlled, fixed with overflow protecting system, and the unique material outlet construction can stop crystallization from the cleaning liquid to stop the pipe.

Matured PLC Controlling System

Imported qualified controlling part can keep the system operate steadily for long time, friendly interface between people and machines shortens the training time of the operators, and shows directly work condition of key parts of the machine, easily understandable interface can cooperate the operator the make the decision, and deal with the common problems, so to ensure the



CIP System

3-in-1 Water Filling Machine

Our water filling machine could either be used as pure water filling machine or mineral water filling machine. It comes with its productivity available from 3000-4000BPH.

Characteristics of water filling machine

1. This water filling machine adopts direct connection between air conveyor and in-feeding star-wheel to take the place of traditional in feeding screw and conveyor, making the bottle changing really simple.
2. Bottleneck hanging technology is adopted during the transportation of the bottle. Requiring no height adjustment, the changing of the bottle can be achieved simply by changing the arch board, star-wheel and other little nylon parts.
3. The specially designed rinser gripper of this water filling machine is made of stainless steel. It has no contact with the screw part of the bottle, thus avoiding the pollution done to the bottle neck.
4. Its rapid gravity filling valve conveys fast and accurate filling with no liquid lost
5. The splint of star-wheel adopts twist descending way to simplify the process of bottle changing.



3-in-1 Water Filling Machine

Normal Pressure 3-in-1 Water Filling Machine

Model	QGF18-12-6	QGF18-18-6	QGF24-24-8	QGF32-32-10	QGF40-40-12	QGF50-50-15	QGF80-80-20
Capacity (bph)	2000-4000	4000-8000	8000-12000	12000-14000	14000-18000	18000-24000	24000-36000
Filling volume (ml)	250-1500		300-2000				
Bottle size (mm)	D: Ø 50-Ø110			H:150-320			
Filling precision (mm)	±5	±5	±5	±5	±5	±5	±5
Rinsing water consumption(m³/h)	0.8	0.8	1.0	1.5	2.0	3.5	5
Filling water consumption(m³/h)	1.8	3.6	6	7.5	9	12	18
Air pressure (Mpa)	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Air consumption (m³/min)	0.5	0.5	0.5	0.5	0.6	1	1
Power (kw)	3.5	3.5	4	7.5	7.5	11	11
Dimension(L×W×H)(m)	2.7×1.6×2.75	2.85×1.9×2.75	3.2×2.15×3.1	3.82×3.0×3.25	4.07×3.2×3.25	4.95×3.85×3.25	7.8×5.5×3.25
Weight (kg)	2500	3000	5300	8000	10000	12000	13000

3-in-1 Hot Filling Machine

Hot Filling Machine

This hot filling machine can be used as tea filling machine or fruit juice filling machine, with its productivity available from 3000 to 36000BPH.

Benefits of Hot Filling Machine

1. This hot filling machine adopts direct connection between the air conveyor and the in-feeding star-wheel. It omits the in-feeding screw and the conveying chain, making it simple to change bottles. Newly designed bottle separating grippers are assembled to star-wheel.
2. It adopts neck hanging technology for bottle transportation. Instead of traditional star-wheel, neck hanging gripper is applied to make fast bottle changing, which requires only few parts to be adjusted.
3. This hot filling machine has stainless steel rinser grippers, which have no contact to screw part of the bottle and cause no pollution to the bottle neck.
4. High-speed filling valve are equipped with perfect CIP system and control system for easy rinse.
5. The star-wheel split adopts twist descending way for simple bottle changing. Only the arc board and star-wheel need to be changed. It can be done within 10 minutes.



3-in-1 Hot Filling Machine

Normal Pressure 3-in-1 Hot Filling Machine

Model	QGF18-12-6	QGF18-18-6	QGF24-24-8	QGF32-32-10	QGF40-40-12	QGF50-50-15	QGF80-80-20
Capacity (bph)	2000-4000	4000-8000	8000-12000	12000-14000	14000-18000	18000-24000	24000-36000
Filling volume (ml)	250-1500			300-2000			
Bottle size (mm)	D: Ø 50- Ø110			H: 150-320			
Filling precision (mm)	±5	±5	±5	±5	±5	±5	±5
Rinsing water consumption(m³/h)	0.8	0.8	1.0	1.5	2.0	3.5	5
Filling water consumption(m³/h)	1.8	3.6	6	7.5	9	12	18
Air pressure (Mpa)	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Air consumption (m³/min)	0.5	0.5	0.5	0.5	0.6	1	1
Power (kw)	3.5	3.5	4	7.5	7.5	11	11
Dimension(L×W×H)(m)	2.3×1.55×2.5	2.8×1.9×2.7	3.2×2.15×3.0	3.8×2.9×3.2	4.2×3.25×3.3	4.95×3.9×3.3	7.8×5.6×3.3
Weight (kg)	2500	3000	5300	8000	10000	12000	13000

3-in-1 Carbonated Soft Drinks Filling Machine

Carbonated drink filling machine could also be used as soft drink filling machine for filling carbonated drinks and soft drinks. It is available with its productivity ranging from 3000 to 36000BPH.

Characteristic of carbonated drink filling machine

1. Direct connection is adopted between air conveyor and in-feeding star-wheel to take the place of in-feeding screw and conveyor. This greatly simplifies the bottle changing of the drink filling machine.
2. This carbonated drink filling machine adopts neck-hanging technology for the bottle transportation. Instead of traditional star-wheel, we use necking hanging gripper for simple bottle changing. Requiring no height adjustment, only the arch board and star-wheel and other little nylon parts need to be changed.
3. Its rinser gripper is specially made of stainless steel, which is firm and durable. It has no contact to the screw parts and avoids the pollution done to the bottle neck.
4. The valve opening device is driven by cylinder, which is accurate for the flow control.
5. Star-wheel splint adopts twist descending. It is an easy way for bottle changing of this carbonated drink filling machine.



Carbonated Drink Filling Machine

Normal Pressure 3-in-1 Carbonated Soft Drinks Filling Machine

Model	QGF18-12-6	QGF18-18-6	QGF24-24-8	QGF32-32-10	QGF40-40-12	QGF50-50-15	QGF72-72-18
Capacity (bph)	2000-4000	4000-6000	6000-8000	8000-12000	12000-16000	16000-18000	18000-24000
Filling volume (ml)	250-1500			300-2000			
Bottle size (mm)	D: Ø 50- Ø110			H: 150-320			
Filling precision (mm)	±5	±5	±5	±5	±5	±5	±5
Rinsing water consumption(m³/h)	0.8	1	1.6	2	2.5	3.5	5
Air pressure (Mpa)	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Air consumption (m³/min)	1	1	1	1	1	1	1.2
Power (kw)	4	5	6.5	8.5	10	11	13
Dimension(L×W×H)(m)	2.3×1.55×2.7	2.8×2.1×2.7	3.1×2.2×2.7	4.1×2.9×3.25	4.6×2.95×2.85	5.9×4.1×2.75	6.5×4.9×2.75
Weight (kg)	2800	3500	4800	8500	10000	12000	12500

5 Gallon Barreled Water Filling Production Line



Application: This series apply to produce 3 gallon and 5 gallon water line with optional capacity from 100BPH to 2000BPH. In addition, client can figure out automatic de-capping machine, automatic leakage checker, barrel brushing machine, capping machine and thermal shrinking machine according to the client's requirement.

- Characteristic:**
1. The machine combines the functions of rinsing, filling and capping.
 2. The whole body of machine is made of stainless steel with anti-corruption and easy for rinsing.
 3. The rinsing nozzles adopt the technology of American spraying system which can be used as to both clean water rinsing and disinfectant rinsing. The disinfectant can be recycled.
 4. The main components are imported from international famous brand.
 5. With compact structure, high efficiency and stable operation, it is highly automatic equipment with machine, electricity and pneumatics in one machine.



De-capping Machine



Outer Washing Machine



5 Gallon Filling & Capping Machine

5 Gallon Barrel Filling Machine

Model	QGF-150	QGF-300	QGF-450	QGF-600	QGF-900	QGF-1200	QGF-2000
Filling heads	1	2	3	4	6	8	16
Barrel volume (L)	18.9	18.9	18.9	18.9	18.9	18.9	18.9
Barrel size (mm)	Ø 270×Ø 490	Ø 270×Ø 490	Ø 270×Ø 490	Ø 270×Ø 490	Ø 270×Ø 490	Ø 270×Ø 490	Ø 270×Ø 490
Production capacity (bph)	150	300	450	600	900	1200	2000
Air pressure (Mpa)	0.5	0.5	0.5	0.5	0.5	0.6	0.6
Air consumption (m³/min)	0.3	0.4	0.5	0.5	0.8	1.2	1.2
Power (kw)	3.8	6.5	7.5	7.5	10	14	15
Dimension (L×W×H)(m)	4.7×1.4×1.7	5.1×2.5×2.2	6.6×3.5×2.2	6.6×4.5×2.2	6.6×5.0×2.2	2.8×2.4×2.7	2.9×3.5×2.7
Weight (kg)	1000	1750	2200	2500	2800	3100	4000

ZG Series Linear Liquid Filling Machine

ZG series liquid filling machine adopts linear filling forms which is more flexible for round bottle, square bottle, flat bottle, etc. The machine is easy to wash and all use the stainless steel in keeping with GMP require. It is fully automatic control and the filling function will pause automatically and alarm if the photoelectric sensor didn't detect the signal to make sure no bottle-no fill, no product-no fill. It could equip with bottle unscramble, bottle washing machine, capping machine, aluminum sealing machine, labeling machine, inkjet printer to realize the whole line automation work in the industry of pharmaceutical, daily chemical, fine chemical, etc.,

The Time Gravity type filling machine is mainly used to fill good fluidness liquid such as soy sauce, vinegar, vegetable oil, pharmaceutical liquid, etc. It is widely used in pharmaceutical, daily chemical industry.

The Piston type filling machine is mainly used to fill high viscosity liquid such as liquid with particles, thick sauce, paste, etc.

The quantity of filling nozzle is flexible to meet different production needs from 1 to 12 filling nozzle and the filling speed can be adjusted from 200bph to 6000bph with variable-frequency adjustable-speed motor. The bottle volume range is from 20ml to 1L, 5L, 10L, etc.

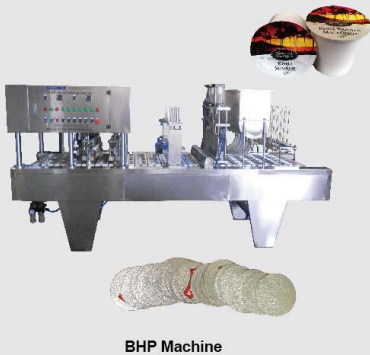
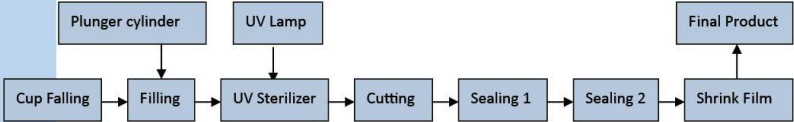


Linear Liquid Filling Machine

Automatic Cup Filling & Sealing Machine

Cup filling and sealing machine is widely used in various kinds of plastic cup for liquid filling and sealing. The machine is applied with world famous electrical and pneumatic components and can be adopted by PLC system according to clients' requirement. The machine can equip with PLC and touch screen control.
BHJ Series is specially designed for filling and sealing liquid and jelly products with plastic roller film, such as water, juice, jelly, pudding etc. It can automatically finish the process of filling, sealing, cutting, printing the code, sterilizing in ultraviolet radiation and falling cup etc. The liquid cup volume range is from 50ml to 100ml, 250ml, 500ml etc.
BHP Series is specially designed for filling and sealing liquid and cream products with aluminum piece of film, such as yogurt, ice cream, artificial milk, juice etc. The machine can automatically finish the process of sending cups, filling, liquid level controlling, putting covers, twice sealing, pushing cups and transporting. The liquid cup volume range is from 50ml to 100ml, 250ml, 500ml etc.

Flow Sheet of BHJ Machine:



Technical specification

ITEM	UNIT	BHJ/P-2	BHJ/P-4	BHJ/P-6	BHJ/P-8	BHJ/P-16
Power	kw	2.5	4.5	5	5.5	9
Capacity	cup/h	1800	3600	5400	7200	14400
Air Source	m3/min	0.6	0.65	0.65	0.85	1.5
Dimension	mm	2000×600×1600	3200×800×1600	3200×850×1600	3800×800×1600	4200×1100×1600
Weight	kg	0.5	0.5	0.5	0.5	0.5

Gable Paper Box Packing Machine



Application: This machine is specially designed for molding, filling and sealing gable paper box with single line and single body gear box control. It is applicable to filling various liquid food such as milk, yoghurt, fresh oil and fruit juice. It can fill high viscosity, granular or solid food or other products. And the new capping machine could be fixed on this packing machine directly to weld various plastic caps onto the preserved opening on the gable box by ultrasonic technique.

- Characteristics:**
1. Easy to operate and low-cost maintenance
 2. Changing box quickly
 3. High filling precision with fine turning device
 4. Compact design, less space required
 5. Low noise
 6. Low energy consumption
 7. PLC control, easy operation, flexible
 8. Adjustable production speed, filling volume and box height, high adaptability



Model	GB-1000	GB-2000	GB-3000
Production capacity	250/500ml-1000bph 1000ml-500bph	250/500ml-2000bph 1000ml-1000bph	250/500ml-3000bph 1000ml-1500bph
Control method	Semi-automatic electric control	Semi-automatic PLC control	Fully-automatic PLC control
Power (kw)	12.5	14.5	18.5
Dimension (mm)	3500×1500×2800	3500×1500×2800	3500×1500×2800
Weight (kg)	2440	2450	2460

Pouch Packing Machine

We provide all kinds of ordinary standard pouch packing machinery, including horizontal pouch machine, doypack machine, pre-made pouch machine, and 3 or 4 side sealing packing machine. They are widely used in the fields of food, beverage, chemical, cosmetics and pharmacy packing. We also provide custom made service which can satisfy your special requirements to the packing way.



Model	Function	Pouch Size	Filling Volume (ml)	Packing speed (pack/min)	Power (kw)	Pressure (Mpa)	Air consumption (NL/min)	Weight (kg)
JS-180S	Doypack, Shape, Hanging hole,	Min. 90×110(mm) Max. 180×250(mm)	1000	60	9	0.6	300	2100
	Zipper, Spout							
JS-280S	Doypack, Shape, Hanging hole,	Min. 90×110(mm) Max. 140×250(mm)	600	120	15.5	0.6	400	3200
	Zipper, Spout							
JS-210GZ	Flat pouch, Doypack,	Min. 90×110(mm) Max. 210×260(mm)	1000	60	4.5	0.6	300	1100
	Zipper							
JS-240GZ	Flat pouch, Doypack,	Min. 100×100(mm) Max. 240×350(mm)	2500	170	4	0.6	250N	1300
	Zipper							
JS-270T	3 or 4 side seal	Min. 50×70(mm) Max. 90×180(mm)	100	240	10.5	0.6	300	2300

PVC Automatic Sleeve Shrink Labeling machine

- Character:**
1. The machine adopts human/machine interface controller for user-friendly operations.
 2. High speed and easy operation can be used with production line.
 3. Specially designed knife plate is changed free with the related specification.
 4. Convenient change of specification without tools.
 5. Forced insertion design proves reasonable and convenient.
 6. Integrated adjustments more convenient.
 7. Accommodates film paper core size of 5"-10"
 8. Suitable for square and round bottles.
 9. Height adjustable
 10. Adopts a high sensitivity optical fiber sensor ensuring accurate length of cut.



PVC Automatic Sleeve Shrink Labeling machine

Model	TB-100	TB-150	TB-250	TB-350	TB-450
Packing speed (bpm)	100	150	250	350	450
Bottle diameter (mm)	Ø25-Ø130				
Label thickness (mm)	0.035-0.07				
Label diameter (mm)	Ø 44- Ø 210				
Label Insertion Length (mm)	44-220mm for Label / 480mm for bottle				
Label roll	5"-10"(φ130-250MM) / 20"(φ510MM)				
Applied material	PVC, PET, OPS				
Power (kw)	2.0	2.0	3.5	4.0	6.0
Dimension of sleeve labeling machine (L×W×H) (mm)	2220×1100×2100		2890×1200×2100/2890×1200×2100		
Dimension of shrink tunnel (L×W×H) (mm)	1780×560×1850		2100×660×1850/2100×660×1850		
Main machine weight (kg)	480		520		

BOPP Hot Glue Labeling Machine

For product's individuality and competitiveness, the container needs various shapes and label. The automatic rotary roll-fed hot melt glue labeling machine fits various products. The container is fed to carousel; the container is held top and bottom in the carousel during the label application process. The labeling is controlled by a continuous/automatic correcting system. The labeling is cut onto a drum provided with rotating blade and static blade which is simple and reliable to supply a correct cutting. The hot melt is spread on one edge of the labeling and overlap on vacuum drum. The labeling process is complete in the labeling station in a short time. The speed can be 36000BPH.



Self-Adhesive Labeling Machine

This machine uses self-adhesive label, can simultaneously label front and back of square, flat, round and ellipse bottles. It can also label single side.
Labeling Speed: 0-200b/min
Precision: ±1mm
Inner Diameter Roll: φ76mm
Outer Diameter Roll: φ300mm
Container Height: 100-320mm
Label Width: 10-180mm
Label Length: 15-150mm



Inkjet printer

J400 Inkjet printer can printer 34 point. The ink system and printer nozzle through innovative improvement can meet different demands of ink. With the excellent stability, high definition printing quality, the J400 is the most cost-effective automatic identification equipment to meet the needs of industries, a variety of identification.

- Characteristics:**
1. Automatically clean when start.
 2. Password protection system
 3. Edit pattern and logo directly
 4. Be able to printing logo and picture



Technical specification

ITEM	UNIT	J400
Speed	m/min	165
Character height	mm	2-18
Character lines	—	4
Message storage	—	40
Max. character	—	17*24

Shrink Film Wrapping Packing Machine

Application: The machine is specially designed for bundle packing of beer, beverage, bottle water ,dairy condiment and so on with or without bottom support. And it is applied for various packing size such as 2×3, 3×3, 3×4, 4×6, etc. The Packing speed is from 8pcs/pack to 45pcs/pack.

Character:

1. It can automatically combines into package during the conveying process, so as to save time and enhance the packing efficiency.
2. Using the isothermal sealing cutter which sprayed TELFON COAT in the surface and the seal is even and secure.
3. It can be adjusted for different kinds of bottle and its combination.
4. Adopt the PLC, which can work automatically.



Shrink Film Wrapping Packing Machine

Model	WP-40	WP-30	WP-20	WP-12	WP-8
Dimension(L×W×H)(mm)	15500×1560×2600	14000×1200×2100	14000×1100×2100	5050×3300×2100	3200×1100×2100
Shrink Tunnel Dimension (L×W×H)(mm)	2500×650×450	2400×680×450	2400×680×450	1800×650×450	1800×650×450
Max Packing Dimension (L×W×H)(mm)	600×400×350	600×400×350	600×400×350	600×400×350	600×400×350
Sealing and cutting time/temperature	0.5-1s / 180 C-260 C	0.5-1s / 180 C-260 C	0.5-1s / 180 C-260 C	0.5-1s / 180 C-260 C	/
Packing Speed (pcs/minute)	35-40	30-35	15-20	8-12	0-8
Power (kw)	65	36	30	20	20
Working Pressure (Mpa)	0.6-0.8	0.6-0.8	0.6-0.8	0.6-0.8	0.6-0.8

Carton Box Packing Machine & Palletizer

Carton Box Packing Machine

JZX Series Fully automatic carton box packing line is composed of carton box unpicker, carton box loading machine and carton box sealer. The box is closed with tape. This machine is widely used in food, beverage, bottle water, dairy condiment industries and so on. This line is applicable to various shapes of glass bottle, plastic bottle, box, bags, etc. And it is applied for various packing size such as: 2×2, 2×3, 3×4, 4×6, etc. According to the different loading ways, we have two models: JZX-D and JZX-G

JZX-D series carton box loading machine is adopted to **down type structure** with high cost effective. It widely used for regular container with impact resistant, for example: pet bottle, barrel, tetra brick pack, etc.

JZX-G series carton box loading machine is adopted to **grab type structure** with high packing efficiency.. It is widely used for all kinds of small-neck bottle and soft container, for example, glass winebottle, bags, pouch, doypack, etc.



Carton unpicker

Carton loading machine

Carton sealer

JKZX series fully automatic wrap around case packer shapes the carton automatically by one piece of carton board and the bottom flap is closed with hot glue, with small occupation area. It is widely used for packing glass bottle, pet bottle, cans, tetra brick, etc with the advantage of small occupation area.



Technical specification

ITEM	UNIT	JZX-D	JZX-G	JKZX
Max. Box Size	mm	500×400×450	500×400×450	450×350×350
Min. Box Size	mm	200×150×100	250×200×100	200×450×350
Capacity	carton/min	4-40	20-40	20-60
Dimension	mm	2000×1500×2050	2300×1800×2550	3000×4100×3300

Palletizer

JMD Series palletizer is suitable for stacking carton, plastic case, shrink wrapped products and 5 gallon bottles, etc.



Technical Parameters

Pallet Size	L1200 × W1200mm
Capacity	10-40 Box/min
Stacking Height	<2000mm
Case Size	According to sample
Layer Type	As demanded from customer
Power	3.5KW
Dimension(mm)	7300×4100×3300

配件-源自世界著名品牌

Parts - From The World Famous Brand

不锈钢、管：日本
Stainless steel board, pipe: Japan



气动元件：德国
Pneumatic components: Germany

FESTO

橡胶：德国、美国
Rubber: Germany, USA



输送链条元件：英国、意大利
Transport chain components: UK, Italy



电子、电气元件：日、德、美、法、韩

Electric components: Japan, Germany, USA, France, Korea



TURCK

DIGITAL



Autonics

传动电机与变速箱：德国

Motor and Gear box: Germany



不锈钢物料泵：英国、丹麦
Stainless steel pump: GB, Denmark



集中油润系统：美国

Centralized oil lubrication system: USA



流体设备：瑞典

Fluid Equipment: Sweden



碳素钢：中国

Carbon steel: China



