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- Excuse us for not being future report if some changes are made to the technical parameter and size in the whole products of our company

中国专业的饮料灌装机制造商



Professional Beverage Filling Line Manufacturer In China

KING machine



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THE WORLD-ORIENTED
KING MACHINE

Excellent History & Dreams Realization

Commit To Professional Machine Manufacture And Services



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THE WORLD-ORIENTED KING MACHINE

Excellent History & Realize Dreams

About Us

Zhangjiagang King Machine Co.,Ltd is located at the new port city—Zhangjiagang. Our company has fixed assets of over RMB 30million and covers an area of 20000m²,we own a professional design and research team. We are a leading enterprise in making full set water,juice,carbonated drink,wine,beer production line,gathering development, designing, production, technology service and marketing.

Our company complies with ISO9001:2000 international quality management system. Also carries out the modern enterprises management system, to executes quality control during the processes of producing. Wins customers' recognition by the high quality products and services.

According to Chinese situation, we developed full-set equipments for liquid and high automation advanced technology. Automation level is also advanced .Now our customers are all over more than 30provinces in China,and also in America,Russia, Africa,South America.....

We will carry on trying our best to meet the demands of our customers continually and seek for development together with our customers.





THE WORLD-ORIENTED KING MACHINE

Excellent History & Realize Dreams

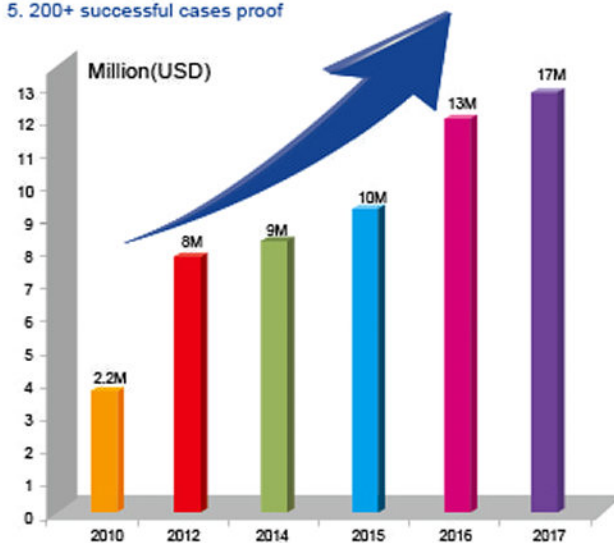


Why us?

- 1. Trade assurance
on-time shipment
pre-shipment quality inspection
- 2. Best Price with factory quality standard
- 3. Sales team with professional knowledge of products and well english communication skill

The world-oriented king machine

- 1. Area: 12000m2 manufacture
- 2. Certificate: ISO9001:2000, CE, SGS etc
- 3. Strong design ability and perfect after service
- 4. Strict quality management
- 5. 200+ successful cases proof



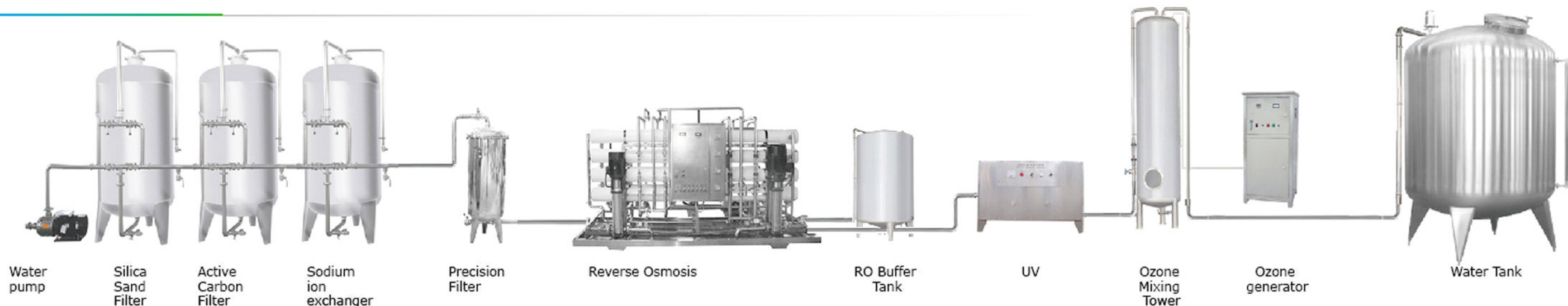
Smiling, Is the most beautiful language in our working!

No matter what difficulties happened in our life, We will use our smile and sincerity to face, and affect all people around us. Trust, sincerity and confidence is the key to make your success. It is also the most beautiful gift to our partners.

Keep smiling in every moment in life.



Water Treatment System



Silica sand filter:

It can remove the suspended solids and gluten particles in the water, thus reduce the turbidity of water.

Active carbon filter:

It can remove the pigment, smell and a large number of biological organisms in the water.

Sodium ion exchanger:

It can remove calcium and magnesium ions in the water, so as to soften the water.

Precision filter:

It can ensure that the granularity of the water into reverse osmosis membrane is less than 0.1 μm .

Reverse Osmosis:

The Reverse Osmosis Device is an equipment to purify the saline water with the action of pressure difference of semi-permeable membrane. It is called reverse osmosis, as it is counter to natural penetration direction. Different materials have different osmotic pressures.

The reverse osmosis can remove more than 97% of the soluble salt and above 99% of the colloid, microorganism, particles and organic materials, becoming the best first-choice equipment in the engineering of modern purified

water, highly purified water and space water (super-purified water). The most highlighted features are low energy consumption, no pollution, simple technique, high-quality water and convenient operation and maintenance.

UV sterilizer:

It uses the UV to kill some bacteria that may also pass through the reverse osmosis system.

Ozone sterilizer:

Some bacteria may not be killed by the UV, the sterilizer uses ozone to kill those bacteria.

Hollow-fibre Ultrafilter This ultrafilter adopts dissymmetrical semipermeable film which is made from macromolecule material with special process. The raw liquid flows under pressure, inside or outside the film. The macromolecule substance and colloid particles in the raw liquid are clogged at the film surface and are brought away by circulating raw liquid. Then the raw liquid becomes inspissated, furthermore, the substance in liquid is separated, concentrated.

According to customer's water source analysis report and the final water standard required, we will suggest customer to choose the suitable water treatment plants.

CGF Series Water Filling Machine

washing filling capping 3-In-1



Product Application

The machine is mainly used for washing, filling sealing Non-Aerated carbon dioxide drink such as mineral water, pure water, non-gas wine drink and so on, The machine design is shorten the time for the drink material contact with outside, Increase the sanitation condition throughout economy benefit.

Capability Character

It adopts hanging type conveying-bottle structure to make changing bottle model more convenient, faster and easier. The main machine adopts advanced PLC control technology. The key electric elements adopt international famous products.

Technical Parameter

Model:	CGF14-12-4	CGF16-16-5	CGF18-18-6	CGF24-24-8	CGF32-32-10	CGF40-40-12	CGF50-50-12
Capacity(500/ml/bottle/h)	3000-4000	4000~6000	6000~8000	8000-12000	13000-15000	16000-18000	20000-24000
Suitable bottle shape	PET circular or square						
Bottle diameter(mm)	Φ50-Φ115						
Bottle height(mm)	160-320						
Compressed air pressure(MPa)	0.3-0.7						
Washing medium	aseptic water						
Washing water's pressure(MPa)	>0.06Mpa ≤0.2Mpa						
Total Power (KW)	4.4	4.4	4.4	5.2	6.2	7.8	10
Overall dimensions(mm)	2500×1880×2300	2600×1900×2300	2800×2150×2300	3100×2450×2300	3880×2800×2500	4100×3000×2500	4500×3300×2350
Weight (kg)	3200	4000	4500	6500	7500	8500	9000

Washing, Filling And Sealing Production Line For Pure Water, Mineral Water, Fruit Juice, Spirit,etc.

Usage Characteristic:

The production line includes ZPC auto washer, GFP auto filler, YQX auto capper, SC conveyor etc. The key parts for washing, filling and sealing are made of high quality stainless steel, with the features of advanced technology, completed system, reliable performance, easy operation, etc.



Technical Parameter

Model:	ZPC-12 GFP-12 YQX-3	ZPC-18 GFP-16 YQX-4	ZPC-24 GFP-24 YQX-6
Production b/h	1000-2000	2000-4000	3000-8000
Bottle Height (mm)	160-300	160-320	160-340
Motor Power kw	3.05	4.07	4.82

3-10L Bottle Washing Filling Capping Linear Line



This line is mainly used for liquid filling, which concentrates disinfection rinsing, filling, capping together, with features of moderate production capacity, simple structure, and easy operation.



Technical Parameter

Model:	XGF4-4-1	XGF6-6-1	XGF8-8-3
Capacity	700bph 5L	1000bph 5L	1200bph 5L
Washing head	4	6	8
Filling head	4	6	8
Capping head	1	1	3
Power KW	2.5	4.5	5.5
Dimension	2800*1100*1800	3500*1100*1800	4200*1100*1800

3-10L Bottle Washing-filling-capping 3-in-1



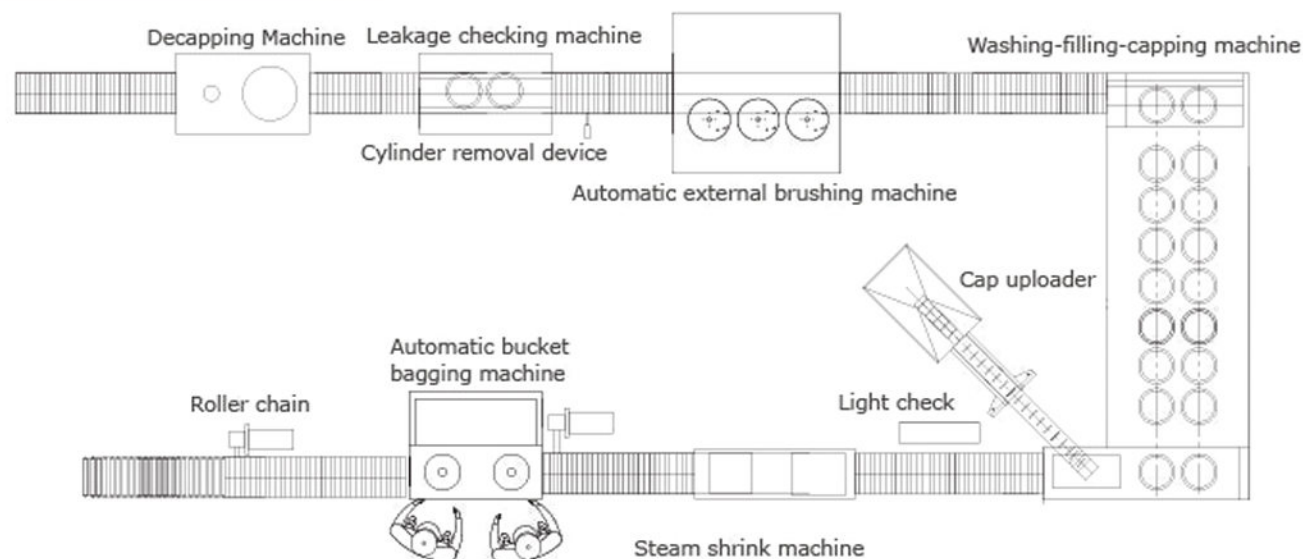
This series machine is combined by Bottle Rinsing, filling and capping. It's Mainly used for 3-10L bottled Water, Alcohol drinks, oil etc. non-carbonated drinks. It adopts gravity filling technology, automatic cap pickup, magnetic force capping, and the capping force adjustable. It is advanced technology in China.



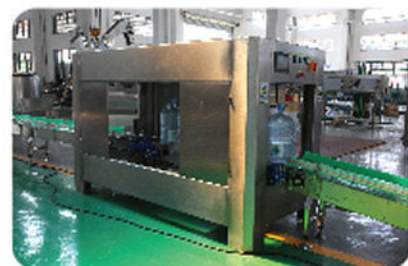
Technical Parameter

Model	CGF 12/12/1	CGF 15/15/5	CGF 24/24/8
Production Capacity(500ml)(b/h)	1000-1500	1500-2000	2500-3000
Total Power(KW)	2.2	3	4

Full Automatic Barrel Production Line



This filling line specially for 3-5 gallons barreled drinking water, with type QGF-100, QGF-240, QGF-300, QGF-450, QGF-600, QGF-900, QGF-1200. It integrates bottle washing, filling and capping into one unit. In order to achieve the purpose of washing and sterilizing. The washing machine uses multi-washing liquid spray and-thimerosal spray. This thimerosal can be used circularly. The capping machine can cap barrel automatically. This line equips with water spraying device in order to ensure those caps sterile and clean. It also can automatically carry out barrel, washing, sterilizing, filling, capping, counting and products discharging, with complete function, modern design and high degree of automation. It is a new kind of barreled water auto-producing line, which integrates mechanism, electricity and pneumatics technologies together.



Model	QGF-100	QGF-240	QGF-300	QGF-450	QGF-600	QGF-900	QGF-1200
Filling heads	1	2	2	3	4	6	12
Volume(Gallon)	3 & 5	3 & 5	3 & 5	3 & 5	3 & 5	3 & 5	3 & 5
Barrel size(mm)	Φ270×490	Φ270×490	Φ270×490	Φ270×490	Φ270×490	Φ270×490	Φ270×490
Capacity(b/n)	60-100	100-240	250-300	400-450	600-800	800-900	1000-1200
Gas pressure(Mpa)	0.4-0.6	0.4-0.6	0.4-0.6	0.4-0.6	0.6	0.6	0.6
Gas consumption(m ³ /min)	0.37	0.37	0.6	0.8	1	1.5	1.8
Motor power(kw)	1.38	1.75	3.8	3.8	7.5	9.75	13.5
Rated Voltage(V)	380V/50HZ	380V/50HZ	380V/50HZ	380V/50HZ	380V/50HZ	380V/50HZ	380V/50HZ
Weight(kg)	680	800	1500	2100	3000	3500	4500

DCGF Series Carbonated Drink 3-in-1 Filling Machine



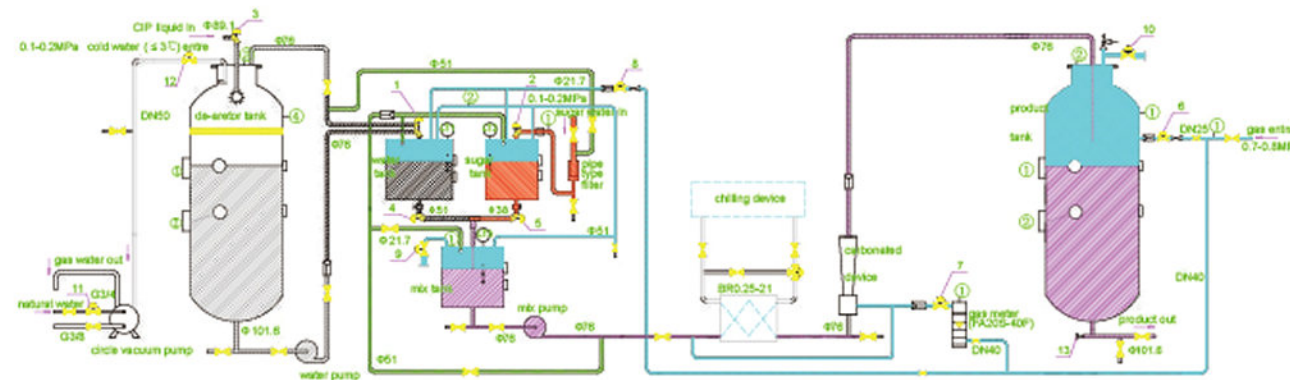
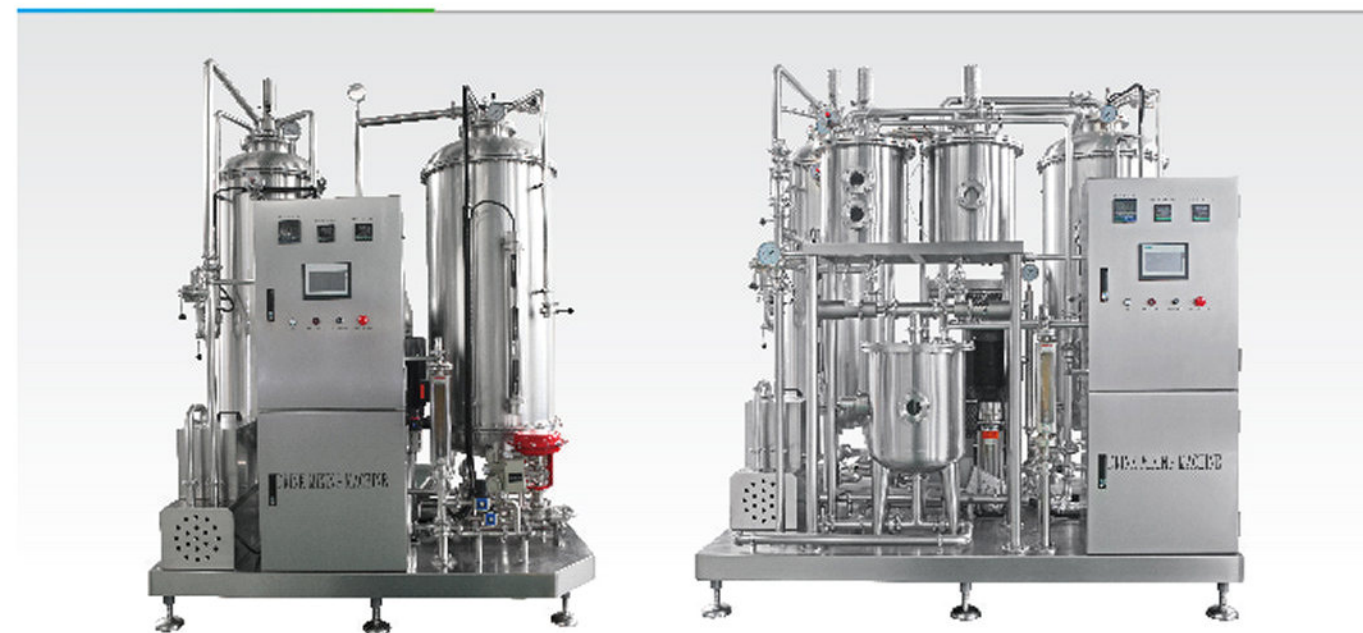
Usage Characteristic:

The series equipment is used in production gas containing water of PET polyester bottle-packing carbonated beverage, such as Coca cola, Pepsi-cola, Spirit drink etc. It carries out washing bottle, filling and capping on one machine. The whole machine designing is reasonable. The appearance is beautiful and the maintenance is convenient. It adopts bottle handing technology to make changing bottle more convenient, faster and easier. The main machine adopts advanced PLC control ,touch screen and no-bottle,no-cap system The key electric elements are from famous international brand.

Technical Parameter

Model:	DCGF14-12-4	DCGF18-18-6	DCGF24-24-8	DCGF32-32-10	DCGF40-40-12	DCGF50-50-15	DCGF60-60-15
Production capacity	2000-3000	3000-5000	5000-7000	7000-10000	10000-15000	16000-20000	20000-24000
Filling precision	≤+5mm(Liquid Level)						
Filling pressure (MPa)	≤0.4						
PET bottle specification(mm)	(Bottle Diameter):Φ50-Φ115; (Height):160-320						
Suitable cap Shape	Plastic Screw Cap or crown cap						
Total power (kw)	4.4	5.2	6.2	6.2	7.5	11	15
Weight (kg)	2500	3500	4500	6000	7200	10000	11500
Overall dimensions(mm)	2250×1650×2250	2600×1965×2250	2980×2200×2250	3880×2200×2250	4000×2250×2500	5500×3500×2500	6500×5500×2550

QHS-Series Beverage Mixers



Carbonated Drink

auxiliary machines



Blending Tank



Chiller



Heat Exchanger

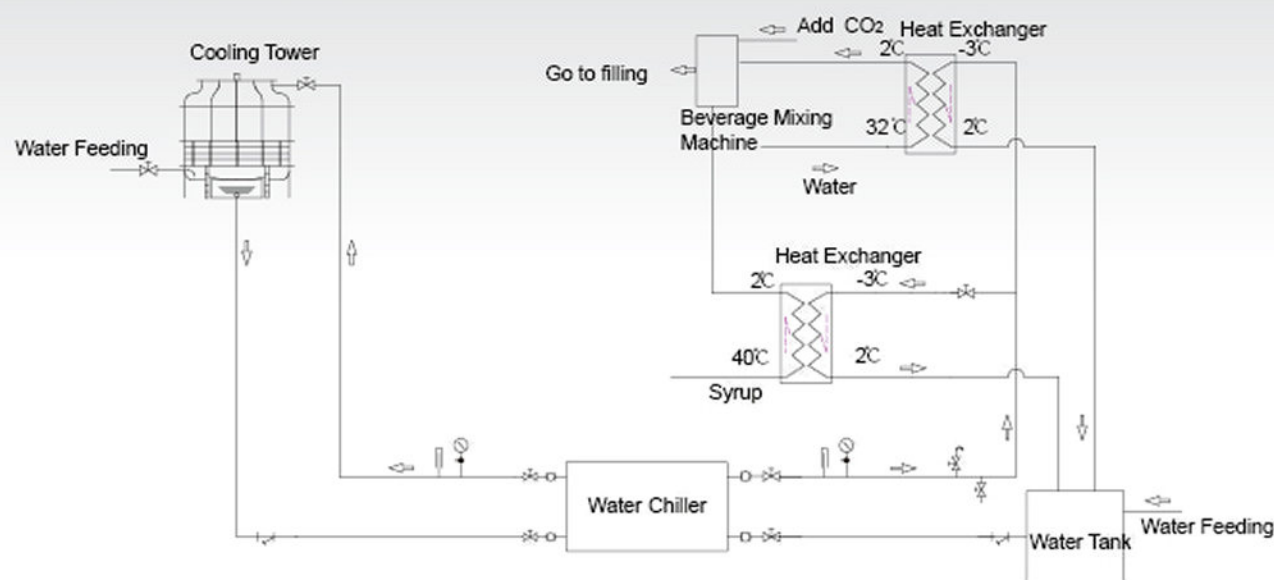


CO2 Filter



Sugar Melting Pot

Carbonated Drink Preparation Layout



Juice/Tea Hot Filling Machine

Washing Filling Capping 3-in-1



Hot Filling Products



Tea



Energy Drink



Juice



RCGF series three-in-one set of machine is mainly used in the beverage filling process. The machine combines washing, filling and capping with complete automation, suitable for filling juice and tea beverage. With temperature controller, it can also conduct thermal filling. It is used for all kinds of bottles. The bottle neck hanging technology makes the process of changing bottles easily by only adapting the height of conveyor chain. The filling process adopts hot filling technology with water-supplying system under constant pressure, which makes filling process faster and more stable. Compared with other equipment of the same kind, this machine with a better quality and thus enjoys a high ratio of function against price. The hot filling type machine works with balanced tank and vacuum system.

Technical Parameter

Model	RCGF18-18-6	RCGF24-24-8	RCGF32-32-12	RCGF40-40-12	RCGF50-50-12
Capacity(500ml)	5000	8000	12000	16000	20000
Bottle shape	round or square				
PET bottle(mm)	(Bottle Diameter):φ50-φ110mm (Height):160-320mm				
Cap	PE srew cap or crown cap				
Filling precision	≤±5%				
Filling pressure(Mpa)	0.15-0.35	0.15-0.35	0.15-0.35	0.15-0.35	0.15-0.35
Rinsing pressure(Mpa)	0.2-0.25	0.2-0.25	0.2-0.25	0.2-0.25	0.2-0.25
Total Power(kW)	4.4	5.2	6.2	7.8	9.4
Overall size(mm)	2800×2150×2300	3100×2450×2300	3800×2800×2500	4100×3000×2500	5000×3770×2750
Weight(kg)	4500	6500	7500	8500	9500

Juice With Pulp Hot Filling Machine



Containers and Specifications

Project Name: Full Automatic Complete Juice(Fruit)Pulp 2000-20000bph Production Line				Hot Filling Fruit Juice
Material	Shape	Filling volume	Filling level (mm)	Neck type
Glass Bottle	Square or Round Bottle	100-2000ml	Distance from bottle neck According request	As request
Adjustable specifications of the bottle type	【Middle Mould Base】 Bottle diameter ≤105mm Bottle Height≤335mm Customers need to buy additional change-over parts for the different bottles. If using square bottles, then bottle separating system will be added.			
Juice Preparation	Fruit , Concentrate, Powder mixing, Pulp size≤15mm			
Container Label & Control Mode	Packaging system		Palletizing system	
Hot Melt Roll-Fed	Packing system	Min, Spec.	Manual	
PVC Shrink Label	Manual	1*2	Low position gantry palletizer	
Full Label/ Half Label	Film shrinker	2*3	Robot Palletizer	
Manual / Automatic	Wrap Around packe	3*4	High position gantry palletizer	
	Robert Packing Machine	4*6	Single Arm Palletizer	
		3*5	Manual Palletizer	
User Ambient Conditions:	Temperature: 10 ~ 40℃; Humidity: No dew			
User Electrical Supply Specification	Voltage: 380V±5%, 3phase; Frequency: 50HZ±1%			

Rotary Sauce Filling Machine



Containers and specifications

Material	Shape	Filling volume (ml)	Filling level (mm)	Neck type
PET	Round Bottle	750, with 500 and 300 included	Distance from Bottle neck≤25mm	PCO28
Adjustable specifications of the bottle type	Customers need to buy additional change-over parts for the different bottles. If using square bottles, then bottle separating system will be added.			
Container Label & Control Mode		Packaging system		Palletizing system
■ Hot Melt Roll-Fed	■ PVC Shrink Label	Packaging system	Min.Spec	Palletizing requirement
■ Full Label	■ Half Label	—	—	Manual palletizer
■ Manual	■ Automatic	—	—	—
Other requirements				
Note: above data needs to be confirmed with customer.				
User Ambient Conditions:		Temperature: 10 ~ 40℃; Humidity: No dew		
User Electrical Supply Specification:		Three-phase five-wire system; F class insulation; Voltage: 380V; Frequency: 50HZ±1%		

Juice Beverage

Auxiliary Machines



Plate UHT sterilizer

Mainly used for heating and sterilizing in juice, tea beverage, fresh milk, and alcohol and other heat sensitivity liquid, also keeping warm and cooling, with the sterilization temperature at 85-135°C
Capacity: 3T/H-15T/H.

Pipe UHT sterilizer

This sterilizer is mainly used for sterilization in high viscosity products with fiber and bigger flesh, and other products with high acidity, such as fruit juice, jam, coffee beverage, sterilized milk. Sterilization temperature is at 80°C-140°C.
Capacity: 3T/H-15T/H.



High pressure homogenizer

Used for ultrafine grinding material, and forming solid and liquid dispersoid.
Capacity: 1T/H-10T/H

Vacuum Deaerating Machine

The deaerator is one of the necessary equipment in fruit juice or fruit tea production line. It is mainly used for deaerating the homogenized juice under vacuum condition and to prevent the juice from being oxidized and then to prolong the storing period of the juice.

CIP Cleaning Machine

According customer's capacity requirement, We offer Split Type CIP Cleaning Series for high capacity and high automation required, and offer Integral Type CIP Cleaning machine for small investment and low automation projects.

Irregular Plastic Cap Capping Machine



Crown Cap Sealing Machine

Plastic Cap Capping Machine



Aluminum Cap Sealing Machine

Wine Glass Bottle Filling Machine



Technical Features:

- Filling valve adopts high precision mechanical filling valve, with the character of no bottle no vacuum pumping.
- Open Gear combined gear box transmission, with on-off device. Frequency conversion velocity modulation device extends the speed modulating scope.
- This machine has self oil lubrication device so that the lubrication points could be lubricated regularly in time. The machine is of high efficiency, low noise and long life.
- Centering guide is of double guide bar type, with the function of pre-covering.
- Wine jar and capping head are driven by manual, also can be driven by electricity to fit different sizes of bottles.
- The material height in the tank is controlled by electric probe to assure the precise liquid level.

Technical Parameter

Model:	BCGF16-12-6	BCGF18-18-6	BCGF24-24-8	BCGF32-32-10
Washing heads	16	18	24	32
Filling heads	12	18	24	32
Capping heads	6	6	8	10
Production Capacity(b/h)	3000-4000	5000-6000	6000-8000	8000-10000
Power of main motor(kw)	3	3.8	5.5	7.5



Beer Filling Capping 2-in-1 Unit Machine



Technical Features:

It is used for filling and sealing various kind of glass bottle with crown type bottle cap for beer filling production line.

The machine adopts advanced international technology, It's design scientific and reasonable, appearance is beautiful, operation and maintenance is convenient, and it's high degree of automatization, so it is the good machine for middle and small beer manufacturer.



Technical Parameter

Model:	BGF12/6	BGF18/6	BGF24/8	BGF32/10
Production Capacity(500ml)(b/h)	1000-1200	2000-3000	4000-5000	6000-8000
Total Power(kw)	1.5	1.5	3.75	5.6

Automatic Piston/Flowmeter Filling Machine



This type machine is suitable for filling viscous, inviscid and corrosive liquid. It's widely applied in plant oil, chemical liquid, and daily chemical industry. It adopts linear type filling, electromechanical & instrumental integration controlling. It's simple and rapid for changing the varieties with unique design and superior capability. Its appearance accords with the international machinery concept.

Germany SIEMENS PLC and touch screen control make it intelligentize protection function. Vacuum anti-dropping device ensures no leaking situation in production. Electronic adjusting for volume system, frequency control and photoelectric detecting system (Germany TURCK brand) are applied in this machine.

Technical Parameter

Parameter	Unit	SNYG Series				
		12	10	8	6	4
No. of heads	Pcs	12	10	8	6	4
Filling volume	ml	200-1000, 500-3000, 1000-5000, 1500-6000				
Productivity	bph	1600-4000	1400-3200	1200-2600	1000-1900	720-1300
Filling tolerance	%	<0.5%				
Voltage	V	According customer country's standard				
Power	Kw	1.5	1.5	1.5	1.2	1.0
Gas pressure	Mpa	0.55-0.8Mpa				
Gas consumption	M ³ /min	0.6	0.4	1.2	1.0	0.8

Semi-Automatic Oil Filling machine



This type of machine is widely used in filling of viscous liquid such plant oil chemicals. Its features are flexible and can be used anywhere. Its design is distinct. It has many advantages. It has applied imported Germany SIEMENS controller.

Technical Parameter

Parameter	Unit	Unit	Unit
No. Of Head	2heads	1head	1head
Filling Weight	20ml-10L	5-50kgs	50-200kgs
Entrance of pressure	2-2.5Bar	2-2.5Bar	3Bar
Productivity	400-500B/hour (5kgs)	120-200B/hour (20kgs)	40-60B/hour (200kgs)
Filling tolerance	≤0.3%	≤0.3%	≤0.5%
Power	380/220V, 90w	220v+-10% 0.1Kw	220v+-10% 0.1Kw
Gas pressure	0.55-0.8Mpa	0.55-0.8Mpa	0.55-0.8Mpa
Air Consumption	0.3m ³ /min	0.3m ³ /min	0.3m ³ /min

Liquid Bag Filling Sealing Machines



This series is widely used in the film packing of milk, soy milk, all kinds of drinks, soy, vinegar, yellow wine etc. All packing procedures: ultraviolet ray sterilization, molding of bags, print of dates, filling with fixed quantity, sealing and cutting and numeration. All components are made of stainless steels and are designed to meet state hygienic standard. A and B model adopt single-layer polyethylene film while C model employ composite films. Among them, B model is twin type designed so it can fill two types of liquid of different colors and flavor in one package; C model are categorized as middle sealing, side sealing and photo-electric detection.

Technical Parameter

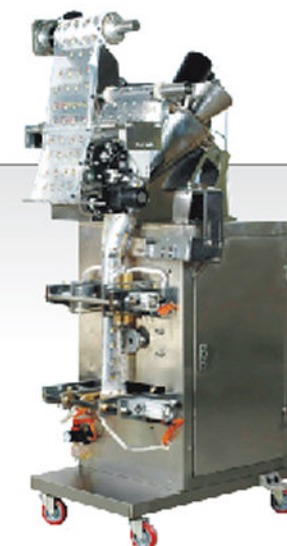
Model:	SJY-1000A	SJY-1000B	SJY-1000C
Speeding of Production	1500-2100 bags/hour	1500bags/hour	1000-1800bags/hour
Packing Capacity	100-500ml	100-500ml	100-1000ml
Packing Size	L30-150×W120-160mm	L30-190×W84-120mm	L30-240×W120-160mm
Power of Machine	1.2Kw 220VAC/380VAG	1.2Kw 220VAC/380VAG	1.2Kw 220VAC/380VAG
Weight of Machine	270kg	320kg	330kg
Overall Dimensions	850×800×1800mm	950×850×1900mm	1050×850×1850mm

Granular Packing Machine

The series feeding is used with PLC control, featuring accuracy and stability, suitable to the fields of food, pharmacy, pesticide and chemical industry such as condiments, milk powder, medicine powder and a variety of powders from 100-300 mesh.

Technical Parameter

Model	KM-Y2
Voltage	220V50Hz(380V50Hz220V60Hz)
Power	1800W
Air Pressure	0.6MPa
Bag Size	180×120mm
Speed	30-80b/m
Precision	1-100MI(±1.20%)
Overall size	810×940×1750mm
Weight	335kgs



Can Filling and Capping Linear Line



This combined machine is used for isobar filling and capping of beer and air-contained beverage. It adopts the most advanced mechanical, electrical, pneumatic control technique in the world. It has such advantages as stable filling, fast speed, control of liquid surface, reliable sealing, frequency modulation speed adjustment, little loss of material, etc. We can install remote control system according to requirements of customer, it is priority and ideal facility for medium-size beer plant and beverage plant.

Advantages

1. The filling amount is rather average, the adjustment is convenient.
2. Main frame adopts sus304, liquid contact parts adopts sus316.
3. It adopts special filling valve which makes washing and cleaning convenient.

Technical Parameter

Model	CGJ-50	DGC-12/16	YLG-40
Production capacity(b/h)	3000	1500-3500	2400
Bottle/can type(mm)	Φ40-80	Φ40-90 H50-340	Φ50-67 H90-200
Power(kw)	0.55	0.75	0.75
Overall dimensions (mm)	1900×530×1100	810×1050×2050	930×700×1850
Weight (kg)	480	500	500

Can Filling and Sealing Machine for Carbonated Drink



The machine is advanced filling and capping equipment, it's designed on the basis of absorbing domestic and foreign advanced technology. It is mainly used in filling and capping carbonated beverages as soft drinks, cola, sparkling wine, etc. It has such advantages as advanced construction, stable working, convenient operation and repair & maintenance, transducer control as well as high production efficiency. It is the ideal equipment for mid-scale & small-scale beverage factory.

Technical Parameter

Model	GDF12-1	GDF18-6	GDF24-6
Production capacity(b/h)	1000-2000	3000-6000	4000-9000
Power(kw)	0.75	3.7	3.7
Overall dimensions (mm)	1750×1140×1950	2320×1400×1900	2580×1675×1900
Weight (kg)	1800	2500	3000

LP Series Bottle Unscrambler



The machine is used in ordering disordered polyester bottles. The disordered bottles are carried into the storing bottle section of the ordering bottle machine. With the help of the pushing force of the rotating disk, the bottles enter their position. With the function of the turning bottle device and the air-flow, the bottles are ordered into bottle mouth-up-position and are carried into the next process with the air-transferring type conveying bottle system. The machine adopts PLC computer-control, frequency control to adjust its production capacity. It has a screener to automatically screen out non-standard bottles.

Technical Parameter

Model	LP-16	LP-18	LP-21
Work position	16	18	21
Production capacity(b/h)	8000-10000	12000-15000	18000-20000
Gas source pressure(Mpa)	0.7	0.7	0.7
Gas consuming volume(m ³ /min)	0.5	0.5	0.5
Suitable bottle type(mm)	350-1200ml Φ50-Φ90	350-1250ml H=150-290	350-1250ml H=150-290
Main motor power(kw)	2.2	3.0	5.5
Fan power(kw)	2.2	2.2	2.2
Dimension(mm)	Φ2056×2150	Φ2650×2290	Φ2800×2400
Weight(kg)	3500	4200	5200

Belt Chain Conveyor System



Specification:

- 1.Conveyor Height:1050mm
- 2.Side panel: 304 stainless steel sheet, thickness is 2mm
- 3.Power: HANGZHOU JIE Brand 0.75KW
- 4.Supporting leg: 304 stainless steel
- 5.Trunking and cover: 304 stainless steel
- 6.Lubricant water conservation tank: 304 stainless steel
- 7.Chain plate: Domestic high-quality plastic chain plate,polyoxymethylene (POM)
- 8.Bearing housing: 304 stainless steel cage

Empty Bottle Air Conveyor



Technical parameter

- 1.Model of fan: DF-9; Power fan: 2.2 KW/Unit
- 2.Air conveyor frame: 304 SUS 2B plate 1.5mm
- 3.Inner flange: 304 SUS 2mm
- 4.Bottle block frame: 304 SUS 2B plate 2mm
- 5.Bottle neck holding bar:
7.5million Ultrahigh molecular polyethylene
- 6.Bottle blocker: Ultra high molecular green color *202 round pipe
- 7.Flange gripper: Ultra high molecular 304
- 8.Pre-filter G4 Camfil Swedish
- 9.Breaker and contactor: Schneider French

Auto-sleeve Shrinking Label Machine

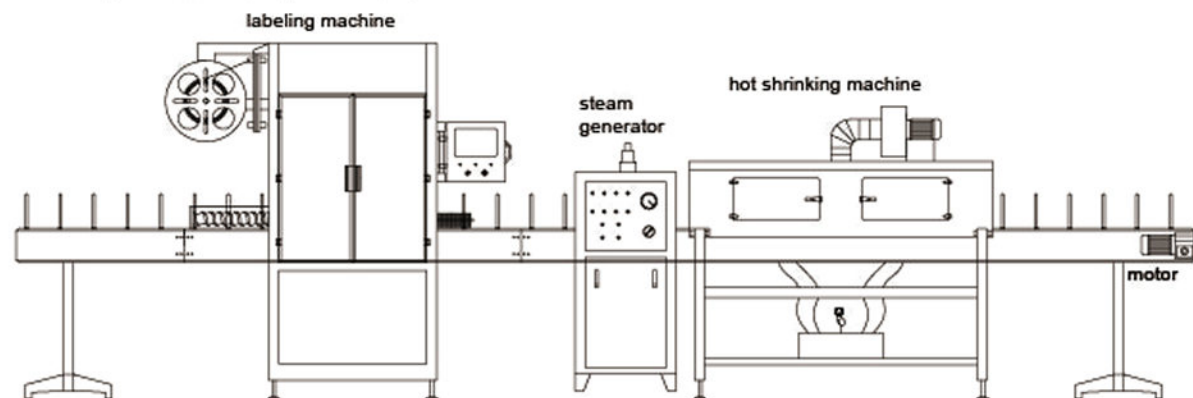
Label Machine



Usage Characteristic:

This machine adopts international advanced technology; cover the circle label on the PET bottle. And then hot shrinking to fix on the position which bottle body designated.

This machine's structure is compact, and suitable for the production line of different direction and different height. The machinery part adopts combination designing of modularization, and makes the machine reasonable. The height adjustment adopts motor fluctuating; it is convenient to replace the material. The special cutter head designing, make the film-rolling cut more exactly and reliably.



Double Head Auto-shrink Sleeve Label Machine

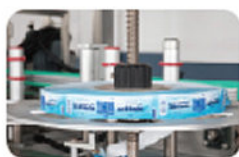


Technical Parameter

Model	SPC-150B	SPC-250B
Input power	1.5KW	3.0KW
Input Voltage	Φ3380/220VAC	Φ3380/220VAC
Production Efficiency	150Bottle/min	250Bottle/min
Size of Host Machine	2100L×850KW×2000H	2100L×850KW×2000H
Applicable Diameter of Bottle Body	Φ28mm-Φ125mm	Φ28mm-Φ125mm
Applicable Thickness of Label	30mm-250mm	30mm-250mm
Applicable Length of Lable	0.03mm-0.13mm	0.03mm-0.13mm
Applicable Internal Diameter of Paper Tube	5"-10"(Adjustable)	5"-10"(Adjustable)



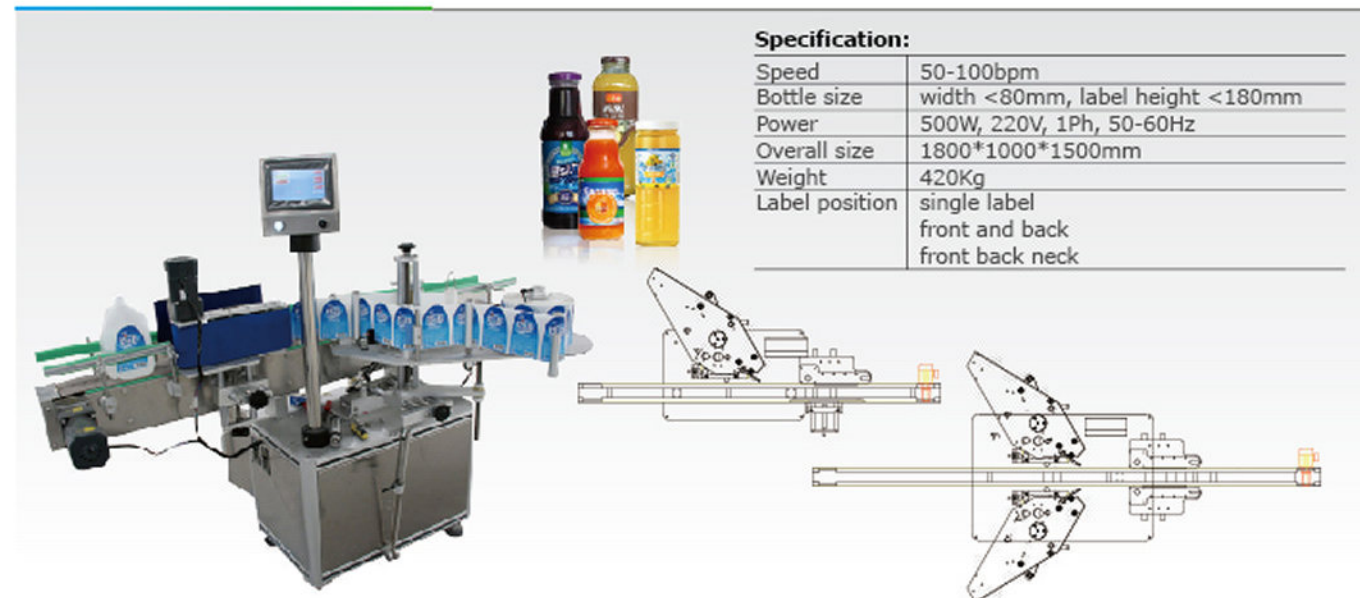
OPP Hot Glue Labeling Machine



OPP hot glue labeling machine:

1. Body is built with stainless steel, aluminum alloy and square steel tubes.
2. welded tubes ensure stable and smooth operations at high speed performance.
3. Centralized lubricating system for simple and effortless on maintenance, lubrication and cleanness.
4. Round plate type suction label.
5. Automatically detect and adjust the production speed
6. Emergency Stop Safety Device disables the machine when senses an abnormality.
7. Automatic tension control.
8. Automated label proofreading and Cutting System.
9. Automatic warning system and alarm will be activated when it is out of label.

Automatic Self-adhesive Labeling Machine



Specification:

Speed	50-100bpm
Bottle size	width <80mm, label height <180mm
Power	500W, 220V, 1Ph, 50-60Hz
Overall size	1800*1000*1500mm
Weight	420Kg
Label position	single label front and back front back neck

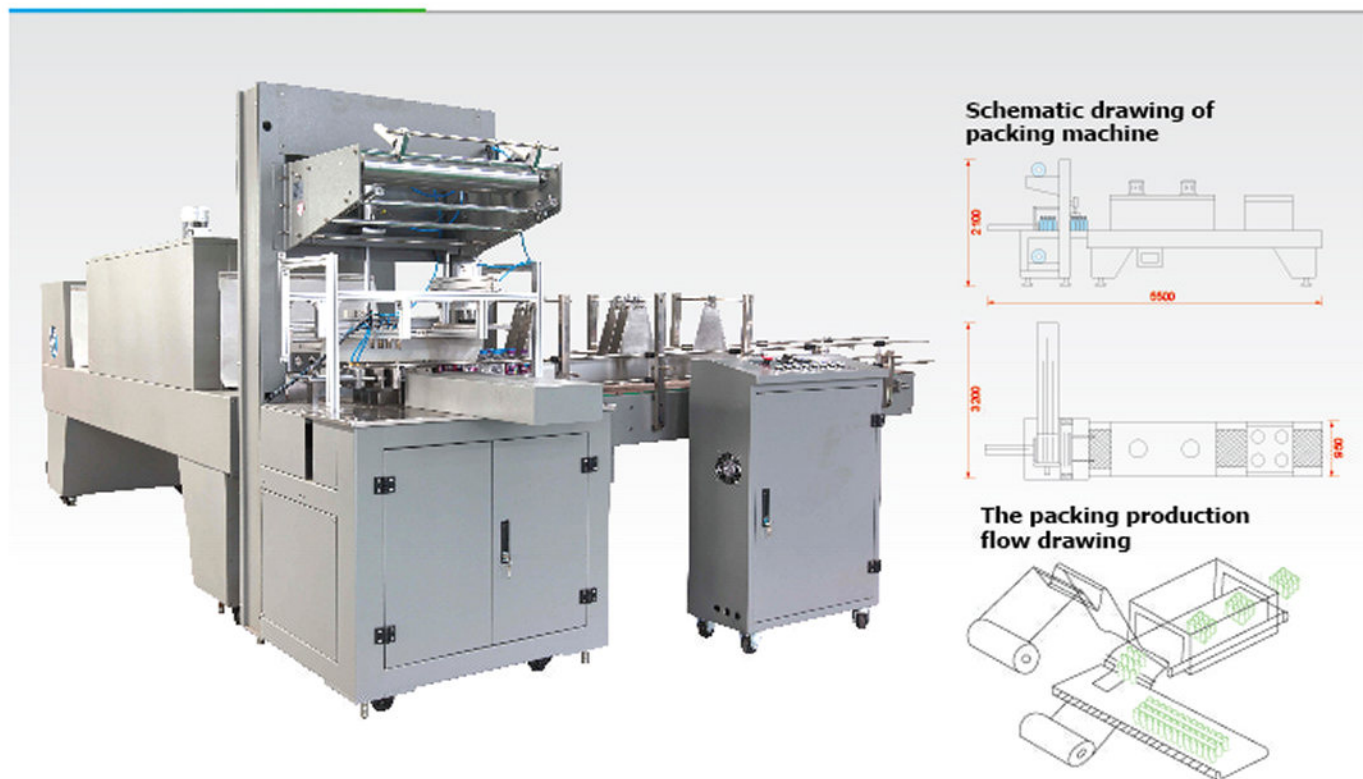
Automatic Cold Glue Labeling Machine



Specification:

Range of output capacity (b/h)	3000~12000
Label width (mm)	50~130
Capacity of label box	7000pieces
Main motor power(kw)	3
Air pressure(Mpa)	0.35 ~ 0.5
Air flow(m³/min)	0.9
Weight(kg)	2000
Overall dimension (L*W*H)(mm)	1800*1400*2000

WD-150A Automatic Non Tray Shrink-Wrapping Packing Machine



Applications:

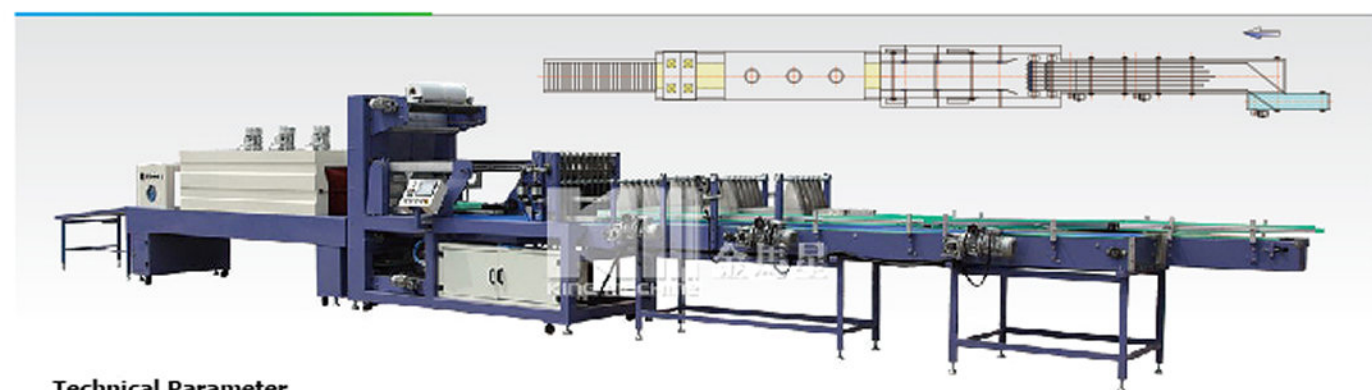
The machine is developed especially for mineral water, beverage, wine, beer, product and so on infusion medicine bottle combination packaging, with stable function, and the packed articles tight and orderly. It can be handled as a single pushing machine when high speed demanded.



Technical Parameter

Model	
Dimension of the equipment	L5050*W3300*H2100mm
The largest dimension of the wrappage	L600*W400*H350mm
Material of shrink film	PE
Thickness of shrink film	0.03-0.15mm
The highest temperature of the heat shrink furnace	160-260degree
The maximum production per minute	0-12 packages/min
Power	20KW
Actual Power	15Kw/hour
Weight	1.2T
Pressure of air	0.6-0.8Mpa

Linear type Automatic PE Film Shrink Wrapping Machine



Technical Parameter

Power	28KW	PE film	thickness: 0.03-0.10mm ,width : ≤600mm
Air consumption	25m³/H. ≥0.6MPa	Weight	1.5ton
Speed	20-25bag/minute.	Dimension	L12000×W1100×H2100mm
Bottle diameter	Φ60-90Φmm, height≤330mm	Wrappage max size	L2400×W650×H450mm

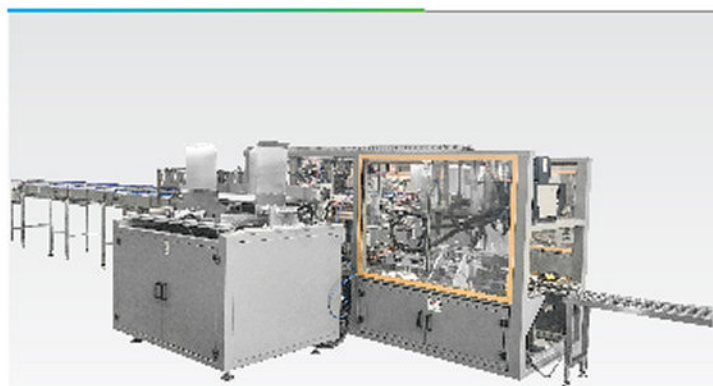
Semi Automatic PE Film Shrink Wrapping Machine



Technical Parameter

Model	
Max. packing dimension	L450×W270×H330mm
Min. packing dimension	L250×W60×H140mm
Power	220 ~ 240V, 50-60HZ, 1.6KW
Packing speed	0-8pcs/minute
Load of pushing board	20kg
Film thickness	0.03-0.25mm
Dimension	L1020×W830×H1980mm
Machine Weight	170kgs
Film Thickness	0.03-0.25mm

Cardboard Type Carton Packing Machine



Technical parameters:

Packing type	Round Bottle, glass bottle, PET bottle, cans
Container volume	250ml-2000ml
Scope of bottle height	100-350(mm)
Scope of bottle diameter capacity	57-100 or large(mm)
Machine dimension	L6285*W2582*H2115mm
Folding carton dimension	550<L+W+H<1000
Hot melt adhesive solidify time	1.5-2s
Working air pressure	0.4-0.7Mpa
Power	6kw
Weight	4000kg

It is a drop-in compatibility, applicable to different specifications carton packing machine, the bottle effectively stand in line to the top of the carton, in accordance with the packing requirements, automatic positioning device to ensure that the bottle is packed by product fall into the carton, this machine adopts PLC + touch display control, alarm device .no bottle no packing security.

Carton Forming-Packing-Sealing Machine



Technical parameters:

Production speed	12-15ctns/min
Carton storage quantity	100pcs (1000mm)
Carton size	L250-450×W150-400×H100-400mm
Power supply	110/220V, 50/60Hz, 1 Phase
Power	2.44kw
Applicable tape	48/60/75mm (Choose one type)
Air compressing	6kg/cm ³
Automatic carton forming machine	L2000×W1900×H1450mm
carton packing machine	L1900*W1000*H3500 (mm)
carton sealer	L1170×W900×H1350

carton forming and bottom sealing packing machine which control by PLC and operate from HIMI system. Machine can do 12 carton forming and tapping in every min. very efficiency and convenient. Carton board can be loaded without stopping the machine. Packing line will not stop during the continuous packing flow. Carton packing size can be adjust manually. Easy to operate and maintain.

Full Automatic Blow Molding Machine



Technical Parameter

Model	Item	KM-A2	KM-A4	KM-A6	KM-A8
Productivity	Depend on bottle design	1800-2000 PCS/H	3200-4000 PCS/H	4000-5500 PCS/H	7000-8000 PCS/H
Product type	Volume	0.1-2.0L	0.1-2.0L	≤1.5L	≤1.5L
	Body diameter	≤100mm	≤100mm	≤90mm	≤90mm
	Height	≤310mm	≤310mm	≤310mm	≤310mm
	Neck diameter	38mm	38mm	28-30mm	28-30mm
Mould	Cavity	2	4	6	8
	Mold thickness	240mm	240mm	240mm	240mm
	Mold volume	260*240*370mm	510*240*360mm	640*240*360mm	780*240*360mm
Main machine Power	Electrical source power	380V/220V	380V/220V	380V/220V	380V/220V
	Rated Power	50/60HZ 3Phase	50/60HZ 3Phase	50/60HZ 3Phase	50/60HZ 3Phase
	Really use power	25kw 6.5kw	49kw 13kw	73kw 25kw	100kw 35kw
Air system	HP air compressor	1.4m ³ /min 3.0MPa	2.0m ³ /min 3.0MPa	6.0m ³ /min 3.0MPa	8.0m ³ /min 3.0MPa
	LP air compressor	1.0m ³ /min 1.0MPa	1.6m ³ /min 1.0MPa	2.0m ³ /min 1.0MPa	2.0m ³ /min 1.0MPa
	Air Tank	0.6m ³ 3.0MPa	0.6m ³ 3.0MPa	1.0m ³ 3.0MPa	1.0m ³ 3.0MPa
	Air dryer	1.0m ³ /min 3.0MPa	2.0m ³ /min 3.0MPa	6.0m ³ /min 3.0MPa	8.0m ³ /min 3.0MPa
Cooling water	Water Chiller	3HP	5HP	8HP	10HP
Machine	Size(L*W*H)	1900*1280*1930mm	1900*1860*1930mm	4100*1400*1800mm	5600*1800*1930mm
	Weight	2000kg	3600kg	4500kg	5600kg
Preform unscrambler	Size(L*W*H)	2000*950*2480mm	2000*950*2480mm	2000*950*2480mm	2000*950*2480mm
	Weight	250kg	250kg	250kg	250kg

Semi-automatic

Blow Molding Machine(for 5-25L)



Technical Parameter

Model			KM-12	KM-9B
Container	Product material	/	PET	PET
	Volume	L	10-25(3-5gallon)	5-10
	Theoretical output	pcs/h	60-180	250-400
	Height	mm	≤500	≤390
	Preform inner diameter	mm	≥Φ16	≥Φ16
Mould	Max.mould plate Diameter(L*W)	mm	420*500	470*500
	Max.mould thickness	mm	400	370
	Clamping force	kn	330	100
	Mould opening stroke	mm	318	350
	Main machine(L*W*H)	cm	2180*770*1960	1930*720*1830
Machine size and weight	Main machine weight	kg	1000	800
	Heater(L*W*H)	cm	2370*680*1650	1870*630*1450
	Heater weight	kg	380	250
	Power	kw	40	17.5

Semi-automatic

Blow Molding Machine(for 0.1-5L)



Technical Parameter

Model			KM-9A	KM-1500A	KM-8Y-H hot filling
Container	Product material	/	PET	PET	PET
	Volume	L	2-5	0.1-2	0.1-1.5
	Theoretical output	pcs/h	300-600	1400-1800	800-1000
	Height	mm	≤350	≤300	≤280
	Preform inner diameter	mm	≥Φ16	≥Φ12	≥Φ12
Mould	Max.mould plate Diameter(L*W)	mm	400*460	350*380	350*380
	Max.mould thickness	mm	260	210	210
	Clamping force	kn	65	45	45
	Mould opening stroke	mm	220	160	160
	Main machine(L*W*H)	cm	1750*670*1860	1600*620*1610	1600*600*1610
Machine size and weight	Main machine weight	kg	600	500	500
	Heater(L*W*H)	cm	1870*630*1450	1870*630*1450	1870*630*1450
	Heater weight	kg	250	250	250
	Power	kw	17.5	17.5	24.8

Semi-automatic

Hot Filling Bottle Blow Molding Machine



Technical Parameter

Machine parameters	Unit	XT600-1	XT1000-1	XT1500-1	XT2500-1	XT1000-3	XT600-4
Number of cavities	Cavity	1	1	1	1	3	4
Clamping stroke	mm	100	100	120	160	120	120
Output	pcs/hr	1500	1500	1100	900	2600	3600
Total power	kw	22	25	30	26	39	28
Power consumption	kw	≤8	≤9	≤12	≤13	≤12	≤15
Pressure for working	kg	10	10	10	10	10	10
Pressure for blowing	kg	30	30	30	30	30	30
Flow rate for working	m ³	0.6	1	1.2	1.5	2	2
Flow rate for blowing	m ³	0.8	1	1.2	1.5	2.5	2
Neck diameter	mm	12-80	12-80	12-90	12-95	24-32	20-38
Max diameter & height	mm	90*235	90*255	90*320	145*320	105*280	65*235
Machine size L*W*H	m	2*1.5*2	2.2*1.5*2	2.2*1.7*1.9	2.45*1.85*1.95	2.1*2.25*2.1	3.98*1.7*1.9
Machine weight	kg	980	1450	1600	1800	3100	2000

Semi-automatic

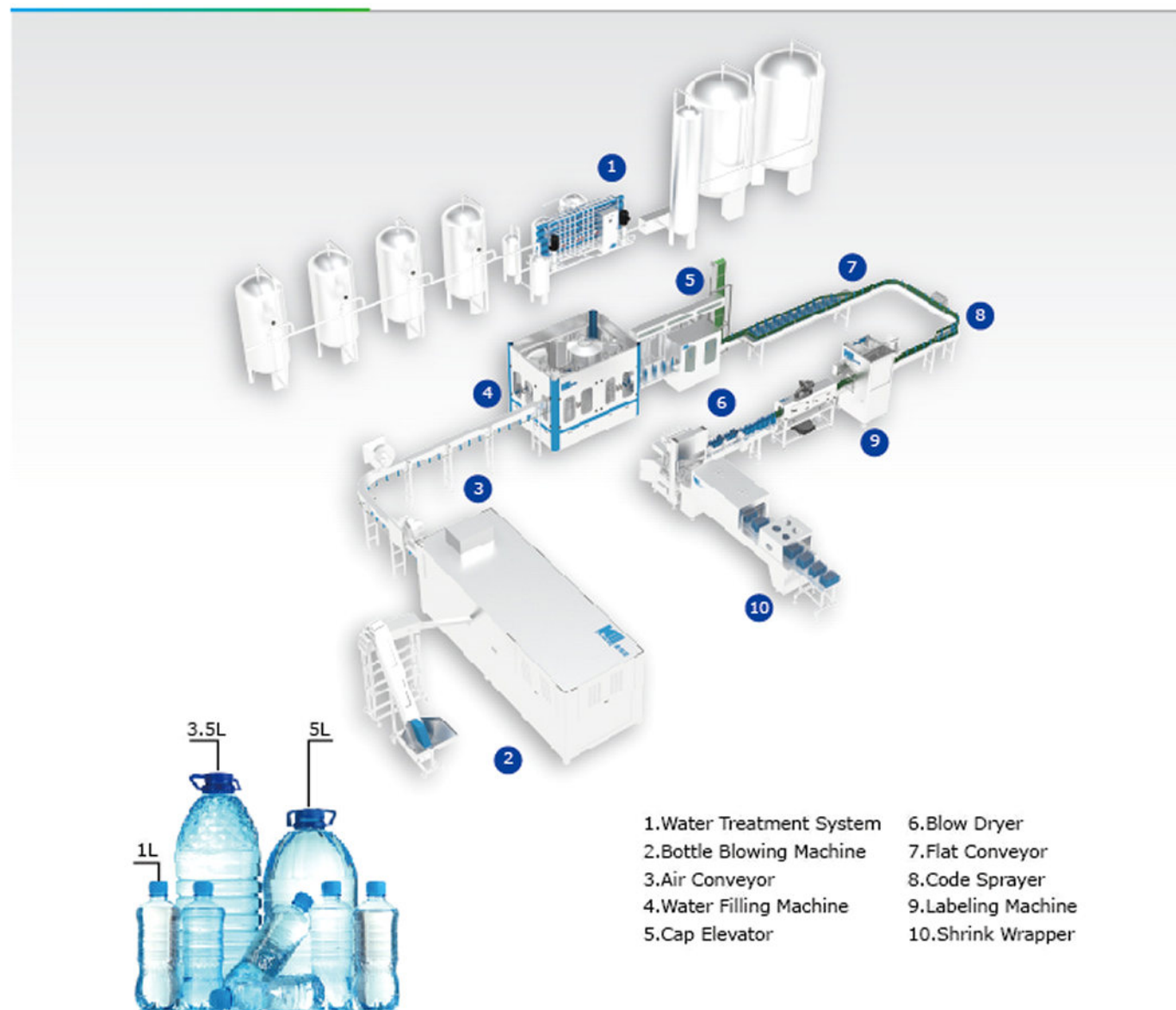
Four Cavities Blow Molding Machine



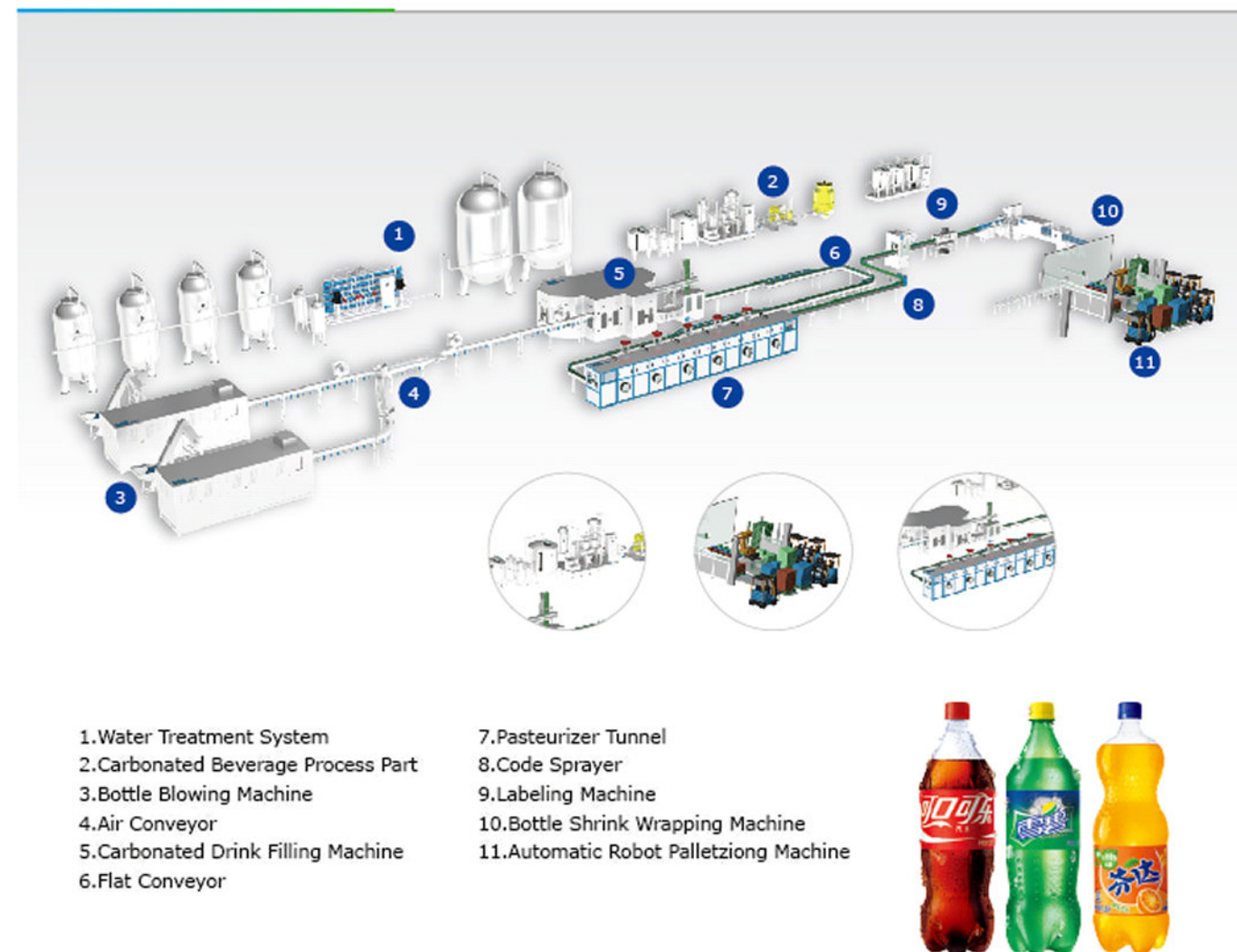
Technical Parameter

Model	KM-SA4
Number of Cavities	4 Cavity
Material	PET/PC/PP/PE
Clamping Force	300KN
Max Clamping Stroke	350mm
Bottom Moving Stroke	60mm
Max.Stretching stroke	380mm
Theoretical Output	200BPH
Max.area of mouldbase	750*420
Max.Mould Thickness	190mm
Space Between Tie Bars	670*340mm

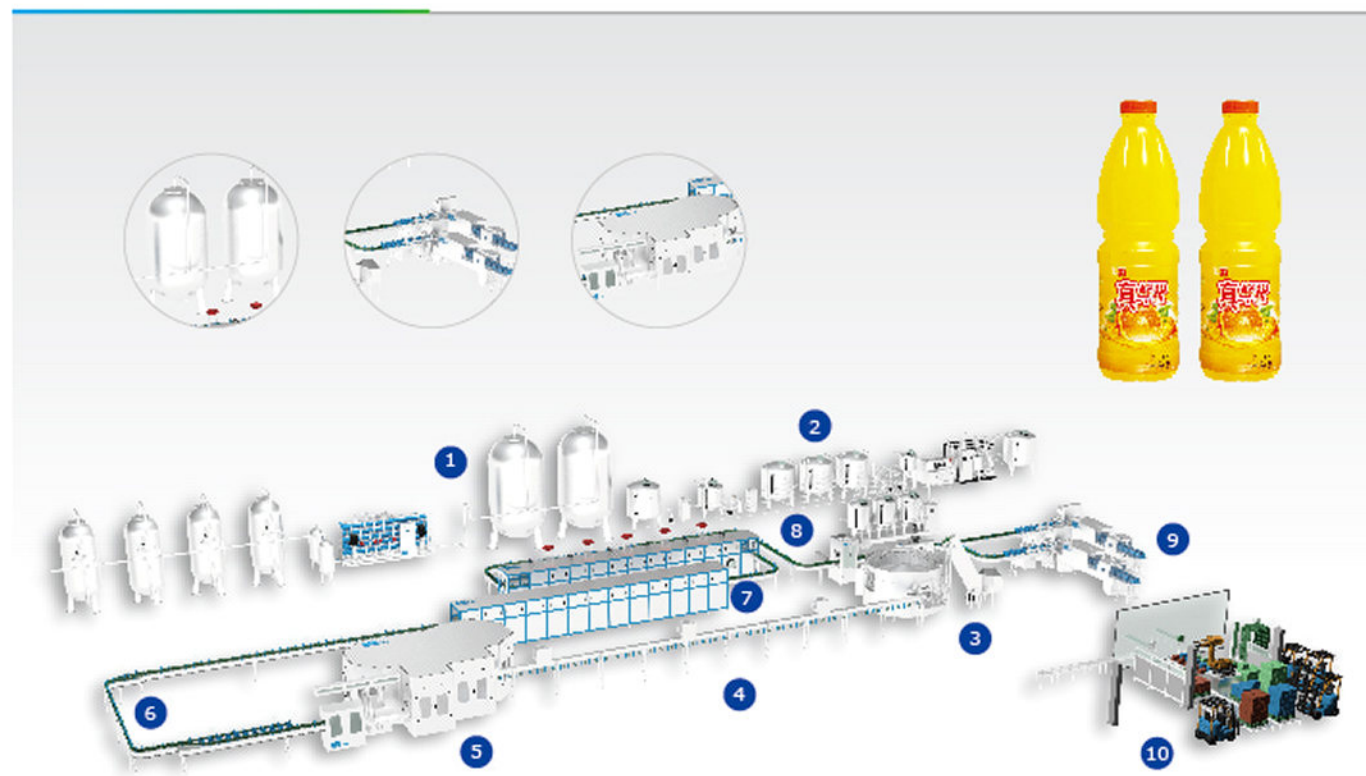
The Production Line of Water



The Production Line of Carbonated Drink



The Production Line of Juice/Tea



- | | |
|--------------------------------|---|
| 1. Water Treatment System | 6. Flat Conveyor |
| 2. Juice Processing System | 7. Bottle Cooling System |
| 3. Automatic Bottle Unscramble | 8. Labeling Machine |
| 4. Air Conveyor | 9. Bottle Shrink Wrapping Machine |
| 5. Juice Filling Machine | 10. Automatic Robot Palletizing Machine |

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