

Company profile

Zhangjiagang comark Machinery Co., LTD. is located in jingfeng Town, Zhangjiagang City, Jiangsu Province. It has international standard workshop more than 10000 square meters. It is one of the professional beverage packaging machinery manufacturers with collecting research, development and manufacturing. It is China's best beverage machinery equipment suppliers. As liquid packaging industry enterprise, the drink service network is all over the world more than 30 countries and regions, products are widely used in drinks, flavor, cosmetic, beer, milk, and pharmaceutical industries. Since company has begun, focused on the professional technology --- beverage packaging machinery, to forge leading beverage packaging machinery, upstream and downstream related both beverage packaging equipment research and development. Always adhere to technological innovation to drive the company development. It has been applied for patents, has formed a unique market with competitive advantage. In order to make our equipment performance better and more stable of operation, our company cooperates with domestic professional institutes, colleges and universities to carry out the combination of the filling machine and optimized the related equipment design, especially with Shanghai jiaotong university school of mechanical engineering. Using Shanghai jiaotong university, wuxi institute of food engineering technology and other universities' strong technology research and development strength, to analyze the foreign advanced technology, digestion on the basis of absorbing foreign advanced technology, to change our original design perfectly, and achieved good results.



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CGF Series

Water Filling 3-in-1 Machine



The machine is mainly used for washing, filling, sealing non-carbonated drink such as mineral water, pure water and so on. The machine shorten the contact time of the drink material and outside, increasing the sanitation condition, productivity and economy benefit.

■ Characteristics

The suspending bottle-neck conveyor structure makes the bottles stably during the high-speed moving conditions, and make changing bottle model more conveniently. Human-machine interface touch-screen and PLC program make it a high degree of automatic production. All parts that have directly contact with the water are made of high quality stainless steel. The main electrical components are from international famous companies, such as Mitsubishi, Schneider, Omron.



■ Main Technological Parameter

Model	CGF 14-12-5	CGF 18-18-6	CGF 24-24-8	CGF 32-32-10	CGF 40-40-12	CGF 50-50-15	CGF 60-60-15
Capacity(500ml/bph)	3000-4000	4000-6000	8000-10000	12000-14000	16000-18000	20000-24000	25000-28000
Suitable Bottle Shape	PET Circular or Square						
Bottle Diameter(mm)	Φ50-Φ115						
Bottle Height(mm)	150-320						
CAP	Plastic Screw Cap						
Power(km)	4.23	5.03	6.57	8.63	10.68	12	13
Size(mm)	2230*1630*2250	2360*1830*2250	2900*2200*2250	3880*2200*2250	3700*3000*2350	4500*3300*2350	5600*4000*2450
Weight(kg)	2200	2500	4200	6000	7000	9000	11000

DCGF Series

Carbonated Drink 3-in-1 Filling Machine



■ Usage and Characteristics

The series equipment is used to fill all kinds of carbonated drinks contained in PET bottle. It realize washing, filling and capping in one machine with complete automation, and is suitable for all kinds of bottles. The bottleneck blocking makes the process of changing bottles easy by only adjusting the height of conveyor chain. The filling process adopts the micro-pressure technology, which makes filling process faster and more stable. The main machine adopts advanced PLC control, and the key electric elements are from famous international brand. The equipment is designed scientific and reasonable with high production and quality.

■ Main Technological Parameter

Model	DCGF 14-12-5	DCGF 18-18-6	DCGF 24-24-8	DCGF 32-32-10	DCGF 40-40-12	DCGF F50-50-12	DCGF 60-60-15
Capacity(500mlbottle/h)	2000-3000	3000-5000	5000-7000	7000-10000	10000-15000	16000-20000	20000-24000
Filling precision	≤+5 (liquid level)						
Filling pressure	≤0.4Mpa						
Bottle height	160-320mm						
PET bottle specification	Bottle diameter 50-115mm , Height 160-320mm						
Suitable cap shape	Plastic screw cap or crown cap						
Total power	4.4	5.2	6.2	6.2	7.5	11	15
Overall dimensions	2250×1650×2250	2600×1965×2200	2980×2200×2250	3880×2200×2250	4000×2250×2500	5500×3500×2500	6500×5500×2550
Weight(kg)	2500	3500	4500	6000	7200	8500	9500

QHS Series

Drink Mixer



■ Usage and Characteristics

QHS series drink mixer is designed and made for improving the proportion of water , syrup and carbon dioxide. It adopts foreign advanced technology static mixer to lighten water layer, increase carbonizing time, ensure mixing efficiency. Adopt carbon dioxide backflow deoxidization , which can save carbon dioxide and deoxidize. High quality water pump and SIEMENS electrical equipment and other parts make up a complete automatic control system. It has coordinating action, beautiful appearance, convenient washing, high automatic level and other advantages. It is suitable for mixing all kinds of drinks, such as soda water, fruit juice, cola and other soft and hard drinks.

■ Main Technological Parameter

Model	QHS-1500	QHS-3000	QHS-4000	QHS-5000	QHS-6000
Production Capacity(kg/h)	1000-1500	3000	4000	5000	6000
Adjust Proportion of Syrup and Water	1:3-1:10				
Gaseous Quantity	1.5-2.5	>2.5	>2.5	>2.5	>2.5
Cool Water Entry Temperature(°C)	0-5				
Working Pressure of Carbonized and Syrup Tank(Mpa)	0.05-0.15				
Storage Tank Working Pressure(Mpa)	0.2-0.5				
Power(kw)	1.5	3.7	4.05	5.6	6.2
Dimension(mm)	900×700 ×2000	1720×1140 ×2100	1860×1300 ×2100	1960×1400 ×2150	2020×1500 ×2200
Weight(kg)	500	1100	1300	1660	1800

RCGF Series

Juice Hot Filling 3-in-1 Machine



■ Usage and Characteristics

The series equipment is used in hot filling and sealing of tea, fruit juice drink and etc. The machine integrates washing, filling and capping together. It is good equipment for hot filling with scientific and reasonable design and easy operation.

The machine adopts bottleneck blocking and filling valve rise-drop design, and it satisfies for 95 ℃ hereinafter hot filling technology demand. The function of fluent and fast filling action, high filling precision, reliable capping and low material loss makes it effectively prevent secondary pollution of the neck. It can achieve the replacement of different bottles only by exchanging equivalent parts.

It adopts person-machine interface touch screen, PLC, transducer etc advanced control technology with high automation in the whole process. The machine main electrical parts are from famous international manufacturer.

■ Main Technological Parameter

Model	RCGF 14-12-5	RCGF 18-16-6	RCGF 24-24-8	RCGF 32-32-10	RCGF 40-40-12
Production Capacity:500ml(b/h)	3000-4000	4000-6000	8000-10000	10000-12000	12000-15000
Filling precision	≤5mm (liquid level)				
Filling pressure(Mpa)	≤10%				
Suitable bottle standard:(mm)	Bottle diameter:Φ50-92 bottle height:150-310mm				
Suitable cap standard:(mm)	Plastic screw cap				
Total power(kw)	5.88	6.88	7.68	9.18	11.28
Overall Dimension(L×W×H,mm)	2100×1500×2200	2450×1800×2200	2750×2180×2200	3600×2200×3150	4500×3400×3150
Total Weight:(kg)	2500	3000	4000	5000	6000

RCGGF Series Big Size Pieces(Paste,Oil etc.)4-in-1 Rinsing-Filling(Filling)-Capping Mono-block

This Machine is composed of Rinsing-(Big Size)Fruit Pulp Filling-Juice Filling-Capp;The Pulp filling system adopts piston technology,So the machine is suitable for bigger size fruit pulp filling,we also have technology for normal size fruit pulp juice filling by 3-in-1 Mono-block machine.



■ Main Technological Parameter

Model	RCGGF 18-12-16-5	RCGGF 24-16-24-8	RCGGF 32-18-32-8	RCGGF 40-24-40-10	RCGGF 50-32-50-12
Production Capacity(500ml)(b/h)	5000-6000	8000-10000	10000-12000	15000-16000	18000-20000
Total Oower(kw)	7.68	8.68	10.18	12.28	13.28



FCGF Series

Wine, Vodka, Whiskey, Glass Bottle Filling 3-in-1 Machine

■ Technical Characteristics

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 modulation 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.

Some of the machine parts can be adjusted to fit different sizes of bottles.

The material height in the bottle is controlled by electric probe to assure the precise liquid level.



■ Main Technological Parameter

Model	BGF12/6	BGF18/6	BGF24/6	BGF32/6
Production Capacity(500ml)	1000-1200B/H	2000-3000B/H	4000-5000B/H	6000-8000B/H
Total power	1.5kw	2.4kw	3.75kw	5.6kw
Weight	2000kg	2400kg	3000kg	3500kg
Overall dimension	1700×1100×2300mm	1830×1320×2300mm	1950×1580×2500mm	2100×1850×2500mm

Automatic

Oil Filling Machiner

■ Usage and Characteristics

This type machine is suitable for filling viscous, inviscid and corrosive liquid. It's widely applied in plant oil, chemical liquid and daily industry.

This series includes rotation and linear two types, which can be chosen by customs. Filling capacity can be adjusted from 250ml to 2000ml.

Protection device for overload clutch is set at the thumb wheel of bottle input and output. It will automatically stop and alarm if abnormal case happens.

With liquid crystal display, and quantify accurately. Vacuum anti-dropping device ensures no leaking situation in production.

It is simple and rapid for changing the varieties with unique design and superior capability.. It is a set of high



■ Main Technological Parameter

Model	PF-R8-4	PF-R12-5	PF-R18-6	PF-R24-8	PF-R32-10
Filling Heads	8	12	18	24	32
Capping Heads	4	5	6	8	10
Filling Volume	200ml-1000ml, 500ml-2000ml				
Capacity (B/H)	2800	3500	7000	10000	16000
Filling Tolerance	±4%				

QGF 3-5 Gallon Bottle Filling Line



BS-1 Pull Lid And Scrub Barrel Machine



This filling line specially produce 5 gallons barreled drinking water,those types(barrels/hour) are:100 type,150 type,200 type,300 type,450 type,600 type,1200 type.It integrates bottle washer,filler and sealer into one unit.in order to achieve the purpose of multiple injections of washing and sterilizing by means of liquid washing and bleaching are used in bottle washer,washing solution can be used circularly.The sealer can seal barrel caps automatically.This line equips with water spraying device to sterilize capes of bottles in order to ensure those caps are aseptic and healthy,also this line can automatically carry out barrel feeding,washing,sterilizing,filling,capping,counting and products discharging.It is a nes king of barreled wster auto-producing line.Which integrates mechanism,electricity and pneumatics technologies together.



QGF-300



QGF-400



Model	QGF-100	QGF-240	QGF-300	QGF-450	QGF-600	QGF-900	QGF-1200	QGF-1500	QGF2000
Filling Heads	1	2	2	3	4	5	7	8	10
Volume	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9
Barrel size	ø270×490	ø270×490	ø270×490	ø270×490	ø270×490	ø270×490	ø270×490	ø270×490	ø270×490
Capacity	600-100	100-240	250-300	450	600	900	1200	1500	2000
Gas pressure	0.4-0.6	0.4-0.6	0.4-0.6	0.4-0.6	0.6	0.6	0.6	0.6	0.6
Gas consumption	0.37	0.37	0.6	0.8	1	1.5	1.5	1.5	1.5
Motor power	1.38	1.75	3.8	3.8	7.5	9.75	13.5	13.5	13.5
Rated Voltage	380V/50HZ	380V/50HZ	380V/50HZ	380V/50HZ	380V/50HZ	380V/50HZ	380V/50HZ	380V/50HZ	380V/50HZ
Weight	680	800	1500	2100	2500	2800	3500	3800	3900

3-5L Bottle Water Filling Line



The equipment is used in production of non-carbonated drink of minerals and pure water packed in polyester bottles-3L,4L and 5L. It mixed washing,filling and capping in one machine. The whole machine have scientific and reasonable design, beautiful appearance, complete functions, easy operation and maintenance, a high degree of automation. The filling is fast, the amount of liquid is accurately controlled. It adopts the chain channel to deliver, wash, fill and seal the bottles. You could replace the bottles freely by changing the dial guide plate, as long as that the dimensions of sealing surface, bottleneck and cap are the consistent. The magnetic torque is used for screw capping to achieve grab and screw caps.

The power of screw capping can be adjusted without steps. The power of the screw capping can also be fixed, and the caps will not be damaged, the capping is reliable. The horizontal rotary pneumatic cap sorter with no damage to the surface of the caps, and it could supply the caps in the hopper automatically. The whole machine is controlled by PLC with touch-screen as the human-machine interface.The amount of the drinks in the storage tank can be controlled automatically. The filling and capping will be stopped automatically when there is no bottle. When bottles are cramped wrongly or when caps are not available, the machine can be stopped automatically.

■ Main Technological Parameter

Model	SGF-12-12-5	SGF-16-16-5	SGF-24-24-8
Production Capacity(b/h)	1200-1500	1500-2000	3000-4000
Filling Volume(L)	2.5-5	2.5-5	2.5-5
Rinser-Filler-Capper Quantity	12-12-5	16-16-5	24-24-8
Filling Accuracy(%)	±2	±2	±2
Pneumatic Pressure(Mpa)	0.7	0.7	0.7
Air Consumption(L/min)	800	800	800
Pressure Washing(Mpa)	0.2-0.25	0.2-0.25	0.2-0.25
Rinsing Water Consumption(L/h)	1.8	2.4	2.4
Rated Voltage(V)	380	380	380
Total Power(kW)	2.2	2.2	2.8
Motor Power(kW)	3.5	3.5	4.0
Dimensions(L*W*H)(mm)	3000*2000*2500	3350*2500*2500	3690*2790*2500
Weight(kg)	4000	5000	5000

Washing, Filling and Sealing

Production Line for Pure Water, Mineral Water, Fruit Juice, Wine, etc



■ Application:

This series machine applies for washing, filling and capping all kinds of plastic and glass bottles. The line is widely used in filling all kinds of non-carbonated drinks, such as mineral water, pure water, tea, juice and other liquid.



■ Characteristics:

The key parts for washing, filling and sealing are made of high quality stainless steel, with the features of advanced technology, complete system, easy operation. This line is the ideal equipment for the small and medium factories.

■ Main Technological Parameter

Model	QS-12,GD-12, YQX-1	QS-18,GD-18, YQX-3	QS-24,GD-24, YQS-6
Capacity(bottle/hour)	2000	4000	6000
Total Power(KW)	3.13	4.45	5.25
Overall Size(mm)	1100*1100*1800 1000*900*2000 900*700*2200	1100*1100*1800 1000*900*2000 1000*900*2200	1500*1500*2000 1500*1500*2000 1000*800*2200

LP Series

Bottle Unscrambler



The machine is used for ordering disordered polyester bottles. The disordered bottles are carried into the storing bottle section by elevator. 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 remove non-standard bottles.

■ Main Technological Parameter

Model	LP-1	LP-2	LP-3
Diameter(mm)	2450	2600	3000
Production capacity(bph)	8000-10000	12000-15000	18000-24000
Suitable bottle type(mm)	Bottle diameter:Φ50-Φ90 bottle height:150-290		
Gas source pressure(Mpa)	0.7	0.7	0.7
Gas consumption(m³/min)	0.4	0.6	0.8
Main motor power(kw)	1.5	2.2	4
Weight(kg)	3000	4000	6000
Overall dimension(mm)	3100×2450×2200	3300×2600×2200	3700×3000×2200

POP CANS DRINKS PRODUCTION LINE

(NON-CARBONATED/CARBONATED/VEGETABLE PROTEIN/TEA)

This kind of production line is mainly used for washing filling and capping for pop-top cans, which are made of tinplate, aluminum and PET material. It has functions of lifting the cans automatically, reverse automatically washing filling and capping. It can reach the big capacity. It is the ideal machines for producing the carbonated drink, like COKE COLA, PEP, SI COLA.

■ Main Technological Parameter

Model	GF12-4	GF18-4	GF24-6A	GF36-6	GF48-8
The number of capping head	4	4	6	6	8
The number of filling head	12	18	24	36	48
Production capacity	30-170cans/min	30-250cans/min	30-300cans/min	80-400cans/min	80-600cans/min
Can diameter	Φ 52.5-99mm	Φ 52.5-99mm	Φ 52.5-85.5mm	Φ 52.5-99mm	Φ 52.5-72.9mm
Can height	39-160mm	39-160mm	39-160mm	39-160mm	39-160mm
Power	5.5KM	5.5KM	7.5KM	7.5KM	11KM
Weight	3100Kg	3800Kg	4400Kg	5000Kg	7750Kg
Dimension	2700×1400×1900mm	3050×1750×1900mm	2875×1775×1900mm	3660×2530×1900mm	3650×2530×2100mm



CANS DEPALLETER

TXD-150 empty cans unloading stacking machine is mainly used in unloading operation of tin cans and aluminum cans, to make the empty cans stacked on pallets to the mesh conveyor under a layer of a layer by pushed. Then transport to empty cans spray washer by the conveyor to replace labor and save manpower.

■ Main Technological Parameter

Model	X6400
Production capacity	30-400cans/min
Applicable tank height	39-168mm
Tank diameter	Φ52.2-99mm
Power(kw)	2.5kw
Weight	2500kg
Dimension	7500×2100×3150mm

Code Printer



The equipment adopts international advanced septal inner pump technology with ink pump, solvent pump, back pump and cycling pump together. It is of high automation and can print production date and bar code.



Sleeve Label Machine



■ Main Technological Parameter

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. It is controlled by micro-computer; automatic detection and position.

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.

Model	SL-150	SL-250	SL-300	SL-400
Production capacity	100-150B/Min	250B/Min	300B/Min	400B/Min
Suitable bottle diameter	Φ28-Φ125mm			
Suitable label material	PVC PET OPS			
Label thickness	0.03mm~0.13mm			
Weight	450Kg	550Kg	600Kg	700Kg
Overall dimension	2100x850x2000	2100x850x2000	2100x1100x2000	2500x1200x2200

Automatic Film Shrink Wrapping Machine



■ Characteristic:

With full automatic functions of bottle transfer and arrange, membrane packing, sealing and cut, shrinkage, cooling and shaping, etc.

Adopt with PLC automatic program circulation control with stable and reliable performance. 3 layers of heat insulation treatment with good insulating property, quick temperature rise and energy saving.

The enhanced cooling shaping passage can quickly turn the packing membrane into high strength status that is conveniently stored and transported.

It is easy to change the packaging combination and bottle type to integrate the multi-function into one machine.

■ Specification:

Dimension for the whole unit: L6000mm × W3270mm × H2100mm
 Thermal shrinkage passage dimension: L1800mm × W650mm × H450mm
 Max. package dimension: L600mm × W400mm × H350mm
 Transfer belt dimension: 800-1200mm
 Packaging speed: 8-10Pgs/minute
 Operating power supply/power: 380v 19kw
 Sealing and cut time/temperature: 0.6-1.5s 160℃~180℃
 Operating air pressure: 0.6-0.8Mpa
 Air consumption: 0.3m³/minute

DP Series

Bottle Inverse Sterilizer Machine



■ Usage and Characteristics

It is mainly used in sterilizing PET bottle mouths and inside surface of caps which haven't been disinfected after filling thermal tea or fruit juice in PET bottles. It mainly consists chief conveying system, bottle reserving chain system, support, bottle reserving guiding and repositioning rod. It uses its inner thermal medium to disinfect bottle mouths and caps without any other heat source to save energy.



Bottle Cooler & Warmer

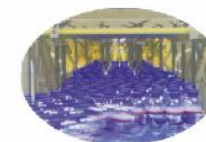


■ Usage and Characteristics



Based on advanced technologies from Germany, Italy and Taiwan, we developed this new type of bottle cooling/warming machine. Its working process can be divided into 3 stages, circulating hot water spraying, warm water pre-cooling and cold water cooling. The temperature and time can be setting according to the requirements of user. The machine is suitable for all kinds of bottled or canned beverage, also is used for warming carbonated beverage and cooling hot beverage. It has advantages of supermatic program control, easy and reliable operation and nice appearance, which is an ideal sterilization equipment.

High Speed Auto Shrink Packing Machine



■ Characteristic:

Specially designed and manufactured for the high-speed packing requirements of drinks (pure water, beverage, fruit juice and milk product). During the product forward conveying process, it can automatically group the product into package, so as to save time and enhance packing efficiency. Touch screen operating panel with user-friendly interface and convenient parameter setup, absolutely an easy-to-operate machine. The ideal model of middle-speed heat-shrinking packager is the first choice in the market.

■ Technical Parameter:

Dimension for the whole unit: L11450mm × W1100mm × H2100mm
Thermal shrinkage passage dimension: L2400mm × W650mm × H450mm
Max. package dimension: L600mm × W400mm × H350mm
Transfer belt dimension: 550mm
Packaging speed: 15-20Psc/min
Operating power supply/power: 380v 35kw
Sealing and cut time/temperature: 0.5-1s 180℃-210℃
Operating air pressure: 0.6-0.8Mpa
Air consumption: 100NL/min

Automatic PET Bottle Blowing Machine



■ Main Technological Parameter

YQC series fully automatic machine is developed by advanced bottle blowing technology, it has the advantage of high-level fully automatic, stable working performance, simple structure but high working efficiency. Also, these models are energy-saving, low noise, prevent production from polluting during the working process. These models are widely used in blowing drinking bottles, cosmetics bottles and medical bottles etc. So far, Eceng has provided more than 800 blow moulding machines for more than 100 countries in the world. We will always keep researching, supply better service and stable machine to our customer, all what we do is to make sure us and our customer to be the leader of our industry.

■ Main Technological Parameter

	Item	YQC-2L-2	YQC-2L-3	YQC-2L-4
Bottle type specification	Cavity	2	3	4
	Theory output	2400-2700	3500-4000	4500-5000
	Max. volume	2L	2L	2L
	Bottle mouth maximum overall diameter	80mm	28-38mm	28-38mm
	Bottle biggest diameter	100mm	100mm	100mm
	Bottle maximum height	330mm	330mm	330mm
Power specifications	Light tube quantity	32pcs	32pcs	32pcs
	Light tube power	0.75KW	1.25KW	1.25KW
	Maximum heating power	24KW	40KW	40KW
	All electric machine installation	27KW	43KW	43KW
	Actual consumption	8.1KW	21.5KW	21.5KW
Air pressure specification	Work pressure	7-9kg/cm ²	7-9kg/cm ²	7-9kg/cm ²
	Low-pressure gas consumption	1000L/min	1600L/min	1600L/min
	Blow bottle pressure	25-35kg/cm ²	25-35kg/cm ²	25-35kg/cm ²
	Higher-pressure gas consumption	1500Ltr/min	2500Ltr/min	3000Ltr/min
Forzen water specification	Work pressure	5-6kg/cm ²	5-6kg/cm ²	5-6kg/cm ²
	Temperature range	10℃	10℃	10℃
	Consumption	5000kcal/hr	8000kcal/hr	8000kcal/hr
	Forzen water flow	30L/min	88L/min	88L/min
Machine specification	Size of the machine	2.25×1.6×1.7	4.0×1.6×1.9	4.5×1.6×1.9
	Weight of the machine	2.5ton	3ton	3.5ton



■ Main Technological Parameter

	Item	YQC-2L-6	YQC-2L-8	YQC-10L-1	YQC-20L-1
Bottle type specification	Cavity	6	8	1	1
	Theory output	6000-8500	8000-12000	500	300
	Max. volume	2L	2L	10L	20L
	Bottle mouth maximum overall diameter	28-38mm	28-38mm	150mm	150mm
	Bottle biggest diameter	100mm	100mm	240mm	350mm
	Bottle maximum height	330mm	330mm	450mm	550mm
Power specifications	Light tube quantity	32pcs	32pcs	48pcs	48pcs
	Light tube power	1.25KW	1.5KW	1.5KW	1.5KW
	Maximum heating power	40KW	54KW	72KW	72KW
	All electric machine installation	43KW	57KW	75KW	75KW
	Actual consumption	30.1KW	40KW	37.5KW	52.5KW
Air pressure specification	Work pressure	7-9kg/cm ²	7-9kg/cm ²	7-9kg/cm ²	7-9kg/cm ²
	Low-pressure gas consumption	1600L/min	1600L/min	1600L/min	1600L/min
	Blow bottle pressure	25-35kg/cm ²	25-35kg/cm ²	25-35kg/cm ²	25-35kg/cm ²
	Higher-pressure gas consumption	4000Ltr/min	4800Ltr/min	2000-3000Ltr/min	2000-3000Ltr/min
Forzen water specification	Work pressure	5-6kg/cm ²	5-6kg/cm ²	5-6kg/cm ²	5-6kg/cm ²
	Temperature range	10℃	10℃	10℃	10℃
	Consumption	8000kcal/hr	12000kcal/hr	8000kcal/hr	12000kcal/hr
Machine specification	Forzen water flow	88L/min	88L/min	88L/min	88L/min
	Size of the machine	5.3×1.6×1.9	8.45×1.6×1.9	2.7×1.5×1.7	5.2×2.0×2.0
	Weight of the machine	4ton	5ton	3.6ton	6ton



■ Main Technological Parameter

YCQ 5L series is two step fully automatic blowing machine specially designed for big bottle, this model has the advantage of high-speed, energy-saving as well as versatile. Best choice for blowing oil bottle, water bottle and juice bottle.

■ Main Technological Parameter

	Item	YCQ-5L-1	YCQ-5L-2	YCQ-5L-3	YCQ-5L-4
Bottle type specification	Cavity	1	2	3	4
	Theory output	700-800	1500	2000-2500	3500-4000
	Max. volume	5L	5L	5L	5L
	Bottle mouth maximum overall diameter	150mm	150mm	150mm	150mm
	Bottle biggest diameter	180mm	180mm	180mm	180mm
	Bottle maximum height	400mm	400mm	400mm	400mm
Power specifications	Light tube quantity	32pcs	32pcs	48pcs	64pcs
	Light tube power	1KW	1.5KW	1.5KW	1.5KW
	Maximum heating power	32KW	48KW	72KW	96KW
	All electric machine installation	35KW	51KW	80KW	130KW
	Actual consumption	24.5KW	35.7KW	50KW	90KW
Air pressure specification	Work pressure	7-9kg/cm ²	7-9kg/cm ²	7-9kg/cm ²	7-9kg/cm ²
	Low-pressure gas consumption	1200L/min	1600L/min	1600L/min	1600L/min
	Blow bottle pressure	25-35kg/cm ²	25-35kg/cm ²	25-35kg/cm ²	25-35kg/cm ²
	Higher-pressure gas consumption	4000Ltr/min	3400Ltr/min	4000Ltr/min	4000Ltr/min
Forzen water specification	Work pressure	5-6kg/cm ²	5-6kg/cm ²	5-6kg/cm ²	5-6kg/cm ²
	Temperature range	10℃	10℃	10℃	10℃
	Consumption	4000kcal/hr	6000kcal/hr	8000kcal/hr	8000kcal/hr
	Forzen water flow	30L/min	50L/min	88L/min	100L/min
Machine specification	Size of the machine	2.4×1.5×1.7	4.7×1.6×1.9	5.8×1.6×1.9	6.2×1.9×2.2
	Weight of the machine	2ton	3ton	5ton	5.5ton

Semi-automatic Bottle Blowing Machine

■ Usage and Characteristics

Semi-automatic bottle blowing machine can blow plastic bottles for water, oil, juice, carbonated drinks and etc. One drying tunnel is matched with two blowers, which is small in size, productive and energy-saving, and fit to blow plastic bottles of various raw material in a big quantity.



■ Main Technological Parameter

ITEM	01	01
Volume Of Product	0.3-2L	0.3-2L
Production Capacity	800Pcs / h	1600Pcs / h
Neck Size Of Product	< 75mm	< 75mm
Blowing Air pressure	YM-2P-Bs3.0Mpa	YM-2P-Bs3.0Mpa
Power Of Main Blower	0.1kw	0.1*2kw
Power Of Preheater	16kw	16kw
Weight Of Main Blower	580kgs	580*2kgs
Weight Of Preheater	200kgs	200kgs
Measurement Of Main Blower	1640×600×1650mm	1640×600×1650mm
Measurement Of Preheater	1800×580×1350mm	1800×580×1350mm

Semi-automatic

Clean-in-place

The CIP equipment is used to clean at site of material pipe of the industries like milk products, juice, beverage and etc. A centrifugal pump is used in CIP to convey cleaning liquid into material pipe and equipment recipients to force the cleaning liquid to circulate to make cleaning without taking apart pipes or equipment. By this, capacity utilization rate of the machine can be improved and, at the same time, lessen intensity of labor.



Plate Sterilizer

It is mainly used for heating and sterilizing in juice, tea beverage, fresh milk, alcohol and other heat sensitivity liquid, also keeping warm and cooling, with the sterilization temperature at 85℃-135℃.

ZR Series

Double Filter

The equipment is used for filtering liquid, such as sugar liquor, fruit juice, beverage and milk. Continuous operation. Easy to replace filtering screen.



LY Series

Cold Water Drink Tank and Refrigerator

The machine adopts Freon compressor, using F-12 as refrigerant. Cold drink is made by water tank evaporator, and the machine equipped with pressure relay and temperature regulator. It is the necessary equipment for aerated water and sparkling wine production.



Automatic

Self-adhesive Machine

Instructions: It can independent work or connect to the conveyor
Bottle types: Glass bottle, plastic bottle and so on.
Circle, square figure or taper.

Alarm function: There is no colorful belt warning label, lack of label, and broken label warning.

Bottle diameter: 10-120mm High 20-300mm
Label scope: High 15-150mm Length 25-300mm

Scroll inner diameter: 76mm
Scroll outer diameter: 300mm(max)

Labelling speed: 200-400 bottle/minute

Accuracy error: ± 0.5 (Depending on the bottle cone and vertical degree)

Electric power: 200V 50/60HZ 1.2KW

Weight: 220kg

Outer size: 1500 × 800 × 1300mm



Pate Type Automatic

Labeling Machine

This is paste type labeling machine. It first takes the resin adhesive by pole and then sticks the label to vacuum belt and puts the label on the bottle.

It is easy to change different types and shapes bottles. The operation is clean and clear.



Automatic oil filling machine

Usage and Characteristics

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 intergration controlling. It's simple and rapid for changing the varieties with unique design and superior capability, it's 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. Electric adjusting for volume system, frequency control and photoelectric detecting system(Germany TURCK brand) are applied in this machine.



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. Filling productivity may exceed 6-15 barrels/min.



Power Automatic Packing Machine

Product Recommendation

The screw 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 grains.



SJY-1000A/B/C Series Auto Liquid Sealing Machines

Product Recommendation

This series is widely 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.



Main Technological Parameter

Model	SJY-1000A	SJY-1000B	SJY-1000C
Speeding of Production	1500-2100bags/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

Water

Treatment System



According to customers requirements and the source water quality, we adopt different equipment to produce pure water, mineral water, etc. The main equipments are silica sand filter, active carbon filter, sodium ion exchanger, hollow fiber filter, RO(reverse osmosis), UV sterilizer, precision filter, ozone generator, water tank, etc. The treatment capacity is 0.5-50ton/h. It can effectively get rid of muddy organic matter, iron, manganese and oxide, filter suspended substance, colloid, microorganism, chloride and heavy metal ions in the water, reduce the hardness of the water to make all specifications of the water quality fully meet the state fresh water standard of fresh drink water.

■ Reverse Osmosis Device



The reverse osmosis device is an equipment to purify the saline water with the action of pressure difference of semi-permeable membrane. Water pump-core of the equipment is imported, and the seep film is imported from HAIDENENG CO, in American. It is equipped with a full set of clean unit, it has features of simple structure, convenient operation and high technological level. The quality of the processed water can meet the standard of national drinking water.

Pre-Processing system

Pre-Processing System is applied to making the juice by washing, squeezing, extracting, mixing, emulsifying, homogenizing, filtering and sterilizing.



Conveyor System

The conveyor system is applied to deliver the filled bottle. Most of component is made by stamping and bending. So it is stable, efficient and easy maintenance. It also gives the buffering time between each of machines



Air Conveyor System

The conveyor system is applied to deliver the filled bottle. Most of component is made by stamping and bending. So it is stable, efficient and easy maintenance. It also gives the buffering time between each of machines



Carbon Dioxide Filter ■

The equipment is applied to improve purity of CO₂ and separate impurity. It mainly used in drinking production industry, also suitable for chemical, foodstuff and wine-making industries. The device is of reasonable design, simple construction, beautiful appearance and strong corrosion-resistance.



■ Syrup Cooler

The cooler is the auxiliary equipment for gas water production. It adopts refrigerating compressor using Freon F-12 as refrigerant. It cools syrup to 1-5 through refrigerator with the features of safe and easy operation, stable working process and nice appearance.

Sugar Melting Pot ■

It is equipped with heating device, cooling device and agitator, and has the advantage of simple structure and convenient operation. There are two kinds of types, electrical heating and steam heating.



Blending Tank ■

It is equipped with heating device, cooling device and agitator, and has the advantage of simple structure and convenient operation. There are two kinds of types, electrical heating and steam heating.



Vacuum Degasser Machine ■

The machine is one of the necessary equipments 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.



■ Ultra High Temperature(UHT) Instantaneous Sterilizer

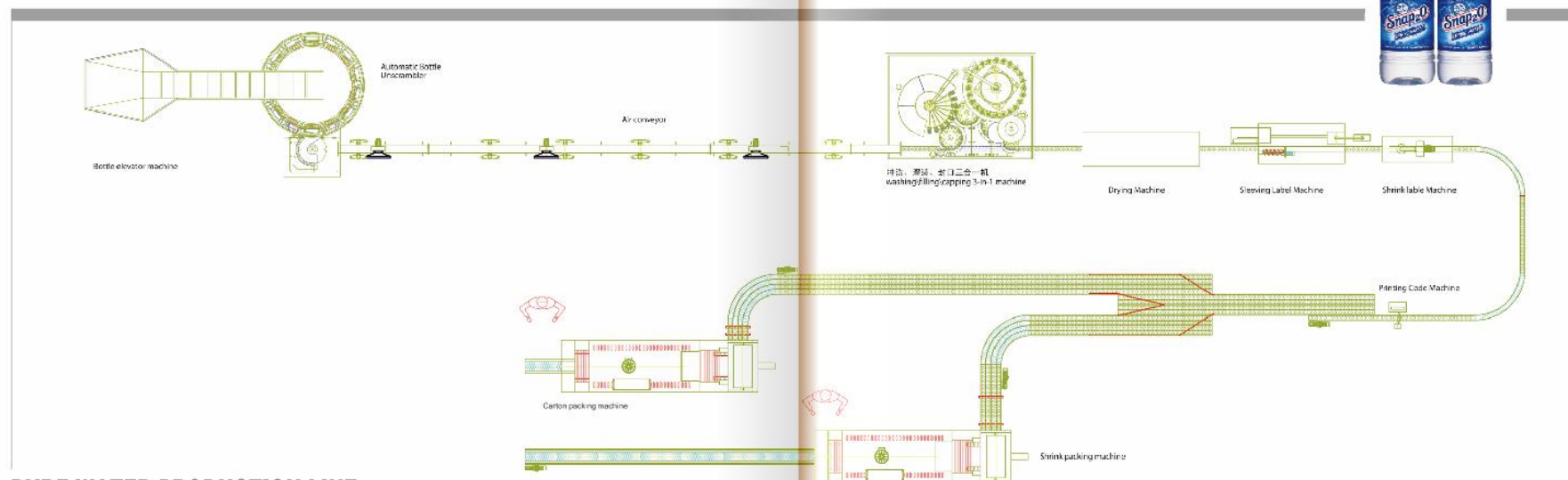
The machine is suitable for liquid material, such as fresh milk, fruit drink, wine, soybean milk and Chinese medicine, as well as the sticky material (sweet condensed milk, etc.) upon completing with high pressure homogenizer. It is an ideal sterilization equipment.

High Pressure Homogenizer ■

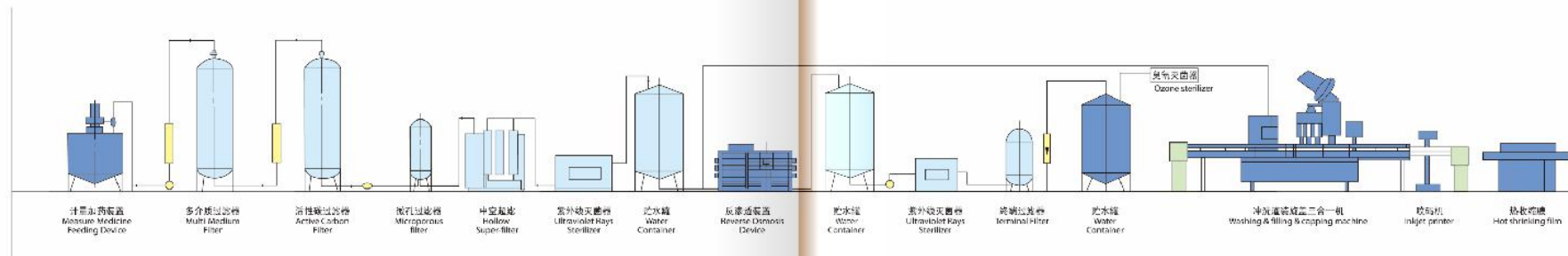
The high pressure homogenizer is a widely used device for homogenizing liquid and material. It is used for ultrafine grinding material, and forming solid and liquid dispersoid, which improves the quality of mixture. The filter is equipped to guarantee the machine operation stable.



TECHNOLOGICAL FLOW SHEET OF NON-CARBONATED DRINK PRODUCTION LINE



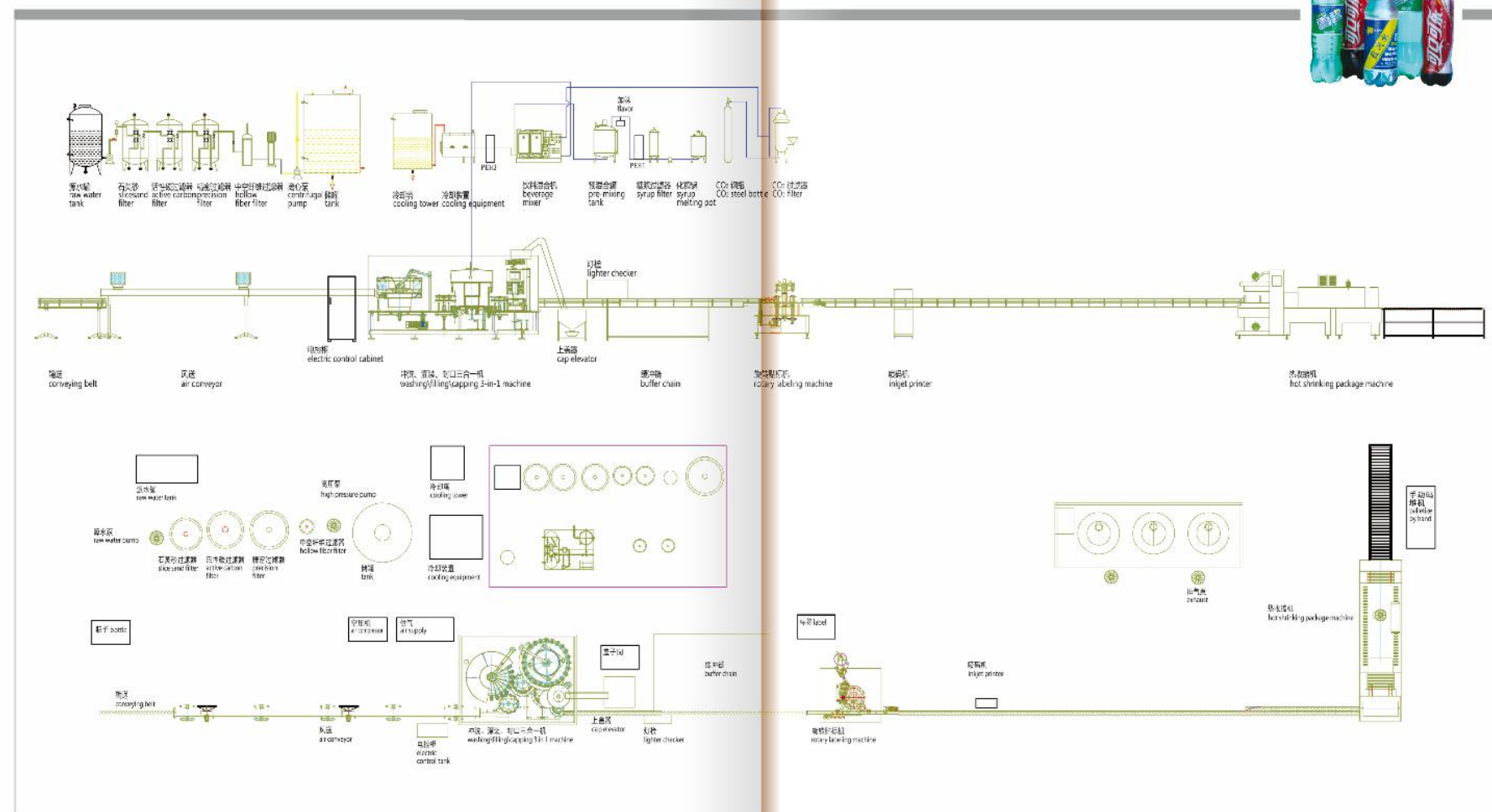
PURE WATER PRODUCTION LINE AND PRODUCTION TECHNIQUE



CARBONATED DRINK PRODUCTION LINE



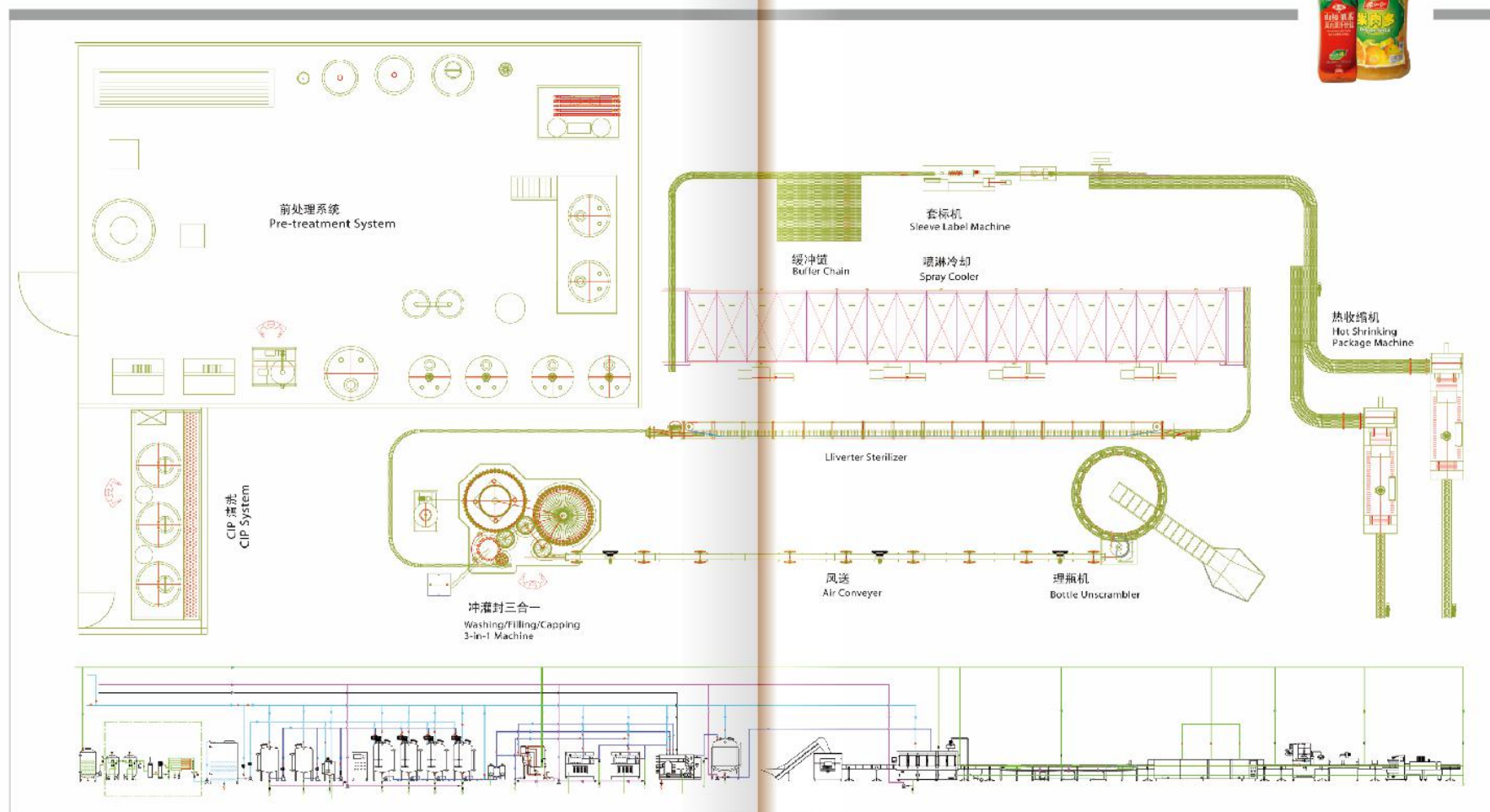
TECHNOLOGICAL FLOW SHEET OF CARBONATED DRINK PRODUCTION LINE



JUICE/TEA HOT FILLING PRODUCTION LINE



TECHNOLOGICAL FLOW SHEET OF THE HOT FILLING LINE





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