

# Anhui Keyo Automation Machinery Equipment Co.,Ltd

Website: [www.anhuikoyogroup.com](http://www.anhuikoyogroup.com) Skype:chenzuyuan8  
[www.keyomachinery.en.alibaba.com](http://www.keyomachinery.en.alibaba.com)

Email: [koyoken@aliyun.com](mailto:koyoken@aliyun.com) [ken@keyomachinery.com](mailto:ken@keyomachinery.com)

Phone:0086-18095652599 Office phone&Fax:0086-551-68998771

安徽省科苑（集团）股份有限公司是于1997年8月成立的国家重点高新技术企业。2000年6月在深圳证券交易所成功上市，成为安徽省首家科研院所改制上市的高科技企业。主要从事生化、食品包装机械及材料、塑胶型材、医药等领域的研究开发、生产经营、成果转化及进出口贸易。

截止2002年底，公司总资产8.05亿元，净资产4.56亿元。注册资本9400万元，职工967人，其中6人为享受国务院和省政府特殊津贴的专家。公司拥有国家脂肪酸技术研究推广中心、安徽省科苑生化研究院、安徽省酶工程技术研究中心等研发机构，下属7个控股子公司、2个分公司。

公司被评为安徽省优秀高新技术企业，先后被列为安徽省55户重点企业集团，安徽省民营10强企业。并被国家科技部认定为国家重点高新技术企业。

## BRIEF INTRODUCTION OF ANHUI KOYO (GROUP) PTY.CO., LTD.

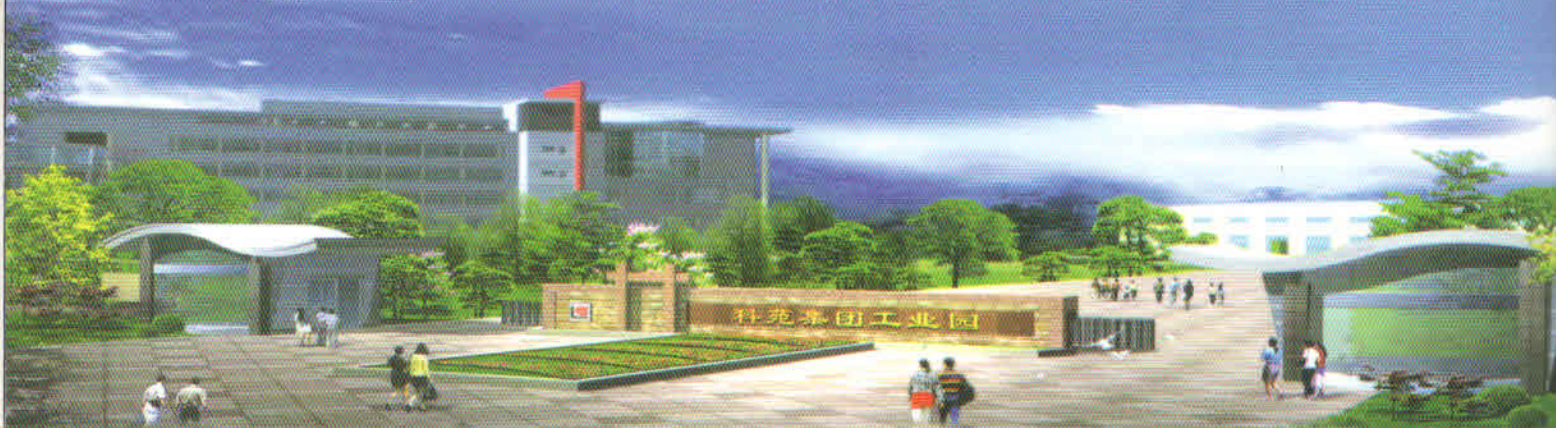
ANHUI KOYO (GROUP) PTY. CO., LTD., which was set up in August, 1997 is a National Key Hi-tech Enterprise. KOYO became the first hi-tech list company which was based on the research academy in Anhui province when it was listed at Shenzhen Stock Exchange in June, 2000. KOYO is mainly engaged in hi-tech R&D, imp/exp trade and manufacturing in the biochemistry, packing machine of food and material, plastic material and pharmaceutical fields.

By the end of 2002, its total assets reached 805 million RMB, and net assets were 456 million RMB. The registered capital of KOYO is 94 million RMB. KOYO has 967 employees, among which 6 experts enjoy the State or Anhui provincial special allowance. KOYO owns State R&D Center of Fattyacid Technology, Anhui KOYO Biochemistry Research Academy, Anhui Research Center of Enzyme Engineering Technology and 9 subordinate holding subsidiaries.

The company is chosen as the Outstanding High-tech Enterprise of Anhui province. It is also one of the 55 Key Enterprise Groups and Top-10 Private Enterprises of Anhui province. A National Key Hi-tech Enterprise title was approved to KOYO by the Ministry of Science and Technology.

COMPANY INTRODUCTION  
COMPANY INTRODUCTION

科苑集团工业园

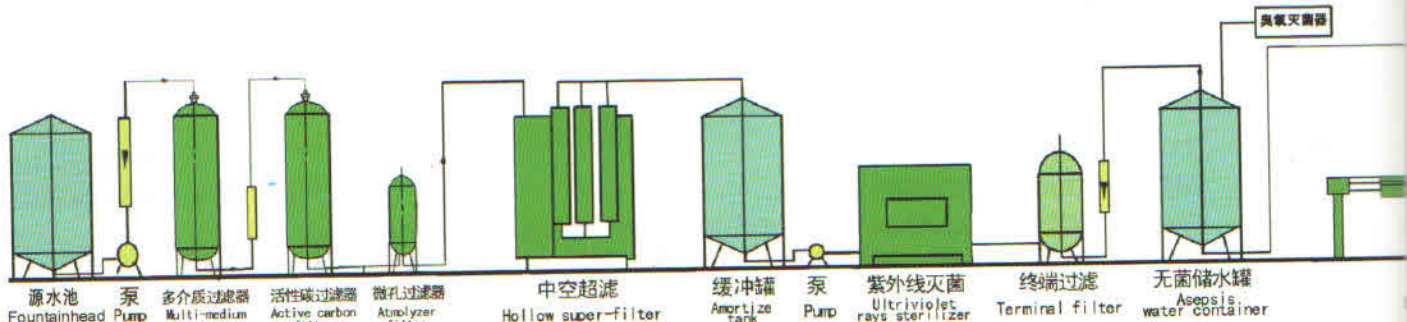


# DIRECTORY

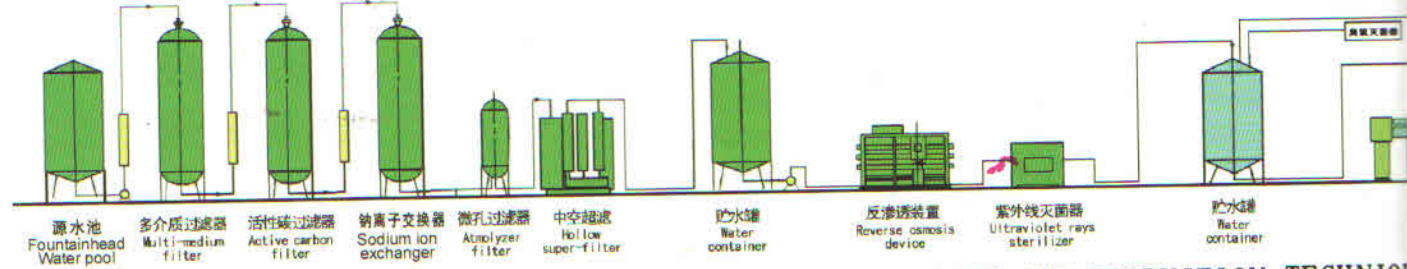
## KOYO MACHINE

### 目 录

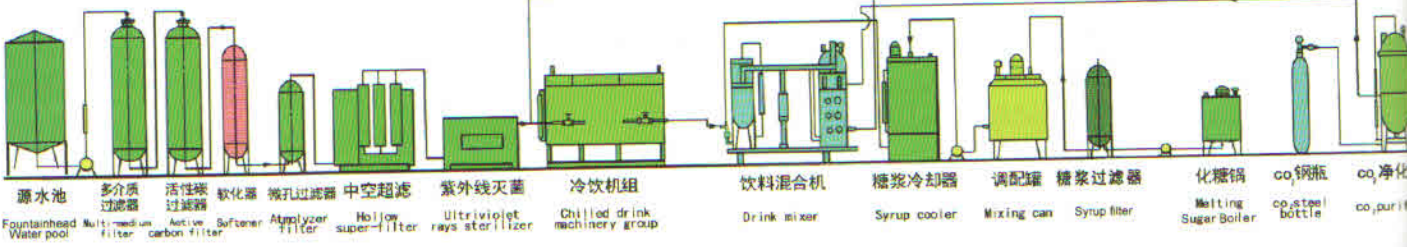
TECHNOLOGY FLOW CHART	PAGE2----PAGE3
BOTTLE BLOWING MACHINE	PAGE4----PAGE5
KY-A TYPE TWO-STEP SEMI-AUTOMATIC HEAT-RESISTANT BOTTLE -BLOWING MACHINE	PAGE4
KY-B TYPE TWO-STEP SEMI-AUTOMATIC HEAT-RESISTANT BOTTLE-BLOWING MACHINE	PAGE4
KY-C TYPE TWO-STEP SEMI-AUTOMATIC BOTTLE-BLOWING MACHINE	PAGE5
FULL AUTOMATIC BOTTLE-BLOWING MACHINE	PAGE5
FILLING PRODUCTION LINE	PAGE6----PAGE11
GFP12A 2000B/H WASHING FILLING AND CAPPING PRODUCTION LINE	PAGE6
GAS CONTAINING DRINK PRODUCTION LINE	PAGE7
NON-GAS DRINK PRODUCTION LINE	PAGE7
QGF SERIES AUTOMATIC BARRELLED PRODUCTION LINE	PAGE8
PLASTIC CAN WITH ALUMINIUM CAP PRODUCTION LINE	PAGE8
XGF SERIES WASHING°¢FILLING°¢CAPPING°¢THREE-IN-ONE UNIT	PAGE9
DCGF SERIES WASHING, FILLING ,CAPPING THREE IN ONE MACHINE(WITH AIR)	PAGE10
RCGF SERIES HOT FILLING THREE IN ONE UNIT	PAGE11
WATER PRE-TREATMENT MACHINE	PAGE12----PAGE15
SUGAR-PRETREATMENT	PAGE16----PAGE17
SUGAR PROCESS SYSTEM	PAGE16
COLD DRINK WATER TANK AND REFRIGERATOR	PAGE16
QHS DRINK MIXER	PAGE17
ZRP-4 SERIES DOUBLE FILTER	PAGE17
JUICE-PRETREATMENT	PAGE17
DJSERIES BEATER	PAGE18
PS-3-SERIES FRUIT&VEGETABLE BREAKER	PAGE18
DATE PRINTING MACHINE	PAGE18
SOP600 CONTINUOUS INK JET PRINTER	PAGE19
LABELING MACHINE	PAGE20
PAPER LABEL /PLASTIC LABEL	PAGE20
BZJ5038B SEMI-AUTOMATIC SLEEVE WRAPPERBSE5038 PE SHRINK TUNNEL	PAGE21
MAIN PRODUCTS	PAGE22----PAGE29
KOYO BRAND XY MODEL LIQUID PACKING MACHINE	PAGE22
AS-1000 MODEL AUTOMATIC LIQUID PACKER	PAGE22
ZHG-720 TYPE NORMAL TEMPERATURE AUTOMATIC BLENDING FILLER	PAGE21
FOUR-KS SERIES TYPE PURIFIED WATER UNIT	PAGE22
AUTOMATIC FOUR BARRELED LIQUID PACKER	PAGE24
AUTOMATIC DOUBLE BARRELED LIQUID PACKER	PAGE24
DXD60B LIQUID PACKING MACHINE (THREESID&FOUR SIDES SEALING)	PAGE25
DXD-1 AUTOMATIC LIQUID STANDING-BAG SHAPING ANDFILLING MACHINE	PAGE25
PLASTIC BOTTLES CAP-MAKING FILLING MACHINE	PAGE26
AUTOMATIC LIQUID PACKINGMACHINE AND LID ROTATING MACHINE FOR STAND BAGS	PAGE26
AUTOATIC CUP FILLING AND SEALING MACHINE	PAGE27
DXD60B LIQUID PACKING MACHINE (THREE SIDES & FOUR SIDES SEALING)	PAGE25
KP SERIES EXPANDING BAG PACKER	PAGE27
DIFFERENT BOTTLES LINEAR FILLING AND CAPPING	PAGE28
SQF-12 TYPE AUTOMATIC JELLY PACKER	PAGE28
KYZ-380 MODEL PILLOW TYPE CAPPING MACHINE	PAGE29
FOODSTUFF MACHINE	PAGE30---PAGE32



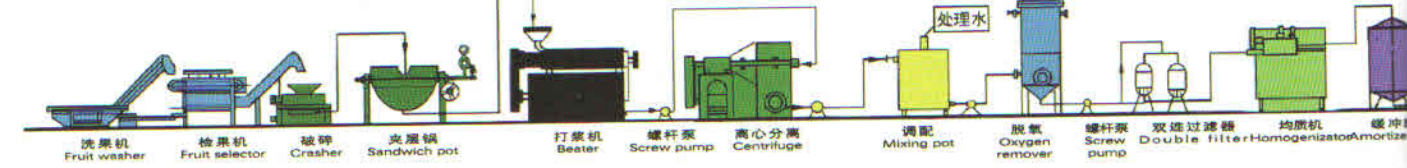
**1. 矿泉水整套生产设备及工艺 MINERAL WATER PRODUCTION LINE & PRODUCTION TECHNIQUE**



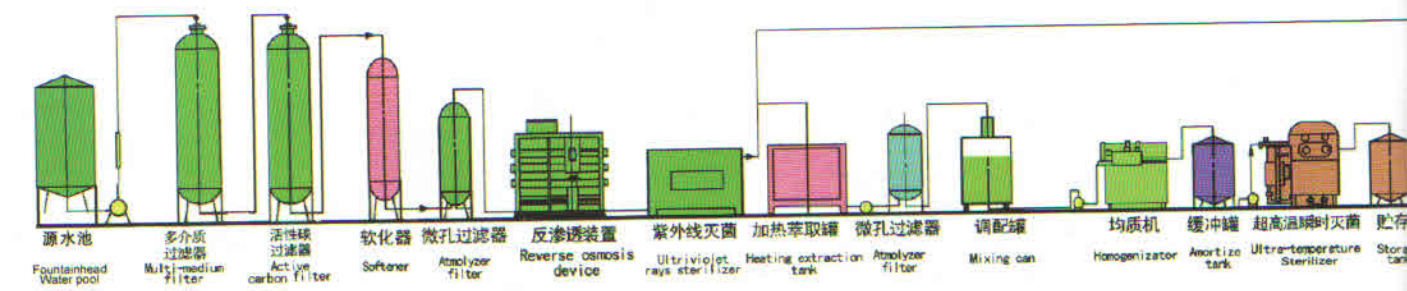
**2. 纯净水整套生产设备及工艺 PURE WATER PRODUCTION LINE AND PRODUCTION TECHNIQUE**



**3. 碳酸饮料(含汽饮料)整套生产设备及工艺 CARBON DIOXIDE DRINK PRODUCTION LINE & TECHNIQUE**

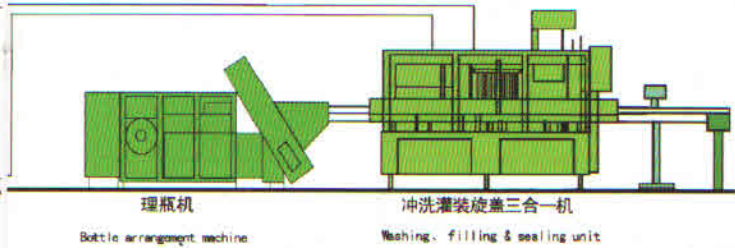
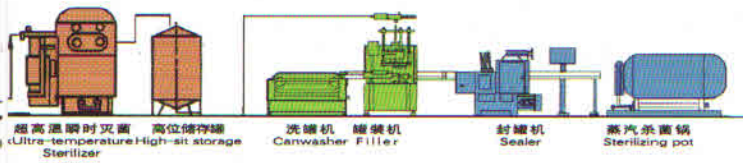
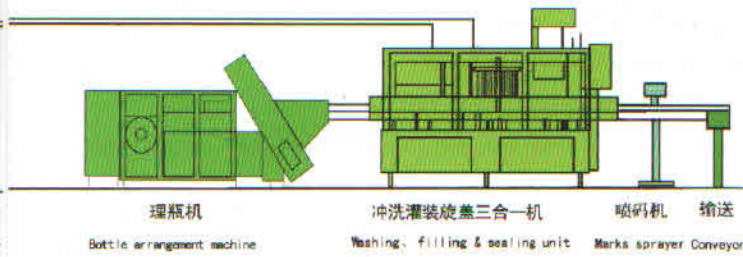
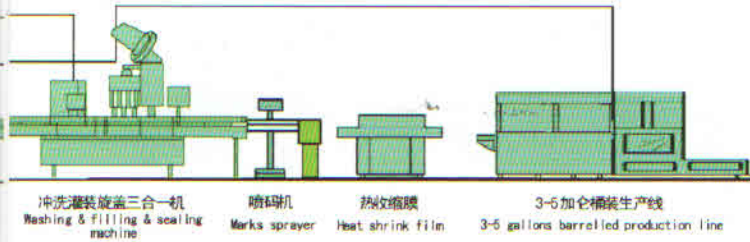
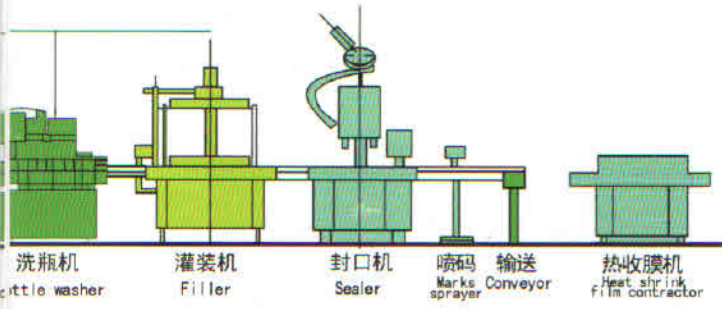


**4. 果汁、果茶整套生产设备及工艺 FRUIT JUICE & FRUIT TEA PRODUCTION LINE AND TECHNIQUE**



**5. 茶饮料(乌龙茶、红茶、绿茶)整套生产设备及工艺 TEA PRODUCTION LINE AND TECHNIQUE**

# TECHNOLOGY FLOW CHART



## KY-A TYPE TWO-STEP SEMI-AUTOMATIC HEAT-RESISTANT BOTTLE-BLOWING MACHINE



## KY-B TYPE TWO-STEP SEMI-AUTOMATIC HEAT-RESISTANT BOTTLE-BLOWING MACHINE



KY-B type two step hollow, heat-resistant, semi automatic, bottle-blowing machine specializes in producing PET bottles. (Temperature can reach about 100°C)

S/N	Item	Unit	Technical data	
			KY-A-A	KY-A-B
1	Product material		PET/PP/PE/PC	PET/PP/PE/PC
2	Working pressure (air)	Mpa	0.7-0.9	0.8-1.2
3	Blowing-pressure	Mpa	0.9-3.0	1.2-3.0
4	Voltage/Frequency	V/Hz	220V/380/50Hz, 60Hz	220V/380/50Hz, 60Hz
5	Rated	Heater	4(220V)	5(220V)
		Air Compressor	11(380V)	11(380V)
6	power Max modul effective dimension	mm	350x350x400	500x400x300
7	Mould Opening Stroke (LxWxH)	mm	170	240
8	Max mould thickness	mm	250	300
9	Center Distance of two Cavities	mm	80-240	150-260
10	Volume of product	ml	10-2000	150-10000
11	Max Stretch Length	mm	340	400
12	Clamping force	KN	100	150
13	Capacity	pcs/h	400-900	150-450
14	Machine dimension (LxWxH)	Main machine	1700x600x1700	2050x630x1800
		Heater	1750x600x1500	1750x600x1500
15	Machine weight	Main machine	500	600
		Heater	200	200
16	Air Compressor	Dimension (LxWxH)	1700x670x1220	1700x670x1220
		Weight	410	410
17	Air filter	Dimension (LxWxH)	250x250x600	250x250x600
		Weight	10X2pcs	10X2pcs
18	Freezed Dryer	Dimension (LxWxH)	890x550x1000	890x550x1000
		Weight	200	200
19	Temperature range	℃	15-110(PET) 15-180(PC, PE, PP)	15-110(PET) 15-180(PC, PE, PP)

S/N	Item	Unit	Technical data	
			two-step semi-automatic heat-resistant bottle-blowing machine	
1	Product		PET, PP, PC, PE	
2	Working pressure (air)	bar	0.8x2	
3	Blowing-pressure	bar	(12-30)x2	
4	Rated power	Rated power	(6)x2(220V)	
		Air Compressor	11(380)	
5	Voltage/Frequency	V/W	220V/380V/50Hz	
6	Mould effective dimension (LxWxH)	mm	350x350x400	
7	Mould Opening Stroke	mm	170	
8	Max mould thickness	mm	250	
9	Center Distance of two Cavities	mm	80-200(可调)	
10	Volume of product	ml	10-2000	
11	Max Stretch Length	mm	340	
12	Clamping force	KN	100	
13	Capacity	Pcs/H	(400x900)x2	
14	Machine dimension	Main machine	(170x600x1700)x2	
		heater	2000x600x1500	
15	Machine weight	Main machine	500x2	
		Heater	250	
16	Air Compressor	Dimension(LxWxH)	1800x700x1220	
		Weight	400	
17	Air filter	Dimension(LxWxH)	(250x250x600)x2	
		Weight	15x2	
18	Freezed Dryer	Dimension(LxWxH)	890x550x1000	
		Weight	200	
19	Temperature range	℃	(PET)110 (PP, PC, PE)180	

# Bottle Blowing machine

## KY-C TYPE FIVE GALLONS TWO-STEP SEMI-AUTOMATIC BOTTLE-BLOWING MACHINE



S/N	Item	Unit	Technical data	
			KY-C	
1	Product material		PET/PP/PE/PC	
2	Working pressure(air)	Mpa	0.8-1.2	
3	Blowing-pressure	Mpa	2.0-3.0	
4	Ratedpower	Heater	kw	10(220V)
		Air Compressor		11(380V)
5	Voltage/Frequency	V/w	220V/380V/50Hz, 60Hz	
6	Max mould effective dimension(LxWxH)	mm	640x420x400	
7	Mould Opening Stroke	mm	350	
8	Max mould thickness	mm	400	
9	Center Distance of two Cavities	mm	-	
10	Volume of product	ml	25000	
11	Max Stretch Length	mm	700	
12	Clamping force	KN	330	
13	Capacity	pcs/h	60	
14	Machine dimension (LxWxH)	Main machine	mm	2680x700x2100
		Heater		2350x620x1650
15	Machine weight	Main machine	kg	2200
		Heater		350
16	Air Compressor	Dimension(LxWxH)	mm	1700x670x120
		weight		kg
17	Air filter	Dimension(LxWxH)	mm	250x250x600
		weight		kg
18	FreezedDryer	Dimension (LxWxH)	mm	890x550x1000
		Weight		kg
19	Temperature range	℃	15-110(PET) 15-180(PC, PE, PP)	

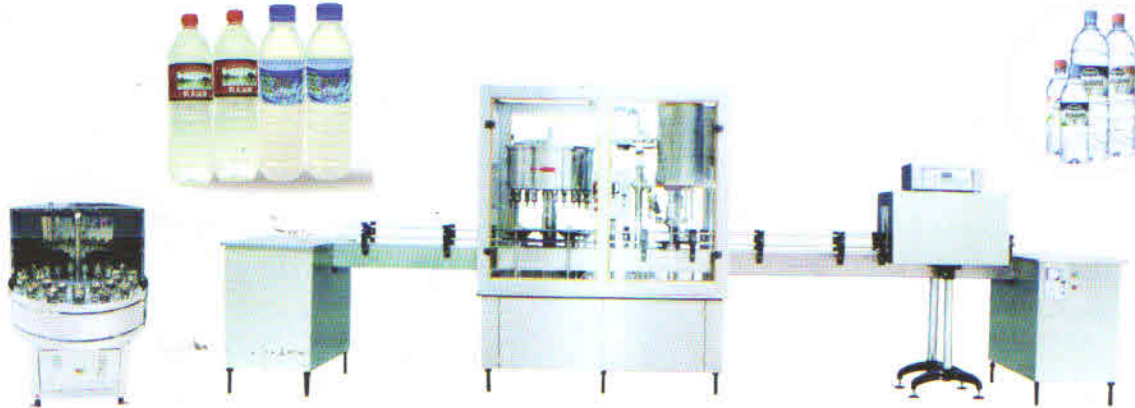
## FULL AUTOMATIC BOTTLE-BLOWING MACHINE



### full-automatic stretch blow molding technical parameter

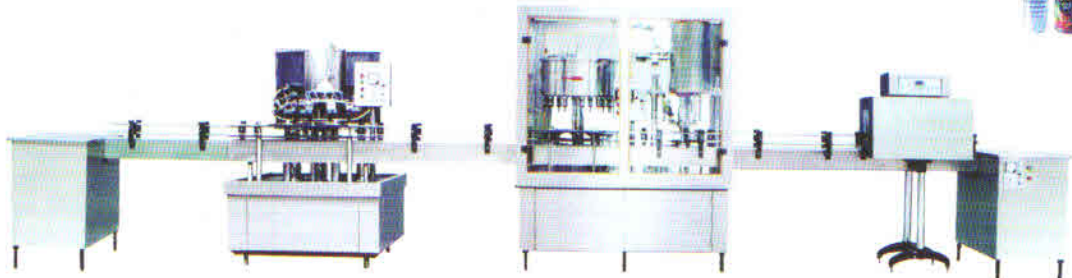
S/N	Item	Unit	RYSB-D02 110/2	60/4	200/1
1	Number of cavities		2	4	1
2	Clamping force	Kn	120	120	120
3	Max.heating power	Kw	24	20	21.6
4	Operation pressure	Kg/cm <sup>2</sup>	8	8	8
5	Max.blowing pressure	Kg/cm <sup>2</sup>	30	30	30
6	Theoretical output	bph	1800	3600	600
7	Size(LxWxH)	mm	2500X1630 X2000	2700X1780 X2000	2700X1800 X2000
8	Weight	T	2.0	2.1	2.0
9	Max.container volume	ltr	2	0.6	6
10	Max.inlet outer diameter	mm	48	42	60
11	Max.product ovter diameter	mm	110	60	200
12	Max.product height	mm	330	270	350

## GFP12A 2000B/H WASHING FILLING AND CAPPING PRODUCTION LINE



### TECHNICAL DATA

Name & Model	CP-30 Washer
Capacity	1500-2000BPH
Working Position	30
Volume of bottle	300-1500ML
Power	0.55kw 220/380V
Dimension	100x100x140CM
Weight	200Kgs



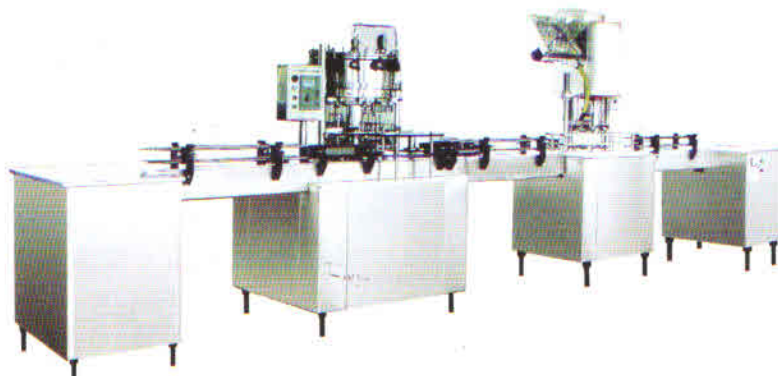
The line is composed of bottle washing, filling, capping and label shrinking and label shrinking machine, used for PET plastic bottles, glass bottles, can fill mineral water, fruit juice, soy sauce, wine and so on. Machine adopt very simple electric controller and very easy adjustment, suit for various types of bottles, it is the ideal production line for beverage makers.

### TECHNICAL DATA

Name & Model	ZPC-12Washer	GC-12Filler	YQX-3 Capper	BSL1535 Labeler	Conveyor
Capacity	2000-2500BPH	1500-3000BPH	2000BPH	1500-2000BPH	100-2500BPH
Working Position	12	12	1		
Volume of bottle	200-1500ML	200-1500ML	350-1500ML	200-1500ML	
Power	0.75Kw 220/380V	0.75Kw 220/380V	0.55Kw 220	3.5Kw 220/380V	0.75Kw 220/380V
Dimension	135x135x190CM	175x115x200CM		105x60x80CM	100x72x220CM
Weight	800Kgs	900Kgs		80Kgs	200Kgs



## GAS CONTAINING DRINK PRODUCTION LINE



Model BF2000B  
CARBONATED DRINK BOTTLE FILLING AND CAPPING MACHINE



QHS-1500  
DRINK MIXER

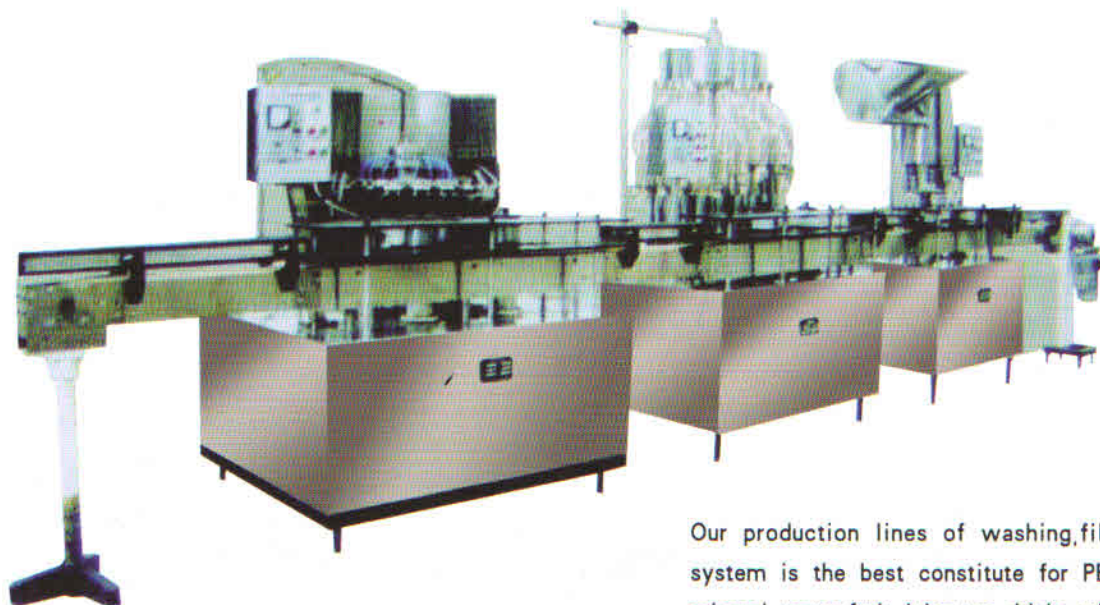


QLB-10FC  
WATER CHILLER

### TECHNICAL DATA

Model	GD-12	Model	QHS-1500	Model	QLB-10FC
production capacity	800-2000Bottle/H	production capacity	1500L/H	Production capacity	1000L/H
can pressure	0.2-0.5Mpa	Inlet temp of chilled water	0-4℃	Temperature chill	from25℃ to5℃
filling temperature	0-4℃	working pressure	0.2-0.5Mpa	Cooling capacity	25800Kcal/H
power	1.1Kw	power	2Kw	power	10HP

## NON-GAS DRINK PRODUCTION LINE



Our production lines of washing, filling, sealing and conveying system is the best constitute for PET bottle filling pure water, mineral water, fruit juice, tea drinks, wine and so on. The production capacity is (take 500ml PET bottle as example) 2000B/H, 4000B/H, 6000B/H, 8000B/H.

## Filling production line

**KOYO**  
国家重点高新技术企业

### GAS CONTAINING DRINK PRODUCTION LINE



Model BF2000B

CARBONATED DRINK BOTTLE FILLING AND CAPPING MACHINE



QHS-1500  
DRINK MIXER



QLB-10FC  
WATER CHILLER

### TECHNICAL DATA

Model	GD-12	Model	QHS-1500	Model	QLB-10FC
production capacity	800-2000Bottle/H	production capacity	1500L/H	Production capacity	1000L/H
can pressure	0.2-0.5Mpa	Inlet temp of chilled water	0-4°C	Temperature chill	from 25°C to 5°C
filling temperature	0-4°C	working pressure	0.2-0.5Mpa	Cooling capacity	25800Kcal/H
power	1.1Kw	power	2Kw	power	10HP

### NON-GAS DRINK PRODUCTION LINE



Our production lines of washing, filling, sealing and conveying system is the best constitute for PET bottle filling pure water, mineral water, fruit juice, tea drinks, wine and so on. The production capacity is (take 500ml PET bottle as example) 2000B/H, 4000B/H, 6000B/H, 8000B/H.

## QGF SERIES AUTOMATIC BARRELLED PRODUCTION LINE



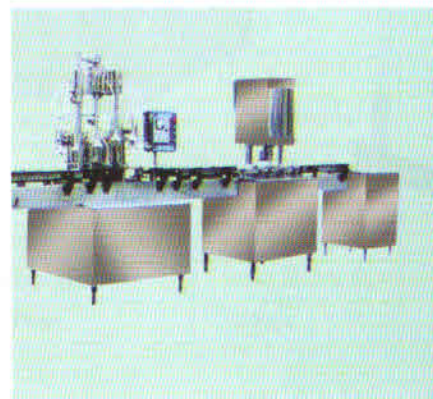
QGF series barrelled production line consists of washing, filling and capping. It is suitable for filling of all kinds of round and square barrels. The production line adopts electric program control. It has safe devices, such as interlock, signal, automatic check and so on. Its key parts are imported and their quality is reliable. The whole machine is made of stainless steel. Its structure is reasonable and its operation is convenient. It is ideal equipment for producing mineral water, super-pure water, space water and distilled water.

model:	QGF-80	QGF-120	QGF-240
production(B/H):	80	120-150	240
power(kw):	2.64	3.37	4.2
filling pressure(Mpa):	0.4	0.4	0.4
dimension(mm):	2500 × 1100 × 1600	2800 × 1100 × 1600	3800 × 1600 × 1600
weight(kg):	500	800	1300

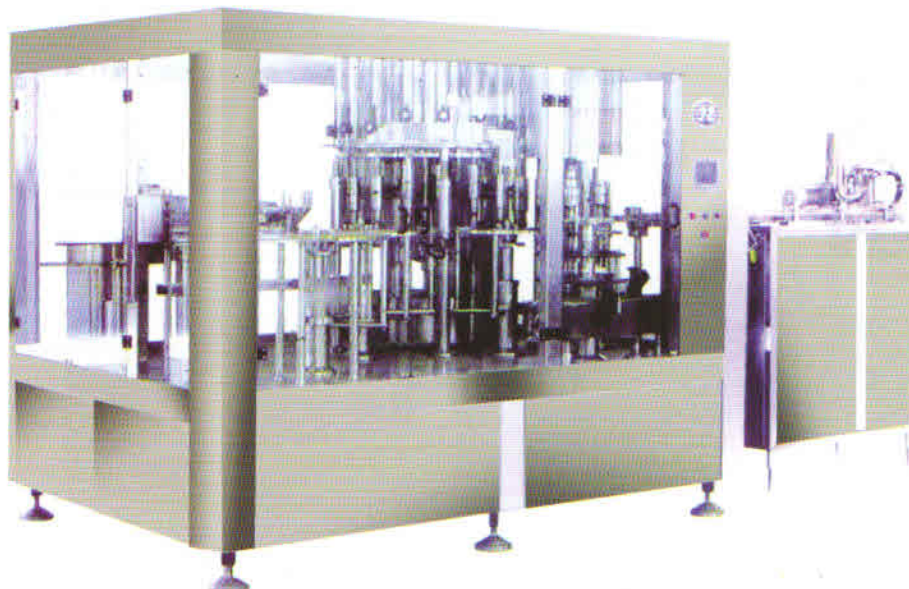
## PLASTIC CAN WITH ALUMINIUM CAP PRODUCTION LINE



This line is mainly used in pop-top cans, fruit juice, beer milk, It is composed by washing, filling, sealing and conveying. the production capacity is 2000B/H, 4000B/H, 6000B/H.



**XGF SERIES WASHING, FILLING, CAPPING,  
THREE-IN-ONE UNIT**



**Usage:**

The line mainly used for washing, filling sealing carbon dioxide drink such as carbon dioxide water tea, aerated mineral water and so on.

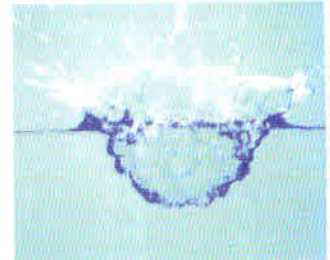
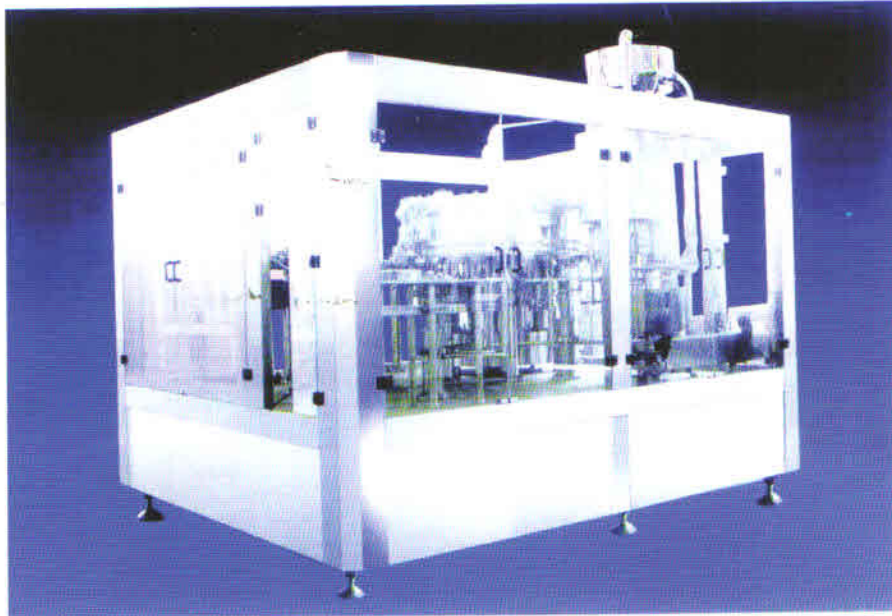
**Characteristics:**

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.

**Main Technical Specifications**

Modle	XGF 16-12-6	XGF 18-18-6	XGF 24-24-8	XGF 32-32-8
productivity(B/H)	4000-5000	7000-8000	10000-12000	14000
filling head	12	20	24	32
washing head	16	20	24	32
capping head	6	6	8	8
shape of bottle	round or square			
diameter	50-90			
height	150-310			
air compressure(MPa)	0.3-0.7			
washing medium	aseptic water			
washing pressure	0.25			
power(W)	3,13	3,84	4,1	5,6
dimension(mm)	2100 × 1650 × 2300	2300 × 1900 × 2300	2800 × 2100 × 2300	3200 × 2100 × 2300
weight(kg)	2500	3500	4500	5000

**DCGF SERIES WASHING, FILLING AND CAPPING THREE IN ONE MACHINE (WITH AIR)**



**Usage:**

The series equipments are production of polyester bottle-packing carbonates drink.

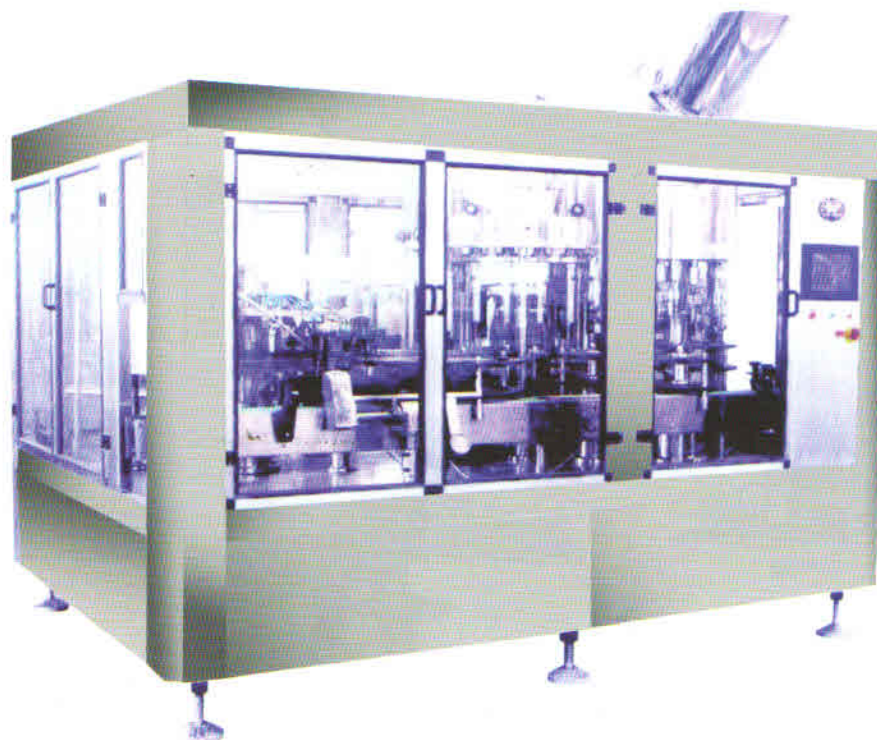
**Characteristics:**

It can carry out washing bottle, filling and capping of the machine. The whole machine designing is reasonable. The appearance is beautiful and maintenance is convenient, faster and easier. The main machine adopts advanced PLC control technology. The key electric elements are international famous products.

**Main technical specifications**

modle	DCGF16-12-6	DCGF18-18-6	DCGF24-24-8	DCGF32-32-12
productivity (500ML)	3000	5000	8000	12000
filling precision	<math>\leq \pm 5\text{MM}</math>			
filling pressure	<math>\leq 0.4</math>			
size of bottle (MM)	D: $\Phi 50 - \Phi 100$ ; H: 150-310			
cap size	screw cap			
power	3.1	3.1	3.1	4.1
wegiht	2600	3000	3500	4500
dimension(mm)	2300 × 1680 × 2650	2400 × 1900 × 2300	2800 × 2100 × 2300	3600 × 2800 × 2300

## RCGF SERIES HOT FILLING THREE-IN-ONE UNIT



### Usage:

The series equipments are used in hot filling and sealing of green tea, black tea, wulong tea and fruit juice. The machine integrates washing, filling, capping together. The design is scientific and reasonable. Its appearance is beautiful.

### Main technical specifications

Modle	RCGF16-12-6	RCGF18-18-6	RCGF24-24-8	RCGF32-32-16
productivity(B/H)	4000	8000	12000	15000
filling precision		1% (Liquid Level)		
size of bottle		Bottle Diameter: $\Phi$ 50- $\Phi$ 100; Height: 150-310		
cap		Plastic Screw Cap		
washing pressure		0.2-0.25		
washing capacity(B/H)	800	1500	1800	1800
washing head	5	6	8	8
air pressure(MPa)		0.4-0.6		
air capacity(MPa)	0.1	0.4	0.4	0.4
power(W)	3.13	3.84	3.84	3.84
weight(kg)	2500	3500	4500	5500
dimension(mm)	2100 × 1600 × 2300	2300 × 1900 × 2300	2800 × 2100 × 2300	3500 × 2500 × 2650

**JDL SERIES MULTI-MEDIUM FILTER**

Production Capacity(kg/h):1000-20000



**JML SERIES PRECISION FILTER**

Production Capacity(kg/h):1000-20000



**GHT SERIES ACTIVE FILTER**

Production Capacity(kg/h):1000-20000



**WKL TYPE OF MILLIPORE FILTER**

Production Capacity(kg/h):1000-20000

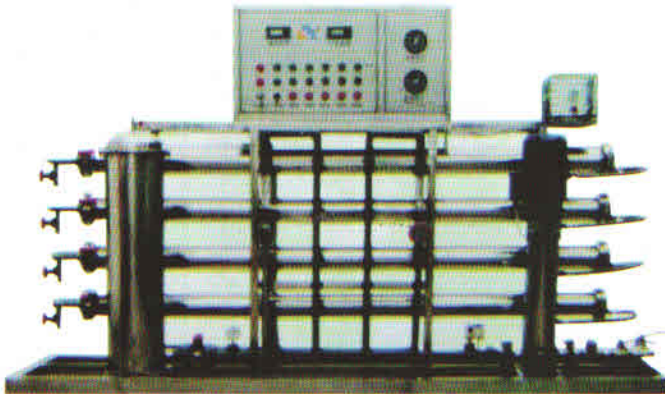


# Water-pretreatment



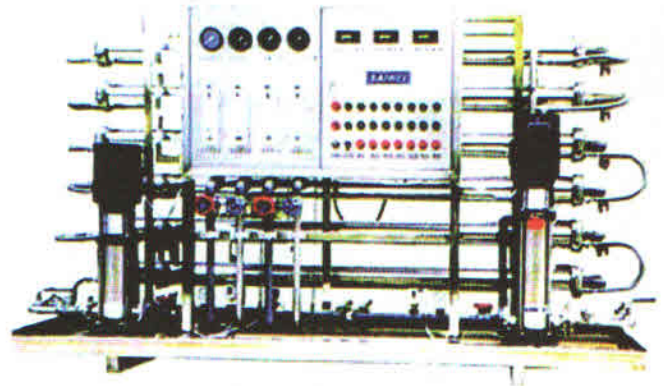
## FST SERIES REVERSE OSMOSIS DEVIVE

Production Capacity(kg/h):1000-20000



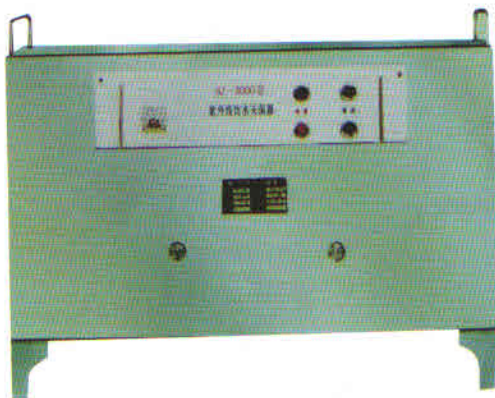
## SEC SERIES REVERSE OSMOSIS DEVIVE

Production Capacity(kg/h):3000-4000



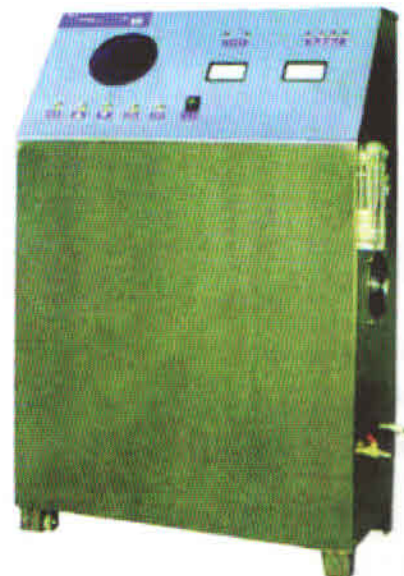
## ZM SERIES DRINKING WATER ULTRAVIOLET STERILIZER

Production Capacity(kg/h):1000-20000



## FSY SERIES OZONE GENERATOR

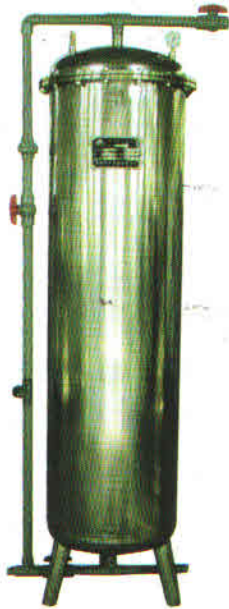
Production Capacity(kg/h):3-60





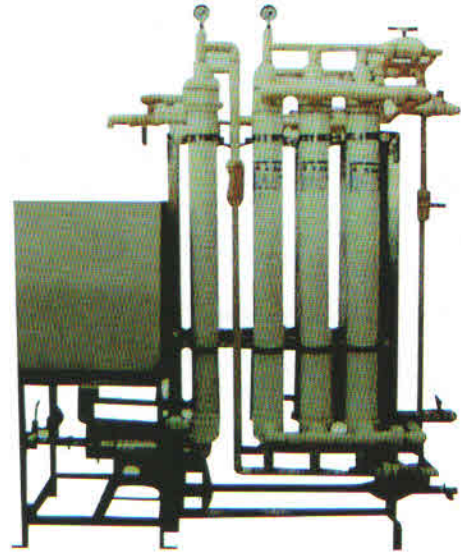
**SNJ SERIES SODIUM ION-EXCHANGING DEVICE**

Production Capacity(kg/h):1000-20000



**CL SERIES HOLLOW FIBRE SUPER FILTER**

Production Capacity(kg/h):1000-20000



**WATER TREATMENT(NATURAL MINERAL WATER AND PURIFIED WATER EQUIPMENT)**

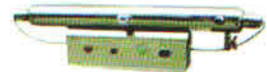


Reverse Osmosis System

Mechanical Filter Active carbon  
Filter Ion exchanger



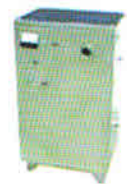
Ozone Generator



ZWX-1 UV Sterilizer



Storage Tank



ZWL UV Sterilizer

**Main Technical Specifications**

Model	P-RO-1	P-RO-2	P-RO-3	P-RO-5	P-RO-10
Capacity	1000L/H	2000L/H	3000L/H	5000L/H	10000L/H
Pre-filter capacity	2000L/H	3000L/H	5000L/H	7000L/H	12000L/H
Ozone generator	6g/H	6g/H	12g/H	12g/H	24g/H

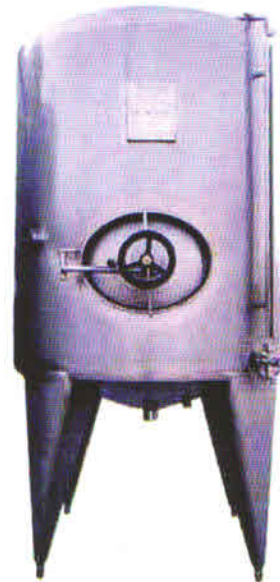
**RAW WATER TANK**

Production Capacity:500L-2000L



**ASEPTIC TANK**

Production Capacity:500L-2000L



**LRG SERIES SCALD-HOT VESSEL**

Production Capacity:500L-2000L



**FERMENTATION TANK**

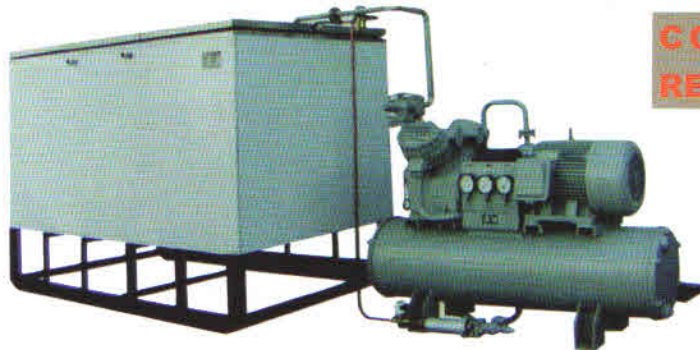
Production Capacity:500L-2000L



**SUGAR PROCESS SYSTEM**



**COLD DRINK WATER TANK AND REFRIGERATOR**



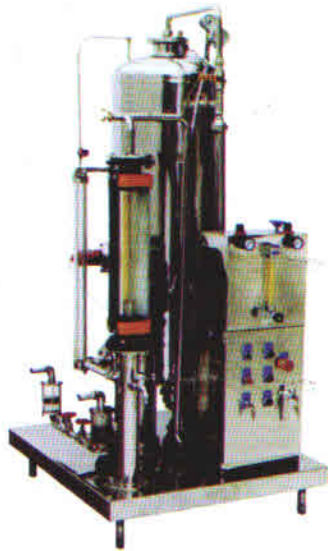
The tank contains compressor using freezon F-12 as re-frigerant ,and temperature regulator for automatic controlling.It is necessary equipment for aerated water and sparkling wine production industry.

**QJ-C CARBON DIOXIDE FILTER**



It is applied to improve purity of CO<sub>2</sub> and separate impurity.  
Production capacity(kg/h):6-10kg/h  
Dimensions(mm):500 × 410 × 1400  
Weight(kg):80kg

**QHS DRINK MIXER**



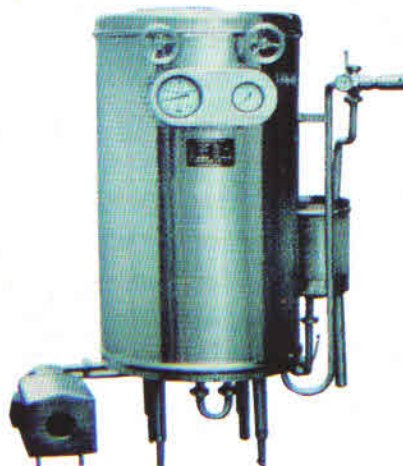
**Main Technical Specifications**

Model:	QHS-1500	QHS-2500	QHS-4000
production capacity:	1500kg/h	2500kg/h	4000kg/h
Carbon dioxide content:		> 2.6	
Inlet temperature of the chilled water:		0.4℃	
Power:	1.1kw	2.42kw	3.1kw
dimensions:	1200 × 1000 × 1800mm	1500 × 1000 × 2000mm	1660 × 1000 × 2000mm
Weight:	300kg	500kg	600kg

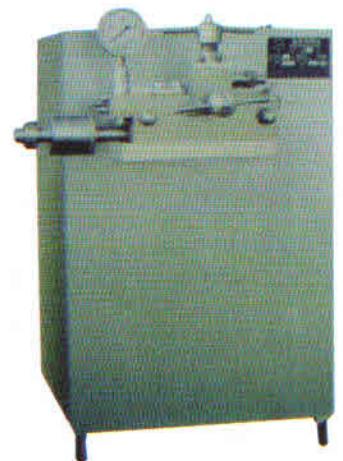
**ZRP-4 SERIES DOUBLE FILTER**



**UHT-2 SUPER-HIGH-TEMPERATURE INSTANTANEOUS**



**GB HIGH PRESSURE HOMOGENIZE**



## DJ SERIES BEATER



The equipment is used in beating, discarding residue of fruit or vegetable material.

### Main Technical Specifications

production capacity:	2-4T/H
Power:	3kw
Weight:	1950x750x1400
Overall dimensions:	1mm
Diameter:	1mm,0.6mm

## PS-3-SERIES FRUIT & VEGETABLE BREAKER



It is used in breaking the fruit and vegetable of apples, pears, tomatoes, gububes, asparagus.

### Main Technical Specifications

production capacity:	3-5T/H
Knift turning speed:	310rpm
Power:	2.2kw
Overall dimensions:	910x600x1175mm
Weight:	400kg

## TQ-2.5 VACUUM DEARATING 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 juice from being oxidized and then to prolong the storing period of the juice.

### Main Technical Specifications

production capacity:	2500kg/h
Working vacuum:	0.6-0.09Mpa
Overall dimensions:	1125x780x2360mm
Weight:	350kg

## ULTRA HIGH TEMPERATURE PLATE STERILIZER



This sterilizer is mainly specially for processing (sterilizing, insulating and cooling) heat sensitive liquids, such as fruit juice, tea, milk and some wine products. It has characteristic of high heat efficiency, compact structure, convenient in operation and maintenance. This sterilizer equips with sanitary pumps, buffer tank, hot water system, temperature controller/recorder and electric control system. All parts, which directly contact liquid, are made of SUS316. Pumps, pneumatic parts and electric apparatus on the machine are famous brands in international market.

### Main Technical Specifications

Model:	
Output capacity	2-12T/h
sterilizing temp(°C)	85-135°C

## Main products

### SOP 600 INK JET PRINT MACHINE



Character matrix: 7X6 7X8 8X12 12X12 16X16 24X24  
 Lines of printing: 1-3 lines  
 Height of character: 1.2-15mm  
 Printing speed: 2m/s  
 Printing direction: all directions  
 Width of character: 9 times  
 Power: 50w  
 Voltage: 220v ,50hz  
 Temperature: 5-40 degrees  
 Air pressure: 0.5-0.8mpa  
 Dimension: 470\*250\*585mm  
 Weight: 28kgs

It adopts air pump including the machine design. It do not need connect with the air source.

Used high technology jet nozzle program, dependence cleaning system

Used ink control design and make the machine operating stably

### DATE CODING PRINTER

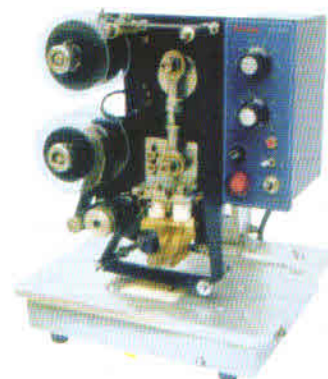


TDY-300D

### TECHNOLOG PARAMETERS

M odel	TDY300D	TDY-300C	SPM-1
Operating mode	electromotive	electromotive	manual
working speed	- < 3600time/Hou	< 3600time/Hou	< 2000time/Hour
printing size	< 15X50mm2	< 15X50mm2	< 70X100mm2
printing height	< 300mm	< 380mm	< 200mm
weight	26kgs	27kgs	33kgs
size(LXWXH)	380X420X450mm	400X440X585mm	530X290X520mm

This series of printer is suited to print notes and signs like manufacture date,lot number and single desinns on various kinds of bottle,jug,cup or box based on every types of materials,with fast printing speed,cute and clear letterform.Concave printing board comes in two types of squara board and circular board,which can customize various kinds of needed typing symbols.



HP-241B

## PAPER LABEL



AB2000



B76

We have manual, semi-automatic and full-automatic labeling machines. These products can do various operations such as sticking a label on plane, on post surface, on single side or multi-sides of a package, sticking labels covering part surface or full surface of a cylinder, or sticking on sunken locations and at edges of corners.

MODEL	SPEED(bottles per hour)	REMARK
B76 semi-automatic labeling machine	600 ~ 1000	Suitable to stick to round bottle of Dia. 45 ~ 110mm
AB2000 Automatic labeling machine	0 ~ 18000	Suitable to stick to round bottle of Dia. 0 ~ 120mm It can stick a label covering part surface or full surface of a cylinder
2000 Automatic Labeling Machine	0 ~ 5500	Suitable to stick to round bottle of Dia. 25 ~ 120mm It can stick two labels on a round bottle at the same time, and use touch- screen operation system.
B2000 Automatic Labeling Machine	0 ~ 18000	Suitable to stick top plane and elliptical object of thickness < 120mm and Height: from 40 ~ 300mm,

## PLASTIC LABEL

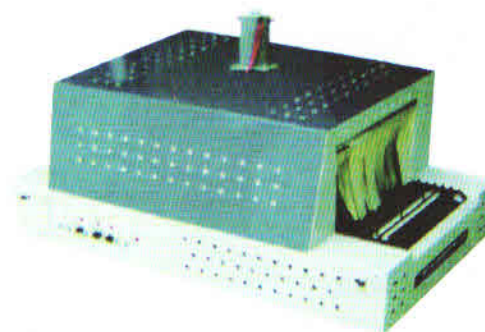
### BSL-1535A Label shrink tunnel



### BSC-300 Cap label shrink machine



### BS-300 Thermal shrink packaging machine



## TECHNOLOG PARAMETERS

Model	BSL-1535A	BSC-300	BS-300
Voltage	220V50HZ	220V50HZ	220V/380HZ
Power	4KW	3KW	4KW
Feeding speed	0-4m/min	0-4m/min	0-10m/min
Feeding weight	5kg	5kg	5kgs
Workroom size	700 × 150 × 350mm	600 × 200 × 100mm	800 × 300 × 1500mm
Weight	85kgs	80kgs	70kgs
External size	1800 × 580 × 800mm	1500 × 600 × 850mm	1200 × 620 × 750mm

### Automatic label shrink machine

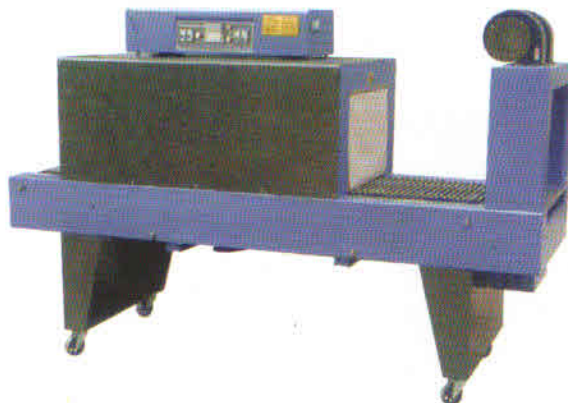


# Shrink packing machine

**KOYO**

国家重点高新技术企业

**BZJ5038B SEMI-AUTOMATIC SLEEVE WRAPPER  
BSE5038 PE SHRINK TUNNEL**

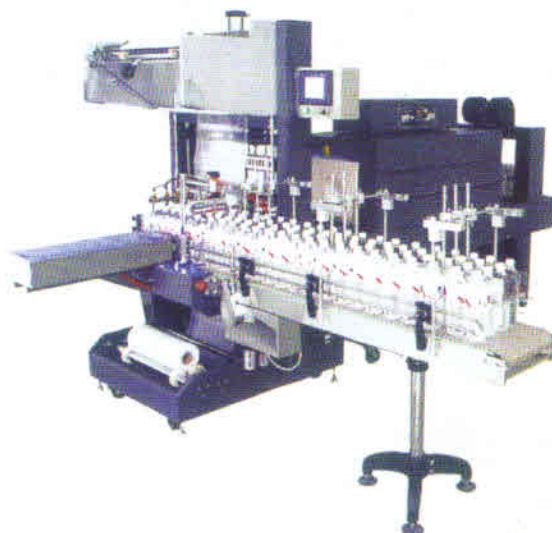


**BSE-5038  
Thermal shrink packaging machine**

Suitable for wrapping of such products as pop-top, mineral water, bottles, beer, drinks both with and without bottom-tray.

Working with PE shrink tunnel to pack the goods perfectly. The whole producing process adopt the Germany advanced techniques.

The electric parts are from international famous companies, such as Omron, Mitsubishi, Fuji which have stable capability and long using time.



**BZJ800  
Fully automatic sleeve wrapper**

## TECHNOLOG PARAMETERS

Model	BZJ-5038	BSE5038	BS4535
Max.packing dimensions	45x30x35Cm	45x30x35CM	40x30x30Cm
Min.packing dimensions	26x6x6CM		
Power	220V50Hz1.8kw	380V50Hz 25kw	380V50Hz 18kw-
Capacity	2-5pcs/Min	1-12M/Min	1-12M/Min
Conveyor loading	30kgs	30kgs	30kgs
Film width	max.500mm		
Dizensions	102x83x200CM	230x92x120CM	230x88x115CM
Weight	120kgs	250kgs	220kgs



### KOYO BRAND XY MODEL AUTO-MATIC LIQUID PACKER



This packer has passed the provincial appraisal and expertise, all the performance indexes reach the Chinese advanced level of similar products and won the gold prize for Patent Invention. In 1995, it passed the test of the State Bureau of Quality and Technical Supervision and was rated as Standard. This series has been long-tested and its performance enjoys a very high reputation. Up to now, we have owned more than 8000 users in Africa, they all reflect that this series is simple in operation and runs smoothly with low failure rate. The percentage of certified products are greater than 99%.

#### Main Technical Performance

Film Developed Width(mm)	320 240
Packing capacity(ml)	200-500 70-350
Production Efficiency	1500 or 2000bags/h
Application Voltage	380v or 220v
Horse power	1.2kw
Machine Weight	about 650kg
Dimension	1050x750x1900MM

#### Main uses

It is widely used for various kinds of liquid packing. Such as: milk, soya-milk, peanut milk, juice, drinks, ice bag drinks, soysauce, vinegar, yellow rice wine and beancurd, and etc. Use single-layer PE film or two-layer or three-layer co-extrusion film as packing materials.

### AS-1000 MODEL AUTOMATIC LIQUID PACKER



The upgraded design of AS-1000 fully automatic liquid packer has greater functions. The newly added magnetic pump liquid feeding system works steadily and can control the feeding amount without turning off the machine. On the basis of the standard model, the light spot automatic control system of the ink wheel printing system can be installed.

#### Main Technological Parameter

Film outspread width	320mm
Packing capacity	200-500 ml
Productivity	2000bags/hour
Voltage	380v or 220 v
Weight	about 400kg
Dimension	970X870X1970(mm)

## Main products

**KOYO**  
 国家重点高新技术企业

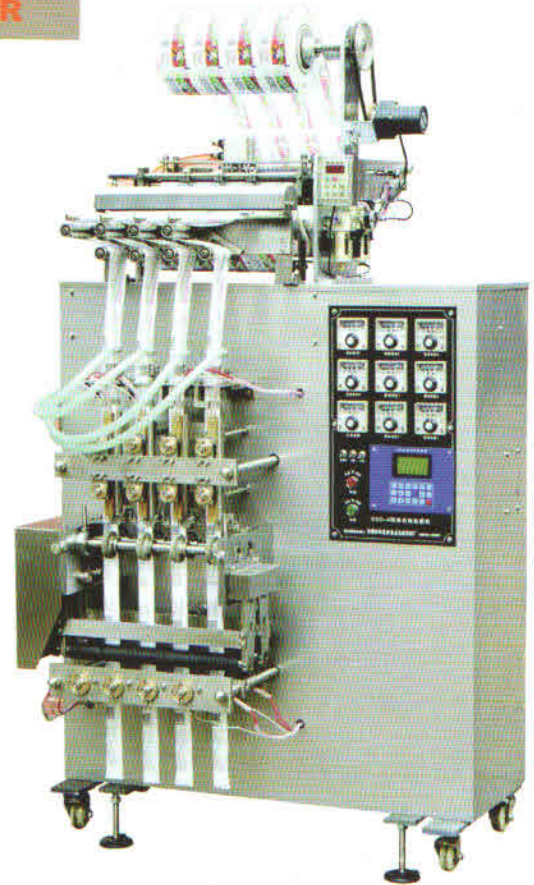
### AUTOMATIC FOUR BARRELLED LIQUID PACKER

It use compound film as packing materials, which automatically makes process of forming bags, filling quantitatively, date printing, cutting bags and counting etc.



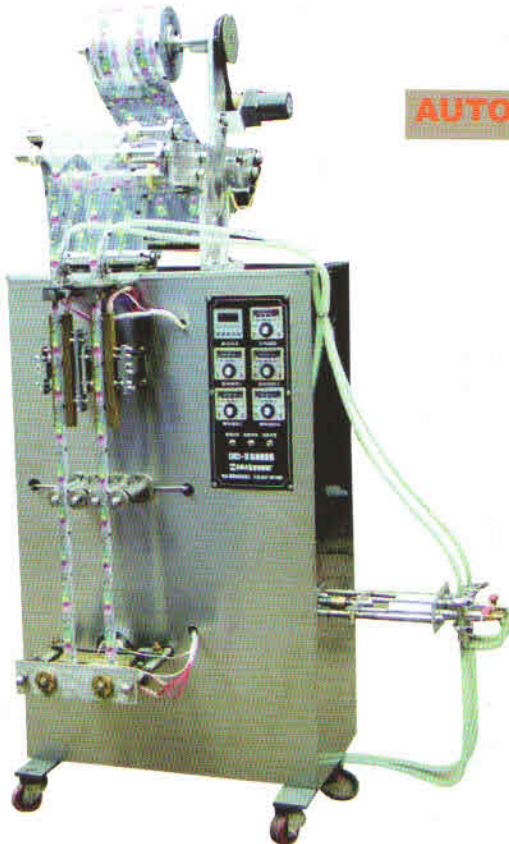
#### Main Technical Parameter

Voltage	380V/50HZ
film width	150-200mm
production efficiency	6000-10000pcs/h
packing capacity	20-150g/pc



### AUTOMATIC DOUBLE BARRELLED LIQUID PACKER

It use compound film as packing materials, which automatically makes process of forming bags, filling quantitatively, date printing, cutting bags and counting etc.



#### Main Technical Parameter

Voltage	380V/50HZ
film width	150-200mm
production efficiency	3000-5000pcs/h
packing capacity	20-150g/pc



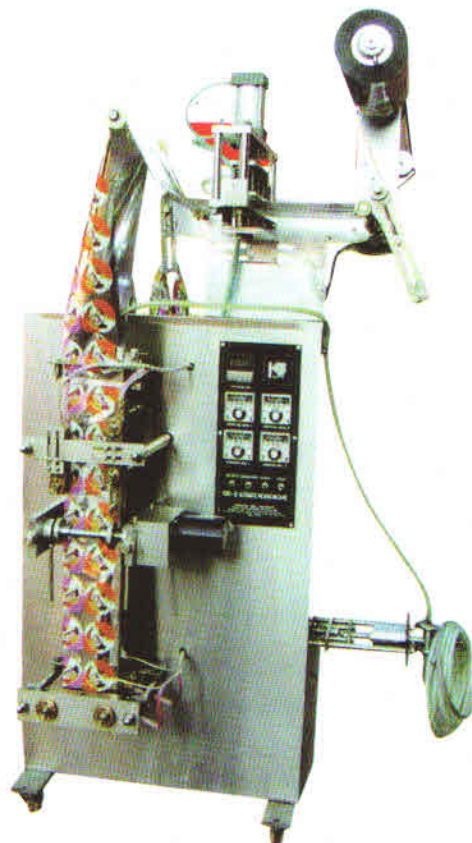
## DXD60B LIQUID PACKING MACHINE (THREESID&FOUR SIDES SEALING)

This machine is used to pack soup, sauce, gels, creams etc. into a bag. Serving the needs of the food, cosmetic, pharmaceutical and chemical industries. A broad range of viscosity products can be filled into bag and it also offers high speed, accuracy, and economy.



Specification	Model	DXD60B
Production capacity (bags/min)		40-60
Volume margin (ml)		1.0-50
Bag size (mm)		(L)60-180(w)50-120
Power Voltage (v)		380v 3-phase and 4-wire system
Power Consumption (w)		1620(heating 180 × 4)
Dimension (mm)		(W) 650 × (D)750 × (H)1588
Net Weight (kg)		170

## DXD-1 AUTOMATIC LIQUID STANDING-BAG SHAPING AND FILLING MACHINE



This machine is used to pack soup, sauce, gels etc. into a bag serving the needs of the food, a broad range of viscosity product can be filled into bag and it also offers high speed.

Specification	Model	DXD-1
Production capacity		1500 bottles/hour
Volume margin (ml)		180ML/bag
Film width		330mm
Dimension (mm)		(W) 1200 × (D)900 × (H)1800
Net Weight (kg)		200kg



## Main products

**KOYO**  
国家重点高新技术企业

### PLASTIC BOTTLES FILLING MACHINE

The machine is suitable for the canning seal of plastic bottles with milk drink. It put the bottles with proper diameter height and bottle neck into the die, which can finish the canning surcharge, heat seal automatically.



#### Main Technical Performance

packing speed	2000bottles/hour
suitable bottle	∅ 45X125 ∅ 36X140
packing amount	200ml
voltage	380/220 50HZ
power	550w
air pump	80-100w



### AUTOMATIC LIQUID PACKING MACHINE AND LID ROTATING MACHINE FOR STAND BAGS



#### Special Features and Uses:

This machine are imported from abroad and plc controller from germany can serve the function of automatic bag-blowing, fix amount filling automatic lid-rotating, automatic bag-falling and automatic cleaning etc.

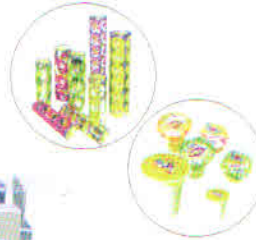
#### Main Technical Parameter

Productive Capacity:	3600BAGS/H
bag size:	100-250 (L) X 50-120 (W)
Filling Volume:	100ML-300ML(500ML)
Power:	380V/50HZ

## AUTOOMATIC CUP FILLING AND SEALING MACHINE



SQF-4Cups  
Model BG60A



SQF-2 Cups  
Model Bg32A

### TECHNOLOG PARAMETERS

Model	SQF-4	SQF-2	SQF-2A
Source	220V3.5KW	220V2.5KW	220V3.5kw
Capacity	64cups/min	32cups/min	16cups/min
Temperatue		0-300℃	
Seal material		PE PP PE/PEt	
Dimension	236x82x155cm	215x70x155cm	*x80x170
Weight	500kgs	400kgs	500kgs

## KP-2 EXPANDING BAG PACKER

This machine is a new popular form of packing that is appreciated by large customers. The filling adopts hydraulic pressure to make the bag full, elegant and attractive in appearance. The control drive elements adopt the imported pneumatic device to make the location more firm. And the compound film package is adopted so that the shelf life can be up to three months after sterilization.

### Main Uses :

It is widely used to pack all sorts of foodstuffs and drinks such as Japanese bean curd, milk, soya-bean milk, peanut milk, and yogurt.

### Main Functions:

- \* automatic location
- \* quantitative pressurization filling
- \* pulse heating sealing

### Main Technological Parameter

POWER	380V/50HZ
PRODUCTION CAPACITY	1000--2000BAGS/H'
FILLING VOLUME	100--500ML



KP-400



KP-2

## Main products

**KOYO**  
国家重点高新技术企业

### ICE-STICK AUTOMATIC SEALING MACHINE

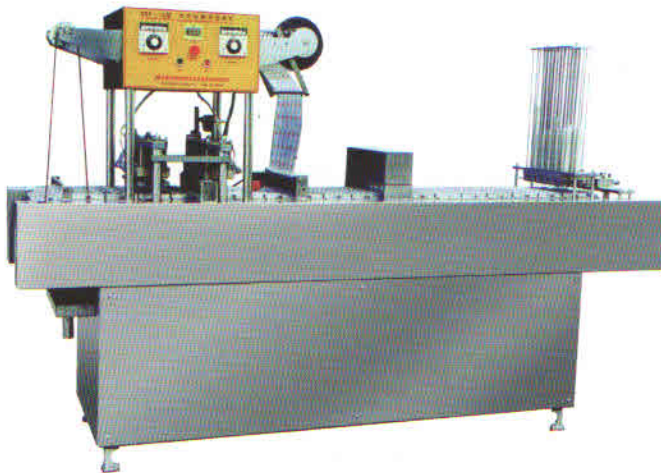


Stick ice is similar to sugar coated haws on a stick. Its production process is: dilute and sterilize the natural juice and then fill it into PE hose. After heat sealing, pack it with elaborate and attractive pearly film, single piece or many pieces' package is allowable. After freezing, put it on the market. This product has its own characteristics and has double functions of lowering the temperature and quenching the thirst.

#### Main Technological Parameter

output	3000 Pieces/h
voltage	380v,50Hz, 220v, 50Hz
overall dimension	1900 × 700 × 1450mm
weight	about 400kg

### SQF-12 TYPE AUTOMATIC JELLY PACKER



This machine applies to the filling and sealing for 16g jelly, which can automatically finish the cup-drop, filling ,twice sealing, cutting, film discharging, film collecting, cup-unloading and counting. It also has the automatic pattern directing function.

#### Main Technological Parameter

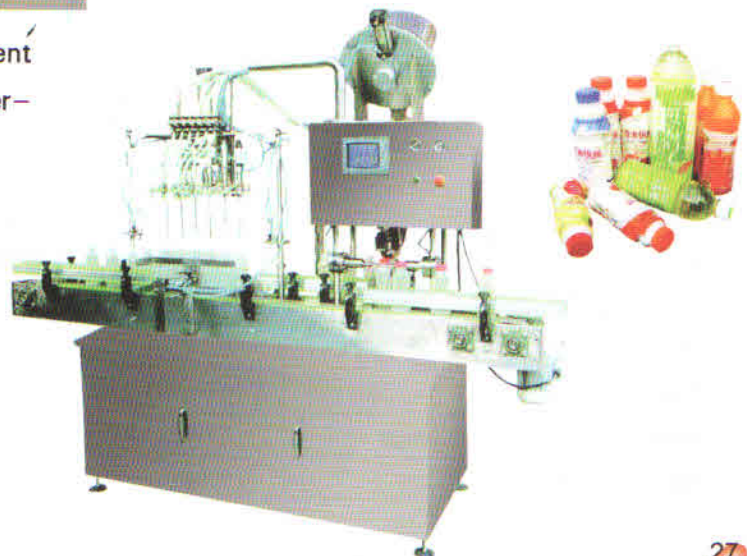
output	8000-10000cups/h
horse power	5.1kw
voltage	380v/220v
dimension	2450 × 755 × 1560mm

### DIFFERENT BOTTLES LINEAR FILLING AND CAPPING PRODUCTION LINE

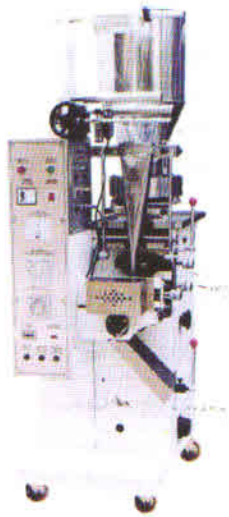
This machine is used to fill and cap different bottles such as round or square bottles of different capacity.

#### Main Technological Parameter

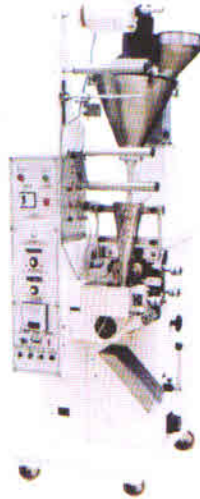
Packing speed	2000bottles/hour 1500l/hour
Suitable bottle	glass bottles plastic bottles
Voltage	380v/50hz
Net weight	300kg
Dimension	4880x 800 x2200



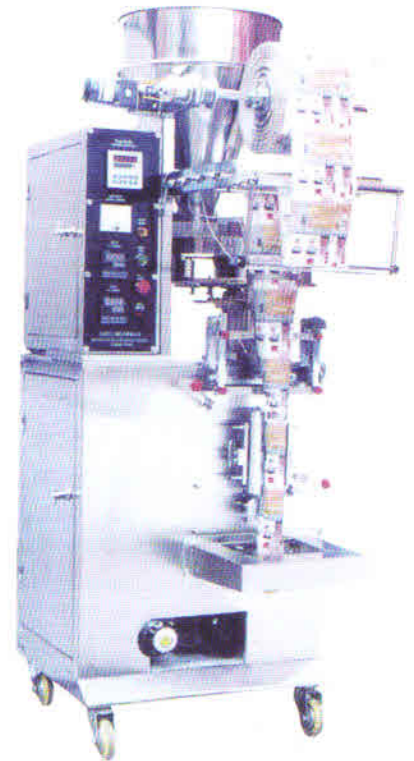
## AUTOMATIC PACKING MACHINE



**DXDF-40**  
Automatic Granule Pack-  
aging Machine



**DXDF-50**  
Automatic Powder Pack-  
ing Machine

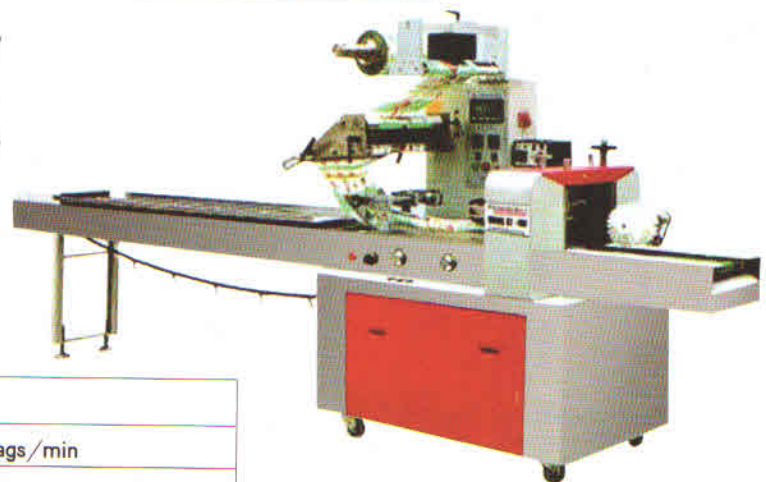


**DXDF-40**  
Automatic Granule Packaging  
Machine

The DXD series Automatic Packing Machine adopted advanced photo elec-  
tricity track planet differential compensating mode and automatic constant  
temperature control mechanism, which makes our machine has very fast  
packing speed. Automatically finish whole packing processes of bag making,  
computation, filling, sealing, cutting, counting and heat pressing batch num-  
ber on the bag. It can be used for various compound packing materials.

## KYZ-380 MODEL PILLOW TYPE CAPPING MACHINE

It is widely used to pack the regular pastry  
or kuchen such as mooncake, bread,  
volauvent, steamed bread And some boxes  
or cartons

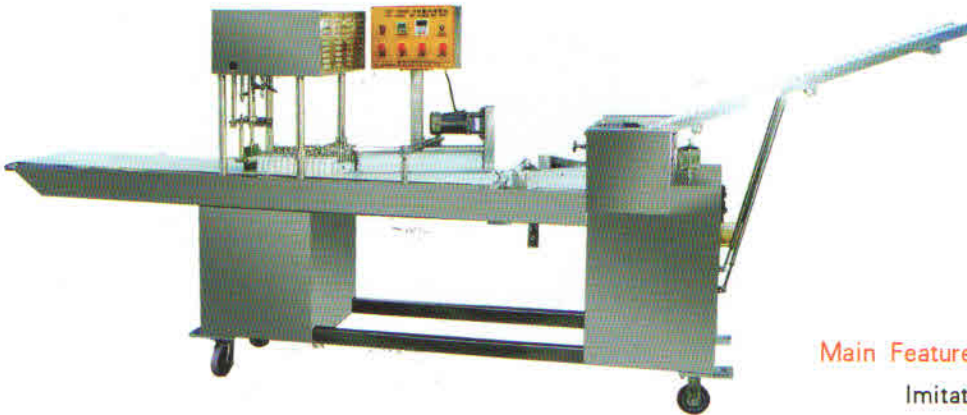


### Main Technological Parameter

Model	kyz-380
Bags size	25-110 bags/min
Mix diameter	< 300mm
Mix width	420mm
Film ply	0.04-0.07mm
Horse power/application votage	3.75kw/alternating current
Net weight	650kg



## KYM-8000 TYPE CREAM BREAD FORMING MACHINE



Type	KYM - 8000 1	KYM - 8000 11
Output	1000-8000/h	40000pieces/h
Bun weight	15-80k/piece	4-10g/piece
Horse power	1.5kw	1.5kw
Overall dimension	4030x650x1500mm	4030x650x1500mm
Machine weight	about400kg	about400kg

### Main Features:

Imitating the hand-made steamed bun with attractive appearances, high gluten and good taste. The main electrical elements adopt the world famous brand with reliable performance. The thickness of the flour belt, the shaping and the cutting size are all of stepless regulation, and it is easy to operate.

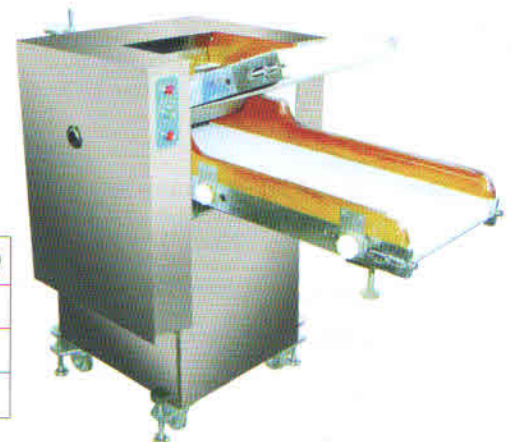
## HLY TYPE FLOUR MIXING MACHINE



TYPE	production capacity	electric pressure (v)	power (w)	appearance size	weight (kg)
HLY-15	30+50	380	2.8	900x450x850	250
HLY-25	50-100	380	3.6	1150x600x1300	450
HLY-20	150-200	380	5.5	1250x750x1350	700

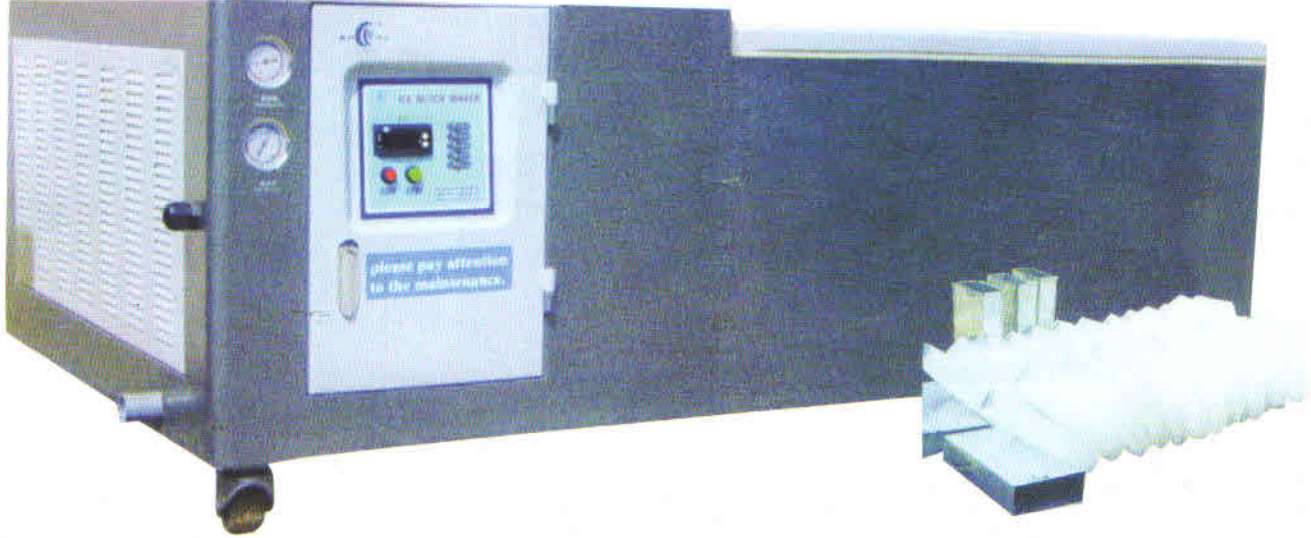
## KYY-350/500 TYPE AUTO DOUGH PRESSING MACHINE

TYPE	KYY-350	KYY-500
Thickness	5-25mm	8-25mm
Width	<350mm	<500mm
Max capacity	700kg/h	1000kg/h
Overall dimension	1130x610x1060mm	1300x755x1240mm
Horse power	2.2kw	3kw
Machine weight	230kg	330kg





**ICE BLOCK MAKER AND PLASTIC MACHINE**



Ice Block making machine



Ice Block making machine

**Main Technological Parameter**

QZB-305FA	30pcs/12H kgs	300kgs	200X80X330	1.5kw	R22	2020X1150X700
QZB-505FA	50pcs/12H 5kgs	500kgs	200X80X330	2.2kw	R22	2450X1150X700
QZB-1005FA	100pcs/12H 5kgs	1000kgs	200X80X330	3.75kw	R22	3740X1150X700
QZB-2005FA	200pcs/12H 5kgs	2000kgs	200X80X330	7.5kw	R22	6700X1000X700
QZB-3005FA	300pcs/12H 5kgs	3000kgs	200X80X330	11kw	R22	4500X2000X700

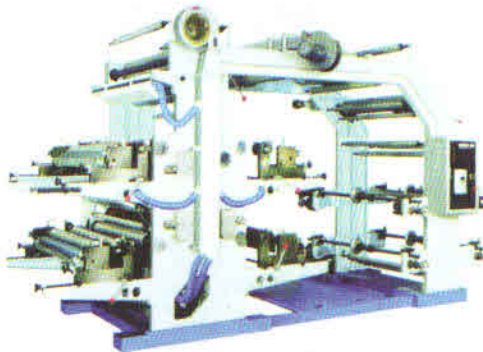
**ICE BLOCK MAKER AND PLASTIC MACHINE**



HDPE/LDPE Film Blowing Machine Set

**TECHNICAL DATA**

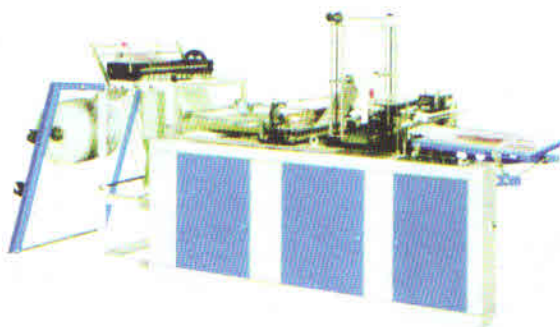
Model	SJ-55/FM800
Capacity	35Kgs/H
MAX film width	800MM



Flexible Printer

**TECHNICAL DATA**

Model	YT2600/YT4600
Printing Color	2Color/4Color
MAX film width	600MM/800MM



Bag-making Machine

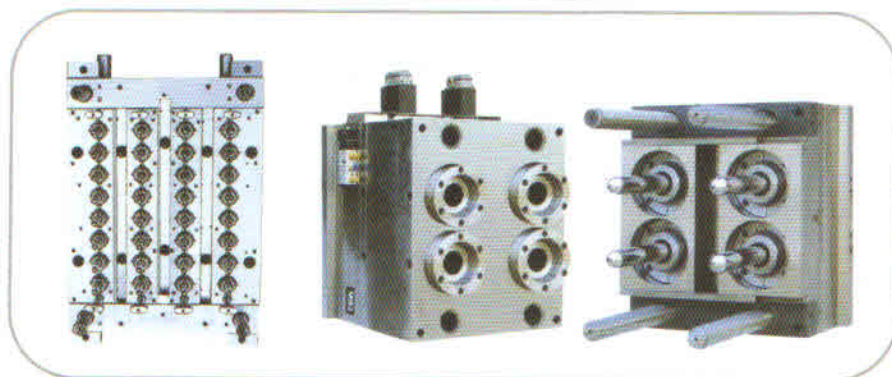
**TECHNICAL DATA**

Model	SHXJ-600
Capacity	100-400PCS/Min
MAX film width	600MM

## PLASTIC PREFORM



## TUBE MOULD



## BOTTLE CAP MOULD PLASTICS SHAPING MOULD

