

Professional Beverage
Filling Line Manufacturer

PROMAN MACHINE

Professional Beverage Filling Line Manufacturer



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ENTERPRISE PROFILE

企业简介



Zhangjiagang PROMAN Machine Co., Ltd. is a professional manufacturer of beverage machinery in China. It is located in Zhangjiagang City very closed to Shanghai with beautiful scenery and convenient transportation.

With scientific progressive conception of rapid introduction, we make our machinery cover all over the overseas market. We have been producing our goods with mature technique and first-class quality. Our products are not only marketed inland, but also exported to dozens of foreign countries.

Our main products have: Water filling production line, water treatment system, juice filling production line, carbonated drinks production line, and also 5Gallon bottle filling production line, and all other auxiliary equipments.

Every year we attend the exhibitions, like Canton fair, PROPAK, and other exhibitions in Dubai, Kenya, Saudi Arabia and Algeria and etc., that time we always visit some local old customers and we are sure that we can offer more and better services than other supplier.

We warmly welcome customers all over the world visit our factory!

我们的合作供应商

Our key parts suppliers



张家港普罗蒙机械有限公司成立于1998年,是中国饮料机械的专业生产厂家,自创建以来一直秉承“客户的需求是我们不懈的追求”的经营理念,致力于酒、饮料成套灌装机的研发、生产、销售和技术服务,经过几十年的发展,凭借良好的产品质量和市场服务,已经在国内外占有一席之地。

主要生产PET瓶,易拉罐,玻璃瓶,塑料桶及塑料易拉罐等种类包装材质的:纯生啤酒灌装生产线,黄酒、葡萄酒、白酒灌装生产线,茶、果汁饮料、乳饮料热灌装、超洁净灌装、无菌冷灌装生产线,碳酸饮料灌装生产线,瓶装或桶装纯净水、矿泉水灌装生产线。

同时为客户提供水处理系统,前处理调配系统,UHT杀菌系统,吹瓶机,套标热缩机,喷码机,膜包机,贴标机,纸箱包装机等酒、饮料工厂配套机械设备,以及全套工艺方案和交钥匙工程等技术服务。

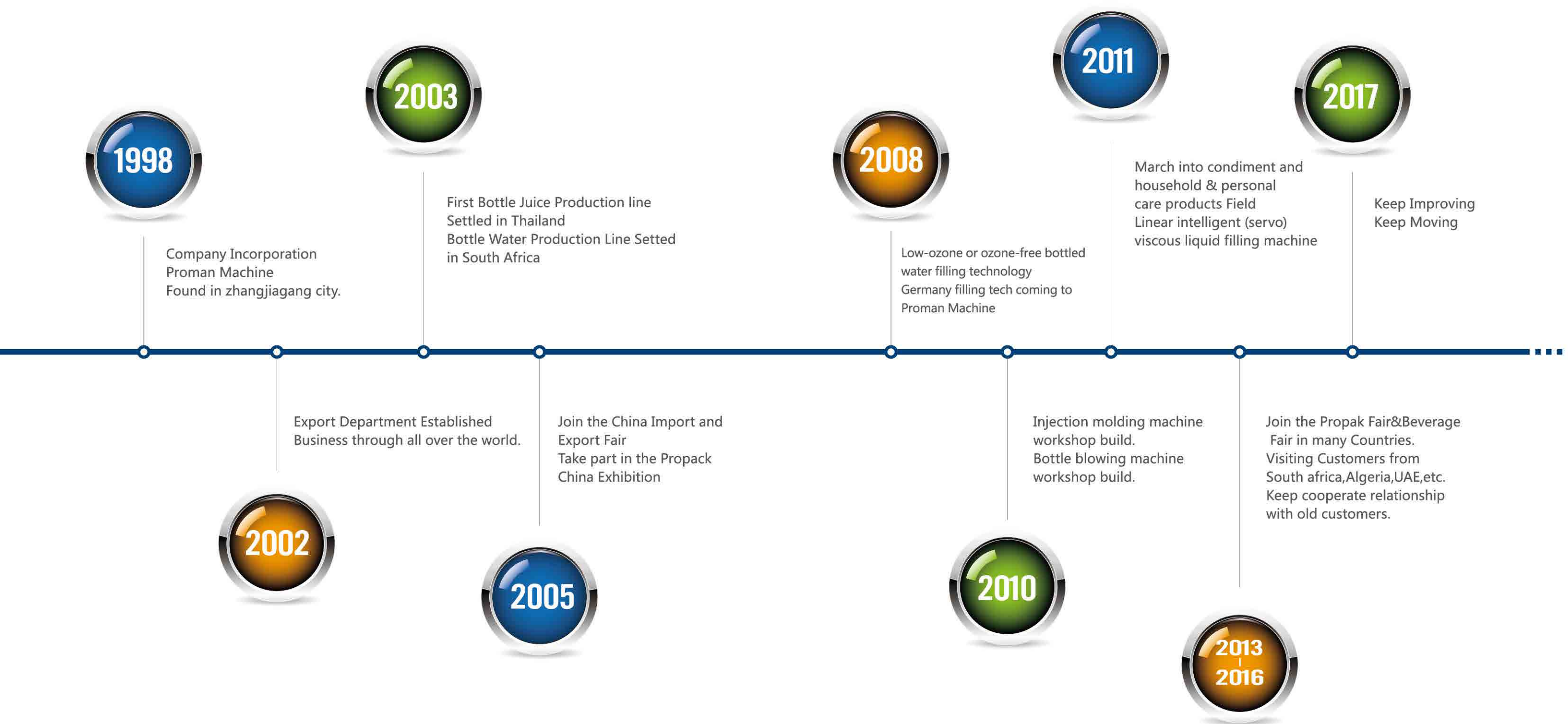
张家港普罗蒙机械有限公司依托自身的技术实力和制造经验,不断满足客户的个性化需求,帮客户实现设计意图,公司提供各种技术服务,帮助客户进行客户设备平面布置设计,解答客户工艺咨询,客户人员技术培训和操作培训等,依托自身对酒、饮料灌装生产线的设计能力和生产线配套设备的有效整合,并为客户提供整厂服务和交钥匙工程。

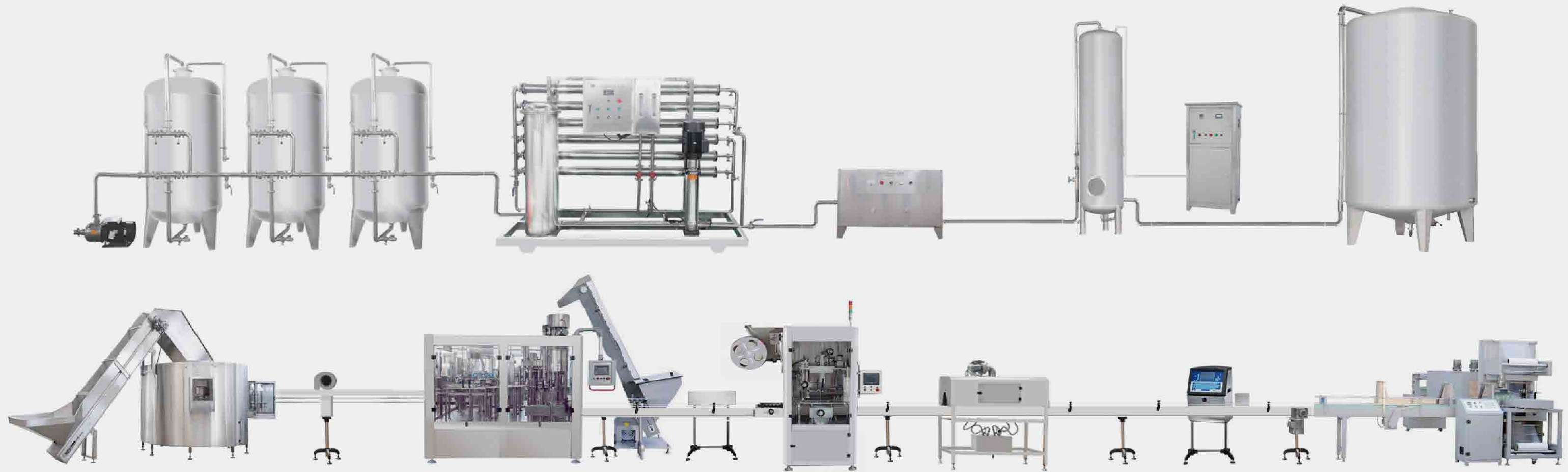


We keep improving
我们仍在努力

DEVELOPMENT HISTORY

发展历程





Flow Chat

WATER TREATMENT PLANT 水处理

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, small 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 um.

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 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 sterilize:

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 washing filling capping 3-in-1 machine



CGF 14-12-4

CGF Series Water washing filling capping 3-in-1 machine



CGF 32-32-10



CGF 24-24-8

Product introduction

The machine is mainly used for washing, filling sealing Non-Areated 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 troughout 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	CGF8-8-3	CGF14-12-4	CGF18-18-6	CGF24-24-8	CGF32-32-10	CGF40-40-12
Number of rinsing head	8	14	18	24	32	40
Number of filling head	8	12	18	24	32	40
Number of capping head	3	4	6	8	10	12
(500ml)Rated production capacity	1000-2000	2000-4000	6000-8000	8000-12000	12000-16000	16000-20000
(KW) Installed capacity	3	3.5	4	4.8	7.6	8.3
LxWxH(mm) Overall size	1900x1420x2000	2200x1600x2300	2450x1900x2300	2750x2180x2400	4000x2300x2300	4550x2650x2300

纯净水、矿泉水、果汁、酒类等冲洗、灌装、封口生产线

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



Usage Characteristic 使用特点

本产品生产线包括ZPC自动水洗机,GFP自动灌装机,YQX自动封口机,SC输送机等,关键零部件清洗、灌装、封口都是采用高质量的不锈钢,具有先进技术系统,性能可靠,操作方便。

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.

型号 Model	生产能力 Production	适瓶高度Bottle Height	电机功率 Motor Power
ZPC-12,GFP-12,YQX-8	1000-2000 b/h	1000-2000 b/h	3.05kw
ZPC-18,GFP-16,YQX-6	2000-5000 b/h	2000-5000 b/h	4.07kw
ZPC-24,GFP-24,YQX-8	3000-8000 b/h	3000-8000 b/h	4.82kw



3-10L洗瓶灌装封盖生产线

3-10L Bottle Washing Filling Capping Linear Line

Product introduction 产品介绍

本产品生产线主要用于液体灌装,集中消毒冲洗,灌装,封盖一起,具有稳定的生产能力,结构简单,操作方便。

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 技术参数

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大桶水灌装机

3-10L bucket water filling machine



Product introduction 产品介绍

3-10L大桶水灌装生产设备用于3-10L各种形状和各种容量聚酯瓶装矿泉水、纯净水等不含气饮料的生产,在一机上实现冲瓶、灌装、封盖。产量1000-7000瓶/小时可供用户选择。本机器采用日本、意大利最新技术,采用压力式定液面灌装原理,灌装速度快,液面控制稳,无地漏现象。弹簧式冲洗钳手使空瓶随轨道自动进行180度翻转,内外二道冲洗,冲瓶效率高。

3-10L bottle filling equipment for the production of various types of 3-10L and a variety of capacity of polyester bottled mineral water, pure water, such as the production of non air drinks, on a machine to achieve the bottle, filling, capping. Production 1000-7000 bottles / hour for user selection. This machine uses the latest technology in Japan, Italy, the use of pressure type liquid level filling principle, filling speed, liquid level control, no leakage phenomenon. The spring type washing clamp hand makes the empty bottle to be automatically turned 180 degrees along with the track, and the inner and the outer parts of the utility model can be washed in two ways.

Technical Parameter 技术参数

型号 Model	CGF8-8-3	CGF14-12-5	CGF18-18-6	CGF24-24-8	CGF32-32-10	CGF40-40-12	CGF50-50-15
冲瓶头数 Number of rinsing head	8	14	18	24	32	40	50
灌装头数 Number of filing head	8	12	18	24	32	40	50
旋盖头数 Number of capping head	3	5	6	8	10	12	15
额定产量 (500ml) Rated production capacity	1000	2000	3000	4000	5000	6000	7000
装机容量 (KW) Installed capacity	3	3.5	4	4.8	7.6	8.3	9.6

QGF系列全自动桶装水灌装线

QGF series Full automatic 5gallon water production line



Product introduction 产品介绍

QGF系列桶装水灌装线是专门为3加仑、5加仑桶饮用水设计的。该机型将清洗灌装和封口合一。这是生产矿泉水、纯净水设备良好的选择。整机采用优质不锈钢，耐腐蚀能力强，容易清洗。主要电气元件采用西门子、欧姆龙和相关著名的部分。机器有良好的机构、占用面积小，性能稳定，生产效率高，自动化程度高，是集机、电、气于一体的新型饮用水桶装设备。

QGF series of bottled water filling line is designed for 3 gallons, 5 gallon barrels of drinking water. The model will be cleaned by filling and sealing. This is a good choice for the production of mineral water, pure water equipment. The machine adopts high quality stainless steel, corrosion resistance, easy to clean. The main electrical components are SIEMENS, OMRON, and related parts. The machine has a good structure, small footprint, stable performance, high production efficiency, high degree of automation, is a collection of machine, electricity, gas in one of the new drinking water tank equipment.



BS-1拔盖刷桶机
BS-1 pull cover brush barrel machine

Technical Parameter 技术参数

型号 Model	QGF-100	QGF-200	QGF-300	QGF-450	QGF-600	QGF-900	QGF-1200
灌装头数 Filling head	1	2	3	4	4	6	8
容量 Volume(L)	18.9	18.9	18.9	18.9	18.9	18.9	18.9
桶尺寸 Barrel size(mm)	φ270x490	φ270x490	φ270x490	φ270x490	φ270x490	φ270x490	φ270x490
生产能力 Capacity (b/h)	100	200	300	450	600	900	1200
气压 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
用气量 Gas consumption (m³/min)	0.37	0.37	0.6	0.8	1	1.5	1.8
电机功率 Moto Power (kw)	1.38	1.75	3.8	3.8	7.8	9.75	13.5
额定电压 Rated voltage (V)	380V/50HZ	380V/50HZ	380V/50HZ	380V/50HZ	380V/50HZ	380V/50HZ	380V/50HZ
机器重量 Weight (kg)	680	800	1500	2100	3000	3500	4500

QHS系列饮料混合机
QHS series beverage mixer



Product introduction 产品介绍

本产品引进日本最新的技术开发研制而成，在国内同类产品中处于领先地位，本混合机主要适用各种碳酸饮料的混合加工，也可用于浆状饮料，发酵饮料等其他款饮料的混合加工。

This product is imported from Japan to develop new technology development, in a leading position in the domestic similar products, the mixed mixed processing machine is mainly suitable for all kinds of carbonated drinks, can also be used for pulp beverage, processing the mixture of fermented beverage and other drinks.

型号Model	QHS1800	QHS2500	QHS3500
生产能力Production Capacity	1500kg/h	2500kg/h	3500kg/h
电机功率Power	1.1kw	2.5kw	4kw

Product introduction 产品介绍

本机是在吸收了德国，意大利等同类设备技术基础上全新设计而成，采用循环热水喷淋冷却，温水预冷，冷水冷却三段式处理，冷却温瓶温度、时间根据用户要求可调，该设备自动化程度高，应用于各种瓶装、灌装热饮料、碳酸饮料的冷却、加热处理。本机采用美国品牌Rexnord耐高温聚丙烯（CPP）链板。机身采用优质不锈钢板制造，运行稳定，美观大方。

The machine is in the absorption of Germany, Italy and other similar equipment design of the new technology on the basis of which, the circulating hot water spray cooling, water cooling, water cooling three processing, cooling bottle temperature, time according to user requirements can be adjusted, the high degree of automation equipment, to be used in various bottles, filling, hot drinks carbonated beverage cooling and heating treatment. This machine adopts the American brand Rexnord high temperature resistant polypropylene (CPP) chain plate. The body is made of high quality stainless steel plate, stable operation, beautiful appearance.



混合机
Strong CO2 mixer



LY型系列冷饮水箱
LY series cold drink water tank



TL-500糖浆冷却机
TL-500 syrup cooler



双联过滤器
Duplex filter



调配罐
Mixing tank

含气灌装机
Carbonated drink filling machine

Product introduction 产品介绍

该系列设备用于生产PET瓶、碳酸饮料、可口可乐、可乐、白酒等含碳酸饮料的气体。实现了洗瓶、灌装、旋盖一体机，整机设计科学合理，外形美观、维修方便，它采用瓶处理技术使更换瓶更方便、更快和更容易。主机采用先进的PLC控制，触摸屏和无瓶，无盖系统。关键的电器元件均来自国际知名品牌。

The series equipment is used in production gas containing water of PET polyester bottle-packing carbonated beverage, such as Coca cola, pepsicola, 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 handling 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 技术参数

型号model	DCGF14-12-4	DCGF18-18-6	DCGF24-24-8	DCGF32-32-10	DCGF40-40-12	DCGF50-50-15	DCGF60-60-15
生产能力production capacity	2000-3000	3000-5000	5000-7000	7000-10000	10000-15000	16000-20000	20000-24000
灌装精度filling precision	±5mm (Liquid level)						
灌装压力filling pressure (MPa)	≤0.4						
PET瓶规格PET bottle specification (mm)	(bottle diameter) : φ50-φ115; (height) : 160-320						
适用盖形suitable cap shape	plastic screw cap or crown cap						
总功率total power (KW)	4.4	5.2	6.2	6.2	7.5	11	15
重量weight (kg)	2500	3500	4500	6000	7200	10000	15000
外形尺寸overall dimensions (mm)	2250*1650*2250	2600*1965*2250	2980*2200*2250	3880*2200*2250	4000*2250*2500	5500*3500*2500	6500*5500*2550

果汁灌装机
Juice filling machine



Product introduction 产品介绍

RCGF系列三集于一体机主要用于饮料的灌装过程。机器将清洗、灌装、旋盖与竞争的自动化,适用于灌装果汁和茶饮料,温度控制器,还可以进行热灌装,适用于各类瓶。瓶颈挂技术使换瓶容易只适应输送链高度的过程。灌装过程采用热归档技术供水系统的恒压,使灌装过程更快、更稳定,与同类设备相比,本机具有更好的质量,因此享有很高的性能价格比。热灌装型具有平衡油箱和真空系统的机器。

RCGF series three-in-one set of machine is mainly used in the beverage filling process.The machine combines washing, filling and capping with compete 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 filing 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 tatio of function against price.The hot filling type machine works with balanced tank and vacuum system.



Technical parameter 技术参数

型号model	RCGF 14-12-4	RCGF18-18-6	RCGF24-24-8	RCGF32-32-12	RCGF40-40-12
容量capacity500ml	3000	5000	8000	12000	16000
瓶形bottle shape	roud or square				
聚酯瓶PET bottle (mm)	(bottle diameter) : φ50-φ110mm (height) : 160-320mm				
帽子cap	PE srew cap or cap				
灌装精度Filling precision	≤±5%				
灌装压力Filling pressure (Mpa)	0.15-0.35	0.15-0.35	0.15-0.35	0.15-0.35	0.15-0.35
漂洗压力Rinsing pressure (Mpa)	0.2-0.25	0.2-0.25	0.2-0.35	0.2-0.25	0.2-0.25
总功率Total Power (KW)	3.6	4.4	5.2	6.2	7.8
总尺寸Overall size (mm)	2400*2000*2300	2800*2150*2300	3100*2450*2300	3800*2800*2500	4100*3000*2500
重量Weight (kg)	3500	4500	6500	7500	8500

玻璃瓶灌装机

Glass bottle filling machine



Product introduction 产品介绍

用于玻璃瓶、皇冠盖的饮料灌装及封口。本机采用国际先进技术，设计科学合理，外形美观，功能齐全，操作维修方便，自动化程度高，是中小型饮料生产厂家的首选设备。

Beverage filling and sealing for glass bottle and crown cover. This machine adopts international advanced technology, scientific and reasonable design, beautiful appearance, complete functions, convenient operation and maintenance, high degree of automation, is the first choice for small and medium sized beverage manufacturers.



Technical parameter 技术参数

型号model	BGF14-12-4	BGF16-16-5	BGF18-18-6	BGF24-24-8	BGF32-32-10	BGF40-40-12
冲瓶头数number of rinsing head	14	16	18	24	32	40
灌装头数number of filling head	12	16	18	24	32	40
旋盖头数number of capping head	4	5	6	8	10	12
额定产量 (500ml) rated production capacity	2000BPH	3000BPH	4000BPH	6000BPH	10000BPH	15000BPH
装机容量 (KW) installed capacity	3.2	3.6	4	4.8	7.6	8.3
外形尺寸LXWXH (mm) overall size	2100*1800*2400	2200*1900*2400	2450*1900*2400	2750*2250*2400	4000*2300*2400	4550*2650*2400

BGF系列啤酒灌装封口机

BGF series beer filling and sealing machine



Product introduction 产品介绍

本系列设备专用于玻璃装啤酒、碳酸饮料的等压灌装，灌装采用一次或二次抽真空技术，具有瓶自动关闭阀并冲洗碎玻璃功能，压盖前采用热水激泡等功能。

This series of special equipment for pressure filling glass beer, carbonated beverage. Filling with one or two vacuum technology, automatic closing valve and flushing bottle with broken glass, hot water foam and other functions using the front cover.



Technical parameter 技术参数

型号model	BGF12-6	BGF18-6	BGF24-8	BGF32-8
生产能力 production capacity (500ml) (b/h)	1000-1200	2000-3000	4000-5000	6000-8000
总功率 total power (kw)	1.5	1.5	3.75	5.6

WJ系列食用油灌装机
WJ series edible oil filling machine



Product introduction 产品介绍

本机型适用于各种有粘、无粘及腐蚀性液体，广泛适用于植物油、化工液体、日化行业的定量小包装灌装、直线式灌装、机电一体化控制，更换品种相当简便快捷，设计独特，性能优越，造型符合国际机械设备概念。

采用德国SIEMENS（西门子）PLC电脑，触摸屏控制，使其具有智能化保护功能，真空防滴装置，保证生产过程中绝无滴漏现象产生。电动调节容量系统，变频控制，光电检测采用德国TUPK产品。

This machine is suitable for various viscous and non viscous and corrosive liquid, widely used in plant oil, chemical liquid, daily chemical industry quantitative small packing filling, linear filling, electromechanical integration control, replacement of species is quite convenient, unique design, superior performance, other in conformity with the concept of international machinery and equipment.

Using the German SIEMENS (SIEMENS) PLC computer, touch screen control, so that it has an intelligent protection function, vacuum drip device to ensure no leakage phenomenon in the production process. Electric control capacity system, frequency conversion control, photoelectric detection using German TUPK products.

Technical parameter 技术参数

型号model	WJ-01	WJ-02	WJ-03	WJ-04	WJ-05	WJ-06	WJ-07
灌装头数filling head	2	4	6	8	10	12	14
适应容量suitable volume	0.5-6	0.5-6	0.5-6	0.5-6	0.5-6	0.5-6	0.5-6
生产能力 productivity	350-500	7000-1000	1000-1500	1500-2200	1800-2500	2000-3000	3000-4000
工作气压 work pressuer	0.6-0.7	0.6-0.7	0.6-0.7	0.6-0.7	0.6-0.7	0.6-0.7	0.6-0.7
功耗 power consupcion	≤1.0kw	≤1.1kw	≤1.5kw	≤1.5kw	≤1.5kw	≤2.0kw	≤2.0kw

四合一全自动灌装铝箔封口旋盖机
MILK/JUICEALUMINIUM foil washing.filling.sealing machine



Product introduction 产品介绍

本机采用生产牛奶、乳酸菌、豆奶、果汁等，全程采用常压灌装，自动制盖，电加热封口和旋盖（可选择）。阀门，PLC控制系统，光电温度控制，气动控制和自动润滑等采用德国、美国、日本等国家的知名品牌。本机是现代化企业的最好选择。

This machine is used in the production of milk, lactic acid bacteria, soy milk, juice and so on , wholly in normal pressure filling, automatic cover, electric heating sealing and screw cap (optional) .Valves, PLC control system, temperature control, photoelectric pneumatic control and automatic lubrication, etc.With German, America, Japan and other countries well-known brands.This machine is the best choice of modern enterprise.

Technical parameter 技术参数

型号model	GL10-10	GL20-12	GL24-14	GL30-30
封口头数 number of sealing head	10	12	14	30
试用瓶（罐）型 applicable bottle (tank)	瓶经bottle diameter: φ50-90		瓶高bottle of high: 110-28	
额定产量 rated production capacity	4000	8000	10000	18000
装机容量 (kw) installed capacity	3	3.2	3.2	4
外形尺寸LXWXH (mm) overall size	1600*1400*2100	1800*1600*2100	1900*1650*2100	2400*2000*2100

袋灌装机

Sachet filling and sealing machine



Product introduction 产品介绍

该系列广泛应用于薄膜包装牛奶、豆奶、各种饮料、酱油醋、黄酒等所有包装程序：紫外线灭菌、成型袋、打印日期、定量灌装、密封设计符合国家卫生标准。A和B模型采用单层聚乙烯薄膜采用C型复合膜，其中B型为双型设计，可填充两种液体中封、侧封和光电检测。

This series is widely used in the film packing of milk,soy milk,all kinds of drinks ,soy winegar, yellow wine etc.All packing procedures:ultraviolet ray sterilization,molding of bags,print of dates,filling with fixed quantity,sealing 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 middle sealing, side sealing and photo-electric detection.

Technical parameter 技术参数

型号model	SJY-1000A	SJY-1000B	SJY-1000C
生产能力speeding of production	1500-2100 bags/hour	1500bags/hour	1000-1800bags/hour
包装效率packing capacity	100-500ml	100-500ml	100-1000ml
包装尺寸packing size	L30-150*W120-160mm	L30-190*W84-120mm	L30-240*W120-160mm
机器功率power of machine	1.2kw 220VAC/380VAC	1.2kw 220VAC/380VAC	1.2kw 220VAC/380VAC
机器重量weight of machine	270kg	320kg	330kg
外形尺寸overall dimensions	850*800*1800mm	950*850*1900mm	1050*850*1850mm

全自动直线式旋盖机

Automatic straight line type capping machine



Technical parameter 技术参数

生产能力capacity	≤8000瓶/小时 (b/h)
适用瓶径applicable bottle diameter	φ35-140mm
适用瓶高bottle height	50-300mm
瓶盖直径 cap diameter	φ15-70mm
气源压力air pressure	0.6-0.8Mpa
电源电压voltage	AC380V, 50/60HZ
总功率total power	1.5KW
机器净重 net weight	750kg
外形尺寸(L*W*H) dimension	2000*930*2100mm

Product introduction 产品介绍

本机为直线式自动旋盖机，四只调速电机分别用于理盖、套盖、旋盖、输送，在旋盖过程中能自动理盖、自动套盖、自动旋盖。由于采用夹瓶带夹持瓶子，同步运行套盖、旋盖，运行时不会倒瓶。该机结构简单，稳定好，调节方便，更换规格时无需备件，只做调整即可。适用于食品、制药、化妆品、日化、农业、化工行业的圆柱瓶、厂方扁平及异形瓶的旋盖封口。

This machine is of linear type automatic capping machine, four speed motor are respectively used for sorting, cover, capping, sealing, automatic transmission, automatic cover, automatic capping in the capping process. Because the bottle holder is clamped by the clamping bottle, the cover and the cover can be synchronously operated, and the bottle can not be inverted during operation. The utility model has the advantages of simple structure, good stability, convenient adjustment, no need of spare parts for the replacement of specifications, and only adjustment. The utility model is suitable for the sealing cover of the cylindrical bottle, the flat and the special-shaped bottle of the food, pharmaceutical, cosmetic, daily chemical, agricultural and chemical industries.

直线式智能化(伺服)粘稠体灌装机

Linear intelligent (servo) viscous liquid filling machine



Product introduction 产品介绍

本机采用PLC微电脑可编程控制，集光、机、电、传感、气动执行于一体。注射缸活塞行程采用伺服电机驱动，行程定位精确，并设定了快慢速灌装。当灌装量接近瓶口时，速度压力减少，以防物料因冲击力大而飞溅溢出。该机自动化程度高，调节方便，当改变规格或修正计量时只需在显示屏上调整即可满足所需精确计量。可适用于植物油、蜂蜜、果酱、糖浆、制剂、悬浮剂、机油和日化行业各种粘稠物料的灌装。

This machine is controlled by PLC microcomputer, which is integrated with light, machine, electricity, sensor and pneumatic. The piston stroke of the injection cylinder is driven by a servo motor, and the stroke positioning is accurate. When the filling volume is close to the bottle mouth, the speed and pressure are reduced, so as to prevent the material from splashing because of the large momentum. The machine has a high degree of automation, easy adjustment, when the change of the specification or the correction of measurement can be achieved only by adjusting the display screen. It can be used for filling all kinds of viscous materials such as vegetable oil, honey, jam, syrup, preparation, suspending agent, oil and daily chemical industry.

Technical parameter 技术参数

生产能力capacity	5000瓶/小时 (b/h)
灌装容量filling volume	50-1000ml
计量精度measurement precision	±1% (250ml) , ±0.5% (250-1000ml)
适用瓶径applicable bottle diameter	φ40-100mm
气源压力air pressure	0.6-0.8Mpa
总功率total power	2.5KW
电源电压voltage	AC380V, 50/60HZ
机器净重 net weight	1200kg
外形尺寸(L*W*H) dimension	2400*1300*2150mm

易拉罐饮料包装生产线
Pop top Aluminum&PET canning line



Product introduction 产品介绍

该生产线主要用于马口铁、铝合金、PET塑料等易拉罐的冲洗、灌装、封盖。具有成垛的空罐自动提升、自动翻身、自动冲洗、灌装封盖的功能，且生产量大，是生产含气饮料的最佳设备。例如：可口可乐、百事可乐等。



The production line is mainly used for washing, filling and capping of tinplate, aluminum alloy, PET plastic, etc.. The utility model has the functions of automatic lifting, automatic turning over, automatic flushing, filling and sealing of the empty pot, and the production capacity is large. For example: Coca-Cola, Pepsi, etc..

Technical parameter 技术参数

型号model	XD-120	GD-24 (GD-32)	F8Z-6
生产能力 (B/H) production capacity	1000-2000	2000-10000	3000-9600
适用罐型 (mm) bottle/can type	φ50-80 H85-150	φ50-80 H85-150	φ50-80 H85-150
功率 (kw) power	1.5	2.5	3.5
外形尺寸L*W*H (mm) overall dimensions	1930*1640*3200	1460*1570*1900	1270*1050*1900
重量 (kg) weight	2000	3000	4000

理瓶机
Bottle unscrambler



Product introduction 产品介绍

LP-A全自动送料理瓶机主要适用于与大型高速生产设备的配套使用，具有自动送料、自动理瓶、出瓶排列等性能，是高速生产线上不可缺少的设备。

LP-A full automatically feeding and bottle arranging machine is mainly compatibly used with large-high speed production equipment, with the functions of automatically feeding materials, arranging bottles and arraying out bottles.This machine is an indispensable equipment on high speed production line.



Technical parameter 技术参数

型号model	LP-A
最大生产能力max.capacity	1000-36000瓶/小时 (b/h)
气源压力 air pressure	0.7Mpa
用气量air consumption	1.5M3/min
适应瓶型 suitable bottle shape	直径 (diameter) 50-90mm; 瓶高 (bottle height) 165-290mm
主电机功率power	7.5kw
主机外形尺寸dimension (mm)	φ3200*2340 (直径diameter*高height)
整机重量weight	4600kg

套标机

Automatic sleeve labeling machine



<< Product introduction 产品介绍

- 1.独特豪华亮丽外观造型,采用不锈钢包覆设计,符合机械设计规范,单一机体安装方便。
- 2.机械设计采用模组化设计,拆装更换方便快捷。
- 3.所有调整模组,采用连动式设计,操作简单,调整快捷。
- 4.驱动系统使用精密齿轮设计,稳定的传动速度,可达标签长度±1mm公差要求。
- 5.使用超音波电眼感应送料,配合弹簧张力控制系统,确保膜料输送稳定。
- 6.使用大屏幕人机界面操作设计,更为贴近人性化机械操作方式。

- 1 Unique luxury appearance, the use of stainless steel coating design, in line with the mechanical design specifications, a single body installation convenience.
- 2 Mechanical design using modular design, easy disassembly and replacement.
- 3 All the adjustment module, using linkage design, simple operation, quick adjustment.
- 4 Drive system using precision gear design, stable transmission speed, up to the label length + 1mm tolerance requirements.
- 5 Using an electric eye induction feeding, with the spring tension control system, ensure the film conveying stability.
- 6 The use of large screen man-machine interface design, more close to the human nature of mechanical operation.

<< Technical parameter 技术参数

型号model	SPC-150	SPC-250	SPC-350
主机尺寸Main engine size(LxWxH)	2000x1000x2000	2000x1000x2000	2000x1300x2000
生产速度Production rate	极速: 200瓶/分 limitation: 200 bottles / min	极速: 250瓶/分 limitation: 250 bottles / min	极速: 300瓶/分 limitation: 300 bottles / min
主机使用电源Host power supply	φ220V/φ380V	φ220V/φ380V/φ220V	φ220V/φ380V/φ220V
主机功率Main engine power	1.5-2KW	1.5-2KW	1.5-2KW
收缩功率Shrink power	12KW	12KW	12KW
标签长度Label length	40mm-180mm	40mm-180mm	40mm-180mm
标签厚度Label thickness	0.03mm-0.13mm	0.03mm-0.13mm	0.03mm-0.13mm
标签材料 Label material	PVP.PET.PS	PVP.PET.PS	PVP.PET.PS
瓶罐高度Bottle/can height	30mm-280mm	30mm-280mm	30mm-280mm
瓶罐直径Bottle/can diameter	φ50mm-φ125mm	φ50mm-φ125mm	φ50mm-φ125mm
瓶罐形状Bottle/can shape	圆形, 方形, 椭圆形 Round, square, elliptic rectangular		

贴标机

Adhesive labeling machine

<< Product introduction 产品介绍

本机适用于制药、食品、饮料、日化等各种方、扁瓶的单面、双面、侧面标签的粘贴。机器采用PLC程序控制,光电检瓶送标,具有生产效率高,贴标准确可靠、操作方便、适应范围广等优点。启动系统:依靠3-5极电机驱动,电子控制快捷,全自动传动装置,电源档位和高精度的钢星齿轮相结合,包含自动匹配的机械安全设施。

This machine is suitable for the paste of single side, double side and side label of various kinds of square and flat bottles of pharmacy, food, beverage, daily chemical and so on. The machine is controlled by PLC program, and it can be used to send the bottle. It has many advantages such as high production efficiency, reliable standard, convenient operation, wide adaptability and so on. Starting system: 3-5 pole motor drive, electronic control fast, automatic transmission, power gear and high precision steel star gear combination, including automatic matching of mechanical safety facilities.



喷码机

Code sprayer



<< Product introduction 产品介绍

- 1.可打印1-4行,字体大小可调。
- 2.喷码速度100m/分,条形码30m/分。
- 3.125ml墨水可喷印3千万字符(3mm高)。
- 4.可储存100条设置信息。
- 5.适用于金属、熟料、玻璃、纸质等材料。

- 1 printable 1-4 line, font size adjustable.
- 2 printing speed 100m/ points, bar code 30m/ points.
- 3.125ml ink can print 30 million characters (3mm high).
- 4 can store 100 sets of information.
- 5 suitable for metal, clinker, glass, paper and other materials.

激光喷码机

Laser printing machine



<< Product introduction 产品介绍

全新激光喷码机标识系统最高输出至50W的激光能量,在同类产品中达到最快的打印速度,满足客户的需求,同时,能够满足客户对于图形更苛刻的需求,可以轻松的在橡胶,玻璃和木头上留下高质量,永久的标识,适用于高速生产线。

Laser marking system new laser inkjet printer output to the highest 50W, to achieve the fastest print in similar products, to meet customer demand, at the same time, to meet customer demand for the graphics more demanding, can easily stay in rubber, high quality glass and wood, permanent marking, suitable for high-speed production line.

全自动收缩膜包装机

WD-150 Automatic PE film shrink wrapping machine



Production features 产品特点

本机用于矿泉水、饮料、啤酒、白酒、输液药瓶等产品的组合包装，包装无需底托，包装后产品坚固，美观。

- 1.采用进口欧PLC程序自动控制，性能稳定，控制精确。
- 2.具有自动输送进料，理瓶，收缩，冷却定型流程的全自动化功能。
- 3.薄膜输送采用感应开关控制，可调控送膜长度，减少损耗。
- 4.输送电机采用进口变频控制，实现无级调度。
- 5.先进的螺旋循环结构，三层隔热层处理，节约能源。
- 6.加强型冷却通道，可使用产品迅速定型，方便储运。

Technical parameter 技术参数

型号model	WD-150
整机外形尺寸L*W*H (mm) overall dimensions	5050*3300*2100
整机重量 (kg) weight of machine	1200
热收缩炉尺寸L*W*H (mm) heat shrinkable furnace size	3700*920*1750
最大包装尺寸L*W*H (mm) maxmum size	600*400*350
包装速度 (b/m) packing speed	8-10
输送带宽度 (mm) width of conveyer belt	920 (可调200)
工作电源功率 working power	三项五线380V 20kw
工作气压 (Mpa) working pressure	0.6-0.8
整机功率 (kw) machine power	20

This machine is used in the combination package of mineral water, beverage, beer, liquor, infusion bottle and so on. The packing is not needed.

- 1 imported European PLC program automatic control, stable performance, precise control.
- 2 fully automatic function of automatic feeding, sizing, shrinking and cooling.
- 3 thin film conveying is controlled by inductive switch, which can regulate the length of film and reduce the loss.
- 4 imported motor frequency conversion control, stepless scheduling.
- 5 advanced spiral circulation structure, three layers of insulation treatment, energy conservation.
- 6 enhanced cooling channel, the product can be quickly finalized, easy storage and transportation.

全自动直线式膜包装机

WD-250 Linear type PE film shrink wrapping machine



Production features 产品特点

- 1.专为瓶装饮料（纯净水、饮料、果汁、乳制品）的中速包装要求设计。
- 2.在产品前进输送过程中，自动组合包装，节省时间，提高效率。
- 3.可编程控制PLC控制，实现自动化工作流程。
- 4.恒温式封切刀，表面喷涂特氟龙，切口平整、牢固。
- 5.触摸屏操作，界面人性化，便于人机交流控制。
- 6.无底托包装，可适合不同瓶径及不同组合的包装。
- 7.国内中速度热收缩包装机领域首选的机型，操作简单方便，维修简单。

Technical parameter 技术参数

型号model	WD-250
整机外形尺寸L*W*H (mm) overall dimensions	12000*1000*2100
整机重量 (kg) weight of machine	2500
热收缩炉尺寸L*W*H (mm) heat shrinkable furnace size	2500*750*2100
最大包装尺寸L*W*H (mm) maxmum size	800*650*450
包装速度 (b/m) packing speed	16-20
输送带宽度 (mm) width of conveyer belt	541
工作电源功率 working power	三项五线380V 30kw
工作气压 (Mpa) working pressure	0.6-0.8
整机功率 (kw) machine power	30

- 1 design of medium speed packaging for bottled drinks (pure water, beverage, fruit juice, dairy products).
- 2 in the process of product delivery, automatic packaging, save time, improve efficiency.
- 3 programmable control PLC control, automated workflow.
- 4 constant temperature sealing cutter, Teflon surface, smooth incision, firm.
- 5 touch screen operation, user-friendly interface, user-friendly control.
- 6 no bottom packaging, suitable for different sizes and different packaging packaging.
- 7 medium speed heat shrinkable packaging machine in the field of preferred models, simple and convenient operation, simple maintenance.

全自动吹瓶机

Automatic bottle blowing machine



Technical parameter 技术参数

Model	Item	PM-A2	PM-A4	PM-A6
Productivity	Depend on bottle design	1800-2000 PCS/H	3200-4000 PCS/H	4000-5500 PCS/H
Product type	Volume	0.1-2.0L	0.1-2.0L	0.1-2.0L
	Body diameter	≤100mm	≤100mm	≤100mm
	Height	≤310mm	≤310mm	≤330mm
	Neck diameter	≤38mm	≤38mm	≤38mm
Mold	Cavity	2	4	6
	Mold thickness	240mm	240mm	240mm
	Mold volume	260*240*370mm	510*240*360mm	640*240*360mm
	Electrical source power	380V/220V 50/60HZ	380V/220V 50/60HZ	380V/220V 50/60HZ
Main machine Power		3Phase	3Phase	3Phase
	Rated Power	25kw	49kw	73kw
	Really use power	6.5kw	13kw	25kw
	HP air compressor	1.6m³/min3.0MPa	3.0m³/min3.0MPa	6.0m³/min3.0MPa
Air system	LP air compressor	1.0m³/min1.0MPa	1.6m³/min1.0MPa	2.0m³/min1.0MPa
	Air Tank	0.6m³3.0MPa	0.6m³3.0MPa	1.0m³3.0MPa
	Air dryer	1.0m³/min 3.0MPa	2.0m³/min 3.0MPa	6.0m³/min 3.0MPa
	Water Chiller	3HP	3HP	5HP
Machine	Size(L*W*H)	1900*1280*1930mm	1900*1860*1930mm	4100*1400*1800mm
	Weight	2000kg	3600kg	3200kg
Preform unscrambler	Size(L*W*H)	2000*950*2480mm	2000*950*2480mm	2000*950*2480mm
	Weight	250kg	250kg	250kg

半自动吹瓶机

semi-automatic blow moulding machine

Production features 产品特点

半自动吹瓶机采用直压式、微电脑控制、二步法吹瓶。主要吹PET管坯料的矿泉水瓶，饮料瓶，食用油瓶，药用塑料瓶，农药瓶，化妆品瓶等。

该机气路设计将气动和吹气分开，采用低压（0.4-0.8mpa）合模，锁模，封口，拉伸：高压（3-3.5mpa）吹瓶的形式，并采用气液锁模结构，保证合模、锁模等动作顺利进行，又保证模具的安全和吹瓶的质量，节省了瓶坯的材料。

Semi-automatic bottle blowing machine adopts direct pressure, microcomputer control, two step blowing bottle. The main blow tube blank PET mineral water bottles, beverage bottles, edible oil bottle, pharmaceutical plastic bottles, pesticide bottles, cosmetic bottles etc..

The gas path design will separate and gas blowing, using low pressure (0.4-0.8mpa) clamping, clamping, sealing, stretching: high pressure (3-3.5mpa) blowing form, and the gas-liquid locking structure, ensure the clamping and locking action smoothly, and ensure the mold safety and blow quality save a bottle blank material.



Technical parameter 技术参数

ITEM		单位	PM-12	PM-8Y	PM-1500	PM-1-20
瓶型规格 Product	理论产量 Theoretical output	Pcs/h	500	900	1800	90
	容积 Volume	L	5.0	2.0	2.0	20
	最大高度 Max. height	mm	360	360	360	550
	最大直径 Max. diameter	mm	120	105	105	300
成组型规格 Mould	模穴数 Number of cavities	/	1	2	4	1
	模板尺寸 Mould plate dimension (LxH)	mm	490x470	490x405	490x405	620x620
	模厚 Mould thickness	mm	250	220	220	380
	开模行程 Mould opening stroke	mm	220	180	180	380
电力规格 Electrical	电源 Power	/	220_380V/50_60HZ	220_380V/50_60HZ	220_380V/50_60HZ	220_380V/50_60HZ
	总功率 Total power	KW	11	11	21	36
	加热功率 Heating power	KW	10	10	20	37
机器规格 Machine	吹瓶机主机尺寸 Main body dimension (LxWxH)	m	1.5x0.65x2.0	1.5x0.65x2.0	1.5x0.65x2.0	2.1x0.75x1.6
	吹瓶机主机重量 Main body weight	kg	600	550	550	900
	加热烘箱尺寸 Pre-heater (LxWxH)	m	1.5x0.65x1.5	1.4x0.65x1.5	1.8x0.65x1.5	2.7x0.7x1.6
	加热烘箱重量 Pre-heater weight	kg	300	300	350	400

五加仑机械

Five gallon machine



Technical parameter 技术参数

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
Mould	preform inner diameter (mm)	≥φ16	≥φ16
	max.Mould plate diameter (l*w) (mm)	420*500	470*500
	max.Mould thickness	400	370
	Clamping force	330	100
Machine size and weight	Mould opening stroke	318	350
	Main machine (l*w*h)	2180*770*1960	1930*720*1830
	main machine weight	1000	800
	Heater (l*w*h)	2370*680*1650	1870*630*1450
	heater weight (kg)	380	250
	power (kw)	40	17.5

半自动4腔吹瓶机

Semi automatic 4 cavity bottle blowing machine



Technical parameter 技术参数

Model	PM-SA4
Number of cavites	4 cavity
Material	PET/PC/PP/PE
Clamping force	300KN
Max clamping stroke	350mm
Bottom moving stroke	60mm
Max.Stretching stroke	380mm
Theoretical output	2000BPH
Max.Area of mouldbase	750*420
Max.Mould thickness	190mm
Space between tie bars	670*340mm

半自动热灌装吹瓶机

Semi-automatic hot filling bottle blow molding machine



Technical parameter 技术参数

Model	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
pressuer for blowing (kg)	30	30	30	30	30	30
flow rate for woking (m3)	0.6	1	1.2	1.5	2	2
flow rate for blowing (m3)	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 diamiter*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

吹塑机

Automatic extrusion blow molding machine



Technical parameter 技术参数

Model	JMX-50	JMX-60	JMX-60D	JMX-70D	JMX-80
Max.Product volume (l)	2.5	6	2	6	25
Dry cyle (pc/h)	1500	1200	700*2	600*2	600
screw diameter (mm)	50	60	60	70	80
screw l/d ratio (l/d)	24-30	24-30	24-30	24-30	25-30
screw drive power (kw)	11-15	15-18.5	15-18.5	18.5-30	37-45
screw heating capacity (kw)	7.8-8.5	10.8-12	10.8-12	12-14.5	16-20
output of hdpe (kg/h)	30-35	60-68	60-80	70-85	120-140
oil pump drive power (kw)	5.5	5.5	5.5	5.5-7.5	22
clamping force (kn)	35	68	35	68	200
platen distance (mm)	138-368	178-538	138-368	178-538	400-900
capacity (l)					4.8
Max.Dia diameter (mm)	90	150	90	150	300
central distance of bi-die (mm)	110-130	130-200	130-150	150-200	
max.Die diameter(bi-die) (mm)	55	100	80	100	
central distance of three-die (mm)	80-110	100-120	80-110	110-140	
max.Die diameter(three-die) (mm)	40	60	40	70	
central distance of four-die (mm)	60-85	60-85	60-85	70-100	
max.Die diameter(four-die) (mm)	25	30	23	45	
die heat capacity (kw)					16
the average consumption (kw/h)	12.5	16.5	16.5	18.5	32
blowing pressure (mpa)	0.6	0.6	0.6	0.6	0.8
air volume (m/min)	0.4	0.5	0.4	0.4	0.8
cooling water pressure (mpa)	0.2-0.3	0.2-0.3	0.3	0.3	0.3
water consumption (l/min)	30	50	60	70	80
size of machine (l*w*h/m)	2.8*1.8*2.3	3.0*1.9*2.5	3.0*2.15*2.6	3.5*2.1*2.6	4.3*2.2*3.6
weight of machine (ton)	3.0	4.5	6.5	7.8	12.5

注塑机

Injection molding machine

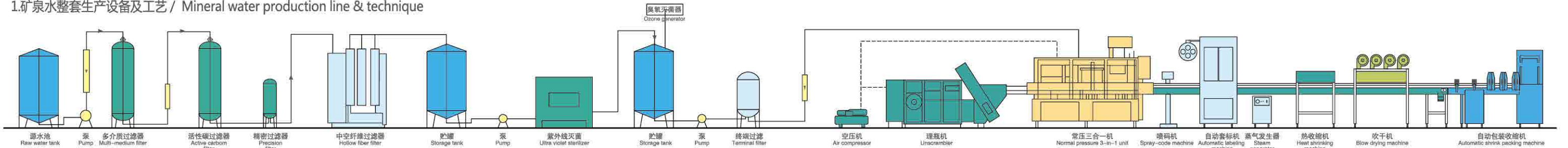


Technical parameter 技术参数

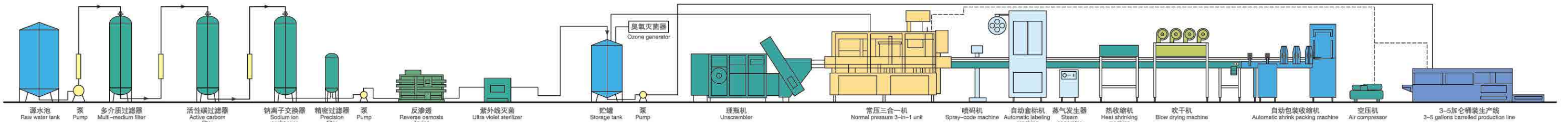
Item	BST-700A		BST-950A			BST-1300A			BST-1600A		
Screw diameter (mm)	32	35	30	35	40	35	40	45	45	50	55
screw l/d ratio (l/d)	20	18.8	24.5	21	18.4	24	21	18.7	23.3	21	19.1
theoretical shot volume (mm3)	113	135	113	154	201	173	226	286	358	442	534
shot weight (ps) (g)	101	121	103	140	183	158	206	260	326	402	486
Injection pressure (mpa)	232	194	249	183	140	235	142	142	219	178	147
theoretical injection rate (ps) (g/s)	62	72	67.5	91.8	120	110	181	181	142	175	212
plasticising capacity (g/s)	11	12	8.3	12.5	18	13.8	19.7	27.1	20.1	26.5	34.2
max screw rotate speed (r/min)	220		260			250			200		
injection stroke (mm)	140		160			180			225		
clamping unit											
Max.Clamping force (kn)	700		950			1300			1600		
max.Opening stroke (mm)	290		340			400			460		
space between (mm)	320*320		360*360			420*420			480*480		
mould height (mm)	120-300		135-380			160-440			180-500		
max.Daylight (mm)	590		720			840			960		
other											
Pump moter power (kw)	9		11			13			15		
heating power (kw)	6.2		7.3			9.2			13.6		
heating zone	4		4			4			4		
Net weight	2.7		3.2			4.3			5.6		
Oil tank capacity (t)	230		260			360			420		
Intenational designation (I)	700-230		950-280			1300-410			1600-785		

BST-2000A			BST-2400A			BST-3000A			BST-3800A			BST-4800A		
50	55	60	55	60	65	60	65	70	65	70	75	70	75	80
23.1	21	19	22.9	21	19.4	22.7	21	19.5	22.6	21	19.6	22.6	21	19.7
491	594	707	665	791	921	848	995	1154	1061	1231	1413	1346	1545	1758
447	540	643	605	720	845	772	905	1050	966	1120	1286	1225	1406	1600
215	178	149	210	176	150	207	176	152	203	175	152	201	175	154
145	175	208	176.5	210	245	241	283	328	308	357	410	370	423	484
22.5	28.7	35.4	26.4	32.5	40	35.2	43.3	51.8	50.6	60.5	71.5	60.4	71.4	83.7
170			150			150			150			150		
250			280			300			320			350		
2000			2400			3000			3800			4800		
500			530			590			680			770		
505*505			555*555			610*610			680*680			760*760		
190-530			200-570			220-630			250-710			280-790		
1030			1100			1220			1390			1560		
18.5			22			30			37			45		
16.6			16			16			16			16		
4			18.5			22			25			28		
6.4			8			11			15			19.8		
420			440			560			820			850		
2000-1060			2400-1390			3000-1750			3800-2150			4800-2710		

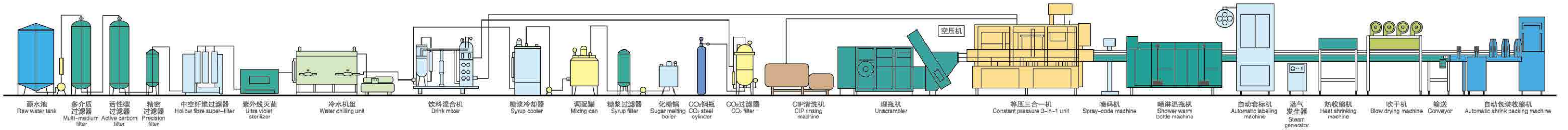
1.矿泉水整套生产设备及工艺 / Mineral water production line & technique



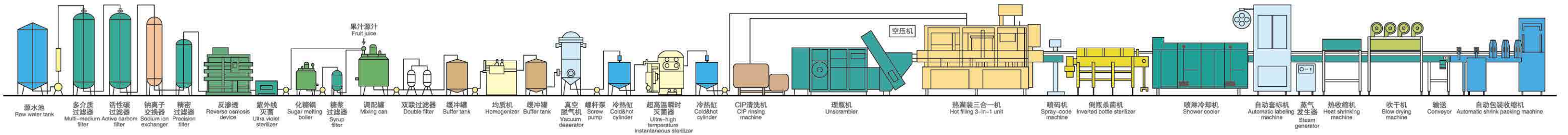
2.纯净水整套生产设备及工艺 / Puer water production line & technique



3.碳酸饮料(含汽饮料)整套生产设备及工艺 / Carbonated drink production line & technique



4.果茶整套生产设备及工艺 / Fruit juice& Fruit Tea production line & technique



4.茶饮料(乌龙茶、红茶、绿茶)整套生产设备及工艺 / Tea production line & technique

