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**datong**大通

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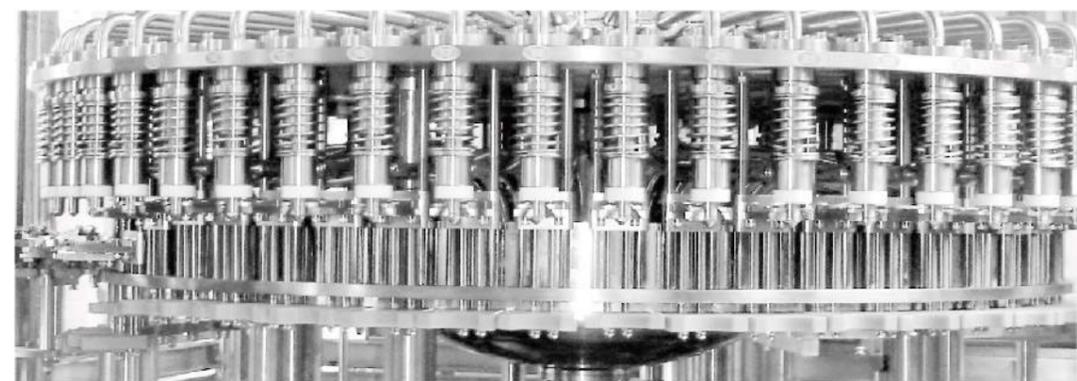
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FOOD BEVERAGE MACHINERY  
AND WATER TREATMENT  
PROFESSIONAL MANUFACTURER

食品饮料机械及水处理·专业制造商



张家港市大通机械有限公司  
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DO DRINK MECHANICAL AGE MODEL  
THE PRIVATE ENTERPRISE BRAND

做饮料机械时代楷模 创民营企业品牌

张家港市大通机械有限公司  
ZHANGJIAGANG DATONG MACHINERY CO.,LTD.

www.datong-machine.com

# ABOUT DATONG

## 关于大通



### 追求高品质的大通

PURSUIT HIGH QUALITY'S DATONG

张家港市大通机械有限公司是一家从事开发食品饮料机械的专业制造商。是一个集开发、科研、设计、生产制造和技术服务及市场营销于一体的专业制造成套饮料机械设备、食品包装机械设备的骨干企业。

Zhangjiagang Datong Machinery Manufacture Factory is a professional manufacturer of beverage machine and water equipment ,integrating development and production together .Our enterprise a collection development, research, design, manufacturing and technical services and marketing in a body's specialized in manufacturing complete sets of beverage machinery and equipment, food packaging machinery backbone enterprises.

### 大通主导产品

DATONG MAIN PRODUCTS

- 含气及不含气饮料生产线
- 果汁饮料 / 茶叶饮料及酒类等液体
- 瓶装 / 桶装 / 灌装及各类生产线
- Production line of carbonated or non-carbonated
- Production line of juice beverage/tea or wine etc.
- Bottled/canned/5 gallon filling production line

本公司的技术开发力量雄厚,设计先进,加工技术精良,服务安装周到。针对国内外的市场需求,我公司先后开发了多种产品的生产线及相关设备,可以满足不同客户的需求。目前公司的产品不仅应用在国内饮料加工领域,而且远销到东南亚、俄罗斯、非洲、美洲等很多国家和地区。为不断满足您的需求,更好地为您服务,我们的产品生产一代,研制一代,精心设计、精心制造,精益求精、精诚服务"这是我们公司的一贯宗旨。

The company has strong technology development strength, advanced design, excellent processing technology, considerate service installed. In view of the domestic and international market demand, our company has developed a variety of products of the production line and related equipment, can meet the needs of different customers. At present, the company's products are not only used in the field of domestic beverage processing, and sold to southeast Asia, Russia, Africa, the americas and other many countries and regions. To meet your needs, to better serve you, our product production generation, research generation, meticulous design, elaborate manufacture, painstaking management and sincere service "this is our company's consistent purpose.

本企业愿与各界人士携手合作、共同发展,  
建立长期稳定的业务关系,  
热忱欢迎新老用户光临惠顾。

We hope to have development with people from all over the word and establish a long-term and steady business relation. We welcome you to visit our company.



专业鉴证,诠释客户信赖的坚定基石!  
Professional identification,  
interprets the firm cornerstone of customer trust!

## QUALIFICATION HONOR 资质荣誉

张家港市大通机械有限公司2002年起就开始专注于饮用水&饮料生产灌装机械的制造和加工, 我们有丰富的经验和成熟的技术, 我们通过了CE,ISO,TUV等机构的认证。

Zhangjiagang Datong machinery Co.,ltd. focused on water & beverage filling machine since 2002. We have rich experience and mature manufacturing. We have CE, ISO, TUV certificates etc. to prove our strength.



### 企业精神

ENTERPRISE SPIRIT

依托科技的力量为最根本,  
以不断完善对客户的服务,  
更好为您服务。

Relying on the power of science and technology as the fundamental. To constantly improve the customer service, Better service for you.

### 员工精神

STAFF SPIRIT

努力开拓 发展自我  
和蔼、虔诚对问题不回避,不推托  
坚持合作、稳定为基础,改善不足,锐意革新。  
你发现了问题而不努力去解决,这就使公司走向衰亡。

Efforts to develop  
Development of self  
Kindly and piety does not shy away from to the problem, not dodge  
Insist on cooperation, stability, improve insufficient, innovative.  
You found the problem and don't work hard to solve, this makes the company going to decline.

### 经理人精神

AGENT SPIRIT

经理心中应对顾客、股东和员工负责  
员工间发生的错误就是经理的问题  
管理不仅是要管、还要理  
做好一件大事 = 做好许多小事 × 管理统筹能力

The manager responsible for customers, shareholders and employees in my heart  
Errors occur between employees is the problem of the manager  
Management is not only to tube, you also need to manage  
Make a big deal = to do many things by management as a whole



## ENTERPRISE CULTURE

### 企业文化



#### 我们的价值观

OUR VALUES

为社会服务, 劳动者最光荣  
 客户就是我们的上帝  
 损害公司利益, 就是损害每一个在职员工的利益, 因此每个员工都应与此种行为做斗争  
 一个人的价值 = 他自己的价值 (正) + 他带给团队中他人的价值 (正或负) 区别可就大了

For the social service, the most glorious laborers  
 Customer is our god  
 Damage the interests of the company, that is, damage the interests of every staff, so everyone should do with this kind of behavior  
 A person's value = the value of his own (positive) + he brings to the team the value of others (positive or negative) difference is big



#### 我们的共同理想

OUR COMMON IDEAL

做饮料机械时代楷模, 创民营企业品牌  
 Do drink mechanical age model, a private enterprise brand



#### 我们的团队观

OUR TEAM

把困难视为: 是在考验自己的一种方式  
 合作大于对抗, 是我们成功的基础  
 个人的缺点并不可怕, 关键是要看到别人的优点, 对照自己  
 不要狂大不勒, 成功是因为一群人都很伟大  
 自大往往是因为自己的表现超出了自己的预期, 应该看的更远

See difficulties as: the test is in a way  
 Cooperation is more than confrontation is the foundation of our success  
 Personal shortcomings is not terrible, the key is to see the good in people, control yourself  
 Don't crazy big, succeeded because a group of people are very great  
 Arrogance often because their performances exceeded his expectations, should see further



#### 我们的工作观

OUR WORK

社会并不需要我们 - 如果我们不提供有竞争力的服务  
 公司并不需要我们 - 如果我们不提供有价值的贡献  
 没有把工作做好, 等于没有工作  
 一个对工作不负责的人不值得他人的信赖  
 你的小失误可能带给他人麻烦

Society does not need to us - if we don't provide competitive services  
 Company doesn't need us, if we don't provide a valuable contribution  
 Didn't get the job done, will not work  
 A is not responsible for people to work is not worth the trust of others  
 Your little mistake may bring his trouble

# DEVELOPMENT COURSE 发展历程



## 2002年

张家港市大通机械有限公司成立了。一开始我们只是在一个不到1000平方的工厂里开始我们的设备制造。主要市场仅限于中国国内。

Zhangjiagang datong machinery co., ltd was founded. At first we were just in a less than 1000 square meters of factory began to our equipment manufacturing. Mainly confined to China's domestic market.

## 2005年

我们搬入2000平方左右的厂房。开通了对外销售的渠道。并开始把我们大通的设备销售到世界各地。

We moved into the workshop about 2000 square. Opened a foreign sales channels. And began to chase us equipment sold to all over the world.

## 2013年

张家港市大通机械的年销售额突破了3000万。85%是来自海外市场。

We broke through 30 million in annual sales. 85% were from overseas markets.

## 2006年

张家港市大通机械获得了欧盟CE认证和ISO9001等资格证书。

Zhangjiagang datong machinery co., ltd won the European CE certification and ISO9001 certificate.

## 2015年

张家港市大通机械的年销售额突破了5000万新高。90%是来自海外市场。

We broke through 50 million in annual sales record. 90% were from overseas markets.

## 2008年

张家港市大通机械开始建立了6000平方左右的现代化厂房和办公楼。公司建立了自己的外贸和内贸销售团队

Zhangjiagang datong machinery co., ltd began to set up the modernization of around 6000 square plant and office building. The company set up his own foreign trade and domestic trade sales team

## 2016年

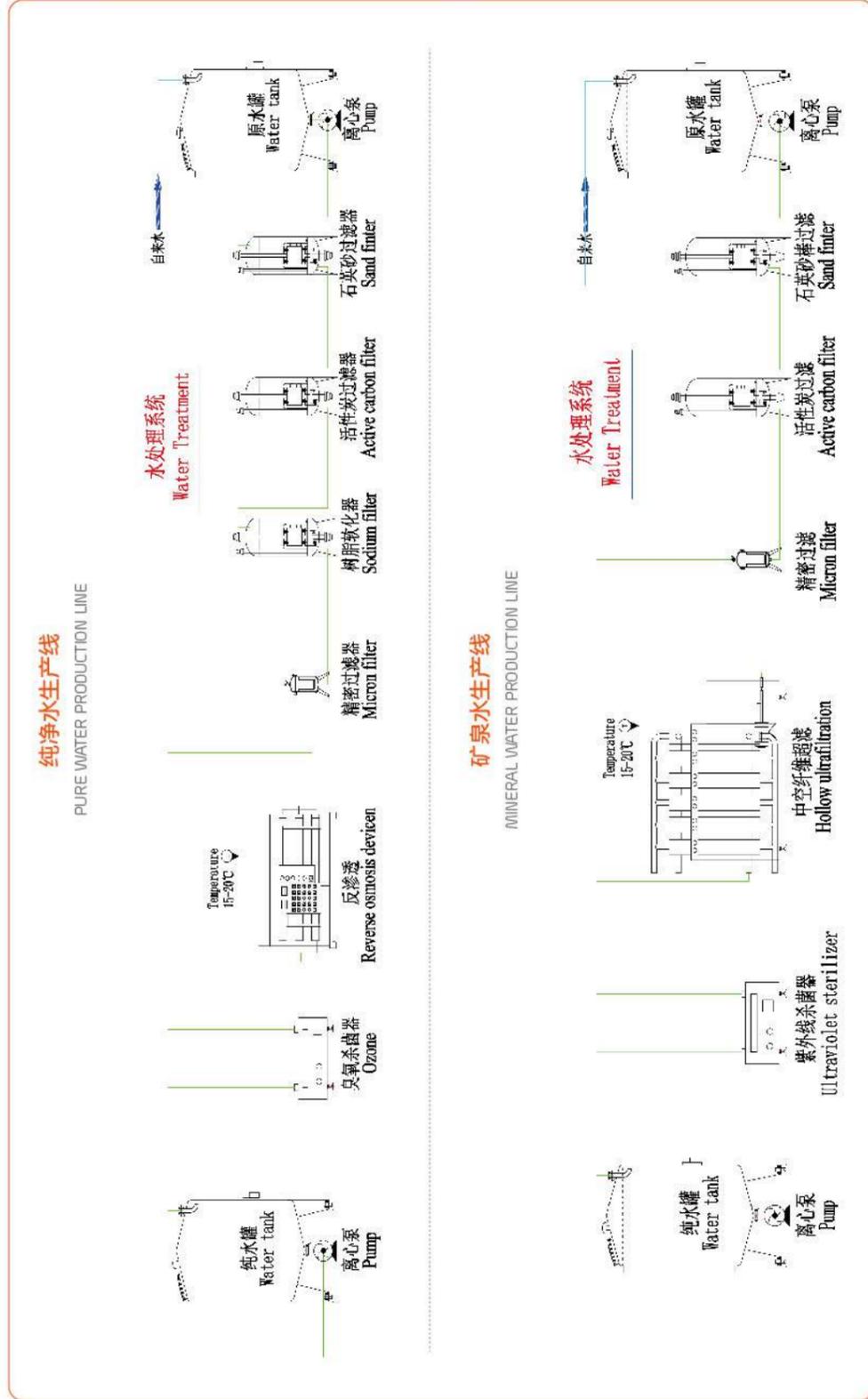
张家港市大通机械获得TUV认证机构颁发的证书。  
Zhangjiagang datong machinery co., ltd obtained the TUV certificate issued by the certification body.

## 2010年

已经有超过40个国家的客户使用张家港市大通机械的设备。

Customer already has more than 40 countries with our equipment.

纯净水、矿泉水工艺流程图  
PURE WATER,  
MINERAL WATER FLOW CHART



WATER TREATMENT  
SYSTEM  
水处理系统

适用产品  
APPLICATION

矿泉水、纯净水、其他类包装饮用水、食品饮料工艺用水等。  
Pure water, mineral water and other bottled water, water for food and beverage production.

主要包括  
PRODUCT'S SCOPE

主要包括：预处理系统（原水罐、多介质过滤器、活性炭过滤器、离子交换器、精密过滤器），膜分离系统（超滤器、纳滤器、反渗透机组）、电渗析设备、灭菌设备（紫外线设备，臭氧设备）、成品水储罐等。

It is mainly composed of the following equipments: pre-treatment system (water tank, multi-medium filter, active carbon filter, ion exchanger, millipore filter), membrane separation system (ultra filter, nanometer filter, RO system), electro dialysis device, sterilization system (UV device, ozone device), product water tank and so on.



# BEVERAGE PRE-TREATMENT SYSTEM

## 前处理系统

### 适用产品

#### APPLICATION

饮料前处理系统主要应用于热灌装、含气饮料灌装的前处理成套设备。

The beverage processing system applies to beverage processing for hot filling line and CSD filling line.

### 主要包括

#### PRODUCT'S SCOPE

热水系统、溶糖系统、辅料系统、调配系统、CIP系统、萃取系统、各类储罐、阀门、管件、UHT系统（板式/管式）。

Hot water system, sugar dissolving system (simple syrup system), concentrate system, blending system (final syrup system), CIP system, extraction system, kinds of storage tank/ valves/ pipe/fittings, UHT system (plate/ tubular type), and carbo-cooler/ mixer (manual/ automatic).



# LINEAR BLOWING MACHINE

## 直线式吹瓶机



直线式吹瓶机是大通采用当今国际最先进的制瓶技术开发研制的、用高压压缩气体将 PET 瓶胚吹制成型的高速直线式吹瓶机械。此设备自动完成瓶坯排列、加温及瓶子的拉伸吹制，吹瓶技术已达到行业领先水平。

Linear blowing machine, independently developed by DATONG via adopting the world's advanced techniques, is a kind of high speed equipment producing PET bottles by high pressure compressed gas. It has reached the top level by automatically arranging, heating and stretching preform.



### 技术参数

#### TECHNICAL PARAMETERS

ITEM		单位	DT-3-1500	DT-4-1500	DT-6-1500	
瓶型规格 Product	理论产量	Theoretical output	Pcs/h	3300	4500	6500
	容积	Volume	ml	200-1500	200-1500	200-1500
	最大高度	Max.height	mm	360	360	360
	最大直径	Max.diameter	mm	105	105	105
成型组规格 Mould	模腔数	Number of cavities	/	3	4	6
	模板尺寸	Mould plate dimension (L*H)	mm	430*360	600*360	820*360
	模厚	Mould thickness	mm	190	190	190
	开模行程	Mould opening stroke	mm	110	110	110
电力规格 Electrical	电压/频率	Voltage/frequency		380V/50HZ	380V/50HZ	380V/50HZ
	总功率	Total power	KW	18	25	35
	加热功率	Heating power	KW	15	22	32
空压机规格 Air system	动作压力	Operation pressure	Mpa	0.8-1.0	0.8-1.0	0.8-1.0
	动作耗气量	Action air consuming	m³/min	≥1.6	≥1.6	≥1.6
	吹气压力	Blowing pressure	Mpa	2.6-3.0	2.6-3.0	2.6-3.0
	吹气耗气量	Blowing air consuming	m³/min	≥2.4	≥3.2	≥4.8
机器规格 Machine	吹瓶机主机尺寸	Main body dimension (L*W*H)	M	2.7*1.45*2.0	3.4*1.9*2.0	4.4*1.9*2.0
	吹瓶机主机重量	Main body weight	KG	2000	2600	3200
	瓶胚输送机尺寸	Preform autoloade (L*W*H)	M	1.6*0.85*2.2	1.6*0.85*2.2	1.6*0.85*2.2
	瓶胚输送机重量	Preform autoloader weight	KG	200	200	200

以上技术参数不断更新,以实际产品为准。特殊产品可定制。

The above technical parameters are subject to continual update, please take the real product as the base. machines can be customized for special products.

# ROTARY BOTTLE BLOWING MACHINE

## 旋转式吹瓶机

旋转式吹瓶机具有结构合理、能耗低、稳定性好、吹瓶过程灵活及操作简便等优点。无论对于有吸引力瓶形设计方面还是在环保轻量瓶领域，大通都拥有着丰富的经验和领先的市场地位。

Rotary bottle blowing machine has reasonable structure, low energy consumption, good stability, bottle blowing process, the advantages of flexible and convenient operation. Both attractive bottle shape design and in the field of environmental protection light volumetric flask, chase has the rich experience and leading market position.



### 适用产品

#### APPLICATION

- 饮用水、含气饮料等普通 PET 瓶
- 各种耐热 PET 瓶
- Drinking water, gas beverage such as ordinary PET bottle
- All kinds of heat-resistant PET bottle



### 技术参数

#### TECHNICAL PARAMETERS

名称/型号	Name/Type	DTRC-8/DTRH-8	DTRC-10/DTRH-10	DTRC-16/DTRH-16	DTRC-20/DTRH-20
包装材质	Container material	PET	PET	PET	PET
模腔数	Blowing cavity	8	10	16	20
容积 (毫升)	Volume (ml)	20-1500	20-1500	20-1500	20-1500
瓶口尺寸 (毫米)	Neck diameter (mm)	Φ20 - Φ38	Φ20 - Φ38	Φ20 - Φ38	Φ20 - Φ38
生产能力 (冷瓶)	Capability (cold-fill bottle)	15000BPH	18000BPH	24000BPH	36000BPH
生产能力 (热瓶)	Capability (hot-fill bottle)	9000BPH	12000BPH	18000BPH	24000BPH
电压/频率	Voltage/frequency	380V/50HZ	380V/50HZ	380V/50HZ	380V/50HZ
高压气	Blowing pressure	35-40bar	35-40bar	35-40bar	35-40bar
低压气	Operating pressure	8-10bar	8-10bar	8-10bar	8-10bar

以上技术参数不断更新,以实际产品为准。特殊产品可定制。

The above technical parameters are subject to continual update, please take the real product as the base. machines can be customized for special products.



# SEMI-AUTOMATIC BOTTLE BLOWING MACHINE

## 半自动吹瓶机

- 1.采用双曲臂锁模,锁模力强,动作灵活。
- 2.控制器采用 PLC 控制( 可选用时间继电器控制 ),维修方便,成本低廉,时间控制可以精确到 0.01 秒。
- 3.气路设计将动作和吹气分为两部份,以满足吹瓶、动作不同气压的需求。
- 4.远红外加热器采用变频自转受热,轨道公转使加热均匀,快速可靠。
- 5.不同成段加热灯管配有独立的温控装置,保证瓶坯有理想的加热效果。
- 6.加热灯管的方向可以根据不同的瓶坯进行调节。
- 7.操作只需两人,不需要特殊的培训,安装,启动简单。

1. Double crank arm for mold locking reaches high mold-locking strength and flexible action.
2. Use PLC for control (time relay control optional), easy repair, low cost, with the time controllable accurately in 0.01s..
3. The gas circuit consists of moving and blowing so as to satisfy the different air demand of them.
4. The far-infrared heater uses a way of conversion self-rotating heating and the rail revolution makes the heating even, quick and reliable.
5. Every heating lamp has independent temperature control device, to get ideal preform heating effect.
6. The direction of the heating lamp is adjustable upon different preforms.
7. Only need two operator, do not need special training. Simple installing and starting.

### 技术参数

#### TECHNICAL PARAMETERS

ITEM			单位	DT-1	DT-2	DT-1-20
	理论产量	Theoretical output	Pcs/h	900	1800	90
瓶型规格 Product	容积	Volume	ml	200-2000	200-2000	20000
	最大高度	Max.height	mm	360	360	550
	最大直径	Max.diameter	mm	105	105	300
成型组规格 Mould	模腔数	Number of cavities	/	2	2	1
	模板尺寸	Mould plate dimension (L*H)	mm	490*405	490*405	620*620
	模厚	Mould thickness	mm	220	220	380
	开模行程	Mould opening stroke	mm	180	180	360
电力规格 Electrical	电压/频率	Voltage/frequency		380V/50HZ	380V/50HZ	380V/50HZ
	总功率	Total power	KW	11	21	36
	加热功率	Heating power	KW	10	20	35
机器规格 Machine	吹瓶机主机尺寸	Main body dimension (L*W*H)	M	1.5*0.65*2.0	1.5*0.65*2.0	2.1*0.75*1.8
	吹瓶机主机重量	Main body weight	KG	550	550	900
	加热烘箱尺寸	Pre-heater (L*W*H)	M	1.4*0.65*1.5	1.8*0.65*1.5	2.7*0.7*1.6
	加热烘箱重量	Pre-heater weight	KG	300	350	400

以上技术参数不断更新,以实际产品为准。特殊产品可定制。

The above technical parameters are subject to continual update, please take the real product as the base. machines can be customized for special products.



DT-1



DT-2



DT-1-20



## 5-10L AUTOMATIC BOTTLE BLOWING MACHINE

### 5L-10L 全自动吹瓶机



此机型采用伺服电动系统、专门针对大容量瓶客户设计，特别适用于吹制 5-10L 油瓶、饮用水及各种饮料，整机具有耗能少、精确度高、稳定性好、节省占地面积等特点。

This model uses electric servo system, specially for large capacity bottles of customers' design, especially for 5-10L edible oil bottle, drinking water and beverages, the machine has the advantages of low energy consumption, high accuracy, good stability, saving area and etc.

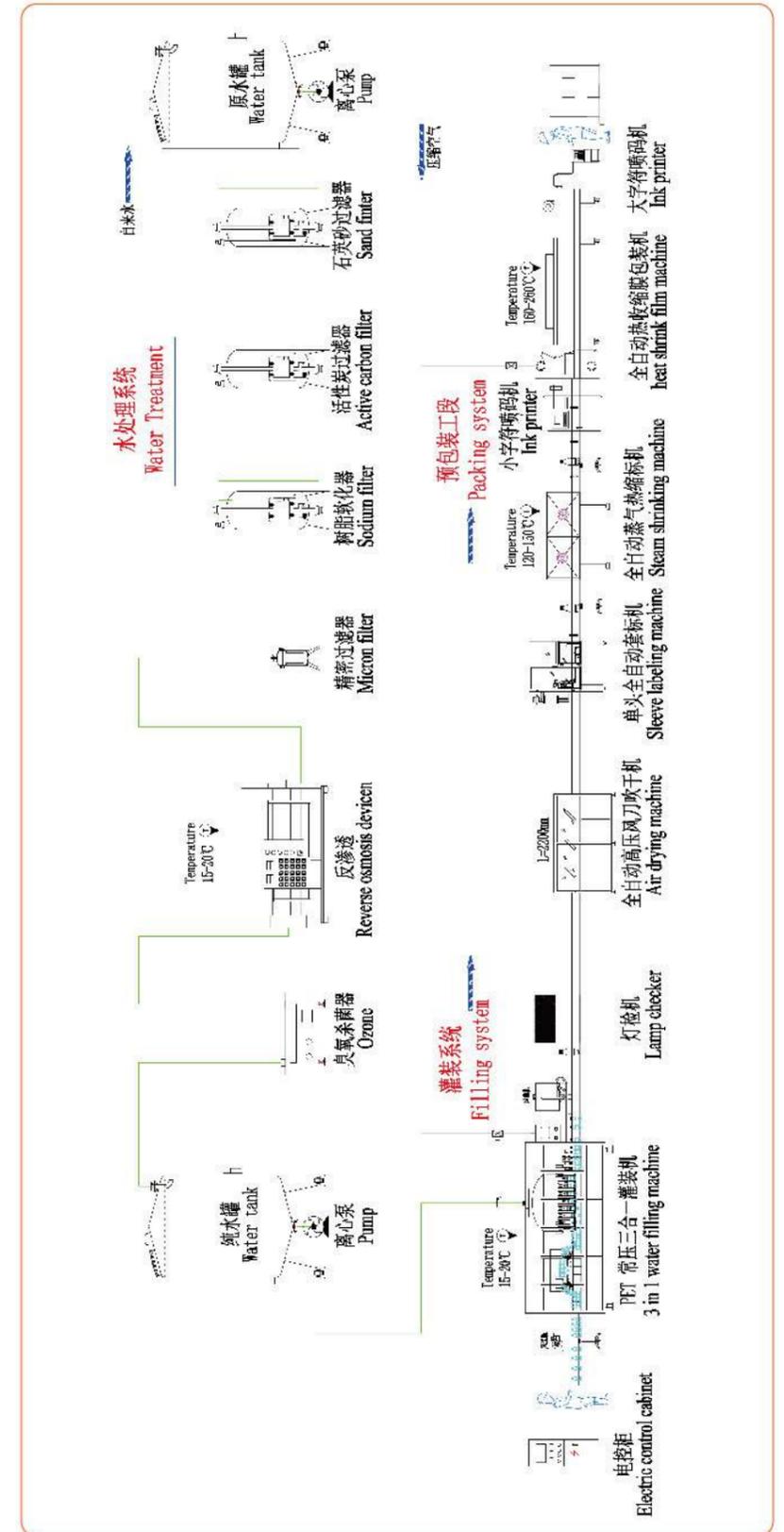
#### 技术参数 TECHNICAL PARAMETERS

ITEM		单位	DT-2-5000	DT-3-5000	
瓶型规格 Product	理论产量	Theoretical output	Pcs/h	1200	1800
	容积	Volume	ml	5000-10000	5000-10000
	最大高度	Max.height	mm	360	360
成型组规格 Mould	最大直径	Max.diameter	mm	195	195
	模腔数	Number of cavities	/	2	3
	模板尺寸	Mould plate dimension (L*H)	mm	600*360	820*360
电力规格 Electrical	模厚	Mould thickness	mm	280	280
	开模行程	Mould opening stroke	mm	200	200
	电压/频率	Voltage/frequency		380V/50HZ	380V/50HZ
空压机规格 Air system	总功率	Total power	KW	25	30
	加热功率	Heating power	KW	22	27
	动作压力	Operation pressure	Mpa	0.8-1.0	0.8-1.0
机器规格 Machine	动作耗气量	Action air consuming	m³/min	≥1.6	≥1.6
	吹气压力	Blowing pressure	Mpa	2.6-3.0	2.6-3.0
	吹气耗气量	Blowing air consuming	m³/min	≥2.4	≥3.2
吹瓶机主机尺寸	吹瓶机主机尺寸	Main body dimension (L*W*H)	M	3.4*1.9*2.0	4.4*1.9*2.0
	吹瓶机主机重量	Main body weight	KG	2600	3200
	瓶胚输送机尺寸	Preform autoloade (L*W*H)	M	1.6*0.85*2.2	1.6*0.85*2.2
	瓶胚输送机重量	Preform autoloader weight	KG	200	200

以上技术参数不断更新,以实际产品为准。特殊产品可定制。

The above technical parameters are subject to continual update, please take the real product as the base. machines can be customized for special products.

## 饮用水生产线工艺流程图 DRINKING WATER PRODUCTION LINE PROCESS FLOW CHART



# WATER FILLING MACHINE

## 水灌装机

### 技术特点 TECHNICAL CHARACTERISTICS

采用风送道与进瓶拨轮直连技术,取消了进瓶螺杆及输送链,变换瓶形简单容易。瓶子传输采用全程卡瓶颈技术,变换瓶形无须调整设备高低,只需更换与瓶身直径相关的弧形导板、拨轮等尼龙件。  
三合一机组内部一次完成洗瓶、灌装、封盖三道工序,瓶子磨损小、传动准确平稳、瓶形更换便捷。特殊设计的全不锈钢冲瓶机瓶夹结实耐用,不接触瓶口螺纹部位,避免瓶口二次污染。高速大流量重力灌装阀,灌装速度快,液面准确无液损。与液体接触的零部件全部采用优质不锈钢材料或食品级工程塑料,电气系统多数采用进口元件,符合国家食品卫生标准。出瓶拨轮瓶底托板采用螺旋下降方式,变换瓶型无须调整出瓶输送链高度。

If adopts technology of air conveyor direct connect with bottle infeed starwheel to instead of screw and conveyor.it is easier and more simple to change over bottle size. Adopt neck handling technology to convey bottles.there is no need to adjust the height of equipment and only need to change some spare parts.

By 3-in-1 monoblock ,the bottle goes through washing,filling and capping with little abrasion,and the transferring is stable.bottle changing is easier. Specially designed stainless steel bottle gripper dose not contact the thread parts of the bottle neck,avoiding the second contamination. High speed and mass flow filling valve ensures the high filling speed and exact fluid level.parts contacting liquid are all made of excellent stainless steel or food grade engineering plastic.the electric system is from international brand and achieves the national food hygienic standard.the bottle-out starwheel is helical structure.while changing over bottle size. It is no need to adjust bottle-out conveyor height.



### 适用产品 APPLICATION

纯净水、矿泉水、山泉水、其他类包装饮用水等。  
Pure water, mineral water, spring water and other bottled water etc.



### 技术参数 TECHNICAL PARAMETERS

型号 Model	CGF14 -12-5	CGF16 -16-6	CGF18 -18-6	CGF24 -24-8	CGF32 -32-10	CGF40 -40-12	CGF50 -50-15	CGF60 -60-15
生产能力 (瓶/时) Production capacity ( b/h )	2000-3500	3500-5000	5000-7000	7000-12000	12000-15000	15000-20000	20000-24000	24000-30000
适用瓶型 Suitable bottle shape	圆形或者方形 circular or square							
瓶径 Bottle diameter ( mm )	Φ50-Φ95							
瓶高 Bottle height ( mm )	150-310							
冲瓶介质 Washing medium	无菌水 aseptic water							
总功率 Total power ( kw )	3	3.5	4	5.5	7.5	11	15	20
总重量 Weight ( kg )	2200	2800	3000	4500	6000	9000	15000	18000
外形尺寸 Overall dimensions ( mm )	2050*1550*2200	2400*1750*2200	2550*1850*2200	3000*2150*2200	4200*2700*2400	4700*3200*2400	6500*3350*2400	7200*3650*2600

以上技术参数不断更新,以实际产品为准。特殊产品可定制。

The above technical parameters are subject to continual update,please take the real product as the base. machines can be customized for special products.



# 5 GALLON FILLING MACHINE

## 5加仑桶装水生产线

本系列产品集冲洗、灌装、封盖于一体,包括以下可选设备:拔盖机、桶外清洗机、桶内清洗机、洗桶-灌装-封盖三合一、灯检、缩帽机、套标机、输送系统及自动化系统等。

This series of machine integrate rinsing , filling and capping. The filling speed ranges from 100BPH to 1500BPH , rinser-filler-capper monoblock , automatic loading machine , bottle outside washer , bottle inside washer , decapper , heating shrink tunnel , conveyor system , complete line control system .



### 生产能力

#### CAPACITY

整线的生产能力从每小时 100 桶至 1500 桶

The filling speed ranges from 100BPH to 1500BPH

### 适用产品

#### APPLICATION

3 加仑、5 加仑桶装纯净水、矿泉水

Filling the pure water or the mineral water in 3 or 5 gallons



### 技术参数

#### TECHNICAL PARAMETERS

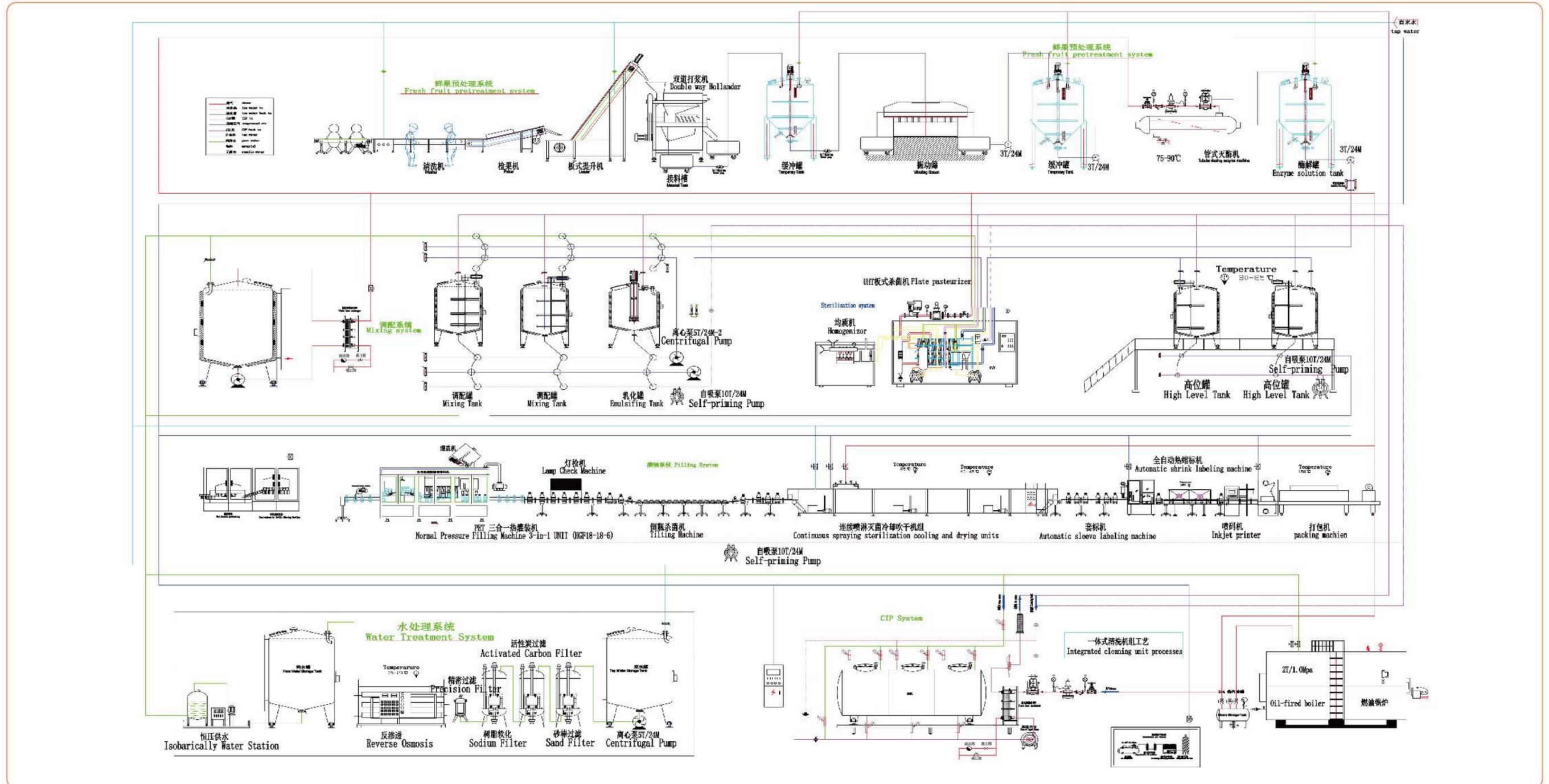
型号	Model	QGF-100	QGF-300	QGF-450	QGF-600	QGF-900	QGF-1200
灌装头数	Filling heads	1	2	3	4	6	12
容量	Volume (gallon)	3&5					
桶的尺寸	Barrel size (mm)	φ270*490					
生产能力	Capacity (B/H)	100	300	450	600	900	1200
耗气量	Gas consumption (m <sup>3</sup> /min)	0.37	0.6	0.8	1	1.5	1.8
总功率	Power (kw)	1.4	4	4	7.5	10	16
重量	Weight (kg)	500	1500	2100	3000	4300	6000

以上技术参数不断更新,以实际产品为准,特殊产品可定制。

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# PROCESS FLOW CHART OF FRUIT JUICE BEVERAGE

## 果汁饮料工艺流程图



## HOT FILLING 3 IN 1 MACHINE 热灌装三合一体机

RCGF 系列热灌装机标准机型为“三合一”，针对特殊生产条件，可增加一道消毒液冲瓶，即“四合一”。系统充分考虑饮料产品的特性（如茶饮料和混合果汁饮料易起泡）及热灌装的主要技术要求。

Standard type of RCGF series hot filling machine is "3-in-1". aiming at special production condition, one disinfectant rinser can be increased to be 4-in-1 monobloc. the system gives full consideration for beverage's characteristics (e.g. it is easy to have foaming for tea beverage and mixed juice.) and main technical requirement of hot filling.



### 技术特点

#### TECHNICAL CHARACTERISTICS

满灌装，避免瓶体冷却后塌陷，并且最大限度减少溶氧量。料仓和供料系统，合理的供料设计（恒流、恒压、不起泡沫），结构合理的料仓系统（具有排气、全密封、可测温），中高速线取消大型液缸，代之以液体分配器，可实现彻底的 CIP 压力清洗。卫生型灌装头系统，伞流式结构、灌装速度快、可满足满灌装及卫生要求的灌装头。完善的热灌装温控系统。具有有料自动启动外送的回流罐系统。完善的 CIP 清洗系统。

Full filling avoids the bottle distorted after cooling and reduces dissolved oxygen at the maximum degree. product storage hopper and feed system adopts reasonable product feed design (constant flow, constant pressure, no foaming). product hopper with reasonable structure (exhaust, fully close, temperature can be detected). medium and high speed line adopts product distributor instead of large liquid carousel, which can be cleaned completely by pressure cleaning with CIP. sanitary filling valve system umbrella-flow type structure, high speed, perfect hot filling temperature control system. product recycle tank system with automatic product feed startup, perfect CIP system.



### 适用产品

#### APPLICATION

茶、果汁、含乳饮料、功能饮料等。  
Tea, juice, functional drink, milk beverage etc.

### 技术参数

#### TECHNICAL PARAMETERS

型号 Model	RCGF14 -12-5	RCGF16 -16-6	RCGF18 -18-6	RCGF24 -24-8	RCGF32 -32-10	RCGF40 -40-12	RCGF50 -50-15	RCGF60 -60-15
生产能力（瓶/时） Production capacity (b/h)	2500	4000	6000	8000	13000	18000	22000	26000
适用瓶型 Suitable bottle shape	圆形或者方形 circular or square							
瓶径 Bottle diameter (mm)	Φ50-Φ95							
瓶高 Bottle height (mm)	150-310							
冲瓶介质 Washing medium	无菌水 aseptic water							
总功率 Total power (kw)	3	3.5	4	5.5	7.5	11	15	20
总重量 Weight (kg)	2200	2800	3000	4500	6000	9000	15000	18000
外形尺寸 Overall dimensions (mm)	2060*1550*2200	2400*1750*2200	2550*1850*2200	3000*2150*2200	4200*2700*2400	4700*3200*2400	6500*3350*2400	7200*3650*2600

以上技术参数不断更新，以实际产品为准。特殊产品可定制。

The above technical parameters are subject to continual update, please take the real product as the base. machines can be customized for special products.

## PLATE UHT STERILIZER 板式杀菌机



该设备采用超高温处理方法,使液体乳制品、茶饮料、果汁达到严格的灭菌,进而转入无菌包装,其杀菌温度为121-137℃,保温时间为3-5秒,从而尽可能的保持饮料、饮品的原有营养色泽及风味。本设备具有热回收率高,结构紧凑、美观、温度控制等特点;本产品有热灌装,出料温度自控,也可冷灌装。控制方法:半自动、全自动(PLC控制,触摸屏显示)。

This machine adopts UHT processing method,makes the liquid dairy beverage and juice etc strictly sterilized,then into aseptic package,with the sterilization temperature:121-137℃,warm keeping time:3-5S,so to keep the original nutrition,colour and flavour of the beverage and dairy,this machines is of the advantages of high heat recycle,compact and fine structure,and temperature control,outputting material temperature,and cool package.controlling way:semi-automatic,full automatic(PLC controlling,touch screen)

## TUBE UHT STERILIZER 管式杀菌机

管式杀菌机可用来对各种乳品、果汁、饮料、糖浆、酱油、酒类、醋类、药液进行热处理。

The tube(pipe)sterilize machine can take hot process on the liquid foods and beverage.



## BOTTLE INVERSE STERILIZER MACHINE 倒瓶杀菌机



倒瓶杀菌机主要用于PET 聚酯瓶包装的果汁、茶等饮料热灌装后对瓶口、瓶盖内壁未经杀菌或高温处理的部分进行杀菌。本机主要由传送链系统、瓶体反转链系统、机架、瓶子翻转导杆等构成;本机实现自动翻转杀菌和自动复位、而且在杀菌过程中,只须通过瓶子内存物的自身高温对瓶口和瓶盖内壁进行杀菌,不必增加任何热源,达到节能目的。机身采用 304 材料制作,美观大方、使用方便。

It is mainly used in sterilizing PET bottle mouth and inside surface of caps.in which haven't been disinfected by thermal tea,fruit juice which having been filled in PET bottle.it mainly consist of chief conveying chain system,support,bottle reversing chain system,bottle reversing guiding rod and bottle repositioning rod,use its inner thermal medium to disinfect bottle mouth and caps without any other heat souce,so it can save energy.the machine is fully made of SUS304 stainless steel,more convenient in operation.

## CONTINUOUS SPRAYING STERILIZER 连续式喷淋杀菌机

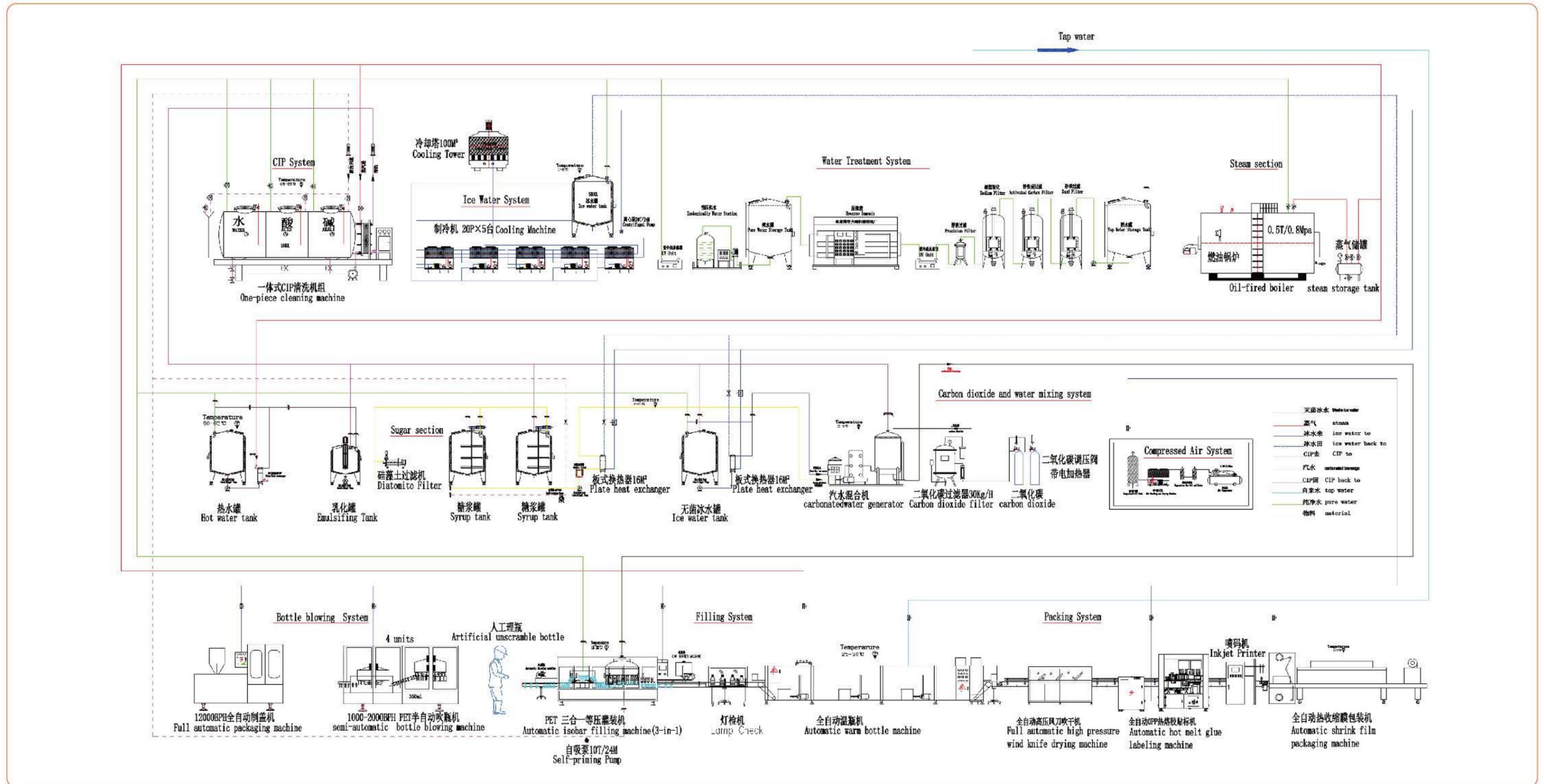
连续喷淋式杀菌机是在吸收、消化国外样机的基础上设计而成。采用循环温水预热、循环热水杀菌、循环温水预冷,再用冷却水喷淋冷却,四段处理形式;具有杀菌温度自动控制,杀菌时间无级可调等优点,能广泛应用于各种瓶装、灌装酸性果汁饮料、电解质饮料、酒类、调味品等产品的杀菌冷却。本设备可根据用户提出的杀菌条件及产量要求进行设计。

Continuous spraying sterilizer is designed and made on the basis of absorbing and digesting abroad machine.it adopts warm water to preheat,sterilize with recycling hot water,recycling warm water to pre-cool,and cooling water to cool,it is with the advantages of sterilizing temperature automatic control,and adjustable sterilizing time;and can be widely used in sterilizing and cooling of juice and beverage in various bottles and cans,electrolyte beverage,wine and condiments.it can be designed and made to the sterilization conditions and production provided by the customer.



# PROCESS FLOW CHART OF CARBONATED BEVERAGE

## 含气饮料工艺流程图



## CARBONATED DRINK FILLING MACHINE

### 含气饮料灌装机

整机可拆成三大模块,出瓶输送链高度可调。瓶通过风道,由星轮夹瓶头先后送至洗瓶机、灌装机、旋盖机,最后经出瓶输送链送出。在整个过程中设有多处卡瓶、缺瓶、缺盖、过载等保护报警装置,性能可靠,工艺流程科学,食品卫生条件满足食品卫生国家标准,生产自动化程度高,操作简便。

The machine could be separated to 3 modules.the height of the bottle-out conveyor is adjustable.bottles are conveyed to rinser,filler and capper through starwheel and conveyed out finally through bottle-out conveyor.equip alarm device for bottle block,bottle absence,cap absence and overload.the machine meets the national food hygienic standard,with high automation and easy to operate.



### 适用产品

#### APPLICATION

可乐、汽水、含气苏打水等。  
Cola,carbonated water , soda water , etc .

### 技术特点

#### TECHNICAL CHARACTERISTICS

采用风送道与进瓶拨轮直连技术,取消了进瓶螺杆及输送链,变换瓶形简单容易。瓶子传输采用全程卡瓶颈技术,变换瓶形无须调整设备高低,只需更换与瓶身直径相关的弧形导板、拨轮等尼龙件。

三合一机组内部一次完成洗瓶、灌装、封盖三道工序,瓶子磨损小、传动准确平稳、瓶形更换便捷。特殊设计的全不锈钢冲瓶机瓶夹结实耐用,不接触瓶口螺纹部位,避免瓶口二次污染。承压式液缸,高速大流量等压灌装阀,灌装速度快,液面准确无液损。与液体接触的零部件全部采用优质不锈钢材料或食品级工程塑料,电气系统多数采用进口元件,符合国家食品卫生标准。出瓶拨轮瓶底托板采用螺旋下降方式,变换瓶型无须调整出瓶输送链高度。

It adopts technology of air conveyor direct connect with bottle infeed starwheel to instead of screw and conveyor.it is easier and more simple to change over bottle size. Adopt neck handling technology to convey bottles.there is no need to adjust the height of equipment and only need to change some spare parts.

By 3-in-1 monoblock ,the bottle goes through washing,filling and capping with little abrasion,and the transferring is stable,bottle changing is easier. Specially designed stainless steel bottle gripper dose not contact the thread parts of the bottle neck,avoiding the second contamination. Pressure liquid carousel.High speed and mass flow filling valve ensures the high filling speed and exact fluid level.parts contacting liquid are all made of excellent stainless steel or food grade engineering plastic.the electric system is from international brand and achieves the national food hygienic standard.the bottle-out starwheel is helical structure,while changing over bottle size. It is no need to adjust bottle-out conveyor height.

### 技术参数

#### TECHNICAL PARAMETERS

型号 Model	DCGF14 -12-5	DCGF16 -16-6	DCGF18 -18-6	DCGF24 -24-8	DCGF32 -32-10	DCGF40 -40-12	DCGF50 -50-15	DCGF60 -60-15
生产能力 (瓶/时) Production capacity ( b/h )	2000	3500	5000	7000	10000	15000	20000	24000
适用瓶型 Suitable bottle shape	圆形或者方形 Circular or square							
瓶径 Bottle diameter ( mm )	Φ50-Φ95							
瓶高 Bottle height ( mm )	150-310							
冲瓶介质 Washing medium	无菌水 Aseptic water							
总功率 Total power ( kw )	3	3.5	4	5.5	7.5	11	15	20
总重量 Weight ( kg )	2200	2800	3000	4500	6000	9000	15000	18000
外形尺寸 Overall dimensions ( mm )	2050*1550*2200	2400*1750*2200	2550*1850*2200	3000*2150*2200	4200*2700*2400	4700*3200*2400	6500*3350*2400	7200*3650*2600

以上技术参数不断更新,以实际产品为准。特殊产品可定制。

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## DRINK MIXER 饮料混合机



QHS 系列饮料混合机是提高水、糖浆和二氧化碳的比例精确而精心设计制作，采用国外先进技术—静态混合器来减薄水层，增加碳化时间，确保饮料混合效果；采用二氧化碳回流脱氧，既节省二氧化碳，又达到脱氧的目的；优质的水泵和西门子电器等组成完善的自动控制系统，具有动作协调、外形美观、清洗便利、自动化程度高等优点，适用于多种类型饮料的混合。如汽水、可乐、苏打水等饮料。

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 , assure mixing result and deoxygen . It adopts high-quality water pump and SIEMENS electrical equipment and other parts to form 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 drink , such as soda water , cola and other soft drink .



## 5-10L BOTTLE WATER FILLING LINE

### 5-10L瓶装饮用水灌装线



本系列设备用于聚酯瓶装 5-10 升纯净水、矿泉水的生产。在一机上实现冲瓶、灌装、封盖。整机设计科学合理，外观美观，功能齐全，操作维修方便，自动化程度高。灌装速度快，液面控制稳。

The equipment is used in production of non-carbonated drink of minerals and pure water packed in polyester bottles 5L-10L.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.



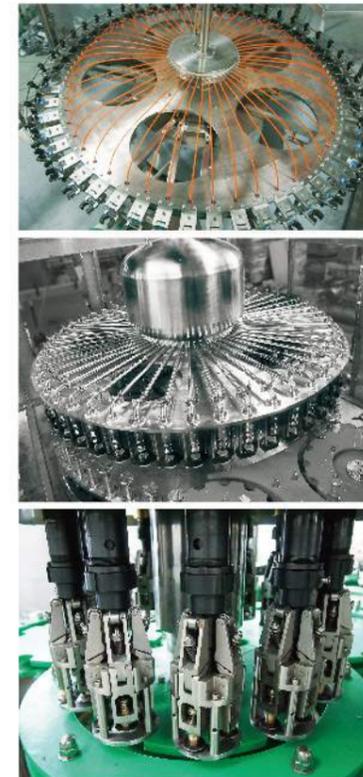
# GLASS BOTTLE FILLING LINE

## 玻璃瓶灌装生产线

### 主要包括 PRODUCT'S SCOPE

卸垛机、洗瓶机、洗瓶-灌装-封口三合一机、净化、上盖、理盖、温瓶/喷淋冷却、实瓶输送、贴标机/套标缩标机、装箱/膜包、码垛、电气控制、工程设计和施工等。

Decaser, bottle washer, rinsing-filling-capping machine, purification system, cap elevator, cap sorter, bottle warmer/cooling tunnel, filled bottle conveying system, labeling machine, carton/film packing machine, palletizer, electric control, engineering design and construction.



### 生产能力

#### CAPACITY

2000-24000 瓶/时  
2000-24000BPH

### 适用产品

#### APPLICATION

瓶装水、茶、果汁、功能性饮料、含气饮料等  
Bottled water, tea, juice, functional drink, carbonated beverage etc.

### 适用容器

#### APPLIED CONTAINERS

各种容量及形状的玻璃瓶及铝瓶等  
Glass or aluminum-made bottles with various capacities and shapes.

### 适用瓶盖

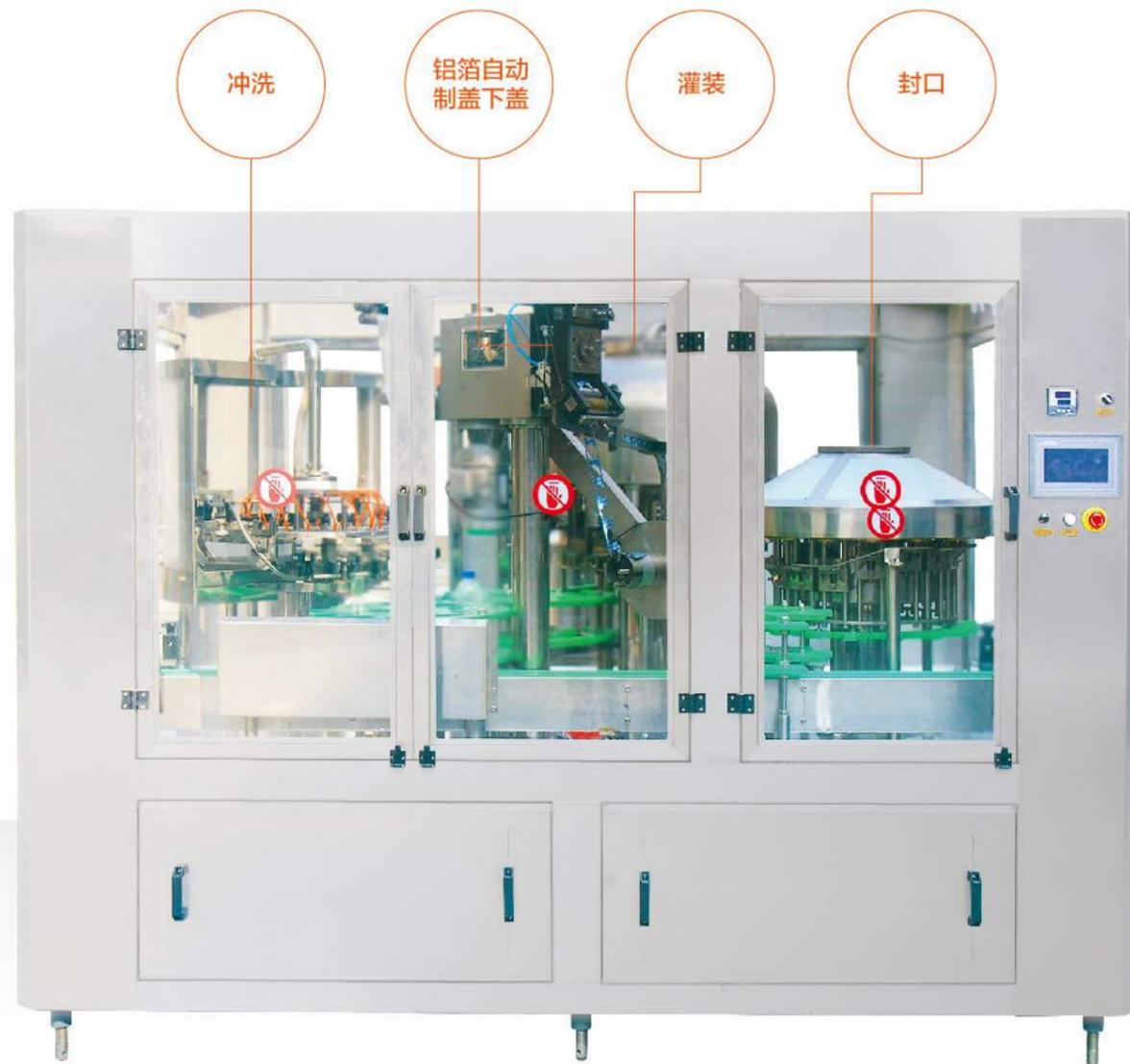
#### APPLIED BOTTLE CAPS

铝制盖、皇冠盖、三旋盖、拉环盖等  
Screw cap (Al), crown cap, three screw cap and pull ring cap etc.



# ALUMINUM FOIL SEALING FILLING LINE

## 铝箔封口灌装生产线



本机引进国外技术,集灌装、铝箔自动制盖下盖、封口一体化的塑料瓶灌装封口机。广泛用于食品制药包装尤其是对各类塑料瓶包装封盖的奶类包装是一个升级换代的理想设备,具有灌装定量准确并能消除泡沫,封口成品率高,合理采用双斜冲制盖技术,大大提高了铝箔膜的利用率,机电一体化使运转更平稳。

This machine introduces the foreign filling technology , unit filling , aluminum foil cover forming , sealing in one machine . It' s widely used for food and pharmaceutical package , especially it' s an ideal equipment for various plastic bottle package and seal in milk packages , removing foam and high effective sealing finished products . It reasonably adopts the double-slope cover-punching technology and largely developed the foil usage . It adopts the integral motor design and the first-rate driving , so the running is steady and flat .



### 技术参数

#### TECHNICAL PARAMETERS

型号	Model	LCGF14-12-12-5	LCGF18-18-12-6	LCGF24-24-16-8
生产能力	Production capacity ( B/H )	1500-2500	3000-4500	5000-7000
瓶高	Bottle high ( mm )	150-310		
瓶径	Bottle diameter ( mm )	Φ50-Φ90		
灌装容量	Filling volume ( ml )	200-1500		
总功率	Power ( kw )	5.5	8.5	11
外形尺寸	Dimension ( mm )	2500*1750*2400	3000*2050*2400	3500*2250*2400
总重量	Weight ( kg )	3500	4800	5500

以上技术参数不断更新,以实际产品为准。特殊产品可定制。

The above technical parameters are subject to continual update, please take the real product as the base. machines can be customized for special products.

## POP CAN FILLING AND SEAMING MACHINE (STILL)

### 易拉罐灌装封罐机（不含气）

本机是在消化吸收国内外(不含气)易拉罐灌装封盖机(封口机)的基础上大通机械独家开发的设备。采用常压灌装原理,当空罐经拨轮进入升降托罐盘后,灌装阀和空罐对中,空罐升起并密封,同时自动打开灌装阀的阀口,当灌装液面堵住阀的回气管口时停止灌装。管好的罐子经钩子链送到封口机头,盖子经送盖器及压头把盖子送到罐口上,当托罐机构升起时,压头压紧罐口,封口轮先预封再实封,罐子封好后被打盖机构的打头推出,然后进入出罐输送。主要电气元件采用日本三菱的 PLC、变频器及接近开关,德国西门子的模拟输出量及韩国的电磁阀,由公司资深电气工程师设计成最合理的配置形式,整个生产速度可以按照要求在触摸屏上自动设定,所有常见故障自动报警,并给出相应的故障原因位置,根据故障的严重程度,PLC 自动判断主机是否可以继续运行还是停机。

本机具有灌装速度快、灌装后罐内液面至罐口高度一致,整机运行平稳、封口质量好、造型美观大方、使用维修方便等显著特点。



The machine is a device developed exclusively by DATONG MACHINE on the basis of digesting and absorbing domestic and international (still) pop can filling and seaming machines (sealing machines). It adopts the normal pressure filling principle. After it passes through the dialing wheel, the empty can will enter into the lift can supporting disc, and the filling valve is aligned with the empty can, which will rise for sealing. Meanwhile, the valve port of the filling valve is automatically opened. When the filling liquid level blocks the gas return pipe mouth, the filling stops. The filled can will be conveyed to the sealing machine head by the hook chain. The cap will be sent onto the can mouth by the cap rises, the pressing head presses the can mouth, the sealing wheel carries out pre-sealing and then real sealing. After it is sealed, the can is pushed out by the beating head of the cap beating mechanism and then enters into the can discharging procedure.

The main electric components include PLC, frequency converter and proximity switch of Japan Mitsubishi, analog output module of Germany Siemens and solenoid valve of south Korea, all of which are designed into the most reasonable configuration by our experienced electric engineers. The overall production speed can be set freely on the touch screen according to requirements. All common malfunctions will send out alarms automatically and malfunction causes and positions will be given correspondingly. According to different malfunction levels, the PLC will automatically determine if the operation shall continue or the machine shall be stopped.

The machine has such prominent features as high filling speed, consistent height from the liquid level in the can to the can mouth after filling, stable machine operation, good sealing quality, beautiful and decent appearance, convenient use and maintenance, etc.

### 技术参数

#### TECHNICAL PARAMETERS

型号 Model	YGF12-4	YGF18-4	YGF20-4	YGF30-6
生产能力 Production capacity	5000CPH	8000CPH	12000CPH	18000CPH
适用罐径 Can diameter	Φ52.5-99mm			
适用罐高 Can height	39-160mm			
功率 Power	3.5kw	5.5kw	6.75kw	7.5kw
重量 Weight	2500kg	3500kg	4000kg	5000kg
外形尺寸 Dimension	2100*1500*1900mm	2450*1750*2200mm	2650*2200*2200mm	3050*2250*2200mm

以上技术参数不断更新,以实际产品为准。特殊产品可定制。

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## POP CAN FILLING AND SEAMING MACHINE (EFFERVESCENT)

### 易拉罐灌装封罐机 (含气)



本机适用于易拉罐饮料(啤酒)行业中的含气易拉罐灌装和封口,灌装和封罐为整体设计,采用等压灌装原理,灌装室当空罐进入到达升罐气动托托上,压缩空气经气动三联件进入升罐气缸,并把空罐升起和灌装阀下的锥形密封垫密封,灌装阀的转位块在另一气缸的作用下转位开阀,向空罐充气并形成等压,啤酒从大料罐通过 14 个小导管流向空罐,空罐内液位上升到堵住回气口是,就停止灌装。排沫阀在碰块的作用下开始慢慢放气泄压,托罐气缸继续下降,出罐后被同步运转的钩子链送到封口机上进行封口,封口时封口轮先预封再实封,罐子封好后被打盖机构的打头推出,后经拨盘拨至输送带上送出。

主要电气元件采用日本三菱的 PLC、变频器及接近开关,德国西门子的模拟输出量及韩国的电磁阀,由公司资深电气工程师设计成最合理的配置形式,整个生产速度可以按照要求在触摸屏上自动设定,所有常见故障自动报警,并给出相应的故障原因位置,根据故障的严重程度,PLC 自动判断主机是否可以继续运行还是停机。



The machine is suitable for filling and sealing effervescent pop can beverages in the industries of pop can beverages (beer). The filling and seaming are of integral design. The principle of equal pressure filling is adopted. During the filling, after the empty can reaches into the can lifting cylinder after passing through the pneumatic triplex parts, and the empty can is raised and the conical seal gasket under the filling valve is sealed. The position turning block of the filling valve turns the position and opens the valve under the action of another cylinder. The air is filled into the empty can to form equal pressure. From a large material barrel, the beer passes through 14 small conduits and flows into the empty can. When the liquid level in the empty can blocks the gas return pipe mouth, the filling stops. Under the action of ram, the defoaming valve will slowly discharge the air and pressure. The can supporting cylinder will continue to fall. After it is discharged, the can is sent to the sealing machine for sealing by the hook chain that runs synchronously. During the sealing, the sealing wheel carries out pre-sealing and then real sealing. After it is sealed, the can is pushed out by the beating head of the cap beating mechanism and then dialed by the dial to the conveyor belt for conveying.

The main electric components include PLC, frequency converter and proximity switch of Japan Mitsubishi, analog output module of Germany Siemens and solenoid valve of south Korea, all of which are designed into the most reasonable configuration by our experienced electric engineers. The overall production speed can be set freely on the touch screen according to requirements. All common malfunctions will send out alarms automatically and malfunction causes and positions will be given correspondingly. According to different malfunction levels, the PLC will automatically determine if the operation shall continue or the machine shall be stopped.



### 技术参数

#### TECHNICAL PARAMETERS

型号 Model	YDGF12-4	YDGF18-4	YDGF20-4	YDGF30-6
生产能力 Production capacity	3000CPH	6000CPH	10000CPH	15000CPH
适用罐径 Can diameter	Φ52.5-99mm			
适用罐高 Can height	39-160mm			
功率 Power	3.5kw	5.5kw	6.75kw	7.5kw
重量 Weight	2500kg	3500kg	4000kg	5000kg
外形尺寸 Dimension	2100*1500*1900mm	2450*1750*2200mm	2650*2200*2200mm	3050*2250*2200mm

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## AUTO-SLEEVE SHRINKING LABEL MACHINE

### 套标缩标机

直线式收缩膜套标机、高速连续运行套标的新型套标机，主要用于套标清洁剂、饮料、矿泉水、食品等，不论包装物是圆形、方形或其他异形形状、材质为玻璃、塑胶，都能适用，本机在控制电路上使用触摸屏控制，性能稳定，操作方便，易学易懂，采用全新设计理念，外型美观平整，卓越的电路设计，大大提高了标签裁切的精准度及生产速度。

Linear shrink sleeve labeling machine is the newest continuous operation of the labeling machine. The mainly used for container labeling cylindrical, square or other special shape of detergents, beverages, mineral water, food etc. Labeling machine is control by PLC touch screen, all electric eye are using imported advanced configuration. This labeling machine with high speed, high accuracy, stable performance, easy to operate and look elegant appearance.



#### 技术参数 TECHNICAL PARAMETERS

机器型号	Machine model	OG-100
套标速度	Speed	50-500 bottles/minute
机器尺寸	Machine size	2000*1180*2200mm
整机重量	Machine weight	1300KG
主机电源	Power	380V/50HZ
主机功率	Consuming power	2.5KW
瓶罐材料	Bottle material	玻璃瓶、金属罐、塑料瓶, glass, metal, plastic
瓶罐形状	Bottle shape	圆形, 方形, 椭圆形, round, square, oval
瓶罐直径	Bottle diameter	Φ25-Φ190mm
瓶罐高度	Bottle height	15-320mm
标签材料	Label material	PET, PVC, OPS
标签高度	Label height	38-250mm
标签厚度	Label thickness	0.035-0.13mm

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## AUTOMATIC SELF-ADHESIVE LABELING MACHINE

### 全自动不干胶贴标机

说明: 可独立式作业,或衔接输送线

适用瓶型: 玻璃瓶、塑料瓶等; 圆形状,方形状或锥形状物体

警示功能: 无色带警示,断标,缺标警示

瓶型直径: Φ10-120mm 高: 20-300mm

标签范围: 高 15-150mm 长: 25-300mm

纸卷内径: Φ76mm

纸卷外径: Φ300mm

贴标速度: 20-300 瓶/分

精度误差: ±0.5(视瓶子圆真度,垂直度而定)

电压: 220V 50/60HZ 1.2KW

重量: 220kg 供瓶转盘: 60kg

外形尺寸: 1500\*800\*1300mm

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 height: 20-300mm

Label scope: height 15-150mm length: 25-300mm

Scrol inner diameter: 76mm

Scrol outer diameter: 300mm (max)

Labeling speed: 20-300 bottle/minute

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

Electric power: 220V 50/60HZ 1.2KW

Weight: 220KG providing bottles turntable: 60KG

diameter: 1500\*800\*1300mm



## FILM SHRINKING PACKING MACHINE

### 热收缩膜包装机

专为啤酒、饮料、纯净水、果汁、乳制品等饮品的全自动包装生产线设计。具有输送进料、理瓶、裹膜、封切、收缩、冷却定型等流程的全自动化功能。采用世界先进的薄膜恒温热合技术，封口清晰，牢固。采用 PLC 程序自动循环控制，性能稳定可靠。原装进口导杆气缸，保证准确动作，经久耐用。独特收缩通道，两套离心式热风循环系统，热量平衡均匀，收缩紧固、美观。

Specially designed for packaging production line of beer , beverage , pure water , fruit juice , dairy products , etc .  
With full automatic functions of bottle transfer and arrange , membrane packing , sealing and cut , shrinkage , cooling and shaping , etc .  
Using advanced constant temperature membrane heat binding technology in the world with clear and secure seal .  
Adopt with PLC automatic program circulation control with stable and reliable performance .  
The original imported guide bar cylinder guarantee correct operation and durable .  
Unique thermal passage with 2 sets of centrifugal thermal air circulation system that has an equal heat distribution with beautiful and secure shrinkage effect .



## CARTON WRAPPING MACHINE

### 纸板裹包式装箱机

适用于啤酒、饮料、瓶装水、医药、食品等瓶(罐)装生产线的纸箱包装。纸板裹包方式,比传统包装方式节省包材约 1/5 费用。采用知名热熔胶设备,操作方便,经久耐用。合理的机器直线式进瓶和上纸板机械结构,可靠的气动装置和先进的电控技术组成,技术先进。

Specially design for carton packing for beer , beverage , bottled water , medicament , food etc bottle ( cans ) production line . Carton wrapping saves 1/5 cost than traditional packing type .  
Adopt known hot melt equipment , easy for operation , durable .  
Linear feeding bottles and feeding cardboard system , advanced electric collocation and technology .



## GANTRY PALLETIZER 龙门式码垛机

采用侧进箱方式,占地面积小,简化码垛前的输送系统,整机比机器人码垛节省 50% 成本。  
低位码垛式,国际先进逐层式码垛设计理念,结构更先进,动作更轻便平稳,功耗也较小。  
采用 PLC 程序控制,及变频调速,纸箱输送、排序、堆垛、卸栈板、实踪输出等可自动化实现。  
整机安全性极高及强大的诊断功能,多项安全设计及故障即时显示功能,保障人生安全,维修的快捷和简便。  
堆垛方式的调整方便、简单,可在人机界面上进行。故障无需更换堆垛零件即可完成几种堆垛方式。  
可实现纸箱码垛或收缩膜包装产品的码垛。

Cases feeding from side,save more space,simply transport system,save 50% cost than robot.  
Low level palletizing,advanced payer-type palletizing design,advanced configuration,running stably and low power consumption.  
PLC control system and convert for speed control insure that cases transfer,array,palletizing,pallet unloading,solid pallet pushing out are automatically.  
Machine with high security and powerful diagnosis function alarm and guard to insure personal safety.  
Easily to adjust for palletizing format by touch screen.no need o change parts for malfunction to finish palletizing.  
Apply to carton and film packing products palletizing.



## SUCCESSFUL CASES 成功案例

