



**Professional Beverage**  
**Blowing Filling Packing Machinery**  
专业的饮料吹瓶灌装包装设备



格莱德包装机械(苏州)有限公司  
Grandee Packaging Machinery (Suzhou) Co.,Ltd

张家港格莱德机械有限公司  
Zhangjiagang Grandee Machinery Co.,Ltd

Attitude | Responsibility | Faith



格莱德包装机械(苏州)有限公司  
Grandee Packaging Machinery (Suzhou) Co.,Ltd  
张家港格莱德机械有限公司  
Zhangjiagang Grandee Machinery Co.,Ltd

地址: 江苏省苏州张家港市乐余镇兆丰人民路71号 邮编: 215600  
Add: No.71, Renmin Road, Zhaofeng, Leyu Town, Zhangjiagang City, Jiangsu, China P.O.:215600  
Mob: +86-135 8443 2960 (WhatsApp Available) Tel: +86-512-5815 0048  
Email: info@grandeemachine.com / emily.shi826@hotmail.com Web: www.grandeemachine.com

| [www.grandeemachine.com](http://www.grandeemachine.com)



**GRANDEE**

**PROFESSIONAL**  
**BEVERAGE**

Blowing Filling Packing Machinery

专业的饮料吹瓶灌装包装设备





PROFESSIONAL BEVERAGE

BLOWING FILLING PACKING MACHINERY



ATTITUDE ✓

RESPONSIBILITY ✓

FAITH ✓

ABOUT US |

## 专业的饮料吹瓶灌装包装设备

### | 关于我们

张家港格莱德机械有限公司是一家专门生产饮料灌装机械以及周边辅助设备的公司；我公司经过多年的发展，通过不断改进，积累了丰富的生产经验，以及拥有一批经验丰富、高效严谨的技术工程师、售后服务工程师队伍；我公司产品不仅畅销国内更加远销国外，和一批知名的国内外客户作为长期合作伙伴；

我们的主要产品有水灌装机械，水灌装生产线，啤酒灌装机械，含气饮料灌装机械，果汁灌装机械，5加仑灌装生产线，水处理设备，吹瓶机，注塑机，套标机，膜包机，装箱机等设备；

公司一直秉承质量第一，服务至上的发展理念，不断创造更新生产技术和工艺；我们追求卓越不断提升自身实力，我们精益求精为客户提供更加全面，高效的解决方案；愿广大客户，朋友加入我们格莱德机械，能和您携手共同成长为您提供实现美好梦想的机会是我们不懈的追求！

Zhangjiagang Grandee Machinery Co., Ltd leading manufacturer of beverage filling machinery and relevant auxiliary equipment. After many years development and continuous improvement, innovation, we have accumulated rich experience in production, has a experienced and high efficient technical engineer term. Our main products are not only sold well in domestic also exported to many other countries, we have built long-term cooperation with many famous customers.

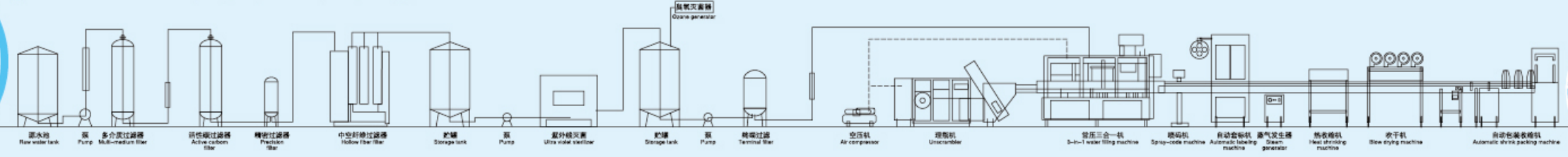
Our main products is Water Filling Machine, Water Bottling Plant, Beer Filling Machine, Soft Drink Filling Machine, Juice Filling Machine, 5 Gallon Barrel Water Bottling Line; Water Treatment Equipment, PET Blow Molding Machine, Injection Molding Machine, Sleeve Shrink Labeling Machine, Shrink Packing Machine, and Automatic Carton Packaging Machine, etc.

Our developing concept is Quality First, Service First, Customer First, Enterprise Staff First; We are continuous creating and updating our technology and designing; We pursue excellence and constantly improve our ability and keep providing our customer more comprehensive and efficient solutions; We are appreciated if you can join us to work together and develop together and grow up together.



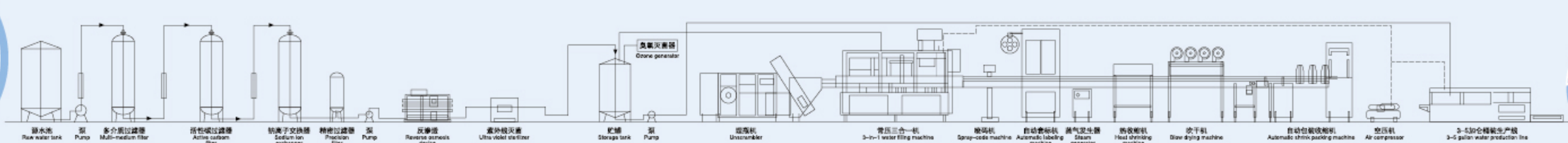


### MINERAL WATER PRODUCTION LINE & TECHNIQUE



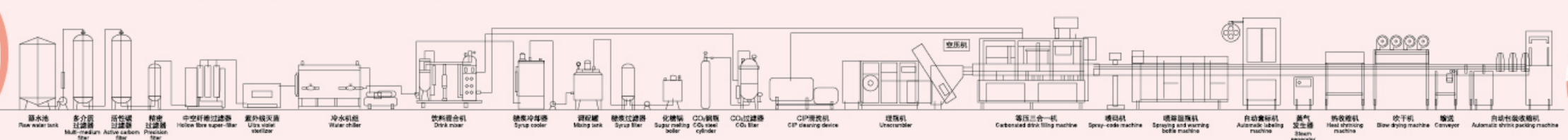
矿泉水整套生产  
设备及工艺

### PURE WATER PRODUCTION LINE & TECHNIQUE



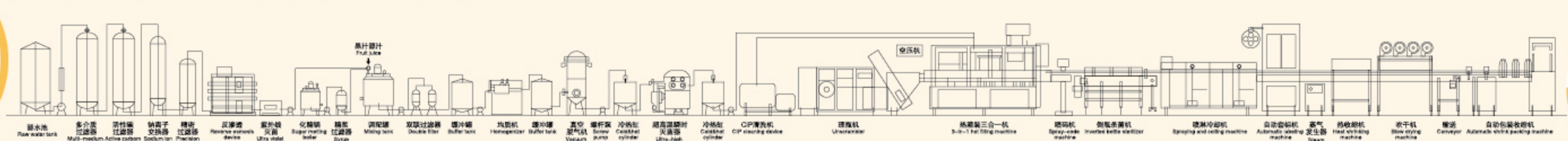
纯净水整套生产  
设备及工艺

### CARBONATED DRINK PRODUCTION LINE & TECHNIQUE



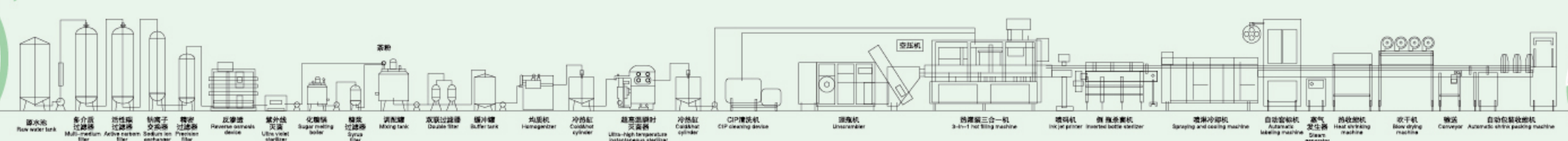
碳酸饮料(含汽饮料)  
整套生产设备  
及工艺

### FRUIT JUICE & FRUIT TEA PRODUCTION LINE & TECHNIQUE



果汁、果茶整套  
生产设备 & 工艺

### TEA PRODUCTION LINE & TECHNIQUE



茶饮料(乌龙茶、红  
茶、绿茶)整套生  
产设备及工艺

工艺流程

Technology  
Flow Chart



01

Professional Beverage  
Blowing Filling Packing Machinery

## XGF Series 3-in-1 Water Filling Machine

### 三合一水灌装一体机

#### 描述和特点

本机设备适用于聚酯瓶装的各种矿泉水，纯净水等不含气饮料的生产，在一体机上面实现冲洗，灌装，旋盖，缩短了物料与外界接触时间，提高了卫生条件，生产能力和经济效益。  
悬挂式卡瓶口输送瓶结构使瓶身在高速运行下更平稳，生产自动化程度高。与水接触部件均采用优质不锈钢制造，电器元件采用日本三菱，法国施耐德，亚德客，欧姆龙等品牌产品。



#### Description and Features

The machine is mainly used for producing PET bottled mineral water, pure water and non-carbonated drink, and washing, filling, screwing is integrated in one unit, short the water contacting with outside, improve the sanitation condition, production capacity and economic benefit.  
The machine is used suspended clip bottle neck method conveying structure, and make the bottle body more stable in the high speed operation. production is a high degree of automation. The parts contacting with water are adopted good quality stainless steel, the main electrical components are used famous brand products, such as MISTUBISHI of JAPAN, SCHNEIDER, OMRON, AIRTAC of FRENCH.

#### 主要技术参数 Main Technical Parameter

| 型号.Model                          | XGF8-8-3                                                                                         | XGF14-12-5     | XGF16-16-6     | XGF18-18-6     | XGF24-24-8     | XGF32-32-10    | XGF40-40-12    | XGF50-50-15    | XGF60-60-15    | XGF72-72-18    |
|-----------------------------------|--------------------------------------------------------------------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| 生产能力.Capacity(500ml/BPH)          | 2000                                                                                             | 3000           | 4000           | 8000           | 12000          | 15000          | 18000          | 24000          | 30000          | 32000          |
| 适用瓶子尺寸.Applicable bottle size(mm) | PET圆瓶或者方瓶 Both PET round of square bottle, 220-2000ml Dia: $\phi$ 50- $\phi$ 108 Height: 150-340 |                |                |                |                |                |                |                |                |                |
| 压缩空气压力.Compressed air pressure    | 0.3-0.7MPa                                                                                       |                |                |                |                |                |                |                |                |                |
| 冲压介质.Bottle washing medium        | 无菌水 Sterile water                                                                                |                |                |                |                |                |                |                |                |                |
| 冲瓶水压力.Washing pressure            | 0.25MPa                                                                                          |                |                |                |                |                |                |                |                |                |
| 功率.Main motor(KW)                 | 1.5                                                                                              | 2.2            | 2.2            | 2.2            | 3              | 5.5            | 7.5            | 11             | 15             | 17             |
| 尺寸.Dimension(mm)                  | 2000×1600×2300                                                                                   | 2200×1800×2300 | 2400×1900×2300 | 2500×2000×2300 | 2700×2100×2300 | 2970×2260×2700 | 3780×2800×2700 | 5500×3300×2700 | 6200×4500×2700 | 6500×4800×2700 |
| 重量.Weight(KG)                     | 2000                                                                                             | 2500           | 3000           | 3500           | 4500           | 6500           | 8500           | 9800           | 12800          | 15000          |

02

Professional Beverage  
Blowing Filling Packing MachineryGRANDEE  
格莱德机械

WWW.GRANDEEMACHINE.COM



## XGF Series 3-20L Bottle Water Filling Machine

### 3-20升大瓶水灌装一体机

#### 描述和特点

本机设备适用于聚酯瓶装的3升，4升，5升等大瓶装的矿泉水，纯净水等不含气饮料的生产，在一体机上面实现冲洗，灌装，旋盖。整机设计科学合理，外形美观，功能齐全，操作维修方便，自动化程度高。灌装速度快，液面控制稳。  
整机采用PLC电脑程序控制及人机界面触摸屏按钮，具有料缸内液面自动控制，无瓶不灌装，无瓶不加盖功能，并有拨瓶星轮卡瓶错位停机，盖滑槽内缺盖停机等功能。



#### Description and Features

The machine is mainly used for producing PET 3L, 4L, 5L big bottled mineral water, pure water and non-carbonated drink. The whole machine has scientific and reasonable design, beautiful appearance, complete functions, convenient operation and maintenance, and high degree of automation, filling speed is fast and liquid level control is stable.  
The machine adopts PLC computer programming control and man-machine interface touch-screen buttons, it has the function of automatic level control in the water tank, no bottle no filling, no bottle no cap supplying, and shut-down of dial-wheel clipping bottle misplaced and lack of caps in the cap sliding way.

#### 主要技术参数 Main Technical Parameter

| 型号.Model                             | XGF8-8-4       | XGF12-12-4     | XGF16-16-5     | XGF24-24-8     |
|--------------------------------------|----------------|----------------|----------------|----------------|
| 生产能力.Production capacity (b/h)(5L)   | 500-800        | 1200-1500      | 1600-2000      | 3000-4000      |
| 灌装容量.Filling volume(L)               | 2.5-15         | 2.5-15         | 2.5-15L        | 2.5-15         |
| 冲洗-灌装-旋盖.Rinser-Filler-capper        | 8-8-4          | 12-12-4        | 16-16-5        | 24-24-8        |
| 灌装精度.Filling accuracy(%)             | ±2             | ±2             | ±2             | ±2             |
| 气源压力.Air source pressure(MPa)        | 0.7            | 0.7            | 0.7            | 0.7            |
| 耗气量.Air consumption(L/MIN)           | 800            | 800            | 800            | 800            |
| 清洗水压.Cleaning water pressure(MPa)    | 0.2-0.25       | 0.2-0.25       | 0.2-0.25       | 0.2-0.25       |
| 清洗水量.Cleaning water consumption(L/H) | 1.8            | 1.8            | 2.4            | 2.4            |
| 总功率.Power(KW)                        | 2.2            | 2.2            | 2.2            | 2.8            |
| 外形尺寸.Dimension(L×W×H)(mm)            | 2800×2000×2500 | 3000×2000×2500 | 3350×2500×2500 | 3700×2790×2500 |
| 重量.Weight(KG)                        | 3500           | 4000           | 5000           | 5000           |



03

Professional Beverage  
Blowing Filling Packing Machinery

## LXGF Series Linear Type 3L-15L Bottle Washing Filling Capping Machine

直线式冲洗灌装旋盖一体机



### 描述和特点

直线式冲洗灌装旋盖一体机可适用于 3-10 升的各种瓶形（包括异形瓶）。根据客户要求可灌装，如：白酒、酱油、醋、调味品、植物油、糖浆、矿泉水等食品类液体产品及农药化工等行业的各类液体产品。本机采用微机（PLC）控制，具有生产效率高、计量精度高等特点。是食品、药品、化工产品等行业理想的包装机械。

### Description and Features

This linear type automatic washing filling capping machine is suitable for all kinds of 3-15L bottle shapes (including the irregular-shape bottles). According to customer requirements, this machine can fill : such as: white wine, soy sauce, vinegar, spices, vegetable oil, Syrup, water and other liquid food products and pesticides and chemical industry, various types of liquid products.

This machine adopts computer (PLC) control, with high efficiency, precision measurement characteristics and is ideal packing machine for food, medicines, chemical products.

#### 主要技术参数 Main Technical Parameter

| 型号, Model                | LXGF2-2-1      | LXGF4-4-1      | LXGF6-6-1      | LXGF8-8-1      | LXGF10-10-2    |
|--------------------------|----------------|----------------|----------------|----------------|----------------|
| 产量, Capacity (5L B/H)    | 300            | 600            | 800            | 1000           | 1200           |
| 灌装容积, Filling volume (L) | 3-15           | 3-15           | 3-15           | 3-15           | 3-15           |
| 冲洗头数, Rinsing heads      | 2              | 4              | 6              | 8              | 10             |
| 灌装头数, Filling heads      | 2              | 4              | 6              | 8              | 10             |
| 旋盖头数, Capping heads      | 1              | 1              | 1              | 1              | 2              |
| 功率, Power (KW)           | 1.5            | 2.2            | 3.5            | 4.5            | 5.5            |
| 尺寸, Dimension (mm)       | 2000×1600×2300 | 2200×1800×2300 | 2400×1900×2300 | 2500×2000×2300 | 2700×2100×2300 |
| 重量, Weight (KG)          | 800            | 1000           | 3000           | 3500           | 4500           |

04

Professional Beverage  
Blowing Filling Packing Machinery

## QGF Series 5 Gallon Barrel Water Filling Line

5加仑水灌装生产线



### 描述和特点

该生产线是专供 3-5 加仑桶装饮用水生产，该系列桶装生产线由洗桶、灌装封口三部分组成。洗桶机采用多道洗涤液喷射和消毒液喷射，达到洗涤、消毒的目的，消毒液可以循环使用。封口机可以自动封口，以确保瓶盖无菌清洁。

该系列生产线均可自动洗涤，消毒，灌装，压盖，计数和输出。具有功能齐全，设计新颖，自动化程度高等特点，是集机、电、气于一体的新型饮用水桶装设备。

### Description and Features

This production line is specially for producing 5 Gallon barreled drinking water, this series barreled production line is composed by cleaning barrel, filling, sealing. Cleaning barrel machine adopts multi-channel washing liquid and disinfectant spraying, reach to the purpose of washing, disinfecting, and disinfectant can be recycled. Sealing machine can be sealed automatically to ensure sterilizing and cleaning cap.

This series production line can be cleaned automatically, sterilization, filling, sealing, counting and products discharging. It has complete functions, novel design, high degree of automation, which is the new 5 gallon barrel production line of integrating mechanism, electricity, pneumatic technology together.

#### 主要技术参数 Main Technical Parameter

| 型号, Model                     | QGF-100                    | QGF-200 | QGF-300 | QGF-450 | QGF-600 | QGF-900 | QGF-1200  |
|-------------------------------|----------------------------|---------|---------|---------|---------|---------|-----------|
| 灌装头数, Filling heads           | 1                          | 2       | 2       | 3       | 4       | 6       | 12        |
| 容量, Volume                    | 3&5 Gallon                 |         |         |         |         |         |           |
| 桶尺寸, Barrel size (mm)         | φ270×490                   |         |         |         |         |         |           |
| 产量, Capacity (b/h)            | 60-100                     | 100-240 | 250-300 | 400-450 | 600-800 | 800-900 | 1000-1200 |
| 气压, Air pressure (MPa)        | 0.4-0.6                    | 0.4-0.6 | 0.4-0.6 | 0.4-0.6 | 0.6     | 0.6     | 0.6       |
| 耗气量, Air consumption (m³/min) | 0.37                       | 0.37    | 0.6     | 0.8     | 1       | 1.5     | 1.8       |
| 电机功率, Motor power (kw)        | 1.38                       | 1.75    | 3.8     | 3.8     | 7.5     | 9.75    | 13.5      |
| 额定电压, Rated voltage           | 380V/50HZ/3P or Customized |         |         |         |         |         |           |
| 重量, Weight (KG)               | 680                        | 800     | 1500    | 2100    | 3000    | 3500    | 4500      |

WWW.GRANDEEMACHINE.COM





## Water Treatment Equipment

### 水处理设备



#### 描述和特点

根据客户要求及水质条件，我们采用不同的水处理设备来生产纯净水，矿泉水等，主要设备有：石英砂过滤器，活性炭过滤器，钠离子过滤器，精密过滤器，中孔纤维过滤器，反渗透设备，紫外线杀菌机，臭氧发生器，氧化塔，储水罐等，整套设备的作用在于能够有效去除地表水中浊度有机物，铁，锰和氧化物，过滤水中的悬浮物，胶体，微生物，氯化物，重金属离子等，降低水质硬度，使水质各项指标完全符合国家生活饮用水标准。

整套设备里面核心部分为反渗透装置，反渗透装置是利用半透膜在压力差的作用下使含盐水脱盐纯化的设备。该装置采用进口的核心部件水泵，采用世界著名的美国海德能公司的反渗透膜，带有全套的膜清洗装置，结构简单，操作方便，技术水平高。经本装置处理后的水，水质指标可以 100% 达到国家饮用水的标准。

#### Description and Features

According to customers requirements and the source water quality, we adopt different water treatment equipment to produce pure water, mineral water, etc. The main equipment including: silica sand filter, active carbon filter, sodium ion exchanger, hollow fiber filter, RO, UV sterilizer, precision filter, ozone generator, mixing tower, water tank, etc. It can effectively get rid of muddy organic matter, iron, manganese and oxide, filtering the suspended substance, colloid, microorganism, chloride and heavy metal ions in the water, reduce the hardness of the water to make the water quality indicators fully meet national drinking water standard.

The key part in this system is reverse osmosis device, RO device is an equipment to purify the saline water with the action of pressure difference of semi-permeable membrane. The core component of the device adopts the imported water pumps, using the world famous American Hydeneng of reverse osmosis membrane, with a full range of membrane cleaning device, simple structure, convenient operation, high technical level. The water after treating by this device, water quality indicators can meet the 100% national drinking water standard.



## DXGF Series 3-in-1 Carbonated Drink Filling Machine

### 含气饮料三合一等压灌装机



#### 描述和特点

本设备用于 PET 瓶含气饮料的生产。本机将冲瓶，灌装，旋盖三功能集于一体，实现自动化，可适合于各种瓶型。采用卡瓶颈技术，换瓶只需调节输送链高度，更快捷省力。灌装方式采用了新型的微压灌装，灌装速度更快，更稳定。主机采用先进的 PLC 编程自动控制，关键电器元件均采用国际知名品牌。整机设计科学合理，产量高，故障率低。



#### Description and Features

This series equipment is used for production of PET bottle carbonated drink. This machine realize washing, filling, capping in one machine with complete automation, and suitable for all kinds of bottle shapes. It adopts clip bottle neck technology, and is more faster for adjusting the height of conveyor chain. The filling method adopts new model micro pressure filling technology, which makes filling speed is more faster and stable. The main machine adopts advanced PLC control. The key electrical elements are from famous international brand. The whole machine has scientific and reasonable design, high production capacity, low failure.

#### 主要技术参数 Main Technical Parameter

| 型号.Model                    | DXGF14-12-5                | DXGF18-18-6    | DXGF24-24-8    | DXGF32-32-10   | DXGF40-40-12   | DXGF50-50-15   | DXGF60-60-15   | DXGF70-70-18   |
|-----------------------------|----------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| 冲瓶头数.Rinsing heads          | 14                         | 18             | 24             | 32             | 40             | 50             | 60             | 70             |
| 灌装头数.Filling heads          | 12                         | 18             | 24             | 32             | 40             | 50             | 60             | 70             |
| 压盖头数.Capping heads          | 5                          | 6              | 8              | 10             | 12             | 15             | 15             | 18             |
| 适用瓶子.Suitable bottle size   | H:170-320mm Diaφ: 50-100mm |                |                |                |                |                |                |                |
| 清洗压力.Cleaning pressure(Mpa) | 0.25-0.3                   |                |                |                |                |                |                |                |
| 产量.Capacity(b/h)            | 2000                       | 4000           | 6000           | 8000           | 12000          | 18000          | 20000          | 25000          |
| 功率.Power(KW)                | 2.2                        | 3.5            | 3.8            | 5.5            | 7.5            | 10             | 13             | 13             |
| 外形尺寸.Dimension(mm)          | 2100×1800×2500             | 2600×2100×2500 | 3200×2300×2500 | 4200×2600×2500 | 4800×2800×2500 | 5700×3600×2500 | 6000×4200×2500 | 6500×4500×2500 |





## Beer or Soda Drink Filling Sealing Machine

啤酒/含气饮料灌装封口机



### 描述和特点

采用高精度的机械灌装阀，具有无瓶就不抽真空的特点。开式齿轮结合齿轮箱传动，具有离合装置，变频调速设备扩展了速度调制范围。具有自动润滑装置，润滑点可以定期润滑机器。效率高，噪音低，寿命长。机器的部分配件可以进行调整来适应不同型号的瓶子。电子探针控制瓶内的液位高度，使液位更精准。

### Description and Features

This machine adopts high precision mechanical filling valves, has features of no bottle, no vacuuming. Opening gear combined gear box transmission, with engaging and disengaging gear device, frequency conversion extends the speed modulation range. This machine has self oil lubrication device so that the lubrication points could be lubricated regularly in time. The machine is high efficiency, low noise and long life. The some parts of machine can be adjusted by different sizes bottle. The level is controlled by the electric probe to assure the precise the liquid level.

主要技术参数 Main Technical Parameter

| 型号.Model                    | BGF14-12-4                      | BGF18-18-6     | BGF24-24-8     | BGF32-32-10    | BGF40-40-12    | BGF50-50-15    | BGF60-60-15    | BGF70-70-18    | BGF80-80-22    |
|-----------------------------|---------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| 冲瓶头数.Rinsing heads          | 14                              | 18             | 24             | 32             | 40             | 50             | 60             | 70             | 80             |
| 灌装头数.Filling heads          | 12                              | 18             | 24             | 32             | 40             | 50             | 60             | 70             | 80             |
| 压盖头数.Capping heads          | 4                               | 6              | 8              | 10             | 12             | 15             | 15             | 18             | 22             |
| 适用瓶子.Suitable bottle size   | H:170-320mm Diameter : 50-100mm |                |                |                |                |                |                |                |                |
| 清洗压力.Cleaning pressure(MPa) | 0.25-0.3                        |                |                |                |                |                |                |                |                |
| 产量.Capacity (b/h)           | 2000                            | 3500           | 6000           | 9000           | 11000          | 18000          | 22000          | 25000          | 30000          |
| 功率.Power (KW)               | 2.2                             | 3.5            | 3.8            | 5.5            | 7.5            | 10             | 13             | 13             | 13             |
| 外形尺寸.Dimension (mm)         | 2100×1800×2500                  | 2600×2100×2500 | 3200×2300×2500 | 4200×2600×2500 | 4800×2800×2500 | 5700×3600×2500 | 6000×4200×2500 | 6500×4500×2500 | 7000×5000×2500 |
| 重量.Weight (KG)              | 2300                            | 3500           | 4600           | 6500           | 8500           | 10000          | 11000          | 13000          | 14000          |



## QHS Series Carbonation Mixer

含气饮料混合机



### 描述和特点

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、果汁、可乐等软硬饮料。

### Description and Features

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

主要技术参数 Main Technical Parameter

| 型号.Model                                                        | QHS-1500     | QHS-2000       | QHS-3000       | QHS-4000       | QHS-5000       | QHS-6000       | QHS-7000       | QHS-8000       |
|-----------------------------------------------------------------|--------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| 生产能力.Production capacity                                        | 1000-2000    | 2000-2500      | 2500-3000      | 3500-4000      | 4500-5000      | 5500-6000      | 6500-7000      | 7500-8000      |
| 糖浆和水比例调节范围.Adjustable proportion of syrup and water             | 1:3-1:10     |                |                |                |                |                |                |                |
| 含气量.CO2 content                                                 | 1.5-2.5      | >3.0           | >2.5           | >2.5           | >3.0           | >3.0           | >3.0           | >3.0           |
| 冰凉水入口温度.Cooling water entry temperature (°C)                    | 0-5          |                |                |                |                |                |                |                |
| 碳化罐、糖浆罐工作压力.Working pressure of carbonized and syrup tank (Mpa) | 0.05-0.15    |                |                |                |                |                |                |                |
| 储存罐工作压力.Working pressure of storage tank (Mpa)                  | 0.2-0.5      |                |                |                |                |                |                |                |
| 功率.Power (kw)                                                   | 1.5          | 2.2            | 3.7            | 4.5            | 5.6            | 6.2            | 7.8            | 9.5            |
| 外形尺寸.Dimension (mm)                                             | 900×700×2000 | 1200×1300×2100 | 1720×1140×2100 | 1860×1300×2100 | 1960×1400×2150 | 2020×1500×2200 | 2200×1600×2200 | 2300×1700×2200 |
| 重量.Weight (KG)                                                  | 500          | 800            | 1100           | 1300           | 1600           | 1800           | 1900           | 2000           |





## RXGF Series Aseptic Juice Milk Filling Machine

### 无菌果汁灌装机

#### 描述和特点

本系列设备用于茶饮、果汁饮料等产品的无菌灌装生产。该机集冲洗、灌装、旋盖为一体，设计科学合理，操作简单，是无菌灌装饮品的首选生产设备。

整机采用卡瓶劲悬挂工艺设计，且采用灌装阀升降，能满足无菌常温消毒灌装技术要求。灌装动作流畅，快速，精度高，封口可靠，物料损失低等功能，有效避免瓶口的二次污染。只需更换等量部件，既可实现不同瓶之间的转换。采用人机界面触摸屏控制，PLC 电脑控制，变频器控制等先进技术，自动化程度高。



#### Description and Features

This series equipment is used aseptic filling and production of tea, juice, etc. This machine integrates washing, filling capping together. It is scientific and reasonable design, simple operation, is the first choice equipment for aseptic filling beverage production.

The whole machine adopts clip bottle neck suspension process design, and uses the filling valve lifting, can satisfy the requirement of a aseptic normal temperature sterilize filling technology. Filling movements is smooth, fast, high precision, reliable sealing, low material loss of functionality, and effectively avoid the secondary pollution of bottle opening. Simply replacing equivalent components, can realize conversion between different bottles. Human-machine interface touch-screen control, PLC computer control, frequency converter control and other advanced technology, high degree of automation.

主要技术参数 Main Technical Parameter

| 型号.Model                    | RXGF14-12-5                                                    | RXGF18-18-6    | RXGF24-24-8    | RXGF32-32-10   | RXGF40-40-12   | RXGF50-50-15   | RXGF60-60-15   | RXGF70-70-18   | RXGF80-80-22   |
|-----------------------------|----------------------------------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| 冲瓶头数.Rinsing heads          | 14                                                             | 18             | 24             | 32             | 40             | 50             | 60             | 70             | 80             |
| 灌装头数.Filling heads          | 12                                                             | 18             | 24             | 32             | 40             | 50             | 60             | 70             | 80             |
| 压盖头数.Capping heads          | 5                                                              | 6              | 8              | 10             | 12             | 15             | 15             | 18             | 22             |
| 适用瓶子.Suitable bottle size   | H:170-320mm Diameter: 50-100mm volume: 330-2000ml Plastic caps |                |                |                |                |                |                |                |                |
| 清洗压力.Cleaning pressure(MPa) | 0.25-0.3                                                       |                |                |                |                |                |                |                |                |
| 产量.Capacity(b/h)            | 3000                                                           | 5000           | 7000           | 9000           | 12000          | 18000          | 22000          | 25000          | 30000          |
| 功率.power(KW)                | 2.2                                                            | 3.5            | 3.8            | 5.5            | 7.5            | 10             | 13             | 13             | 13             |
| 外形尺寸.Dimension(mm)          | 2100×1800×2700                                                 | 2600×2100×2700 | 3200×2300×2700 | 4200×2600×2700 | 4800×2800×2700 | 5700×3600×2700 | 6000×4200×2700 | 6500×4500×2700 | 7000×5000×2700 |
| 重量.Weight(KG)               | 2300                                                           | 3500           | 4600           | 6500           | 8500           | 10000          | 11000          | 13000          | 14000          |



## Can Filling and Sealing Unit

### 易拉罐灌装封口一体机



主要技术参数 Main Technical Parameter

| 型号.Model                        | GD4T150          | GD4T250          | GD4T350          |
|---------------------------------|------------------|------------------|------------------|
| 封盖头数.The number of sealing head | 4                | 4                | 6                |
| 灌装头数.The number of filling head | 12               | 18               | 32               |
| 生产能力.Production capacity        | 30~60cans/min    | 60-100cans/min   | 100-140cans/min  |
| 罐子直径.Can Diameter               | 52.5~99mm        | 52.5~99mm        | 52.5~99mm        |
| 罐子高度.Can Height                 | 39~160mm         | 39~160mm         | 39~160mm         |
| 功率.Power                        | 5.5kw            | 5.5kw            | 7.5kw            |
| 重量.Weight                       | 3100kg           | 3800kg           | 5500kg           |
| 尺寸.Dimension                    | 2700x1400x1900mm | 3050x1750x1900mm | 3800x1900x1900mm |



本机采用 PLC、变频器、人机界面控制系统。具有变频调速、有罐自动灌装，无罐不灌装等先进的控制技术。通过设备上的各种传感器，在触摸屏上可以显示出准确的生产速度和生产数量。生产速度可以根据用户要求在触摸屏上自行设定。

The machine adopts PLC, frequency converter, human machine interface controlling system, having the advanced controlling technologies, such as frequency control; no can no filling and so on. The accurate production rate and quantity will be displayed on touch-screen via the kinds of sensors on the machine.

## Continuous Spraying Tunnel Cooler/Warmer

### 连续喷淋式杀菌冷却隧道



连续喷淋式杀菌冷却隧道采用循环温水预热，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，罐装酸性乳品，果汁饮料，电解质饮料，酒类，调味品等产品的杀菌冷却。

Tunnel spraying cooler adopts recycling warm water to perform pre-cooling and use spraying cold water to down, which takes 3 procedures, the temperature and holding time can be regulated and auto controlled. This type cooler is widely used to cool the bottle, can packed type acidic milk, juice, beverage, beer, and flavor, etc.





## Linear Type Oil Filling Machine

直线式油灌装机



### 描述和特点

本机适用于各种粘、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，更换品种相当简单快捷，设计独特，性能优越，造型符合国际化设备概念。

### Description and Features

This machine is suitable for filling viscous, inviscid and corrosive liquid. It is widely applied in plant oil, chemical liquid, and daily chemical industry. It adopts linear type filling, Electrical mechanical & instrumental intergration controlling. It is simple and rapid for changing the varieties with unique design and superior capability. The model conforms to the international concept of equipment.

## Conveyor System

输送系统



## LP Series Bottle Unscrambler

理瓶机



### 描述和特点

全自动工位式理瓶机，适用于灌装前道工序，可将杂乱无章的 PET, PE 等材质的塑料瓶整齐后排列到输送线上，连接后端灌装机或者贴标机等自动化包装设备连接生产，在饮料，医药，农药，化工等瓶装产品的包装生产中使用，提高工做效率节省人工成本，实现自动化上瓶。

### Description and Features

This machine is designed for pre-filling processes, capable of organizing disordered PET, PE and other plastic bottles into aligned arrangements on conveyor lines. It seamlessly connects with downstream automated packaging equipment such as filling machines or labeling machines for continuous production. Widely applied in bottled product packaging for beverages, pharmaceuticals, pesticides, and chemical industries, this system enhances production efficiency, reduces labor costs, and achieves fully automated bottle feeding operations.

主要技术参数 Main Technical Parameter

| 型号, Model                       | LP-160   | LP-200   | LP-240   | LP-300   |
|---------------------------------|----------|----------|----------|----------|
| 主机尺寸, Dimension (M)             | Φ1.6x1.7 | Φ2.0x2.0 | Φ2.4x2.0 | Φ3.0x2.0 |
| 瓶身直径, Bottle body diameter (MM) | Φ40-80   | Φ40-120  | Φ40-150  | Φ40-180  |
| 适配灌装机, Suitable filling machine | 18-18-6  | 24-24-8  | 32-32-10 | 40-40-12 |
| 生产速度, Capacity (BPH)            | 4000     | 12000    | 18000    | 36000    |
| 电压, Voltage (V)                 | 220      | 220      | 220      | 220      |
| 输入功率, Input power (KW)          | 1.8      | 2.0      | 2.2      | 2.5      |
| 设备重量, Weight (KG)               | 800      | 1000     | 1200     | 1500     |

## Beverage Mixing System

饮料前调配系统

饮料前调配系统主要用于含气饮料及果汁饮料的预调配，其中包含化糖锅，糖浆过滤器，调配罐，储罐和 CIP 清洗管道系统。

This pre-mixing system is mainly used for carbonated drink and juice preparation, and including sugar melting boiler, syrup filter, mixing tank, storage tank, and CIP device for cleaning pipelines.





13

Professional Beverage  
Blowing Filling Packing Machinery

## Automatic Sleeve Shrink Labeling Machine

全自动套标机



## Automatic Self-adhesive Labeling Machine

全自动不干胶贴标机



14

Professional Beverage  
Blowing Filling Packing Machinery

## Automatic OPP Hot Glue Labeling Machine

全自动OPP热熔胶贴标机

### 描述和特点

本机适用于制药、食品、饮料、日化等的各种方、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，电子控制速度，全自动传动装置，电源档位和高精密度的钢星齿轮相结合，包含自动匹配的机械安全设施。



### Description and Features

This machine applies to single side, double and facade labeling of all kinds of quadrate & flat bottles in pharmacy food beverage, daily chemical industry etc. The machine adopts PLC process control, photo-electricity bottle checking and label delivery, it composes of high production efficiency, labeling precise and reliable, operation convenience, and wide adaptive scope etc. Start-up system: depend on 3-5 pole motor driving, electronic control speed, full automatic transmission device, electricity source place combine with high precise density steel star gear including automatic suited machinery safety device.

### 主要技术参数 Main Technical Parameter

| 型号 Model              | GD-RT9             | GD-RT12            | GD-RT15            | GD-RT18            | GD-RT24            |
|-----------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| 输入功率 Input power      | 16KW               | 16KW               | 16KW               | 16KW               | 16KW               |
| 输入电压 Input voltage    | 380V               | 380V               | 380V               | 380V               | 380V               |
| 生产能力 Capacity (b/h)   | 9000               | 12000              | 15000              | 18000              | 24000              |
| 尺寸 (米) Dimension (m)  | 2.1×1.46×1.97      | 2.25×1.65×1.97     | 2.25×1.65×1.9      | 2.4×2×1.97         | 2.6×2×1.97         |
| 瓶子的直径 Bottle diameter | Min:55mm Max:100mm | Min:55mm Max:100mm | Min:55mm Max:100mm | Min:55mm Max:100mm | Min:55mm Max:100mm |



15

Professional Beverage  
Blowing Filling Packing Machinery

## Carton Packing Machine

纸箱包装机



## Automatic PE Film Automatic Shrink Packing Machine

高速PE薄膜收缩包装机

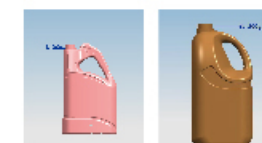


16

Professional Beverage  
Blowing Filling Packing Machinery

## HDPE Extrusion Blowing Machine

HDPE挤出吹塑机(2L-60L)



主要技术参数 Main Technical Parameter

| 型号<br>Model                          | GDY<br>2L-D     | GDY<br>5L       | GDY<br>5L-D     | GDY<br>15L      | GDY<br>15L-D    | GDY<br>20L      |
|--------------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| 使用原材料.<br>Material                   | PE\PP\HDPE\LDPE |                 |                 |                 |                 |                 |
| 最大制品容积.(L)<br>Max container capacity | 2               | 5               | 5               | 15              | 15              | 15              |
| 空循环.(PC/HR)<br>Output(DryCycle)      | 600x2           | 500             | 500x2           | 450             | 450x2           | 450             |
| 机器外形尺寸.(M)<br>Machine specification  | 3.1x2.2<br>x2.5 | 3.2x2.2<br>x2.5 | 4.1x2.1<br>x2.8 | 4.8x2.9<br>x2.8 | 4.8x2.2<br>x3.0 | 4.8x2.2<br>x3.0 |
| 机器重量.(KG)<br>Weight                  | 4800            | 3200            | 5200            | 8200            | 12500           | 9000            |
| 锁模力.(KN)<br>Clamping force           | 40              | 65              | 65              | 170             | 170             | 170             |
| 模板尺寸(宽X高).<br>Mold platen size (WXH) | 368x430         | 368x450         | 368x450         | 500x550         | 500x550         | 500x660         |
| 模具厚度.(MM)<br>Mold thickness          | 160-210         | 200-310         | 200-310         | 300-380         | 300-380         | 420-450         |
| 开合模行程.(MM)<br>Platen opening stroke  | 145-368         | 188-538         | 188-538         | 280-680         | 280-680         | 400-750         |

## Semi-automatic Blow Molding Machine

半自动吹瓶机(0.1L-25L)



主要技术参数 Main Technical Parameter

| 型号.Model                         | GD-880        | GD-B5L        | GD-B20L           |
|----------------------------------|---------------|---------------|-------------------|
| 瓶子材质.Bottle material             | PET           | PET           | PET               |
| 瓶子容积.Bottle volume(L)            | 0.1-2L        | 5-10L         | 10-25L(3-5Gallon) |
| 产量.Capacity(pcs/h)               | 800-2200      | 250-400       | 60-180            |
| 高度.Height (mm)                   | ≤300          | ≤390          | ≤500              |
| 瓶胚内径.Preform inner diameter (mm) | ≥φ12          | ≥φ16          | ≥φ16              |
| 最大模具直径.Max. Mold diameter(mm)    | 350x380       | 470x500       | 420x500           |
| 最大模具厚度.Max. Mold thickness(mm)   | 210           | 370           | 400               |
| 窗体顶端.Clamping force(kn)          | 45            | 100           | 330               |
| 锁模力.Mold opening stroke(mm)      | 160           | 350           | 318               |
| 开模行程.Main machine(mm)            | 1600x620x1610 | 1930x720x1830 | 2180x770x1960     |
| 主机重量.Main machine weight(KG)     | 500           | 800           | 1000              |
| 加热器尺寸.Heater(mm)                 | 1870x630x1450 | 1870x630x1450 | 2370x680x1650     |
| 加热器重量.Heater weight(kg)          | 250           | 250           | 380               |
| 功率.Power(kw)                     | 17.5          | 17.5          | 40                |







## Full-automatic PET Bottle Blow Molding Machine

### 全自动吹瓶机

#### 描述和特点

本系列全自动吹瓶机是一种二步法直线式 PET 全自动吹瓶机，最大可吹制 1500 毫升 PET 为原料的任何形状的碳酸饮料瓶，矿泉水瓶，化妆品瓶，大口径瓶，耐高温瓶及其他包装容器。

瓶子产量从 2500 瓶 / 小时到 6000 瓶 / 小时，不同的规格和配置以及结构设计可以满足国内外客户的需求；



#### Description and Features

This Series Full Automatic PET stretch blow molding machine can produce all kinds of PET plastic bottles, water bottles, carbonate drink bottles, Hot juice, edible oil and other packing container, output from 2500bph to 6000bph, volume from 0.1 to 1.5L.

This automatic blowing machine with simple structure, easy operation, reliable performance, high output, with novel design of conveyor, available to be connected with bottled production line smoothly and directly. Main adopts Festo servo motor and electrical positioning system German brand are applied in preform conveyor.

主要技术参数 Main Technical Parameter

| Model                | Unit | GD-2L         | GD-2L-W      | GD-4L       | GD-6L      | GD-6L        | GD-8L        | GD-10L      |
|----------------------|------|---------------|--------------|-------------|------------|--------------|--------------|-------------|
| Theoretical Output   | BPH  | 1800-2400     | 1800-2400    | 3500-4500   | 5500-6000  | 12000-15000  | 18000-19000  | 22000-24000 |
| Cavity Pitch         | mm   | 120           | 130          | 114.3       | 114.3      | 76           | 76           | 76          |
| Cavity Qty           | cav. | 2             | 2            | 4           | 6          | 6            | 8            | 10          |
| Max. Bottle Volume   |      | 2L            | 2L           | 2L          | 2L         | 0.7L         | 0.7L         | 0.7L        |
| Neck Size            | mm   | 18~38         | 18~38        | 18~38       | 18~38      | 18~38        | 18~38        | 18~38       |
| Max. Bottle Diameter | mm   | 105           | 105          | 105         | 105        | 70           | 70           | 70          |
| Max. Bottle Height   | mm   | 330           | 330          | 330         | 330        | 320          | 320          | 320         |
| Max. Heating Power   | KW   | 28            | 28           | 50          | 75         | 96           | 96           | 130         |
| Install Power        | KW   | 30            | 30           | 52          | 52         | 38~48        | 40~50        | 46~56       |
| Blowing Pressure     | Mpa  | 2.5~4.0       | 2.5~4.0      | 2.5~4.0     | 2.5~4.0    | 2.5~3.2      | 2.5~3.2      | 2.5~3.2     |
| Main Machine Size    | M    | 2.92x2.0x2.25 | 3.5x2.0x2.25 | 3.6x2.2x2.3 | 6x2.3x3.03 | 6.4X3.15X3.1 | 6.8X3.2X2.95 | 8.0X3.3X3.2 |
| Machine Weight       | KGS  | 2750          | 3300         | 3800        | 8000       | 7000         | 8500         | 9500        |



## Injection Molding Machine

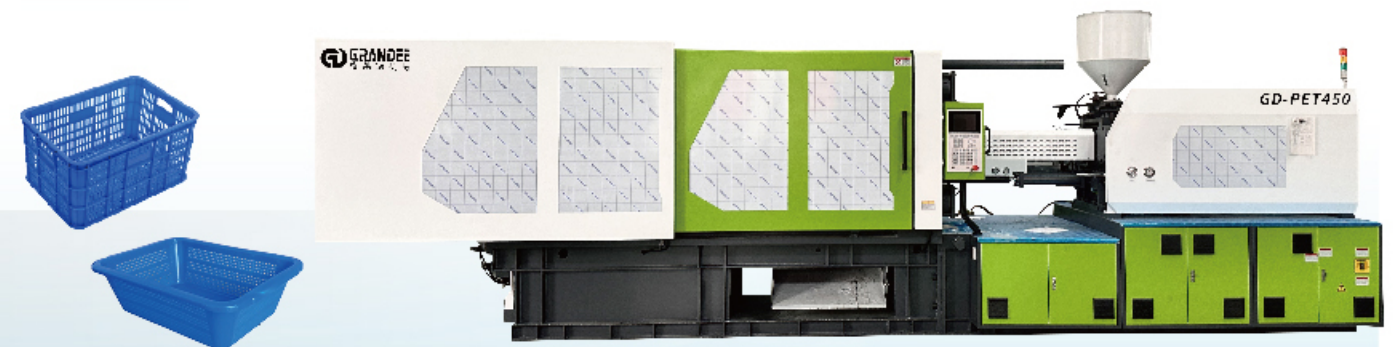
### 注塑机

#### 描述和特点

注塑机是一种通过高压将熔融塑料注入精密模具型腔，经冷却定型后批量生产高精度塑料制品的工业设备。

#### Description and Features

Injection Molding Machine is an industrial apparatus designed to mass-produce high-precision plastic components by injecting molten plastic under high pressure into precision-engineered mold cavities, followed by cooling and solidification.



主要技术参数 Main Technical Parameter

| Data<br>Model | 螺杆直径<br>Screw Dia (mm) | 注射容积<br>Shot Volume (PS/cm³) | 注射重量<br>Shot Weight (PS/g) | 锁模力<br>Clamping Force (KN) | 功率<br>Power (KW) |
|---------------|------------------------|------------------------------|----------------------------|----------------------------|------------------|
| GD-170T       | 45                     | 334                          | 304                        | 1700                       | 18.5             |
| GD-220T       | 50                     | 512                          | 466                        | 2200                       | 22               |
| GD-270T       | 55                     | 721                          | 656                        | 2700                       | 26               |
| GD-300T       | 60                     | 805                          | 732                        | 2980                       | 34               |
| GD-330T       | 65                     | 1098                         | 1000                       | 3300                       | 34               |
| GD-380T       | 70                     | 1374                         | 1250                       | 3800                       | 36               |
| GD-450T       | 95                     | 1723                         | 1567                       | 4500                       | 56               |
| GD-530T       | 100                    | 2614                         | 2379                       | 5300                       | 58               |
| GD-650T       | 90                     | 2818                         | 2536                       | 6500                       | 70               |
| GD-780T       | 105                    | 3894                         | 3543                       | 7800                       | 72               |
| GD-860T       | 110                    | 4656                         | 4237                       | 8600                       | 72               |
| GD-1080T      | 120                    | 5678                         | 5249                       | 10800                      | 94               |
| GD-1250T      | 130                    | 7745                         | 7045                       | 12500                      | 108              |
| GD-1600T      | 140                    | 9586                         | 8723                       | 16000                      | 134              |