

Professional Beverage  
Filling Line Manufacturer

# PROMAN MACHINE

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## ENTERPRISE PROFILE | 企业简介

张家港普罗蒙机械有限公司成立于2006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。

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 5 Gallon 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!



Engineers team



Quality Inspection Team



Installation Team

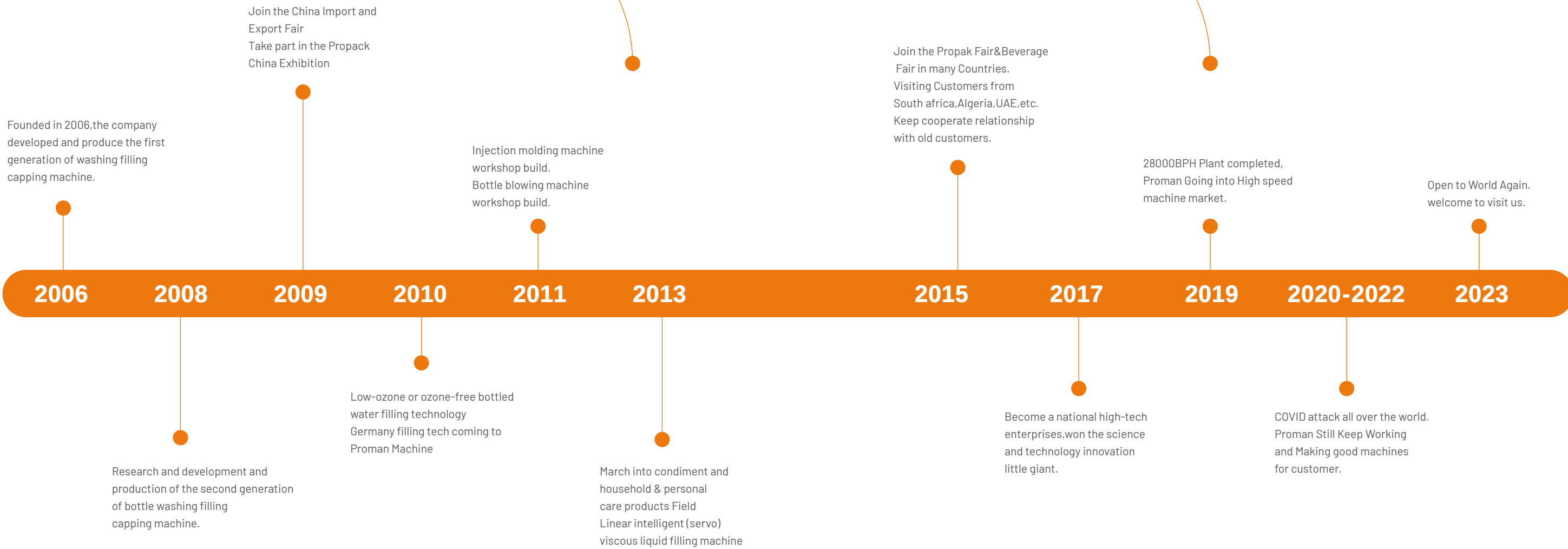


Oversea Service Team

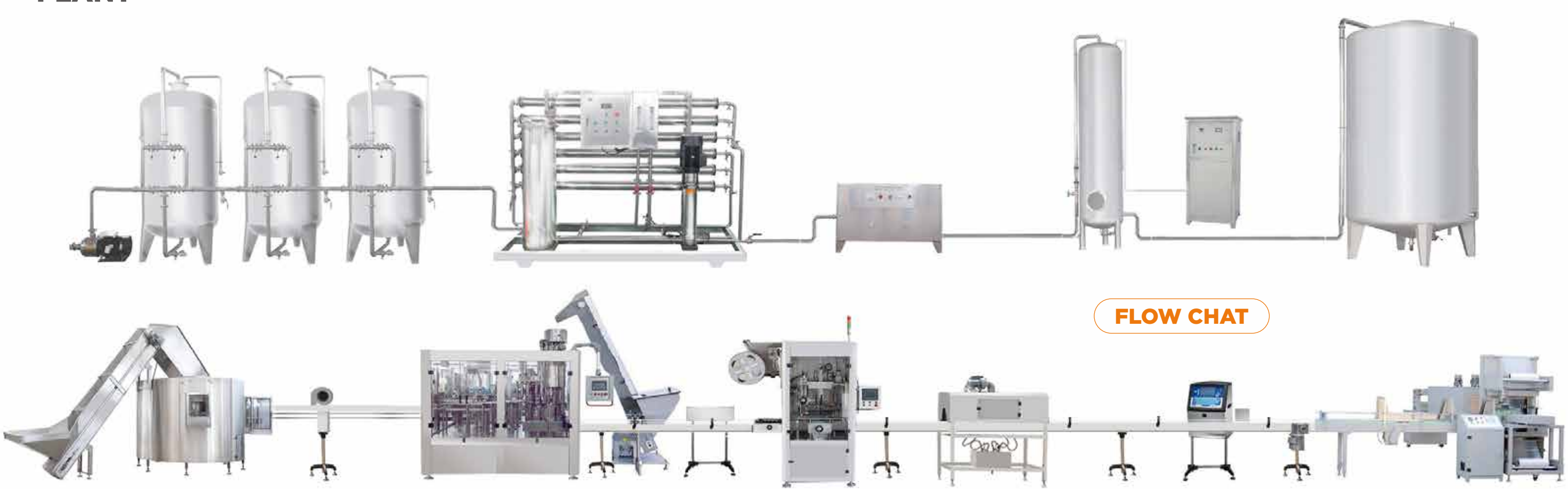
DEVELOPMENT  
COURSE  
2006-2023

18  
Years  
Chronicle  
Of Events

CHRONICLE OF EVENTS



# WATER TREATMENT PLANT



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 0.1um.

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 macro molecule 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 analysisi report and the final water standard required,we will suggest customer to choose the suitable water treatment plants.

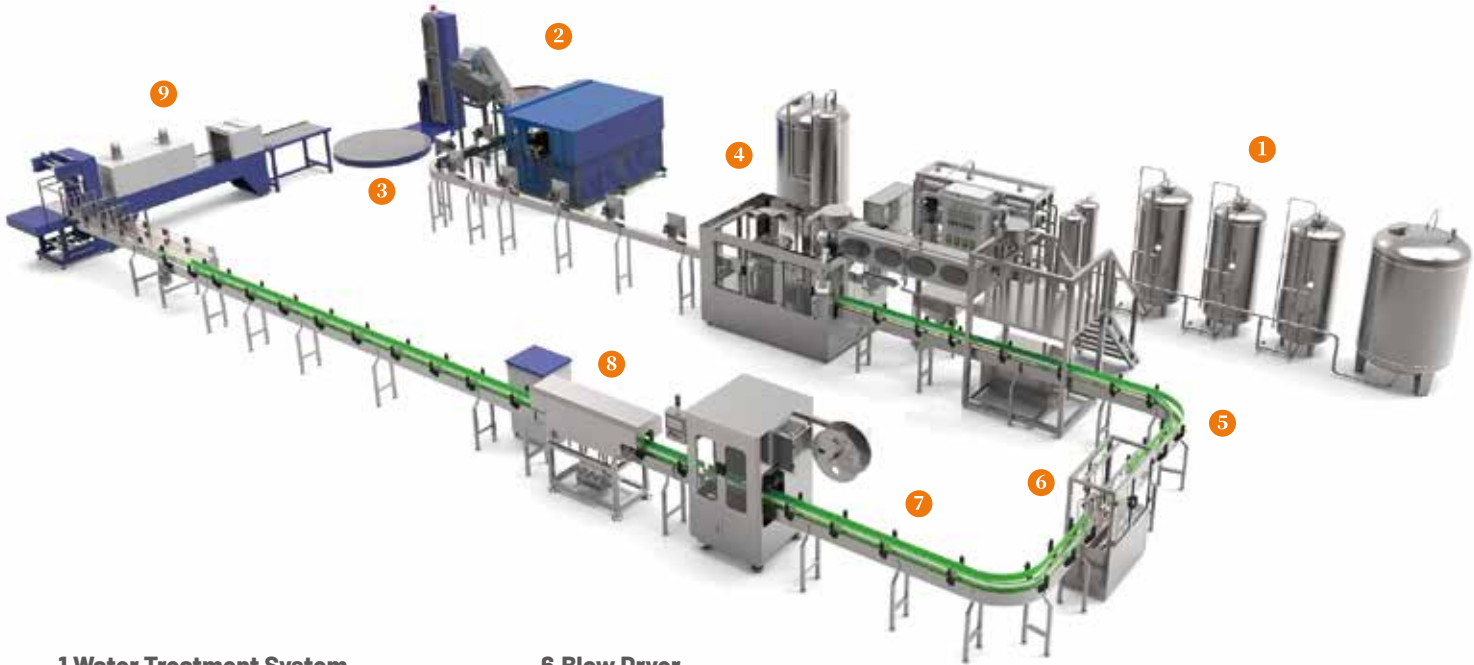
# CGF SERIES WATER WASHING FILLING CAPPING 3-IN-1 MACHINE



CGF 12-12-6



CGF 32-32-10



1. Water Treatment System

2. Bottle Blowing Machine

3. Air Conveyor

4. Water Filling Machine&cap Elevator

5. Flat Conveyor
6. Blow Dryer

7. Code Sprayer

8. Labeling Machine

9. Shrink Wrapping

### PRODUCT INTRODUCTION

The machine is mainly used for washing, filling sealing non-aerated carbon dioxide drink such as mineral water, pure water, non-gas wine drink and so on. The machine design is shortened the time for the drink material contact with outside, increase the sanitation condition through out 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       | CGF12-12-6     | CGF18-18-6     | CGF24-24-8     | CGF32-32-10    | CGF40-40-12    |
|-----------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Number of rinsing head            | 8              | 12             | 18             | 24             | 32             | 40             |
| Number of filling head            | 8              | 12             | 18             | 24             | 32             | 40             |
| Number of capping head            | 3              | 6              | 6              | 8              | 10             | 12             |
| (500ml) Rated production capacity | 1000-2000      | 3000-5000      | 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 |

WASHING, FILLING AND SEALING PRODUCTION LINE  
FOR PURE WATER MINERAL WATER, FRUIT JUICE, SPIRIT, ETC.



**Usage Characteristic**  
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.

| Model                | Production    | Bottle height | Motor Power |
|----------------------|---------------|---------------|-------------|
| ZPC-12,GFP-12,YQX-13 | 1000-2000 b/h | 1000-2000 b/h | 3.05kw      |
| ZPC-18,GFP-18,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 Bottle Washing Filling Capping Linear Line

PRODUCT INTRODUCTION

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.

| 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    | 2800x1100x1800 | 3500x1100x1800 | 4200x1100x1800 |

3-10L BUCKET WATER FILLING MACHINE



PRODUCT INTRODUCTION

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

| Model                             | CGF9-9-4 | CGF12-12-6 | CGF18-18-6 | CGF24-24-8 | CGF32-32-10 | CGF40-40-12 | CGF50-50-15 |
|-----------------------------------|----------|------------|------------|------------|-------------|-------------|-------------|
| Number of rinsing head            | 9        | 12         | 18         | 24         | 32          | 40          | 50          |
| Number of filling head            | 9        | 12         | 18         | 24         | 32          | 40          | 50          |
| Number of capping head            | 4        | 6          | 6          | 8          | 10          | 12          | 15          |
| (500ml) Rated production capacity | 1000     | 2000       | 3000       | 4000       | 5000        | 6000        | 7000        |
| (KW) Installed capacity           | 3        | 3.5        | 4          | 4.8        | 7.6         | 8.3         | 9.6         |

QGF SERIES FULL AUTOMATIC 5GALLON  
WATER PRODUCTION LINE



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.



| Model                    | QGF-100   | QGF-200   | QGF-300   | QGF-450   | QGF-600   | QGF-900   | QGF-1200  |
|--------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| filling head             | 1         | 2         | 3         | 4         | 4         | 6         | 8         |
| volume (L)               | 18.9      | 18.9      | 18.9      | 18.9      | 18.9      | 18.9      | 18.9      |
| barrel size (mm)         | Φ270x490  | Φ270x490  | Φ270x490  | Φ270x490  | Φ270x490  | Φ270x490  | Φ270x490  |
| capacity (b/h)           | 100       | 200       | 300       | 450       | 600       | 900       | 1200      |
| 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       |
| gas consumption (m³/min) | 0.37      | 0.37      | 0.6       | 0.8       | 1         | 1         | 1.8       |
| moto power (kw)          | 1.38      | 1.75      | 3.8       | 3.8       | 7.8       | 9.75      | 13.5      |
| rated voltage (v)        | 380V/50HZ | 380V/50HZ | 380V/50HZ | 380V/50HZ | 380V/50HZ | 380V/50HZ | 380V/50HZ |
| weight (kg)              | 680       | 800       | 1500      | 2100      | 3000      | 3500      | 4500      |

QHS SERIES BEVERAGE MIXER



PRODUCT INTRODUCTION

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.

| Model               | QHS1500  | QHS2500  | QHS3500  |
|---------------------|----------|----------|----------|
| Production Capacity | 1500kg/h | 2500kg/h | 3500kg/h |
| Power               | 1.1kw    | 2.5kw    | 4kw      |



PRODUCT INTRODUCTION

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.



CARBONATED DRINK FILLING MACHINE

The series equipment is used in production gas containing water of PET polyester bottle-packing carbonated beverage,such as Coca cola,pepsi-cola,spirit drink etc.It carries out washing bottle,filling and cap in go none machine.The whole machine designing is reasonable.The appearance is beautiful and the maintenance is convenient.It adopts bottle handing technology to make changing bottle more convenient,faster and easier.The main machine adopts advanced PLC control,touchscreen and no-bottle,no-cap system.The key electric elements are from famous international brand.



| Model                         | DCGF16-16-2                                      | DCGF18-18-6    | DCGF24-24-8    | DCGF32-32-10   | DCGF40-40-12   | DCGF50-50-15   | DCGF60-60-15   |
|-------------------------------|--------------------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Production capacity           | 2000-3000                                        | 3000-5000      | 5000-7000      | 7000-10000     | 10000-15000    | 16000-20000    | 20000-24000    |
| Filling precision             | ≤+5mm (Liquid level)                             |                |                |                |                |                |                |
| Filling pressure (Mpa)        | ≤0.4                                             |                |                |                |                |                |                |
| PET bottle specification (mm) | (bottle diameter): Φ50-Φ115 ; (height) : 160-320 |                |                |                |                |                |                |
| Suitable cap shape            | Plastic screw cap or crown cap                   |                |                |                |                |                |                |
| Total power (KW)              | 4.4                                              | 5.2            | 6.2            | 6.2            | 7.5            | 11             | 15             |
| Weight (kg)                   | 2500                                             | 3500           | 4500           | 6000           | 7200           | 10000          | 15000          |
| Overall dimensions (mm)       | 2250x1650x2250                                   | 2600x1965x2250 | 2980x2200x2250 | 3880x2200x2250 | 4000x2250x2500 | 5500x3500x2500 | 6500x5500x2550 |

JUICE FILLING MACHINE



PRODUCT INTRODUCTION

RCGF series three-in-one set of machine is mainly used in the beverage filing 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 bottleneck hanging technology makes the process of changing bottles easily by only adapting the height of conveyor chain.The filling process adopt shot 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 ratio of function against price.The hot filling type machine works with balanced tank and vacuum system.



| Model                  | RCGF12-12-6                                           | RCGF18-18-6    | RCGF24-24-8    | RCGF32-32-12   | RCGF40-40-12   |
|------------------------|-------------------------------------------------------|----------------|----------------|----------------|----------------|
| Capacity 500ml         | 3000                                                  | 5000           | 8000           | 12000          | 16000          |
| Bottle Shape           | roud or square                                        |                |                |                |                |
| Pet Bottle (Mm)        | (bottle diameter): Φ50- Φ110mm ; (height) : 160-320mm |                |                |                |                |
| Cap                    | PE srew cap or cap                                    |                |                |                |                |
| Filling Precision      | ≤±5%                                                  |                |                |                |                |
| Filling Pressure (Mpa) | 0.15-0.35                                             | 0.15-0.35      | 0.15-0.35      | 0.15-0.35      | 0.15-0.35      |
| Rinsing Pressure (Mpa) | 0.2-0.25                                              | 0.2-0.25       | 0.2-0.35       | 0.2-0.25       | 0.2-0.25       |
| Total Power (Kw)       | 3.6                                                   | 4.4            | 5.2            | 6.2            | 7.8            |
| Overall Size (Mm)      | 2400x2000x2300                                        | 2800x2150x2300 | 3100x2450x2300 | 3800x2800x2500 | 4100x3000x2500 |
| Weight (Kg)            | 3500                                                  | 4500           | 6500           | 7500           | 8500           |

GLASS BOTTLE FILLING MACHINE



PRODUCT INTRODUCTION

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.



| Model                            | BGF12-12-6     | BGF18-18-6     | BGF24-24-8     | BGF32-32-10    | BGF40-40-12    |
|----------------------------------|----------------|----------------|----------------|----------------|----------------|
| Number of rinsing head           | 12             | 18             | 24             | 32             | 40             |
| Number of filling head           | 12             | 18             | 24             | 32             | 40             |
| Number of caping head            | 6              | 6              | 8              | 10             | 12             |
| Reted production capacity(500ml) | 2000BPH        | 4000BPH        | 6000BPH        | 10000BPH       | 15000BPH       |
| Installed capacity(KW)           | 3.2            | 4              | 4.8            | 7.6            | 8.3            |
| LxWxH (mm) overall size          | 2100x1800x2400 | 2450x1900x2400 | 2750x2250x2400 | 4000x2300x2400 | 4550x2650x2400 |

BGF SERIES BEER FILLING AND SEALING MACHINE



PRODUCT INTRODUCTION

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.



| Model                            | BGF12-6   | BGF18-6   | BGF24-8   | BGF32-8   |
|----------------------------------|-----------|-----------|-----------|-----------|
| Production capacity (500ml)(b/h) | 1000-2000 | 2000-3000 | 4000-5000 | 6000-8000 |
| Total power (kw)                 | 1.5       | 1.5       | 3.75      | 5.6       |

EDIBLE OIL FILLING MACHINE



PRODUCT INTRODUCTION

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, touchscreen 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.

| Model            | WJ-01   | WJ-02    | WJ-03     | WJ-04     | WJ-05     | WJ-06     | WJ-07     |
|------------------|---------|----------|-----------|-----------|-----------|-----------|-----------|
| filing head      | 2       | 4        | 6         | 8         | 10        | 12        | 14        |
| suitable volume  | 0.5-6   | 0.5-6    | 0.5-6     | 0.5-6     | 0.5-6     | 0.5-6     | 0.5-6     |
| productivity     | 350-500 | 700-1000 | 1000-1500 | 1500-2200 | 1800-2500 | 2000-3000 | 3000-4000 |
| 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   |
| power consupcion | ≤1.0kw  | ≤1.1kw   | ≤1.5kw    | ≤1.5kw    | ≤1.5kw    | ≤2.0kw    | ≤2.0kw    |

LINEAR INTELLIGENT (SERVO) VISCOUS LIQUID FILLING MACHINE



|                            |                                |
|----------------------------|--------------------------------|
| Capacity                   | 500 (b/h)                      |
| Filling Volume             | 50-1000ml                      |
| Measurement Precision      | ±1% (250ml),±0.5% (250-1000ml) |
| Applicable Bottle Diameter | Φ 40-100mm                     |
| Air Pressure               | 0.6-0.8Mpa                     |
| Total Power                | 2.5Kw                          |
| Voltage                    | AC380V,50/60HZ                 |
| Net Weight                 | 1200kg                         |
| (LxWxH) dimension          | 2400x1300x2150mm               |

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 servomotor,and the stroke positioning is accurate.When the filing 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 filing all kinds of viscous materials such as vegetable oil honey,jam,syrup,preparation,suspending agent,oil and daily chemical industry.

POP TOP ALUMINUM & PET CANNING LINE



PRODUCT INTRODUCTION

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,filing and sealing of the empty pot,and the production capacity is large.For example : Coca-Cola , Pepsi,etc..

| Model                         | XD-120          | GD-24 (GD-32)   | FBZ-6           |
|-------------------------------|-----------------|-----------------|-----------------|
| Production capacity (b/h)     | 1000-2000       | 2000-10000      | 3000-9600       |
| Bottle / can type (mm)        | Φ 50-80 H85-150 | Φ 50-80 H85-150 | Φ 50-80 H85-150 |
| Power (kw)                    | 1.5             | 2.5             | 3.5             |
| Overall dimensions l×w×h (mm) | 1930x1640x3200  | 1460x1570x1900  | 1270x1050x1900  |
| Weight (kg)                   | 2000            | 3000            | 4000            |

SERIES FILLING AND SEALING MACHINE FOR GAS-CONTAINING CANS



PRODUCT INTRODUCTION

The machine is advanced filling and capping equipment,it's designed on the basis of absorbing domestic and foreign advanced technology.It's mainly used in filling and capping carbonated beverages as soft drinks,cola, sparkling wine,etc.It has such advantages as advanced construction,stable working,convenient operation and repair&maintenance,transducer control as well as high production efficiency.It is the ideal equipment for mid-scale&small-scale beverage factory.



| Model                         | GDF12-1        | GDF18-6        | GDF24-6        |
|-------------------------------|----------------|----------------|----------------|
| Production capacity (b/h)     | 1000-2000      | 3000-6000      | 4000-9000      |
| Power (kw)                    | 0.75           | 2.5            | 3.7            |
| Overall dimensions l×w×h (mm) | 1750x1140x1950 | 2320x1400x1900 | 2580x1675x1900 |
| Weight (kg)                   | 1800           | 2500           | 3000           |

PVC SLEEVE LABELING MACHINE



| Model                    | SPC-150                           | SPC-250             | SPC-350             |
|--------------------------|-----------------------------------|---------------------|---------------------|
| Main engine size (LxWxH) | 2000x1000x2000                    | 2000x1000x2000      | 2000x1300x2000      |
| production rate          | limitation:200B/Min               | limitation:250B/Min | limitation:300B/Min |
| Host power supply        | 220V/380V                         | 220V/380V/220V      | 220V/380V/220V      |
| Main engine power        | 1.5-2KW                           | 1.5-2KW             | 1.5-2KW             |
| Shrink power             | 12KW                              | 12KW                | 12KW                |
| Label length             | 40mm-180mm                        | 40mm-180mm          | 40mm-180mm          |
| Label thickness          | 0.03mm-0.13mm                     | 0.03mm-0.13mm       | 0.03mm-0.13mm       |
| Label material           | PVP.PET.PS                        | PVP.PET.PS          | PVP.PET.PS          |
| Bottle / can height      | 30mm-280mm                        | 30mm-280mm          | 30mm-280mm          |
| Bottle / can diameter    | Φ 50mm- Φ 125mm                   | Φ 50mm- Φ 125mm     | Φ 50mm- Φ 125mm     |
| Bottle / can shape       | Round,square,elliptic rectangular |                     |                     |



ADHESIVE LABELING MACHINE

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.Startingsystem: 3-5polemotordrive , electronic control fast,automatic transmission,power gear and high precision steel star gear combination,including automatic matching of mechanical safety facilities.

OPP LABELING MACHINE



CODE SPRAYER

- 1. printable 1-4 line , font size adjustable.
- 2. printing speed 100m/points , barcode 30m/points.
- 3. 125m link can print 30 million characters (3mm high) .
- 4. canstore 100 sets of information.
- 5. suitable for metal,clinker,glass,paper and other materials

WD-150 AUTOMATIC PE FILM SHRINK WRAPPING MACHINE



PRODUCT INTRODUCTION

This machine is used in the combination package of mineral water, beverage, beer, liquor, infusion bottle and soon. 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.

| Model                                    | WD-150         |
|------------------------------------------|----------------|
| Over Dimensions (LxWxH)(mm)              | 5050x3300x2100 |
| Weight Of Machine (kg)                   | 1200           |
| Heat Shrinkable Furnace Size (LxWxH)(mm) | 3700x920x1750  |
| Maxmum Size (LxWxH)(mm)                  | 600x400x350    |
| Packing Speed (b/m)                      | 8-10           |
| Width Of Conveyer Belt (mm)              | 920 (200)      |
| Working Power                            | 380V,20KW      |
| Working Pressure (Mpa)                   | 0.6-0.8        |
| Machine Power (Kw)                       | 20             |



LINEAR TYPE COLOR FILM SHRINK PACKING MACHINE



| Model                                    | WD-250          |
|------------------------------------------|-----------------|
| Over Dimensions (LxWxH)(mm)              | 12000x1000x2100 |
| Weight Of Machine (kg)                   | 2500            |
| Heat Shrinkable Furnace Size (LxWxH)(mm) | 2500x750x2100   |
| Maxmum Size (LxWxH)(mm)                  | 800x650x450     |
| Packing Speed (b/m)                      | 16-20           |
| Width Of Conveyer Belt (mm)              | 541             |
| Working Power                            | 380V,30KW       |
| Working Pressure (Mpa)                   | 0.6-0.8         |
| Machine Power (Kw)                       | 30              |

PRODUCT INTRODUCTION

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. touchscreen 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.

CARTON PACKING MACHINE



On the basis of absorbing foreign technology, the equipment is designed and manufactured by our company in an innovative way. It is a frame-type packing machine with pneumatic+electric working mode. Compact structure, beautiful appearance, low energy consumption, stable operation and convenient operation. The rocker arm works flexibly and is driven by a variable frequency motor and operates smoothly.



AUTOMATIC BOTTLE BLOWING MACHINE



|                            | Item                                  | Q3000        | QX4500       | Q6000       | QX9000         | QX12000        |
|----------------------------|---------------------------------------|--------------|--------------|-------------|----------------|----------------|
| Bottle type specification  | Cavity                                | 2            | 3            | 4           | 6              | 9              |
|                            | Theory output                         | 3000BPH      | 4500BPH      | 6000BPH     | 9000BPH        | 12000BPH       |
|                            | Max.volume                            | 2L           | 0.75L        | 2L          | 0.75L          | 0.75L          |
|                            | Bottle mouth maximum overall diameter | 28-80mm      | 28-38mm      | 28-38mm     | 28-38mm        | 28-38mm        |
|                            | Bottle biggest diameter               | 100mm        | 65mm         | 100mm       | 65mm           | 65mm           |
|                            | Bottle maximun height                 | 330mm        | 240mm        | 330mm       | 240mm          | 240mm          |
| Power specification        | Light tube quantity                   | 32pcs        | 18pcs        | 32pcs       | 32pcs          | 32pcs          |
|                            | Light tube power                      | 0.75KW       | 1.5KW        | 1KW         | 1.25KW         | 1.5KW          |
|                            | Maximum heating pwoer                 | 24KW         | 24KW         | 32KW        | 40WK           | 54KW           |
|                            | All electric machine installtion      | 27KW         | 27KW         | 42KW        | 43KW           | 57KW           |
|                            | Actual consumption                    | 30%—60%      | 30%—60%      | 30%—60%     | 30%—60%        | 30%—60%        |
| Air pressure specification | Work pressure                         | 7-9kg/cm2    | 7-9kg/cm2    | 7-9kg/cm2   | 7-9kg/cm2      | 7-9kg/cm2      |
|                            | Blow bottle pressure                  | 25-35kg/cm2  | 25-35kg/cm2  | 25-35kg/cm2 | 25-35kg/cm2    | 25-35kg/cm2    |
|                            | Higher-pressure ges consumption       | 1500Ltr/min  | 1500Ltr/min  | 3000Ltr/min | 4000Ltr/min    | 4800Ltr/min    |
| Forzen water specification | Work pressure                         | 5-6 kg/cm2   | 5-6 kg/cm2   | 5-6 kg/cm2  | 5-6 kg/cm2     | 5-6 kg/cm2     |
|                            | Temperature range                     | 10 ℃         | 10 ℃         | 10 ℃        | 10 ℃           | 10 ℃           |
|                            | Consumption                           | 5000kcal/hr  | 5000kcal/hr  | 8000kcal/hr | 8000kcal/hr    | 12000kcal/hr   |
|                            | Forzen water flow                     | 30L/min      | 30L/min      | 138L/min    | 88L/min        | 88L/min        |
| Machine specification      | Size of the machine                   | 2.25x1.6x1.7 | 2.6x1.8x2.45 | 4.1x1.6x1.9 | 4.15x1.85x2.13 | 5.66x1.85x2.11 |
|                            | Weight of the machine                 | 2.5ton       | 3ton         | 3.9ton      | 4.5ton         | 7ton           |



SEMI AUTO BOTTLE BLOW MOLDING MACHINE

PRODUCTION FEATURES

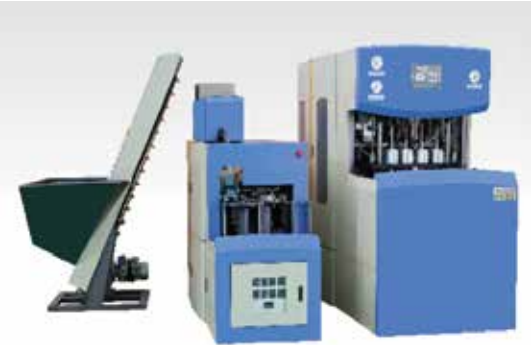
Semi-automatic bottle blowing machine adopts direct pressure,microcomputer control,two step blowing bottle.The main blow tube blank PET mineral water bottles,beverage bottles,edible oil bottle,pharmaceutical plastic bottles,pesticide bottles,cosmetic bottles etc..

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.



| Item       |                             |       | PM-12            | PM-8Y            | PM-1500          | PM-1-20          |
|------------|-----------------------------|-------|------------------|------------------|------------------|------------------|
| Product    | Theorrtical output          | Pcs/h | 500              | 900              | 1800             | 90               |
|            | Volume                      | L     | 5.0              | 2.0              | 2.0              | 20               |
|            | Max.height                  | mm    | 360              | 360              | 360              | 550              |
|            | Max.diameter                | mm    | 120              | 105              | 105              | 300              |
| Mould      | Number of cavities          | /     | 1                | 2                | 4                | 1                |
|            | Mould plate dimension (LxH) | mm    | 490x470          | 490x405          | 490x405          | 620x620          |
|            | Mould thickness             | mm    | 250              | 220              | 220              | 380              |
|            | Mould opening stroke        | mm    | 220              | 180              | 180              | 380              |
| Electrical | Power                       | /     | 220-380V/50-60HZ | 220-380V/50-60HZ | 220-380V/50-60HZ | 220-380V/50-60HZ |
|            | Total power                 | KW    | 11               | 11               | 21               | 36               |
|            | Heating power               | KW    | 10               | 10               | 20               | 37               |
| Machine    | Main body dimension (LxWxH) | m     | 1.5x0.65x2.0     | 1.5x0.65x2.0     | 1.5x0.65x2.0     | 2.1x0.75x1.6     |
|            | Main body weight            | kg    | 600              | 550              | 550              | 900              |
|            | Pre-heater (LxWxH)          | m     | 1.5x0.65x1.5     | 1.4x0.65x1.5     | 1.8x0.65x1.5     | 2.7x0.7x1.6      |
|            | Pre-heater weight           | kg    | 300              | 300              | 350              | 400              |

SEMI AUTOMATIC 4 CAVITY BOTTLE BLOWING MACHINE



| 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 stoke   | 380mm        |
| theoretical output     | 2000BPH      |
| max.area of mouldbase  | 750x420      |
| max.mould thickness    | 190mm        |
| space between tie bars | 670x340mm    |

SEMI AUTOMATIC HOT FILLING BOTTLE BLOW MOLDING MACHING



FIVE GALLON MACHINE

|                         |                                    |                   |               |
|-------------------------|------------------------------------|-------------------|---------------|
| container               | productr material                  | PET               | PET           |
|                         | volume (l)                         | 10-25 (3-5gallon) | 5-10          |
|                         | theoretical output (pcs/h)         | 60-180            | 250-400       |
|                         | height (mm)                        | ≤500              | ≤390          |
|                         | preform inner diameter             | ≥ Φ16             | ≥ Φ16         |
| mould                   | max.Mould plate diameter (l*m)(mm) | 420x500           | 470x500       |
|                         | max.Mould thickness                | 400               | 370           |
|                         | clamping force                     | 330               | 100           |
|                         | mould opening stroke               | 318               | 350           |
|                         | main machine (l*w*h)               | 2180x770x1960     | 1930x720x1830 |
| machine size and weight | main machine weight                | 1000              | 800           |
|                         | heater (l*w*h)                     | 2370x680x1650     | 1870x630x1450 |
|                         | heater weight (kg)                 | 380               | 250           |
|                         | power (kw)                         | 40                | 175           |

| 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             | 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           |
| pressure for blowing (kg)   | 30      | 30        | 30          | 30             | 30           | 30           |
| flow rate for working (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)    | 90x235  | 90x255    | 90x320      | 145x320        | 105x280      | 65x235       |
| machine size l*w*h (m)      | 2x1.5x2 | 2.2x1.5x2 | 2.2x1.7x1.9 | 2.45x1.85x1.95 | 2.1x2.25x2.1 | 3.98x1.7x1.9 |
| Machine weight (kg)         | 980     | 1450      | 1600        | 1800           | 3100         | 2000         |

INJECTION MOLDING MACHINE



S series standard PET preform injection machine



K series fast PET preform injection machine



H series high-speed PET preform injection machine



ECO series high-speed PET preform injection system



E series fast PE/PP cap injection machine

| SPECIFICATIONS            | UNIT            | KEPT1500/298 S6 | KEPT1800/318 S6 | KEPT2300/318 S6 | KEPT3100/318 S6 | KEPT3100/318 S6 | KEPT3300/398 S6 |
|---------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| International size rating |                 |                 |                 |                 |                 |                 |                 |
| INJECTION UNIT            |                 |                 |                 |                 |                 |                 |                 |
| Screw Diameter            | mm              | 75              | 75              | 83              | 95              | 83              | 95              |
| Screw L/D Ratio           | L/D             | 24              | 24              | 24              | 24              | 24              | 24              |
| Injection rate            | g/s             | 515             | 515             | 627             | 850             | 627             | 850             |
| Theoretical shot volume   | cm <sup>3</sup> | 1258.5          | 1565            | 1920            | 2520            | 2110            | 2762            |
| Shot Weight(PS)           | g               | 1510.2          | 1878            | 2304            | 3024            | 2532            | 3314.4          |
|                           | OZ              | 53.3            | 66.2            | 81.3            | 106.7           | 89.3            | 116.9           |
| CLAMPING UNIT             |                 |                 |                 |                 |                 |                 |                 |
| Clamping Force            | KN              | 2980            | 3180            | 3180            | 3180            | 3980            | 3980            |
| Opening Stroke            | mm              | 590             | 660             | 660             | 660             | 725             | 725             |
| Space between bars        | mm              | 615x615         | 660x660         | 660x660         | 660x660         | 730x730         | 730x730         |
| Movable platen size       | mm              | 920x920         | 960x960         | 960x960         | 960x960         | 1080x1080       | 1080x1080       |
| Max.mold height           | mm              | 630             | 680             | 680             | 680             | 780             | 780             |
| Min.mold height           | mm              | 200             | 250             | 250             | 50              | 250             | 250             |
| Ejector Stroke            | mm              | 170             | 200             | 200             | 200             | 200             | 200             |
| Ejector Force             | KN              | 123             | 177             | 177             | 177             | 177             | 177             |
| Number of ejector pins    |                 | 12+1            | 12+1            | 12+1            | 12+1            | 12+1            | 12+1            |
| OTHERS                    |                 |                 |                 |                 |                 |                 |                 |
| Pump Motor Power          | KW              | 28.7+40         | 35.9+40         | 39.4+56         | 39.4+56         | 39.4+56         | 39.4+56         |
| Hydraulic system pressure | Mpa             | 160             | 160             | 160             | 160             | 160             | 160             |
| Oil tank capacity         | L               | 540             | 560             | 560             | 560             | 790             | 790             |
| Heater power              | KW              | 30              | 30              | 35              | 45.3            | 35              | 45.3            |
| Machine dimensions(LxWxH) | m               | 6.9x1.53x2.0    | 7.6x1.76x2.05   | 7.6x1.76x2.05   | 8.05x1.76x2.05  | 8.5x1.8x2.25    | 8.5x1.8x2.25    |
| Machine weight            | T               | 8               | 11              | 12              | 12.5            | 17.5            | 18              |

| SPECIFICATIONS            | UNIT            | KEPT4500/398 S6 | KEPT3300/458 S6 | KEPT4500/458 S6 | KEPT5000/458 S6 | KEPT4500/528 S6 | KEPT6000/528 S6 |
|---------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| International size rating |                 |                 |                 |                 |                 |                 |                 |
| INJECTION UNIT            |                 |                 |                 |                 |                 |                 |                 |
| Screw Diameter            | mm              | 105             | 95              | 105             | 110             | 105             | 120             |
| Screw L/D Ratio           | L/D             | 24              | 24              | 24              | 24              | 24              | 24              |
| Injection rate            | g/s             | 1169.8          | 850             | 1169.8          | 1283.8          | 1169.8          | 1143.4          |
| Theoretical shot volume   | cm <sup>3</sup> | 3808            | 2762            | 3808            | 4179            | 3808            | 5087            |
| Shot Weight(PS)           | g               | 4569.6          | 3314.4          | 4965.6          | 5014.8          | 4569.6          | 6104.4          |
|                           | OZ              | 161.2           | 116.9           | 161.2           | 176.9           | 161.2           | 215.3           |
| CLAMPING UNIT             |                 |                 |                 |                 |                 |                 |                 |
| Clamping Force            | KN              | 3980            | 4580            | 4580            | 4580            | 5280            | 5280            |
| Opening Stroke            | mm              | 725             | 740             | 740             | 740             | 850             | 850             |
| Space between bars        | mm              | 730x730         | 770x770         | 770x770         | 770x770         | 860x810         | 860x810         |
| Movable platen size       | mm              | 1080x1080       | 1140x1140       | 1140x1140       | 1140x1140       | 1225x1185       | 1225x1185       |
| Max.mold height           | mm              | 780             | 780             | 780             | 780             | 830             | 830             |
| Min.mold height           | mm              | 250             | 250             | 250             | 250             | 330             | 330             |
| Ejector Stroke            | mm              | 200             | 200             | 200             | 200             | 200             | 220             |
| Ejector Force             | KN              | 177             | 212             | 212             | 212             | 212             | 212             |
| Number of ejector pins    |                 | 12+1            | 12+1            | 12+1            | 12+1            | 12+1            | 12+1            |
| OTHERS                    |                 |                 |                 |                 |                 |                 |                 |
| Pump Motor Power          | KW              | 39.4+71.9       | 28.7x2+56       | 28.7x2+71.9     | 28.7x2+71.9     | 28.7x2+71.9     | 28.7x2+81.4     |
| Hydraulic system pressure | Mpa             | 160             | 160             | 160             | 160             | 160             | 160             |
| Oil tank capacity         | L               | 790             | 790             | 790             | 790             | 1100            | 1100            |
| Heater power              | KW              | 46.6            | 45.3            | 46.6            | 51.4            | 46.6            | 60              |
| Machine dimensions(LxWxH) | m               | 9.0x1.8x2.25    | 8.95x1.95x2.35  | 8.95x1.95x2.35  | 8.95x1.95x2.35  | 10.3x2.1x2.3    | 10.3x2.1x2.3    |
| Machine weight            | T               | 18.5            | 21              | 21.5            | 21.5            | 27              | 27.5            |

## PARTNER INDUSTRY LEADERS



## CERTIFICATE

