汇聚丨诚信丨优质

TOGETHER INTEGRITY AND EXCELLENCE

MERCKPACK

BEVERAHE MACHINERY INDUSTRY LEADER

饮料机械行业领导者

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MERCKPACK

WORLDCLASS BOTTLING AND PACKAGING SOLUTIONS



EUROPEAN TECHNOLOGY

MADE IN CHINA

张家港莫克机械有限公司

ZHANGJIAGANG MERCK MACHINERY CO.,LTD

公司介绍
Company Profile

Based in Zhangjiagang, near shanghai and nanjing, our factory specializes in designizing and manufacuring a full range of beverage filling and packaging lines for the small to mid-sized operations. We have been in beverage packaging industry for more than 15 years, and our equipment is being used profitably across the CHINA and around the world.

We offer a full line of water filling & packaging, hot filled filling & packaging for PET/Glass Contatiners , carbonated drink filling & packaging , wine filling & packaging , as well as water treatment equipements, blow molders for PET bottles, cappers, labelers, case packers and shrink-wrapping equipment. Everything you need for an efficient, profitable beverage packaging business.

We are committed to a three-point business philosophy that drives our company: Innovation in product development and customer service; Dedication to quality craftmanship and customer support; and complete customer satisfaction , which results from our innovative product development and our dedication to help you succeed in the beverage business.








一体化及交钥匙解决方案专家
Solutions for Process Design and Turn-key Project

Our company is professional to combine perfectly the beverage technology design with turnkey project. we can provide you with a tailor-made project for variety of package formats and specific plant layout ,also can help you with better performance ,faster technology upgrading ,easier change-over and lower maintenance cost.


European Certifying Organization
CERTIFICATE OF CONFORMITY

CERTIFICATE OF REGISTRATION
Quality Management System Certificate
Zhangjiagang Merck Machinery Co.,Ltd
GB/T19001-2008/ISO9001:2008

二00五年度
诚信企业
张家港市人民政府

二00四年度
AAA重合同守信用企业

2009-2010年度
AA级重合同守信用企业
苏州市人民政府



Initial Evaluation

Evaluate based on production target,product characteristic and marketing plan.

1



Parameter Design

Analyze and design technical parameter of your engineering project

2



Proposal Confirmation

Confirm project implement proposal according to discussion and drawing of your layout.

3



Manufacture Supervision

Make up and supervise manufacture progress till passing final trial of whole system.

4



Personnel Training

Improve technical level of operators as well as operative skills of the equipments.

5



Customer Service

Customer-oriented service : offer rapid & effective engineering service.

6

水处理系统
Water Treament System

It is applied for the production of pure water , mineral water,beverage product water and process water. It is mainly composed of the following equipemnt : Pre-treatment System (multi-medium filter, active carbon filter ,ion exchanger, millipore filter), Membrane Filtration System (Ultra Filter, Nanometer Filter, RO System), Electrodialysis Device , Sterilization System (UV Device , Ozone Device) and so on.




Raw Water Tank


Pretreatment Filters


Hollow Fiber For Mineral Water


UV Sterilizer


Reverse Osmosis For Pure Water

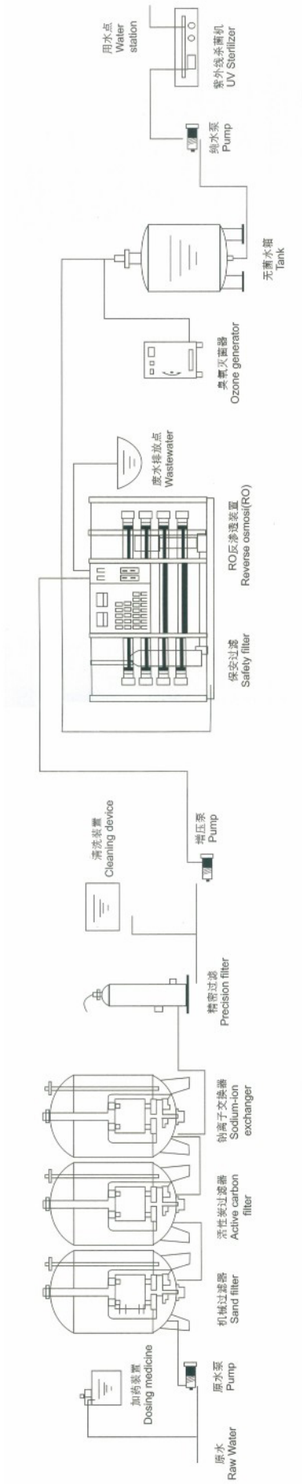

Aseptic Water Tank


Precision Filter

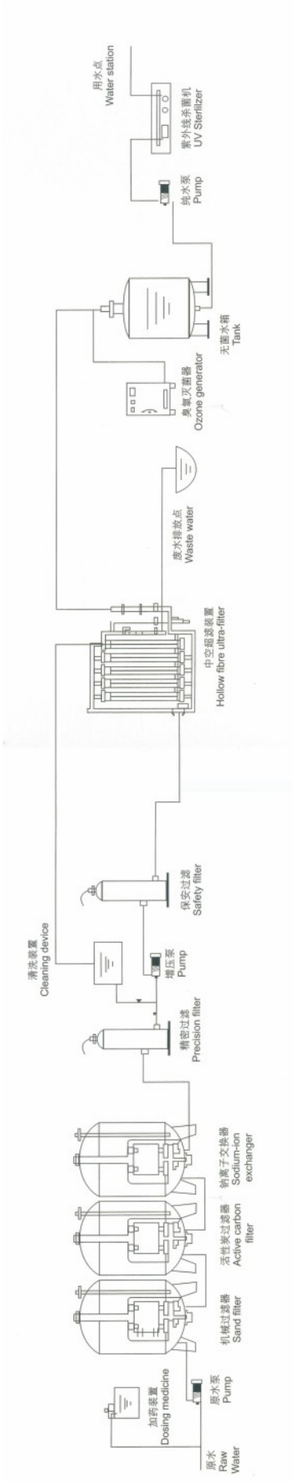


Ozone Generator

纯净水工艺流程图
Technological Flow Chart Of Pure Water Treatment System



矿泉水工艺流程图
Technological Flow Chart Of Mineral Water Treatment System



CGF系列 三合一水灌装机
CGF Series 3In1 Monoblock Water Filling Machine





Description 产品描述

This machine is mainly for washing, filling and sealing non-aerated carbon dioxide drink sush as mineral water, pure water, non-gas wine drink and so on. Its design is shorten the time for the drink material contact with outside, increase the sanitation condition throughout economy benefit.

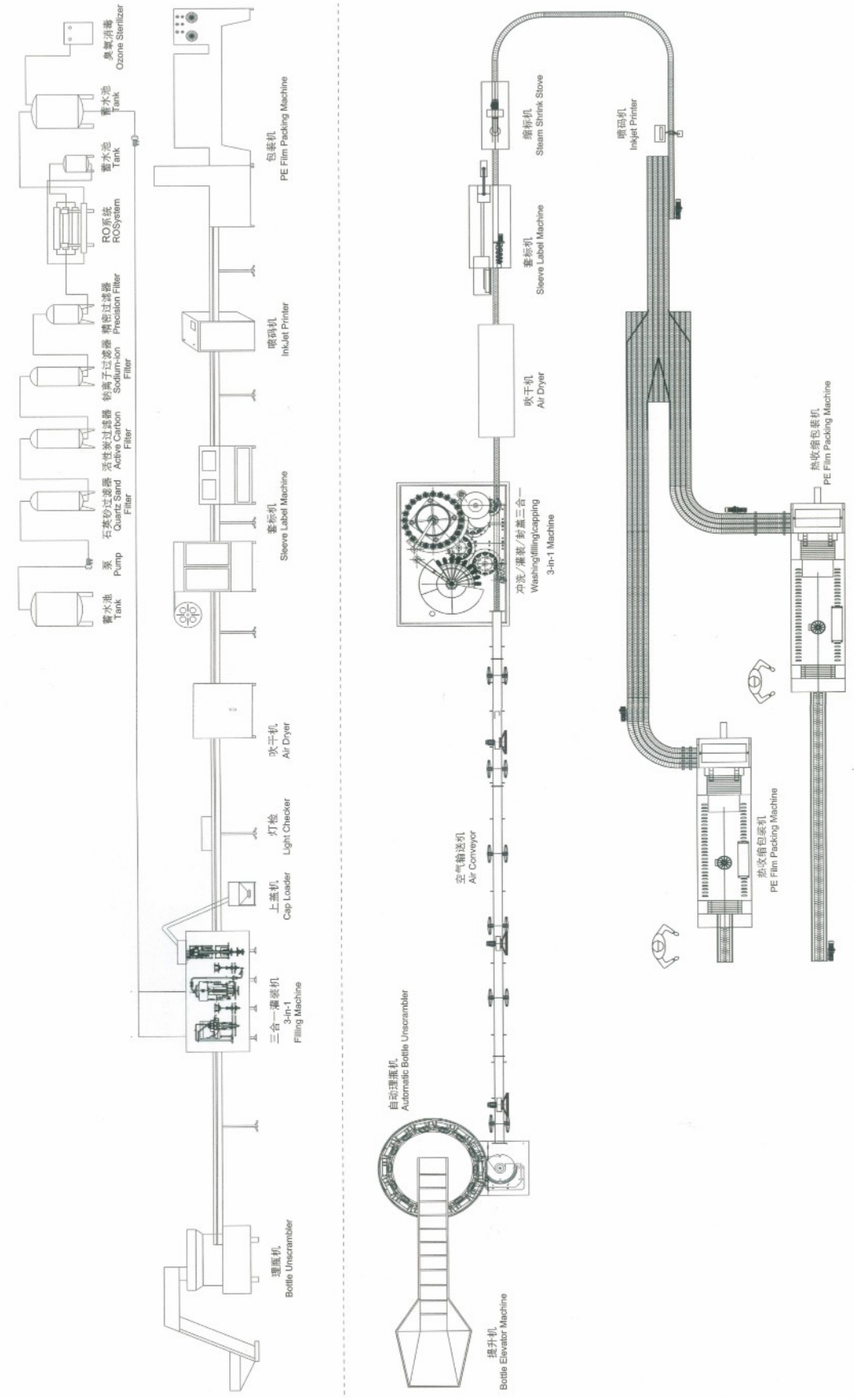
Features 性能及特点

It adopts hanging type conveying-bottle structure to make changing bottle model more convient ,faster and easier. The main machine adopts advanced PLC control technology and the key electric elements adopts international famous products.

Technical Parameter 技术参数

Model	CGF12/12/6	CGF16/16/6	CGF18/18/6	CGF24/24/8	CGF32/32/10	CGF40/40/12	CGF50/50/12
Capacity(500ml-BPH)	3000-4000	4000-6000	6000-8000	8000-12000	13000-15000	16000-18000	20000-240000
Suitable Bottle Size	Φ50-95mm, 330ml-1500ml			Φ50-105mm , 330-2250ml		Φ50-110mm, 330-2500ml	
Spraying Pressure(Mpa)	0.06-0.25						
Washing Medium	Aseptic Water						
Total Power (KW)	4.4	4.4	4.4	5.2	6.2	7.8	10
Overall Dimension (m)	2.5x1.88x2.3	2.6x1.9x2.3	2.8x2.15x2.3	3.1x2.45x2.3	3.88x2.88x2.5	4.1x3x2.5	4.5x3.3x2.35
Weight (KG)	3200	4000	4500	6500	7500	8500	9000

饮用水生产工艺流程图
Technological Flow Chart of Drinking Water Production Line



3加仑，5加仑桶装水生产线
3 Gallon, 5 Gallon Barrel Water Production Line

It is used for 3 Gallon, 5Gallon water production with optional capacity from 100BPH to 2000BPH. Customerized Service Includes automatic decapper, internal and external barrel scrubber, cap elevator and heat shrinker etc.





Linear Filler & Capper



Outer Washer



Rotary Filler& Capper





Automatic Labeling Machine



Automatic Bagging Machine



Automatic Palletizer

Automatic Decapper

Technical Parameter 技术参数

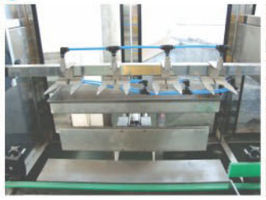
Model	QGF-100	QGF-250	QGF-300	QGF-450	QGF-600	QGF-900	QGF-1200
Filling Heads	1	2	2	3	4	6	12
Volume (Gallon)	3 & 5	3 & 5	3 & 5	3 & 5	3 & 5	3 & 5	3 & 5
Barrel Size(mm)	Φ270 x 490	Φ270 x 490	Φ270 x 490	Φ270 x 490	Φ270 x 490	Φ270 x 490	Φ270 x 490
Capacity(BPH)	100	250	300	450	600	900	1200
Gas Pressure (Mpa)	0.4-0.6	0.4-0.6	0.4-0.6	0.4-0.6	0.6	0.6	0.6
Gas Consumption(m^3/min)	0.37	0.37	0.6	0.8	1	1.5	1.8
Motor Power(KW)	1.38	1.75	3.8	3.8	7.5	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

3–10L 灌装机（冲洗、灌装、封口）
3-10L Bottle Washing,Filling, Capping Machine

For filling 3-10L bottles, there are linear(separate) and monoblock (3In1) types of machine for you to choose according to speific capacity requirement. They are mainly used for the filling of 3-10L bottled water, alcohol drinks, oil etc.

Linear Type 直线式









Rotary Type (3In1) 旋转式















经济型瓶装水灌装机
Economy Type Water Washing Filling Capping Machine

This production line includes automatic washer, automatic filler and automatic capper as well as belt conveyor etc.









DCGF系列等压灌装机
DCGF Series 3In1 Monoblock Carbonated Drink Filling Machine









Description 产品描述

The DCGF series equipment integrates bottle washing,filling and capping into one monoblock. It is used in the filling of cola, sprite and other carbonated beverage. It is equipped with CO2 accuracy pressure control, so that the liquid level is always stable .The application of alarm devices for bottle jam, bottle shortage , bottle damage, cap shorage ,over loading etc in several plaes ensure the quality of its production . And it is of high reliability, high efficiency, high grade of automation and easy operation etc.

Technical Parameter 技术参数

Model	DCGF14/12/4	DCGF18/18/6	DCGF24/24/8	DCGF32/32/12	DCGF40/40/12	DCGF50/50/15
Capacity(500ml-BPH)	2000-3000	3000-5000	5000-7000	8000-10000	10000-15000	16000-20000
Suitable Bottle Size	Φ50-115mm, H160-320mm					
Filling Pressure(Mpa)	≤0.4					
Filling Precision	≤+5mm（Liquid Level）					
Total Power (KW)	4.4	5.2	6.2	7.5	11	15
Overall Dimension (m)	2.25x1.65x2.3	2.6x1.96x2.3	2.98x2.2x2.3	4x2.25x2.5	5.5x3.5x2.5	6.5x5.5x2.5
Weight (KG)	2500	3500	4500	6000	7200	10000

碳酸饮料辅机
Auxiliary Machines for Carbonated Beverage

For carbonated drinks, the mixing & pre-blending system and downstream packaging system are very important to the quality of carbonated drinks. It mainly includes beverage mixer, blending system and downstream packaging system. At the temperature of 3.5-4℃, the CO2 can dissolve into water adequately. After filling process, the temperature of filled carbonated drink should be warmed to room temperarure for the next packaging.



Carbonated Beverage Mixer



Bottle Warmer



Water Cooling Unit



Syrup Filters



CO2 Filter



Syrup Cooler

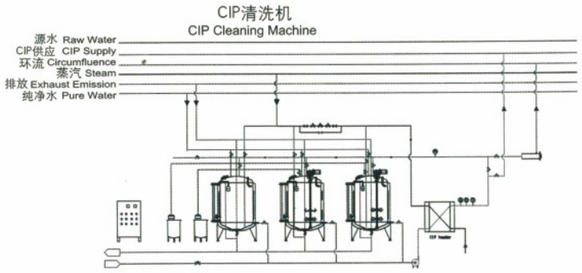


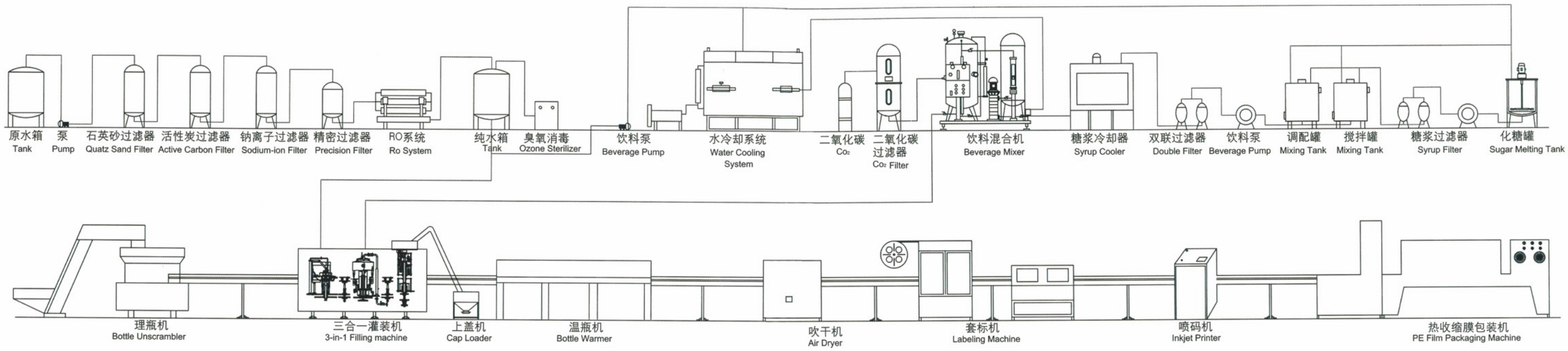
Blending Tank

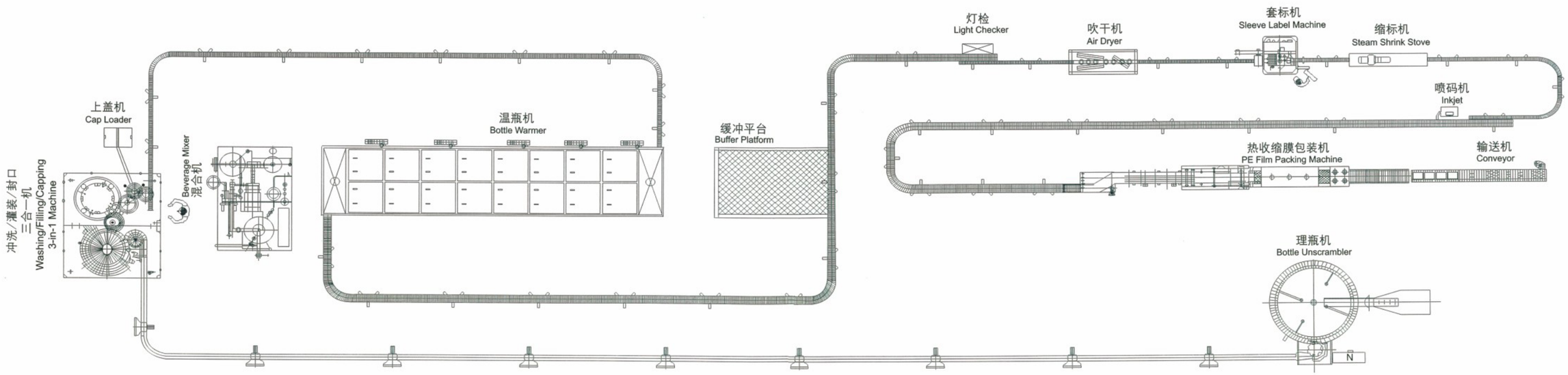


Sugar Melting Pot

碳酸饮料生产线工艺流程图
Technological Flow Chart of Carbonated Drink Production Line







热灌装生产线
Juice / Tea Hot Filling Machine









Description 产品描述

The RCGF series of machine integrates washing, filling, capping into one unit, it is applied to fill hot fruit juice, tea and other beverage into thermal proof PET bottle by changing few parts. This equipment can realize the asepsis filling as it equipped with constant temperature controlling system.



Technical Parameter 技术参数

Model	RCGF16/16/6	RCGF18/18/6	RCGF24/24/8	RCGF32/32/12	RCGF40/40/12	RCGF50/50/15
Capacity(500ml-BPH)	3000	5000	8000	12000	15000	18000
Suitable Bottle Size	Φ50-115mm, H160-320mm					
Filling Pressure(Mpa)	0.15-0.35					
Filling Temperature	80-95 °C					
Filling Precision	≤+5mm					
Total Power (KW)	3.5	3.8	4.5	5.5	7.6	9.6
Overall Dimension (m)	2.4x1..67x2.35	2.4x1.97x2.3	2.86x2.17x2.3	3.7x2.57x2.35	3.8x2.95x2.4	4.5x3.4x2.4
Weight (KG)	3000	4500	6500	7500	8500	9500

热灌装饮料辅机
Auxiliary Machines for Hot Filled Beverage


Dissolved System


Inverted Sterilizer


Plate UHT Sterilizer


Blending System


Vacuum Deaerator


Pipe UHT Sterilizer


Pasteurized Tunnel


C.I.P System

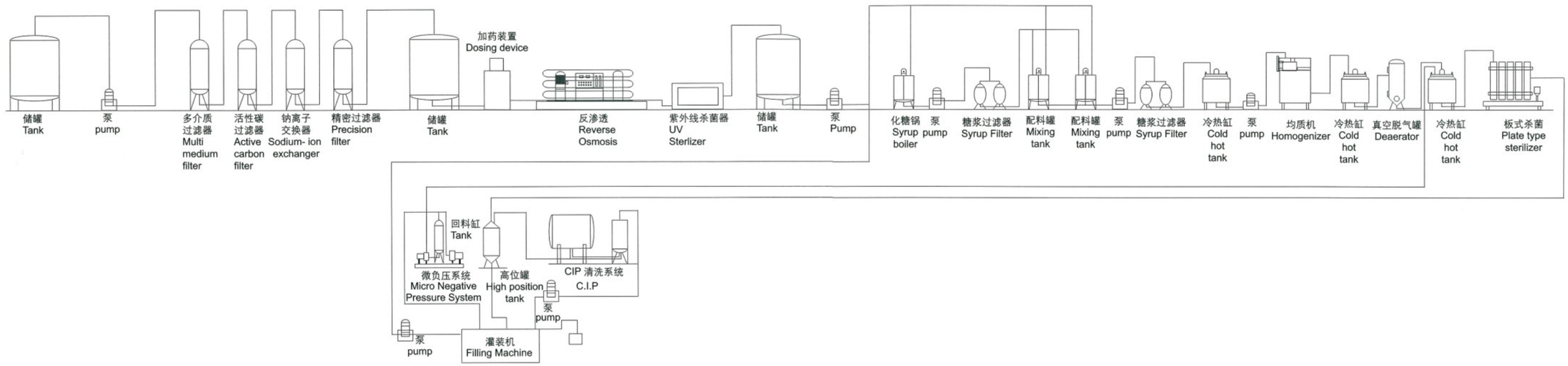

UHT Instantaneous Sterilizer

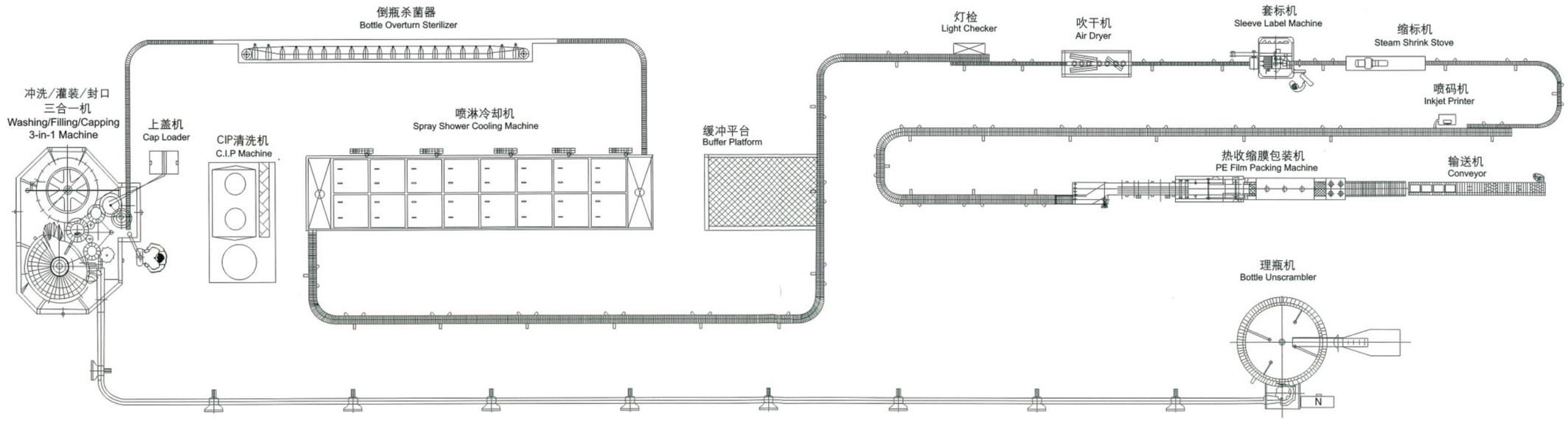

Tea Extraction System


High Speed Emulsfication Tank


High Pressure Homogenizer

果汁、茶、热灌装饮料生产线工艺流程图
Technological Flow Chart of Juice and Tea Production Line





酒类灌装
Red Wine / Vodka Glass Bottle Filling Machine

It is used for filling and sealing various kinds of glass bottles with crown type of bottle mouth for vodka, whisky ,grape wine, non-carbonated alcoholic drinks filling production line. The machine adopts the advanced international technology. The design is scientific and reasonable,apprearance is beautiful , operation and maintenance are convenient , and it is of high degree of automation.



Technical Parameter 技术参数

Model	BCGF16/12/6	BCGF18/18/6	BCGF24/24/8	BCGF32/32/10
Washing Heads	16	18	24	32
Filling Heads	12	18	24	32
Capping Heads	6	6	8	10
Production Capacity (BPH)	3000-4000	5000-6000	6000-8000	8000-10000
Power of Main Motor(KW)	3	3.8	5.5	7.5

啤酒灌装机
Beer Filling Machine





It is used for filling and sealing various kind of glass bottle with crown type bottle cap for beer filling production line. Its design scientific and reasonable,aprearance is beautiful, operation and maintenance is convenient. It is high degree of automatization, so it is the good machine for middle and small beer manufacture.

Technical Parameter 技术参数

Model	BGF12/6	BGF18/6	BGF24/8	BGF32/10
Production Capacity (500ml-BPH)	1000-2000	2000-3000	4000-5000	6000-8000
Total Power(KW)	1.5	1.5	3.75	5.6
Overall Dimension(mm)	1700x1100x2300	1830x1320x2300	1950x1580x2500	2100x1850x2500
Weight (KG)	2000	2400	3000	3500

食用油灌装机
Automatic Oil Filling Machine

There are two types of oil filling machine (lienar type and rotary type). It is widely applied in plant oil ,chemical liquid and daily chemical industry. It is simple and rapid for changing the varieties with unique design and superior capability. Vacumm anti-droping device ensure no leaking situation in production.







2In1 Monoblock Type

袋装液体（水，醋）灌装机
Sachet (Water, Vinegar) Filling Sealing Machine



SJ1000



SJ-ZF1000



SJ-Y1000





各种封盖机
Capping Machine

We supply different types of capping machines, which are applicable for various plastic caps, aluminum screw caps, ultrahigh alumunum caps, crown caps, sport caps ,cork and other special caps.





理瓶机
Bottle Unscrambler



Semiautomatic Bottle Unscrambler



Automatic Bottle Unscrambler

全自动套标机
Automatic Sleeve Labeling Machine








热熔胶贴标机
OPP Hot Melt Glue Labeling Machine







自动不干胶贴标机
Automatic Self-adhesive Labeling Machine



全自动热收缩膜包机
Automatic Shrink Film Wrapping Machine




高速膜包机
High Speed Wrapping Machine



裹包式装箱机
Wrap Around Caser



吹瓶机
Bottle Blowing Machine



Auto bottle blowing machine



semi auto bottle blowing machine -5gallon



semi auto bottle blowing machine -small bottle



semi auto bottle blowing machine -small bottle

码垛机
Palletizer







开箱装箱封箱机
Carton packaging machine system



Automatic Case erector



Automatic Case Packer







Automatic carton sealer