



江苏美成机械有限公司

JIANGSU MESURE MACHINERY CO.LTD.

地址：中国江苏省张家港市鹿苑经济开发区

E-mail: scott.katsu@QQ.com

手机/微信: 137 3916 0466

Address: Luyuan Town, Zhangjiagang City, Jiangsu Province, China

E-mail: scott.katsu@QQ.com

Mobile / Wechat / Whatsapp / Viber: +86-137 3916 0466

www.measuremachinery.com

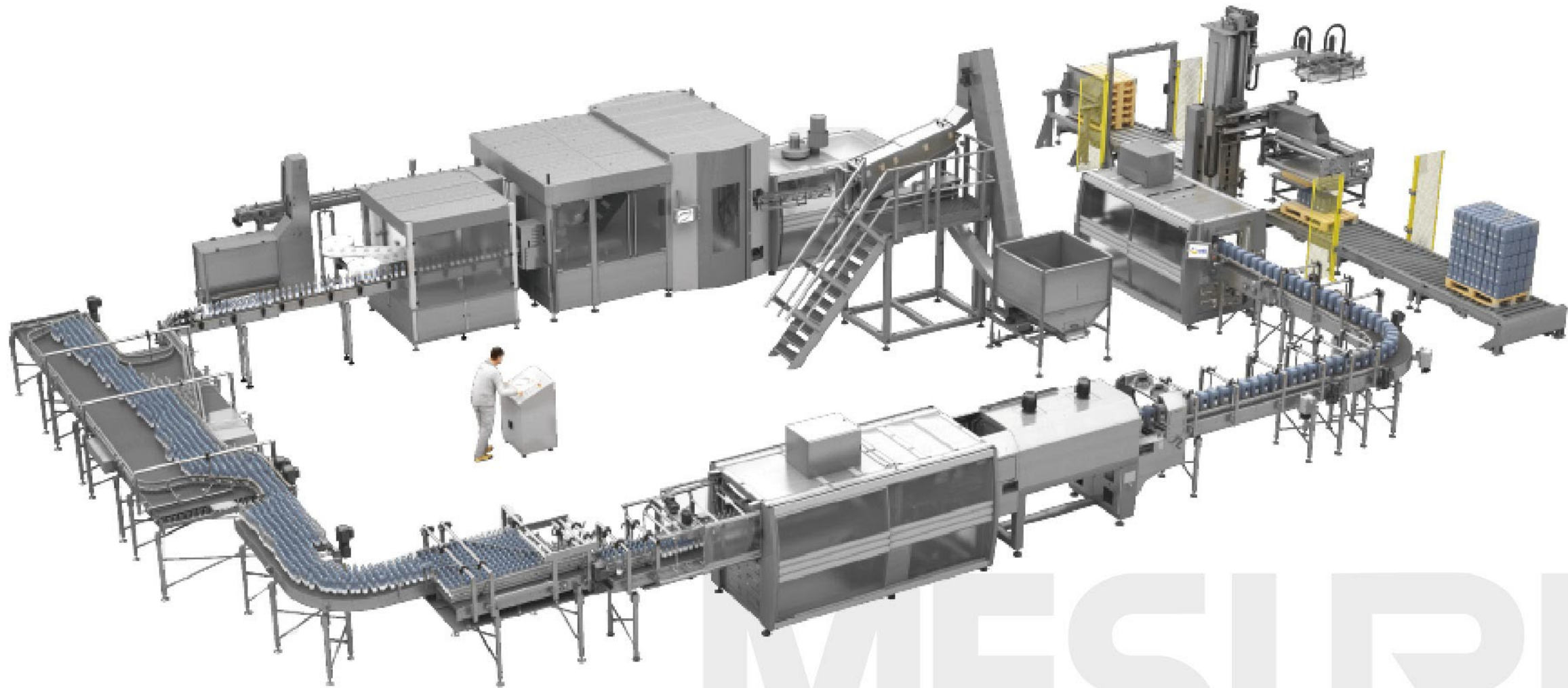


Website Mobile Station



Provide Turn-Key Solution for
Water, Beverage and Dairy Drink

**提供饮用水/饮料/乳饮料生产线
全面解决方案**



MESURE MACHINERY

PRODUCT CATEGORY

产品范畴

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COMPANY INTRODUCTION

企业简介

江苏美成机械有限公司坐落在江苏省张家港市鹿苑工业区内,是一家从事饮用水、果汁、含气饮料、乳品饮料以及酒行业整厂生产线设计、制造、安装、调试及培训为一体的专业化公司。公司拥有多名专业从事饮用水、果汁、含气饮料、乳品饮料以及酒行业生产现场管理经验的员工,能为客户提供从生产线设计到配方指导以及生产现场管理等多种服务。

作为一家致力于发展饮用水、果汁、含气饮料、乳品饮料以及酒行业整厂生产设备的企业,美成机械始终坚持走专业化的道路,与世界许多先进饮用水、果汁、含气饮料、乳品饮料以及酒行业生产企业合作交流,通过吸收与改良,力争生产出国内同行领先的饮用水、果汁、含气饮料、乳品饮料以及酒行业的整厂生产设备。

“合作之友,精诚为本”是美成机械企业发展的指引方针。用一流的产品品质,一流的服务,与客户共同发展。

Jiangsu MESURE machinery Co., Ltd is located in Luyuan industrial zone, Zhangjiagang City, Jiangsu Province. It is a professional company engaging in designing, manufacturing, installation, commissioning and training of drinking water, juice, carbonated soft drink, dairy drink and alcohol industry. With many professional employees experienced in the production management of drinking water, juice, carbonated soft drink, dairy drink and wine alcohol, Jiangsu MESURE machinery can provide various services covering production line designing, beverage formula guidance and last product production field management, etc.

As a manufacturing factory committing to developing TURN-KEY solution for the production of drinking water, juice, carbonated soft drink, dairy drink and alcohol industry, Jiangsu MESURE machinery always insists on taking the road of professionalism, and also by cooperating with many world's advanced manufacturers of drinking water, juice, carbonated soft drink, dairy drink and alcohol customer company, Jiangsu MESURE machinery strive to produce best level of whole plant production machines for drinking water, juice, carbonated soft drink, dairy drink and alcohol industry through absorption and improvement.

Jiangsu MESURE machinery keeps the guideline of 'Sincere Cooperation'. We always develop good partnership with our customers, and we will serve our customers with first class product quality and best service.

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WHOLE PLANT DESIGN

整厂设计方案

作为饮料设备供应商,除了质量、性能、价格,我们更专注于“交付”。

美成机械致力于成为饮料生产商的战略合作伙伴,通过专业的设备解决方案,帮您打造技术领先、性能卓越且最具效率的包装设备生产线。

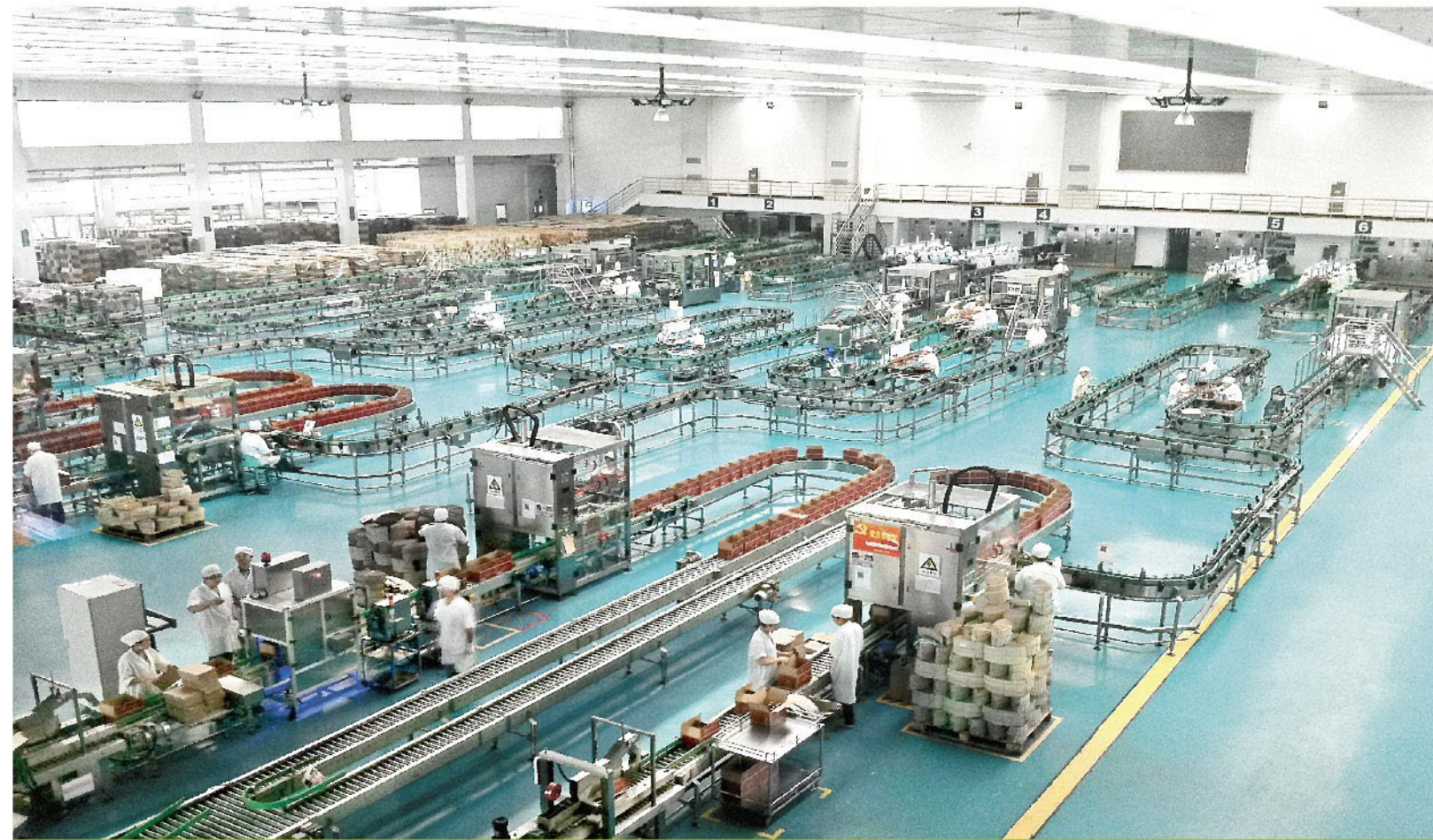
As a beverage equipment supplier, except the quality, performance and price, we focus more on the "delivery".
MESURE machinery is committed to be a strategic partner of the beverage manufacturers. We'd like to help you build leading technology, excellent performance and most efficient production line with our professional equipment solutions.

适用范围

我们的包装方案涵盖了PET瓶、玻璃瓶、易拉罐这三种常见的饮料包装形式,且均具备完整的生产线配套能力。

无论您的产品是瓶装水、碳酸饮料、茶/果汁、含乳饮料或是酒,我们都可以帮您实现完美的包装。

Our packaging solutions cover three common forms of beverage package like PET bottles, glass bottles and cans, and we have complete production line supporting capability.
No matter whether it is bottled water, carbonated soft drinks, tea / juice, milk drinks, wine, we can help you achieve the perfect packaging.



1 产品方案 Product solution

为您的产品和市场定位提供咨询意见;为您的产品包装形式、产能规模、投资规划提供专业评估建议。

We will give you advice according to your product features and market position; we will provide professional evaluation for your product packaging forms, production capacity and investment plan.

2 工艺路线及设备选型 Technical flowchart and equipment selection

帮您选择最佳工艺路线,评估风险与收益;提供最佳的单机设备选型及外围辅助设备选型,寻求最优化的整线设备匹配,助您获得最佳投资回报率。

We will help you choose the best technical flowchart, assess the risks and benefits, provide the best single equipment and auxiliary equipment selection, seek the optimum match of the whole line equipment, and get the best return investment rate.

3 工程设计和安装 Engineering design and installation

整厂工程设计理念,通过众多用户积累的工程经验;优秀的设计工程师团队,专业高效且久经考验的工程安装队伍。

Whole plant engineering design concept, accumulated engineering experience; excellent engineering design team, professional, efficient, and long tested installation team.

4 培训及服务 Training and after-sale service

通过专业培训,帮助您的设备人员提升技能,确保其正确地操作和维护设备。充足的备件供应,迅速响应的售后服务。

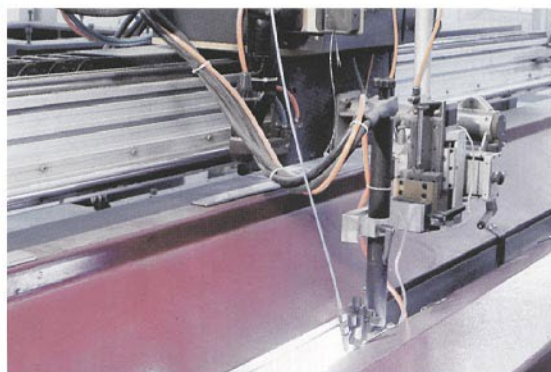
Through professional training, help your equipment staff upgrade their skills, to ensure the proper operation and maintenance. Adequate supply of spare parts, and rapid response after-sales service.

FIRST-CLASS MANUFACTURING EQUIPMENT

一流的加工制造设备

先进的生产设备,精良的流水制作,尽显一流品质,技术专家直接参与生产,保证产品的稳定和可靠万无一失。与日俱增的精品意识和源源不断的工业精品令世界机械制造业日新月异。无论世界如何变化,精益求精的精神永远不变。

Advanced production equipment and excellent production lines both show first-class quality. Technical experts' directly involved in the Production gurantee stable and reliable products. The increasing sense of superiority and endless supply of high-quality machines are changing the world. No matter how it changes, meicheng industry's spirit of seeking perfection will never change.



超滤系统 Ultra filtration system



反渗透系统 Reverse osmosis system



全套水处理系统 Complete Water Treatment System



WATER TREATMENT SYSTEM

水处理系统

水是构成饮料内容物的最大组分,好水才能做出好饮料。除了产品本身,饮料生产线还需用到工艺水,如清洗水和冷却水。无论瓶装水、饮料产品水或工艺水,均是原水经过处理后获得。典型的水处理系统包括预处理(砂滤、炭滤、精滤)、膜分离(反渗透/超滤/纳滤)、消毒灭菌(臭氧或紫外线)三个部分。您提供水源,我们总能找到最佳的净化处理方案。

Water is the main content of the beverage, good water to make good drinks. Except the product itself, the beverage production line needs to use the technical water, such as washing water and cooling water. No matter it's bottled water, beverage product water and technical water, all are from treated raw water. Typical water treatment systems include pretreatment (sand filter, carbon filter, fine filter), membrane separation (reverse osmosis / ultra filtration / nano filtration) and disinfection sterilization (ozone or ultraviolet). You provide water source and we can always find the best purification solution.

DAIRY AND BEVERAGE PREPARATION SYSTEM

乳品和饮料调配系统



溶糖系统 Sugar Melting



调配系统 Mixing System



脱气系统 Dagasser



均质系统 Homogenizer



混合机 CO₂ Mixer



清洗系统 CIP System



整厂调配工程
Turn-key Project



板式超高温杀菌机
Plate Type UHT/Pasteurizer



管式超高温瞬时灭菌机组
Tubular Type UHT/Pasteurizer

Sterilization and Engineering Project

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

控制方法:半自动、全自动(PLC控制,触摸屏显示)。

This machine adopts UHT processing method, makes the liquid dairy beverage and juice etc strictly sterilized, then into aseptic package, with the sterilization temperature:137°C, warm deeping time:3-5s, so to keep the original nutrition, colour and flavour of the beverage and dairy, This machine is of the advantages of high heat recycle, compact and fine structure, and temperature control. Outputting material temperature, and cool package.

Capacity: semi-automatic, full automatic (PLC controlling, touch screen).



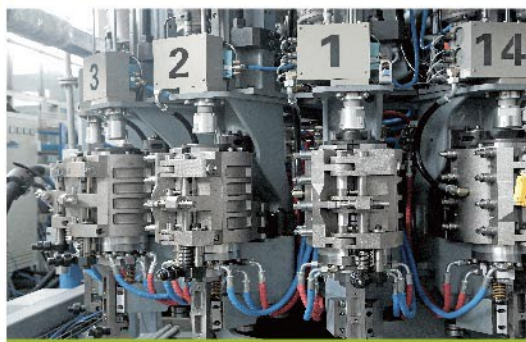
UHT管式杀菌机
UHT Sterilizer

ROTARY BLOW MOLDING SYSTEM

旋转式吹瓶系统

吹瓶机先加热PET瓶胚，然后在模具内用压缩空气将之拉伸吹塑成型。配合饮料生产线高速化的发展趋势，全自动旋转式吹瓶机渐成主流，被大中型饮料厂广泛使用。吹瓶机组由上料理胚机、加温机、旋转式吹瓶主机和电气控制系统组成。旋吹机因其高产能、高效率成为中高速线的首选，中低速线及多瓶型生产线则还有直线式吹瓶机可选。

The blowing machine heats PET performs first and then stretch blow mold with the compressed air. With the development of beverage production line speed, fully automatic rotary blowing machine becomes the main trend, which is widely used by large and medium-sized beverage plants. Blowing machine consists of preform sorter, heating machine, rotary blow molding host, and electrical control systems. With the high productivity and high efficiency, rotary blow molding machine becomes the first choice of the middle, high speed production line, while the linear blow molding machine is chosen in the middle and low-speed production line.



产量 capacity : 12,000BPH - 52,000BPH

LINEAR BLOW MOLDING SYSTEM

直线式吹瓶系统



产量 capacity : 1,500BPH - 18,000BPH

优异吹瓶效果 Quality Bottle

伺服电机驱动合模，保证完美无痕的瓶身合模线。精确的双轴向均匀加热，确保瓶身厚度均匀，实现轻量化吹瓶目的。

Servo driven clamping, contribute invisible bottle parting line. Machine handles items by the neck only until bottle is blown. Precise longitudinal heating profile and perfect homogeneity of circumferential temperature result in an even material thickness that guarantees superior bottle appearance and makes it possible to reduce bottle weight.

低能耗 Low Energy Consumption

全自动系统，显著减少低压空气消耗。专利设计变中心距系统，烘箱长度比定中心距系统短55%以上，节能效果明显。

Fully electrical operational system reduces low-pressure air consumption, guarantees the maximum energy savings. Patent designed pitch change-over system ensure 50.8mm spindles pitch inside heating oven, which reduce 55% of heating tunnels' length comparing with constant pitch machine for significant heat energy saving.



ROTARY BLOWING-FILLING-CAPPING COMBI MACHINE

旋转式吹灌旋一体机

产品范围: 饮用水、含气饮料、果汁、茶和其他饮料用的PET瓶。

灌装定量方法: 接触式机械阀、非接触式电子流量计。

生产力: 12,000瓶/小时- 48,000瓶/小时

吹灌旋三合一技术特性:

1. 高速和高精度灌装阀 (接触式机械阀、非接触式电子流量计)
2. 吹瓶和灌装区域机械分离式设计以及正压空气分区
3. 反盖和剔除系统
4. 星轮驱动轴装有扭矩限制器来保护设备安全运行
5. 加热瓶坯节能设计
6. 离子消除静电, 真空除尘
7. 气缸拉伸和密封无油润滑
8. PET模具部门, 专精于瓶型的设计



名称 Name	瓶型容量 Bottle type capacity	产能范围 Productivity range
饮用水灌装 Filling of drinking water	0.5 ~ 2L	12,000 ~ 48,000BPH
	5L	4,000BPH、6,000BPH
	15L	1,500BPH、3,000BPH
碳酸饮料灌装 Carbonated beverage filling	0.5 ~ 2L	5,000 ~ 36,000BPH
热灌装 Hot filling	0.5 ~ 1.5L	5,000 ~ 36,000BPH
超洁净灌装 Ultra-Clean Filling	0.5 ~ 1.5L	12,000 ~ 36,000BPH
无菌冷灌装 Aseptic cold filling	0.5 ~ 1.5L	12,000 ~ 36,000BPH



Product scope:

PET bottles for drinking water, carbonated drinks, fruit juice, tea and other beverages.

Filling quantitative method:

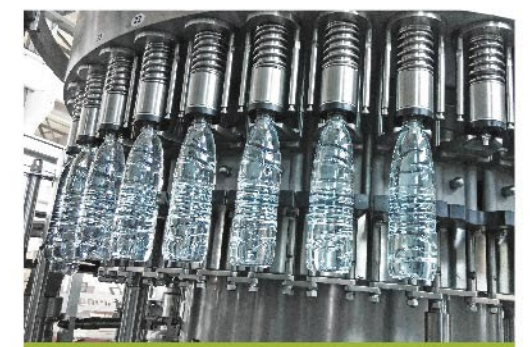
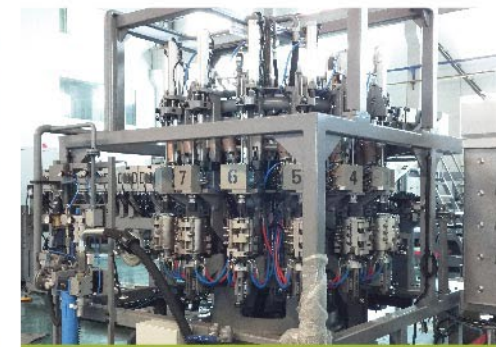
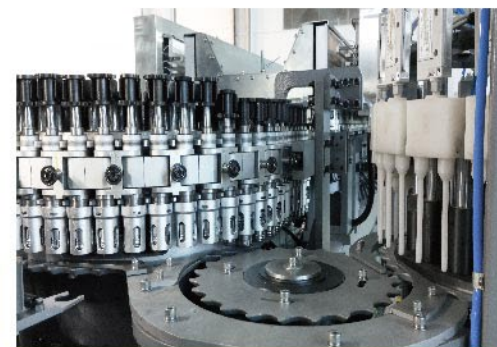
Mechanical contact type, electronic non-contact flow meter type.

Production capacity:

12,000 bottles/hour~48,000 bottles/hour

Blowing-filling-capping Combi-block technical characteristics:

1. High speed and high precision filling valve(mechanical valve, electronic valve optional)
2. Mechanical separation design of blowing and filling areas, positive pressure air partition
3. Standard configuration cap reverse automatic identification rejection system
4. Wheel drive shaft is equipped with torque limiter to protect the equipment running safely
5. Perform heating energy-saving design
6. Ion wind to eliminated static, vacuum dust removal
7. Cylinder stretching and sealing no oil mist lubrication
8. PET mold division, specializing in bottle type design



LINEAR BLOWING-FILLING-CAPPING COMBI MACHINE

直线式吹灌旋一体机

性能与优势

1. PET瓶吹灌旋控制技术集成与同步
2. 高速瓶坯加热系统设计和节能控制技术的优化
3. 高速吹瓶系统微型化和模具设计技术的优化
4. 合理的凸轮曲线设计, 以提高吹瓶的质量和稳定性
5. 高速准确的灌装速度控制和精确的液位控制技术
6. 高速旋转密封同步控制技术
7. PET瓶吹灌旋快速图像识别和质量检测技术
8. 节能降噪技术
10. 节约空间与水

产品范围: 饮用水、含气饮料、果汁、茶和其他饮料用的PET瓶。

灌装定量方法: 接触式机械阀、非接触式电子流量计。

生产力: 6,000瓶/小时-18,000瓶/小时

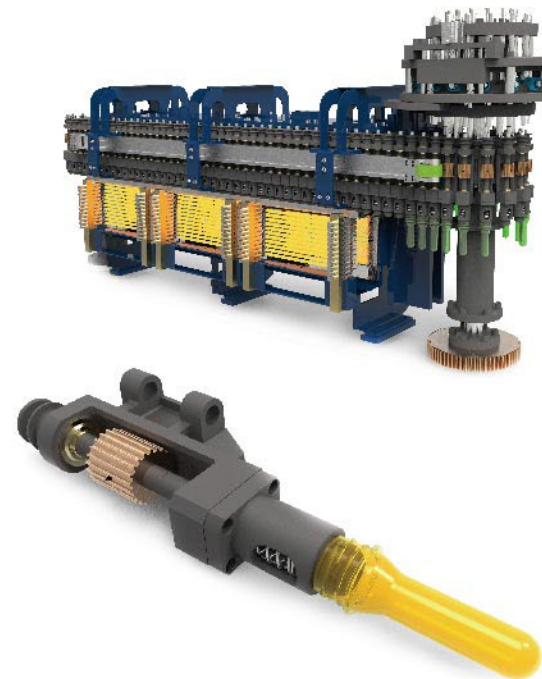
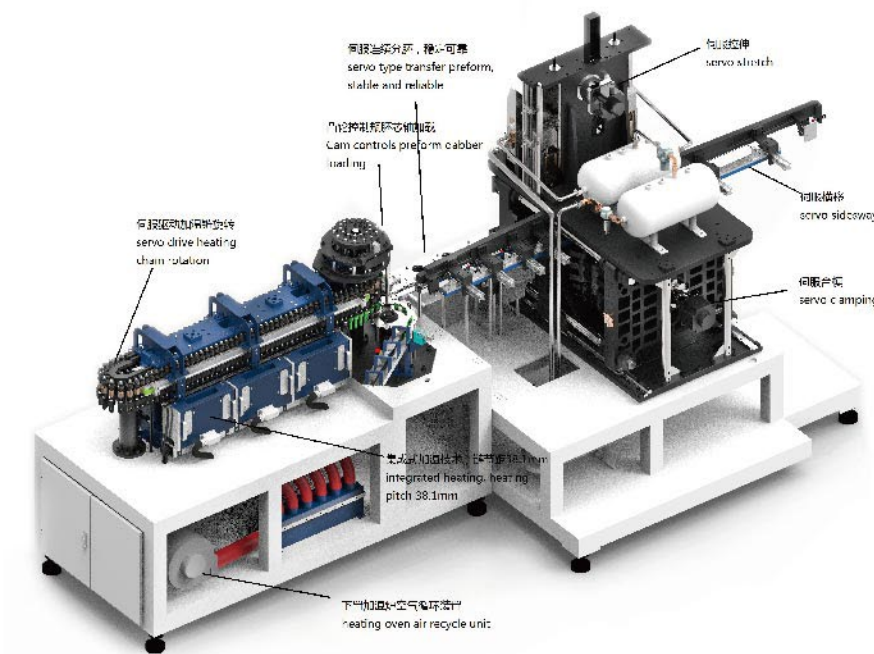


Product scope:

PET bottles for drinking water, carbonated drinks, fruit juice, tea and other beverages.

Filling quantitative method: Mechanical contact type, electronic non-contact type.

Production capacity: 6,000 bottles/hour~18,000 bottles/hour



Performance and Advantage:

1. PET bottle blowing rotary filling control technology integration, and synchronization;
2. High-speed preform heating system design and optimization of energy-saving control technology;
3. High-speed blow molding system miniaturization and optimization of mold design technology;
4. Reasonable cam curve design in order to improve the quality and stability of the blowing;
5. High speed and accurate filling speed control and precise level control technology;
6. High-speed rotary seal synchronous control technology;
7. PET bottle blowing rotary filling fast image recognition quality detection technology;
8. Energy saving and noise reduction technology;
9. Space and water saving;



PET BOTTLE FILLING LINE

PET 灌装线

无论您生产何种产品,采用何种包装形式,我们总能帮您找到最佳灌装解决方案。

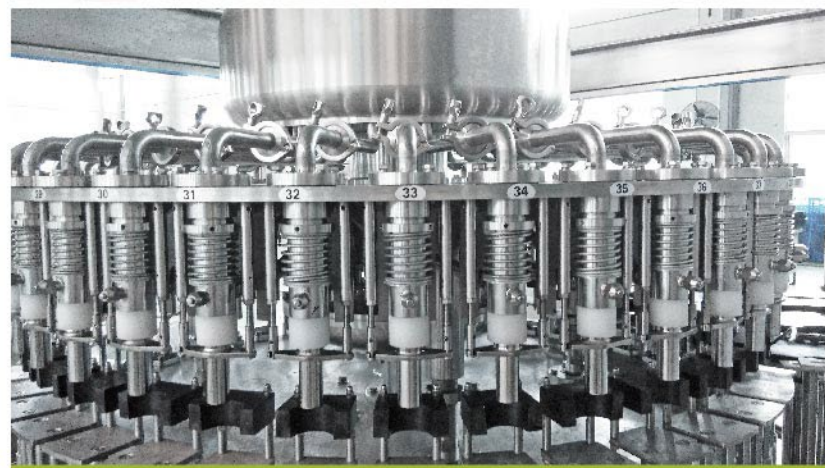
No matter what product you produce, what forms of packaging you adopt, we can always help you find the best filling solutions.



产品型号 Product Model	产能 Production Capacity	灌装物料 Products	适用瓶型 Applicable Bottles
瓶装水灌装机 Water filling machine	3,000-48,000瓶/时 3,000-48,000BPH	纯净水、矿泉水、饮用水等 Purified water, mineral water, drinking water ,etc.	PET瓶 PET bottle
热灌装机 Hot filling machine	3,000-48,000瓶/时 3,000-48,000BPH	茶、果汁、功能饮料、乳饮料等 Tea, Juice, Energy Drink, Dairy Drink, etc.	PET瓶 PP瓶 PE瓶 PET bottle / PP bottle / PE bottle
中温灌装机 Mid-temperature filling machine			
含汽灌装机 Carbonated soft drink filling machine	3,000-40,000瓶/时 3,000-40,000BPH	碳酸饮料、含汽饮料等 Carbonated soft drinks, etc.	PET瓶 PET bottle
啤酒灌装机 Beer filling machine	3,000-40,000瓶/时 3,000-40,000BPH	啤酒 Beer	PET瓶 PET bottle

GLASS BOTTLE FILLING LINE

玻璃瓶线



可满足压盖(皇冠盖)、易拉盖、旋盖(铝盖)、搓盖(铁盖)、拧盖(塑料盖)等不同封盖方式的灌装,可应用于水、含汽饮料、果汁、功能饮料、啤酒、黄酒等产品的生产。

It can meet the filling requirements with different sealing caps such as crown cap, pop can cap, aluminum cap, twist cap (iron cap), screw cap(plastic cap), which is applied to water, carbonated soft drinks, juice, energy drinks, beer, rice wine and other products.

整线包括以下可选设备:卸垛机、冲瓶机、洗瓶机、洗灌封三合一机、灌封二合一机、倒瓶机、冷(温)瓶机、喷码机、贴标机、装箱机等。

The entire line includes the following optional equipment: depalletizer, rinser, bottle washer, rinsing/filling/capping 3-in-1 monoblock, filling-capping 2-in-1 monoblock, bottle (cooler)warmer, inkjet printer, labeling machine, packaging machine and etc..

CAN FILLING LINE

易拉罐线

可满足三片罐、两片罐(铝管、马口铁、PET)易拉罐的灌装要求,可用于水、含汽饮料、啤酒、植物饮料、蛋白饮料、咖啡饮料、果汁等产品的生产。

It can meet the requirements of three-piece can, two-piece can (aluminium can, tinplate, PET), which is applied to water, carbonated soft drink, beer, protein drinks, coffee drinks, fruit juice and etc..



整线包括以下可选设备:卸垛机、冲罐机、灌装封口二合一机、翻罐器、冷(温)罐机、巴氏杀菌机、杀菌釜、装卸笼机、液位检测(称重检测)、真空检测机、喷码机、包装机等。

The entire line includes the following optional equipment: depalletizer, can rinser, filler/seamer monoblock, turning device, can cooling(warming) machine, pasteurizer, autoclave sterilizer, cage loading and unloading machine, liquid level inspection (weighing inspection), vacuum testing machine, inkjet printer, packaging machine and etc.



JUICE WITH FRUIT PIECE FILLING LINE

果肉灌装线

可满足PET瓶、易拉罐、玻璃瓶的带有颗粒和纤维的果汁灌装，
产量3,000BPH – 30,000BPH

Piston Juice filling Machine can meet PET bottle, Aluminum CAN, Glass bottle packaging
with Fiber and Pulp, Capacity 3,000BPH – 30,000BPH



CONDIMENT AND EDIBLE OIL FILLING LINE

调味品和食用油灌装

产量: 6,000-36,000BPH;

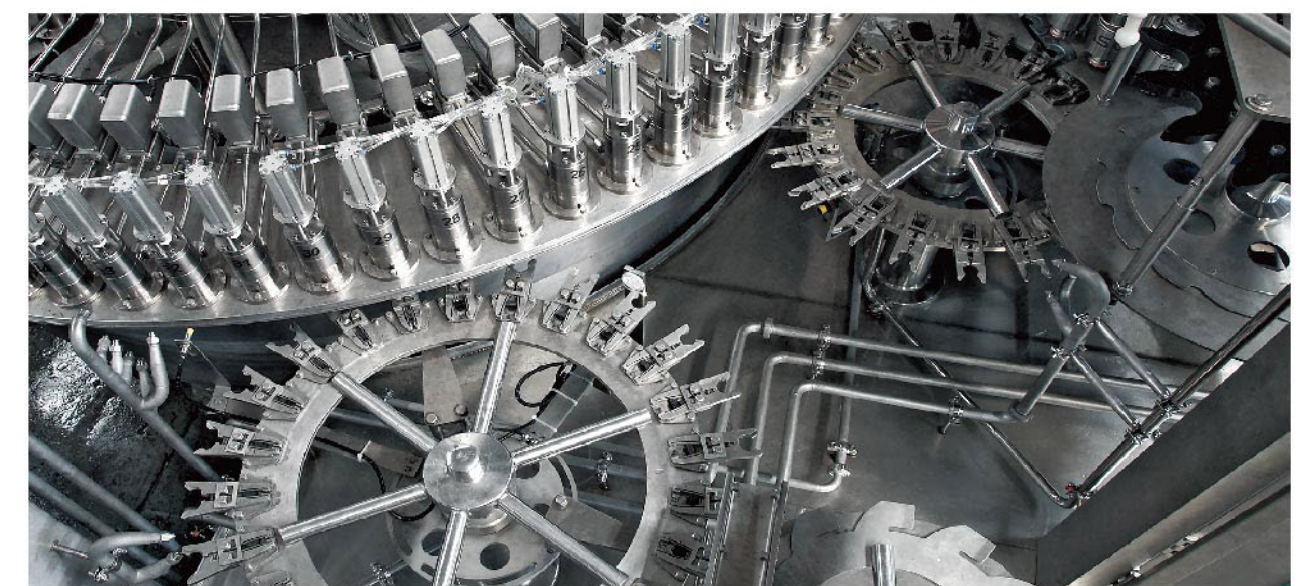
灌装物料: 料酒、酱油、醋、蚝油、香油等;

适用瓶型: PET瓶、PE瓶、玻璃瓶。

Flavors Filling Machine: Speed: 6,000-36,000BPH;

Products: Rice Wine, Soy Source, Vinegar, Oyster Sauce, Sesame Oil etc.

Applicable Bottles: PET Bottle, PE Bottle, Glass Bottle



5 GALLON WATER FILLING LINE

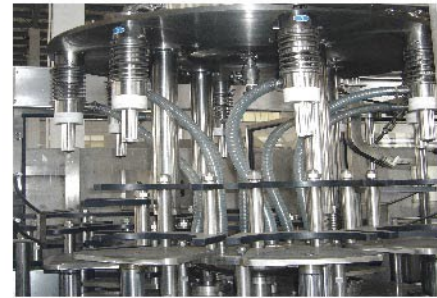
5加仑大桶水线

集冲洗、灌装、封盖于一体，适用于3加仑、5加仑桶装纯净水、矿泉水的生产，整线生产能力从每小时150到2,000瓶。

整线包括以下可选设备：拔盖机、检漏机、刷桶清洗机、自动上桶机构、洗桶/灌装/封盖三合一机、桶口热缩机、提桶套膜机、大桶码垛机等。

It consists of washing, filling and capping, which is applied to the production of 3 or 5 gallon purified water and mineral water. The capacity can meet different production requirements from 150 to 2,000 BPH.

The entire line includes the following optional equipment: Cap pulling machine, leak detection machine, brushing machine, automatic barrel loading device, washing / filling / capping three-in-one machine, barrel neck thermal machine, bagging machine, palletizer and etc.



产品型号 Product Model	产能 Production Capacity	灌装物料 Products	适用瓶型 Applicable Bottles
桶装水灌装机 Barrel filling machine	150-2,000桶/时 Barrel: 150-2,000 BPH	纯净水、矿泉水、饮用水等 Purified water, mineral water, drinking water, etc.	3加仑、5加仑 3 gallon, 5 gallon

BIG BOTTLE WATER FILLING LINE

大瓶水线

集冲洗、灌装、封盖于一体，适用于3L、5L瓶装纯净水、矿泉水的生产，整线生产能力从每小时600到3,000瓶。

It consists of washing, filling and capping, which is applied to the production of 3L or 5L purified water and mineral water. The capacity can meet different production requirements from 600 to 3,000 BPH.



产品型号 Product Model	产能 Production Capacity	灌装物料 Products	适用瓶型 Applicable Bottles
大瓶水灌装机 Big bottle water filling machine	600-3,000瓶/时 600-3,000 BPH	纯净水、矿泉水、饮用水等 Purified water, mineral water, drinking water, etc.	4L、5L、10L

AIR CONVEYOR SYSTEM 风送系统

全自动风送 Automatic air conveyor

输瓶风送是将吹瓶机吹出来的空瓶依次悬挂在风道壳体的卡瓶条上,在离心风机的风力作用下,从吹瓶机输送到灌装机之间的设备。全自动风送是通过平行四边形机构的调节挡瓶杆开度,通过升降机构调整挡瓶杆位置,能适应任何瓶型的场合。

The bottle transporting air conveyor is a machine that suspends in the empty bottles blown out from the blowing machine onto the bottle clamping bar at the shell of the air channel and sends them from the bottle blowing machine to the filling machine under the air force of the centrifugal fan. Suitable for all types of bottles, the automatic air conveyor adjusts the opening degree of the bottle stopping lever through the parallelogram mechanism and controls the position of the bottle stopping lever through the lifting mechanism.



CONVEYOR SYSTEM 输送系统

PET空瓶通常采用风力输送(风道),满瓶采用平顶链输送,标配工程塑料链板,玻璃瓶含汽线采用不锈钢链板。冷瓶机、温瓶机、保温杀菌隧道的网链均采用耐热材料。二次包装件(膜包/箱包)则可选滚筒式或网链式输送。

PET bottle usually adopts wind to transport (air conveyor). Full bottles uses flat top chain conveyor and standard engineering plastics chain plate; glass bottle line for carbonated soft drinks uses stainless steel chain plate. Bottle cooling machine, bottle warming machine and thermal insulation pasteurizer chain adopt heat-resistant material. The second package (film packs / case) chooses roll and chain conveyor.



LABELING SYSTEM 标签系统



OPP Hot Glue Labeling Machine



PVC Sleeve and Shrink Labeling Machine

PACKAGING SYSTEM 后包装系统



PE Film Shrink-Wrapping Machine



Carton Wrapping Machine



PALLETIZER SYSTEM 码垛系统



Mechanical Gantry Palletizer



Robot Palletizer



Mechanical Single Column Palletizer