







江苏星A包装机械集团

JIANGSU ASG PACKAGING MACHINERY GROUP

江苏美星饮料机械有限公司

JIANGSU AMSTAR BEVERAGE MACHINERY CO., LTD.

江苏美星塑料机械有限公司

JIANGSU AMSTAR PLASTIC MACHINERY CO., LTD.

江苏美星大地环保科技有限公司

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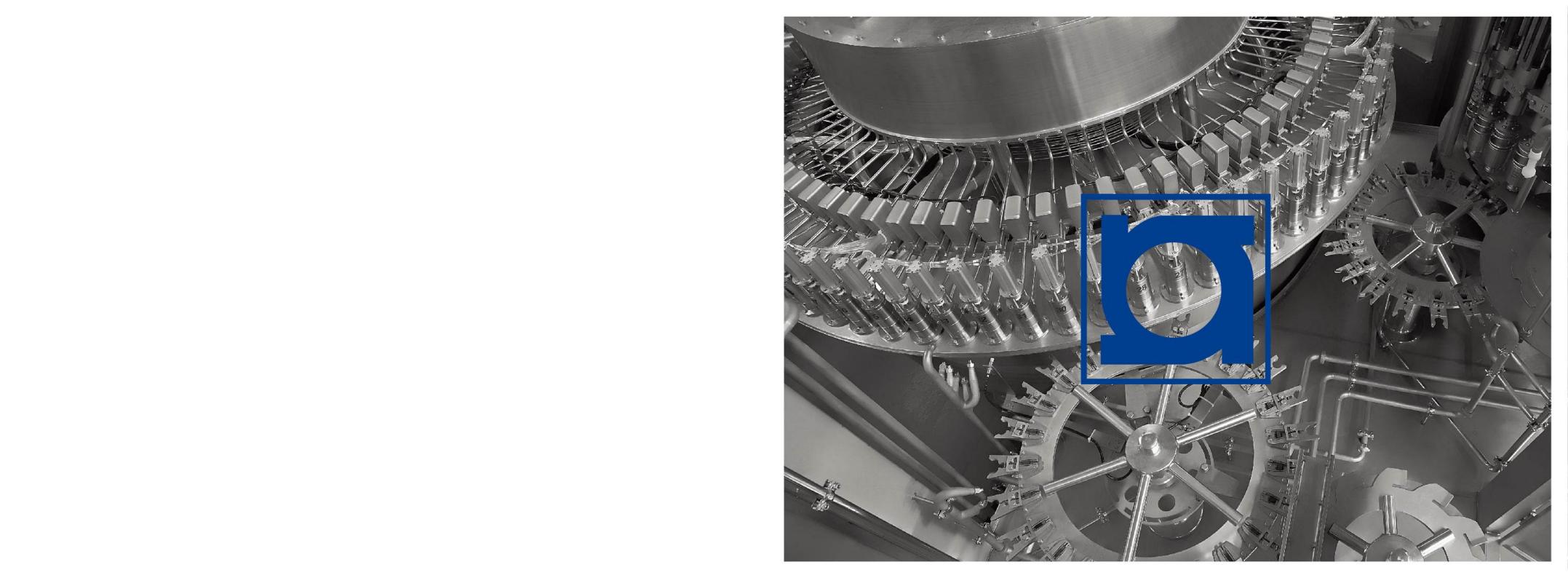
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我们一直致力于>

做世界高端灌装设备的供应商>

We have been dedicated to be the best supplier in the world for filling machine

President:Huang Zhenhua









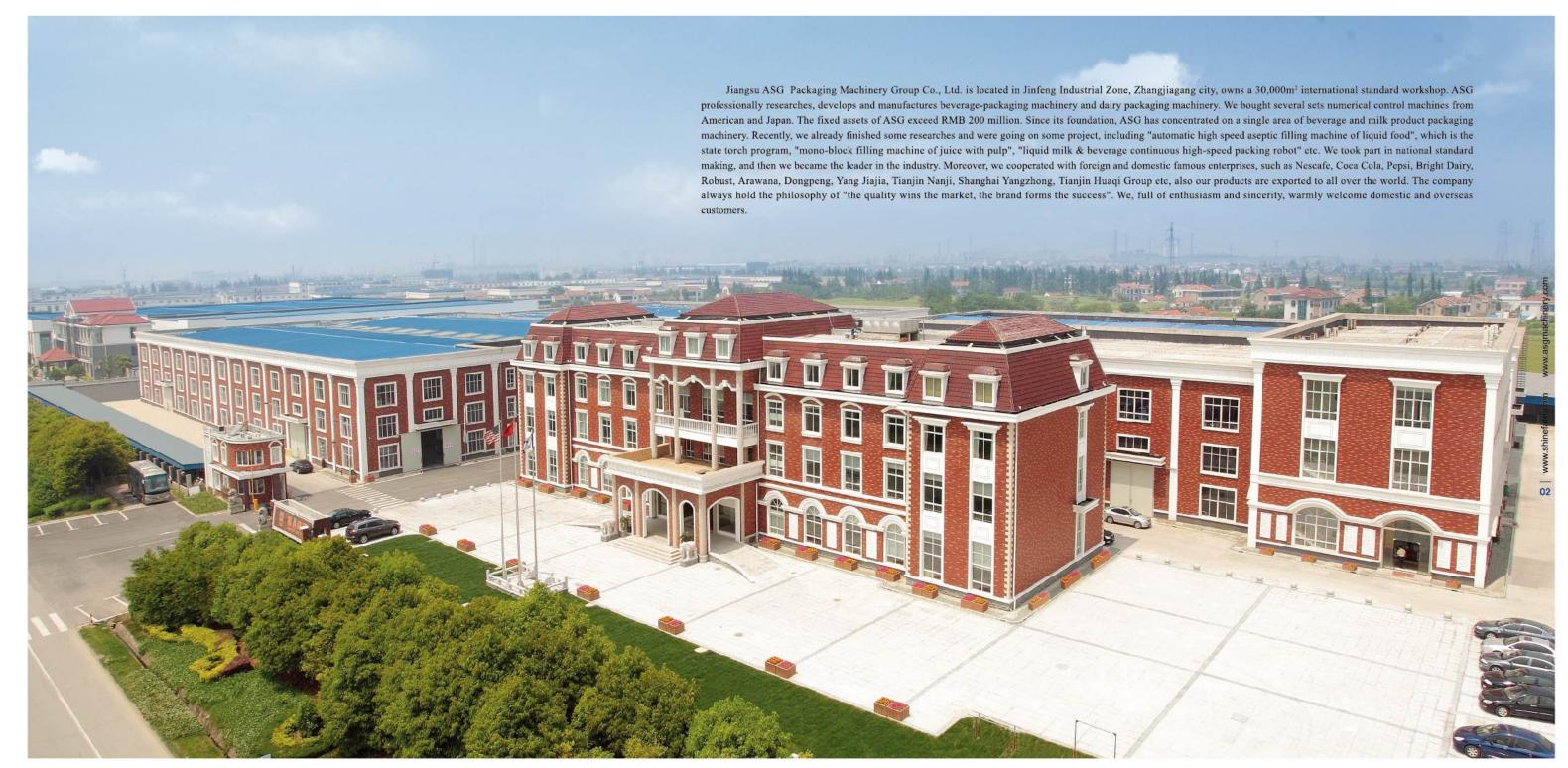




Introduction

企业简介

江苏星 A 集团座落在风景秀丽的张家港市锦丰科技园, 占地面积 120 亩, 拥有国际化标准 厂房 3 万平方米。是集研究、开发、制造为一体的综合性饮料及乳品包装机械专业制造厂商,先 后从美国、日本引进多台数控加工中心,拥有固定资产 2 亿元人民币。公司自创立以来,始终将 企业全部力量投入到单一技术领域-饮料及乳品包装机械,近年来已完成及在研科研项目数十项, 其中包括国家火炬计划产业化项目 " 液态食品无菌自动高速灌装机 "、以及 " 果肉混合饮料灌装 一体机 "、" 液态奶及饮料连续式高速包装机器人 " 等,参加了多项国家标准的制定,从而奠定了 集团在行业内牢固的领先地位。更吸引了雀巢、可口可乐、百事可乐、光明乳业、乐百氏、金龙鱼、 东鹏集团、养加加、天津南极、上海延中、天津华旗集团等国内知名企业的合作, 并远销海内外。 公司始终本着 " 品质决胜市场, 品牌铸就辉煌 " 的经营理念, 以饱满的热情、真诚的合作态度热 诚欢迎海内外客户的光临惠顾。



The Silicon Valley in beverage packaging

Research Development

企业文化 文化为基,源远流长

星A精神:

诚信 合作 学习 创新

星A战略:

品质决胜市场 品牌铸就辉煌

星A宗旨:

心爱用户、心爱社会、心爱员工、心爱家庭



国家火炬计划重点高新技术企业 整理器。 拉莱基本公装和城集用有限公司











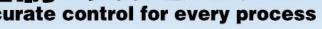








Quality supervision 质量监控精确控制的制造过程 Accurate control for every process >>





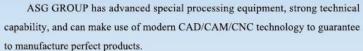


江苏星A拥有先进的专用加工设备、技术力量雄厚、充 分利用现代CAD/CAM/CNC技术,确保能制造近乎完美的

星A人的成功在于不仅仅注重表面的完美,更加追求细

每一颗螺丝,每一道工序,每一台设备,我们都严格把 关,精密检测,让我们的产品在运出厂门的一瞬,使之成为 星A又一精品的代表。





ASG success originates from the perfect appearance as well as delicate particulars of its product.

After precise and strict inspection of each bolt ,each process and each equipment, we deliver exquisite works to our customers.









CGF Blowing-filling-capping combi-block 系列吹灌封一体机

吹灌封一体机是我们公司基于丰富成功的整线项目,融合旋转式吹瓶、灌 装和封盖三大技术, 通过吹瓶工艺、灌装工艺、封盖设备和智能集成上的创新, 实现容器的整个吹塑、产品的灌装和封口的连续过程。该设备主要由上胚、理胚、 瓶胚加热、吹瓶、灌装、封盖、电气集成六大系统构成。

以 36000 瓶 / 小时 (500ml) 水线为例,相比传统分体技术,可为用户可 节约用水 30% 以上, 节电 15% 以上, 节约场地 60% 以上, 节约设备投入 20% 以上, 节约运行成本 15% 以上。

产量 8000-45000 瓶 / 小时可供用户选择。

Blowing-filling-capping combi-block is based on rich and successful experience of complete line projects of ASG Group, merging technology of rotary blowing, filling and capping, realizing continuous process of blowing, filling and capping through blowing process, filling process, capping equipment and intelligent integration innovation. This equipment is mainly composed of the following six systems: preform loading system, perform uscrambler, preform heating system, blowing, filling, capping and electrical integration system.

Taking 36000 BPH(500ml) water line for example, compared to traditional split technology, it can save more than 30% water, more than 15% electricity, more than 60% space, more than 20% equipment investment and more than 15% operation cost for users.

The capacity range is 8000-45000 BPH for options. .



























CGF24-80-22吹灌封一体机主要技术参数 Main Technical Parameters

额定产量 Nominal output for 0.5L, bottle(*)	pcs/h	36000	
产品成品率 Rate of finished product(*)	%	99.5	
模具腔数 Mould cavities	N	24	
灌装头数 Filling Heads	N	80	
封口头数 Capping Heads	N	22	
瓶体最大直径 Max.body diamieter	mm	110	
瓶体最大高度 Max. Height	mm	280	
瓶子口部最大直径 M.diameter	mm	38	
瓶坯最大高度 Max.preform Height	mm	135	
瓶子最大容量 Max. capacity	ml	2000	
设备尺寸 DIMENSIONS(L*W*H)	mm	12500×3780×3300	
重量 Weight	Kg	32000	
总装机功率 Total power installed	kw	295	
平均能耗 Medium power absorbed	kw	150	
电压允许波动范围 Voltage permitted	%	+/-5%	
频率允许波动范围 Frequency permitted	%	+/-1%	
辅助电压 Voltage auxiliary	VDC	24	

X(X)GF Non-Carbonated Filling Line 瓶装饮用水灌装线

用于纯净水、矿泉水等不含气饮料生产的XGF、XXGF三合一、四合一系列、产 量8000-48,000瓶/小时,可供用户选择。

XGF, XXGF series apply to the production of non-carbonated drink as pure water and mineral water, with optional capacity from 8000 BPH to 48,000 BPH.







型号 Type	X(X)GF16/16/5	X(X)GF24/24/8	X(X)GF32/32/8	X(X)GF40/40/10	X(X)GF50/50/15	X(X)GF60/60/15	X(X)GF72/72/18	X(X)GF80/80/22
冲瓶1头数 Washing He		24	32	40	50	60	72	80
冲瓶2头数 Washing He		24	32	40	50	60	72	80
灌装头数 Filling Head	ls 16	24	32	40	50	60	72	80
封口头数 Capping He	ads 5	8	8	10	15	15	18	22
生产能力 Output	8000BPH	12000BPH	15000BPH	18000BPH	24000BPH	30000BPH	36000BPH	42000BPH
外形尺寸 Measurement	2850×2150×2750	2880×2180×2750	3380×2580×2750	4430×3280×2750	4720×3550×2750	6000×5450×2750	6500×4680×2750	7800×6380×2750
装机容量 Power	2.2KW	2.2KW	3KW	7.5KW	7.5KW	11KW	15KW	19KW





用于含汽碟酸饮料生产的DXGF、DGF系列,产量3000-30000瓶/小时可 供用户选择。

DXGF, DGF series apply to the production of carbonated drink, with optional capacity from 3,000 BPH to 30,000 BPH.



型号 Type	DXGF14/12/5	DXGF16/16/5	DXGF24/24/8	DXGF32/32/8	DXGF40/40/10	DXGF50/50/12	DXGF60/60/15	DXGF72/72/18
冲瓶头数 Washing Heads	14	16	24	32	40	50	60	72
灌装头数 Filling Heads	12	16	24	32	40	50	60	72
封口头数 Capping Heads	5	5	8	8	10	12	15	18
生产能力 Output	3500	5000	8000	12000	15000	18000	21000	28000
外形尺寸 Measurement	2360×1770×2700	2760×2060×2700	2800×2230×2700	4215×2960×2700	4360×3300×2700	5900×3300×2700	5770×5288×2700	6540×4900×2700
装机容量 Power	1.5	2.2	3	4	7.5	7.5	11	11















DXGF(T) Carbonated Filling Line

系列玻璃瓶碳酸饮料灌装线

用于含汽碳酸饮料生产的DXGF(T)系 列,产量3000-30000瓶/小时可供用户选

DXGF(T) series apply to filling carbonated beverage. It realizes the functions of rinsing, filling, capping of aluminum caps











用于含汽碳酸饮料混合的WYH系列,产量2-15吨/小时可供用户选择,二氧 化碳含气倍数:3.8-4.5

WYH series apply to the mixing of carbonated drink, with optional capacity from 2t/hr to 15t/hr, CO2 content: 3.8-4.5





生产能力(范围) Capacity (range)		3∼25 t/h				
水、糖浆的混合比较 Mixing ratio range for v	也围 vater and syrup	3: 1~10: 1				
产品含气量(范围) Air content of product	(range)	2.5~4.5 倍				
成品温度 Product temperature		4~7°C				
	(1) 饮料水(净化水) Drinking water (purified water)	0.20~0.25MPa,常温(Normal temperature)				
设备工作条件	(2) 糖浆 (或果汁等) Syrup (or fruit juice, etc.)	0.10~0.15MPa,常温(Normal temperature)				
(标准供给): Equipment working conditions (standard supply)	(3) 碳酸气 (CO ₂) Carbon dioxide (CO ₂)	0.8~1.0MPa				
	(4) 压缩空气 Air Compression	0.6~0.8MPa				
	(5) 冷媒 (冰水) Refrigerant(ice)	0.20~0.30 MPa, -1~0 ℃				



























型号 Type	RXGF14/12/5	RXGF16/16/5	RXGF24/24/8	RXGF32/32/8	RXGF40/40/10	RXGF50/50/12	RXGF72/60/15	RXGF72/72/18
冲瓶头数 Washing Heads	14	16	24	32	40	50	72	72
灌装头数 Filling Heads	12	16	24	32	40	50	60	72
封口头数 Capping Heads	5	5	8	8	10	12	15	18
生产能力 Output	3500	5000	8000	12000	15000	18000	21000	28000
外形尺寸 Measurement	2360×1770×2700	2760×2060×2700	2800×2230×2700	4215×2960×2700	4360×3300×2700	5900×3300×2700	6100×5815×2700	6540×4900×2700
装机容量 Power	1.5	2.2	3	4	7.5	7.5	11	11

用于茶、果汁饮料等生产的RXGF(T)三合一、四合一热灌装系列,产量5000-36000 瓶/小时可供用户选择。

RBGF(T) series apply to filling non-carbonated beverage. It realizes the functions of rinsing, filling,capping of aluminum caps or crown caps.







GXGF 4-in-1 MONOBLOCK Filling Line

系列果肉混合灌装线









GXGF系列浓汁灌装四合一机为全自动消毒、冲瓶、灌装、封盖一身,适用于各种果蔬酱、调味酱、颗粒饮料、果汁等酱类与低泡沫液体物料 定量灌装,亦可以用作植物油、日用化妆品、高浓度乳制品、乳化液农药定量灌装的生产设备,可以进行常温或低温灌装。此类系列化机型应用范 围广、在国内属于独创,技术含量处于领先地位。

The GXGF SERIES 4-in-1 MONOBLOCK is automatically sterilizing, washing (blowing dust), filling and capping machine. It can be used to fill all kinds of edible oil, high viscosity milk product, fruit drink with particles, garden spared stuff catsups(such as juice) and low foaming liquid. Also it can fill cosmetic, pesticide, etc. The GXGF SERIES 3-in-1 MONOBLOCK adopt advanced technology can be widely used in different fields.













系列中温灌装线

中温灌装技术, 就是用普通聚酯 (PET) 瓶在68℃±2℃的温度下进行茶 饮料、果汁饮料的灌装,在不添加任何防腐剂的条件下,产品达到保质期的要 求,产量5000-36000瓶/小时可供用户选择。





DPL Bottle Inverse Sterilizer Machine

倒瓶杀菌机

倒瓶杀菌机主要用于PET聚酯瓶包装的果汁、茶等饮料热灌装后对瓶口 、瓶盖内壁未经杀菌或高温处理的部分进行杀菌。本机主要由传送链系统、 瓶体反转链系统、机架、瓶子翻转导杆等构成; 本机实现自动翻转杀菌和自 复位、而且在杀菌过程中, 只须通过瓶子内存物的自身高温对瓶口和瓶盖内 壁进行杀菌,不必增加任何热源,达到节能目的。机身采用SUA304材料制作 ,美观大方、使用方便。产量5000-36000瓶/小时,杀菌时间15-40秒可供用

It is mainly used in sterilizing PET bottle mouth and inside surface of caps. In which haven't been disinfected by themal tea, Fruit juice which having been filled in PET bottle. It mainly consist of chief conveying chain system, support, bottle reversing chain system, bottle reversing guiding rod and bottle repositioning rod, Use its inner thermal medium to disinfect bottle mouth and caps without any other heat souce, So it can save energy. The machine is fully made of SUS304stainless steel, more convenient in operation. Productivity:5000-36000 bottles/hour, sterilizing time: about 15-40 seconds.



□ ∧SG 星△集团 (€ 📫 🎻



本机用于耐热聚酯瓶茶饮料、热灌装、聚酯瓶碳酸饮料灌装生产线, 可使高温灌装的茶饮料降温至 36-40℃。产量 5000-36000 瓶 / 小时, 喷淋时间约 15-20 分钟。

This machine can reduce the temperature of hot filling drinks to 36 C-40 C, or increase the temperature of cold filling carbonic acid drinks to 36 C-40 C. It is used in PE bottles hot tea drinks and carbonic acid drinks hot filling production line. Productivity: 5000-36000bottles/hour, spray time: about 15-20



二000年三月二十八日,与广东乐百氏集团强强联合,综合国际最先进无菌冷灌装技术,引用各自工艺优势技 术,历时90天,制造了填补国内空白的每小时生产36000瓶,达到世界先进水平的无菌冷灌装饮料生产线,并且一 次投产成功,生产出了中国第一瓶PET无菌冷灌装饮料。

二00三年八月十六日,与北京汇源果汁集团签定了三条PET无菌冷灌装饮料生产线。

March 28, 2000 marks our pioneer in 36000BPH aseptic filling line, with support from Guangdong Robust Group. A first PET aseptic filling line in China, incorporating the latest international technology in this area.

On August 16, 2003, we gained order from Beijing Huiyuan Juice Group for three aseptic filling lines.











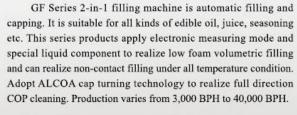
系列高精度定量灌装线







GF 系列二合一灌装机集全自动灌装、封盖于一身,适用于各种食用油、果汁、 调味品等产品。本系列产品采用电子计量方式和专用流体部件实现低泡沫定量灌 装,可实现各种温度状态下的非接触灌装。采用了 ALCOA 旋盖技术,可进行全 方位泡沫清洗。产量由 3000 到 40000 瓶 / 小时可供用户选择。











3加仑、5加仑 3-Gallon, 5-Gallon Water Line 桶装饮用水生产线



用于5加仑、3加仑桶装饮用水生产的TXG系列,产量100-2000桶/小时,可 供用户选择。另可按用户需要配置自动拔盖机、自动捡漏机、内外桶刷洗机、自 动上盖机、热收缩机等。





TXG series apply to 3-Gallon, 5-Gallon water production, with optional capacity from 100b/h to 2000b/h. Customerized service includes automatic cap puller, internal and external barrel scrubber, cap elevator and heat shrinker, etc.















LP系列每小时8000瓶-36000瓶理瓶机,是高速灌装机必备之配套产品,用机械动作来完成塑料瓶 从零乱上瓶至有序排瓶至灌装机风送道,可以满足灌装机全自动生产需要。

8,000-36,000BPH Unscrambler is the indispensable outfit for high-speed filler. Bottles are fed into air conveyor in order with mechanical action, to satisfy the automatic operation of filler.





系列旋转式吹瓶机







MX系列旋转式吹瓶机是成功引进德国最新技术,凭借星A卓越设计能力和制造能力,制造出了具有国际先进水 平的全自动高速吹瓶机。成套产品主要由吹瓶主机、加热炉、自动输送装置、电控系统、空压系统等构成。具有自 动化程度高、性能稳定、效率高、运行成本低、故障率低等特点。

The MX Series rotary blowing machine is automatic high-speed blow molding machine with the international advanced level, manufactured through the successful introduction of the latest technology in Germany, based on superior design capabilities and manufacturing capacity of ASG GROUP. The complete set of blowing machine is composed of main blowing machine, heating oven, automatic conveyor, electric control system, compressed air system and etc. It has the characteristics, as high degree of automation, stable performance, high efficiency, low running costs, low failure rate, etc.









SY Series linear type blowing machine

系列直线式吹瓶机











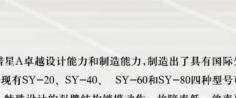




引进德国最新技术, 凭借星A卓越设计能力和制造能力,制造出了具有国际先 进水平的全自动拉伸吹瓶机。现有SY-20、SY-40、 SY-60和SY-80四种型号可 供选择。高性能的感应控制、特殊设计的双臂结构锁模动作、故障率低、效率更 高,维修更方便,节约占地空间。

Blow moulding machine is designed and manufactured to the world top level, by introducting the latest and advanced technology from Germany. Two models are available for your option, SY-40, SY-60 . It has high property sensor control, specially designed double arm clampings with low fault rate and high efficiency; it is convenient for maintenance and saving space.





套标机\贴标机

Label Sleeving Machine & Adhesive Labeling Machine

为了满足广大顾客生产线对速度的更高要求,我公司研发部精心研究、 改良出此产品,最高速度可达 700 瓶 / 分钟,在同类产品中属国际领先技术。 适用于各种瓶型的果汁、茶饮料、乳制品、纯净水、调味品、啤酒、运动饮 料等食品饮料行业。

To meet the requirements of such a wide range customers demanding velocity of their production lines, the research & development department of our company makes research and improvement with great care to manufacture this product, the highest velocity of which can be up to more than 700Bottle per minute; It also employs internationally advanced technology of the same kind. IIt applies to such food & beverage industries as fruit juices, tea drink, dairy products, pure water, condiments, beer and sports drink and all kinds of other bottle





全自动回转式热熔胶贴标机

Rotary Hot Melt Adhesive Labeling Machine

该机适用于连续卷标的粘贴,采用局部涂胶方式,胶消耗量小,运行成本低,生产能力可 以达到 30000 瓶 / 小时。



This machine is suitable for sticking the continuous rolled labels, using local gluing methods in small glue consumption and low running costs, and production capacity can reach 30,000 bottles / hour

BS Full Auto Hot Shrinking Package Machine

系列全自动热收缩包装机

专为饮品(纯净水,饮料,果汁,乳制品)的高速度包装要求设计制造 在产品前进输送过程中,即可自动组合成包,节省时间,提高包装效率。 触摸屏操作面板,界面友好,参数设定快捷,便于人机交流及操控。国 内中、高速度热收缩包装机领域的最佳首选机型。

Specially designed and manufactured for the high-speed packing requirements of drinks (purewater, beverage, fruit juice, and milk product).

During the product forward conveying process, it can automatically group the product into package, so as to save time and enhance packing

Touch-screen operating panel with user-friendly interface and convenient parameter setup, absolutely an easy-to-operate machine.

The ideal model of middle & high-speed heat-shrinking packager is the first choice in the domestic market.





机器人装箱、码垛

Robot (Packing, Palletizing)







□ ∧SG 星△集团 CE 🗯 🏕

冷却系统



冷却塔 Cooling Tower

UHT Ultra-high Temperature

全自动多管式超高温瞬时杀菌机(无菌型)



制冷(冷冻)机组 Freezing Groups

全自动多管式超高温瞬时杀菌系统为全自动化PLC控制,产量有3-20吨/小时可供选择。该机 分四个自控单元:预杀菌自控单元、正常生产单元、水循环自控单元、CIP清洗自控单元。针对低 酸性产品灌装工艺要求和水的温差控制,系统配有封闭的过热水预杀菌系统,杀菌高效可靠,生产 前后的CIP和SIP系统设计,满足生产设备的清洗和杀菌要求。

本套全自动管式超高温瞬时杀菌系统关键部件均选用世界著名厂商:ALFALAVAL, APV, SPIRAX, SARCO, SIEMENS, FESTO等产品。

UHT Pipe-type

Pipe-type UHT is PLC controlled, with optional capacity from 3t/hr to 20t/hr. The whole system is automatically controlled in four units, pre-sterilization, normal production, water recycling and CIP. With technical requirement for acidic products and temperature control for water, sealed pre-sterilization system for ultra-high temperature water is equipped to ensure high efficiency. CIP and SIP are designed for the demand of cleaning and sterilization.

Main components are from world famous suppliers as Alfa Laval, APV, SPIRAX, SIMENS, FESTO, etc.











板式

板式超高温瞬时杀菌系统为智能化PLC自动控制,产量有3-20吨/小时可供选择。 针对饮料低温、中温、高温、热灌装的工艺要求,系统将板片工作段分为无菌工作段和 一般工作段,选用七段换热机组的工艺设计,有效的利用热源,将能耗降到最低,完善 的 CIP 和 SIP 系统设计,满足生产设备的清洗和杀菌要求。物料杀菌升温加热和灌装出 口温度的调整,均采用过热水作介质,温控精度高。

本套自动板式超高温瞬时杀菌系统,关键部件均选用世界著名厂商: ALFALAVAL, APV, SPIRAX, SARCO, SIEMENS, FESTO 等产品。

UHT Plate-type

Plate-type UHT is PLC controlled, with optional capacity from 3t/hr to 20t/hr. The system works in aseptic section and normal section, for the technical requirements of filling at low temperature, normal temperature and high temperature. The seven-section heat exchanger ensures minimum consumption of energy, and perfect design of CIP and SIP satisfies the demand of cleaning and sterilization. Ultra-high temperature water is employed as the media for the heating of materials and temperature adjustment of filling exit, featuring high accuracy.

Main components are from world famous suppliers as Alfa Laval, APV, SPIRAX, SIMENS, FESTO, etc.



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WATER Treatment System 水处理系统

适用于纯净水、矿泉水、饮料配水的各类水处理设备。主要 包括:反渗透系统、钠滤器、超滤器、微孔过滤器、多介质过滤 器、活性碳过滤器、离子交换器、臭氧设备等等。

Water treatment is equipped for pure water, mineral water, and water in beverage drink. It contains RO, natrium filter, ultra filter, activated carbon filter, ion exchanger, ozone processor etc.







按饮料生产工艺的需要,可为用户配套饮料生产所需各种百级、 万级空气净化系统。

Air purification systems of various classes are offered to our customer, with technical requirements for beverage production.

