

合肥中辰轻工机械有限公司

Hefei Zhongchen Light Industrial Machinery Co., Ltd.

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Tel:+86-551-62552070/62552071/62552083

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网站 Website　公众号 Wechat　视频号 Wechat Video　抖音号 Tiktok

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2024年V1.0版　Version 1.0, 2024

中辰轻机 HF.ZCQJ

打造全球化的
受人尊敬的食品包装行业优秀供应商

GLOBAL RESPECTABLE EXCELLENT
SUPPLIER OF FOOD PACKAGING INDUSTRY

01/02 企业简介 COMPANY PROFILE

产品好
Good Product

服务好
Good Service

党建好
Good Party Building

文化好
Good Culture

管理好
Good Management

效益好
Good Value

环境好
Good Environment

形象好
Good Reputation



中辰轻机总部坐落于中国安徽省合肥市国家级经济技术开发区，自2002年成立以来，中辰轻机专注于做高端产品、走品牌之路，着力打造国际性品牌，成为全球食品包装行业优秀供应商。中辰轻机旗下拥有宝鸡诺博台科、南京新顺通、安徽中宏、全灌科技四个子公司和吹灌旋、封罐机、流体三个事业部为中辰轻机液态食品装备全产业链保驾护航。

公司前身是1965年建厂、具有悠久历史的合肥轻工业机械厂，自1983年开始就专业从事液态食品生产线装备的设计开发与制造，见证并参与了中国饮料和啤酒等液态食品行业成长发展的全过程，同时深度融入行业国际市场。

中辰轻机通过不断的市场开拓和品牌建设和推广，持续打造一流团队、建设一流企业，为员工提供发展平台、为客户提供最佳服务。用高端装备和卓越服务讲述我们的故事，让美食与佳酿装进安全、卫生、环保的包装，将美味和快乐传递给全世界的消费者，中辰轻机，永远和您在一起！

The headquarter of Hefei ZhongChen(HF.ZCQJ) is located in National Economic & Technological Development zone in Hefei city, Anhui province. Since its establishment in 2002, HF.ZCQJ has focused on manufacturing high-end products and building brand road, striving to build an international brand and become an excellent supplier in the global food packaging industry. It has four subsidiaries namely Baoji Robotech Intelligent Packaging Equipment Co., Ltd., Nanjing Stong Intelligent Equipment Technology Co.,Ltd., Central International Machinery Co.,Ltd., and Hefei Champway Bottling Tech Co., Ltd.. Plus 3 sub-divisions namely Combi-bloc division, Can seamer division, Processing technology division escorts the whole industry chain of liquid food high-end equipment.

The company's predecessor is Hefei Light Industry Machinery Factory, which was established in 1965 with long history. Since 1983, it has specialized in designing and manufacturing of liquid food production line equipment, witnessed and participated in the whole process of growth and development of China's liquid food industry, and also deeply integrated into the international market of the industry.

Through continuous market development, brand building, and promotion, HF.ZCQJ continues to build a first-class team and a first-class enterprise, providing a development platform for employees and the best service for customers. By supplying high-end equipment and excellent service to tell the story and packing the cuisine & vintage into safe, hygienic and environmental package, delivering the gourmet & happiness to the global consumers, HF.ZCQJ is with you forever!



宝鸡子公司 Subsidiary Company in Baoji City



南京子公司 Subsidiary Company in Nanjing City

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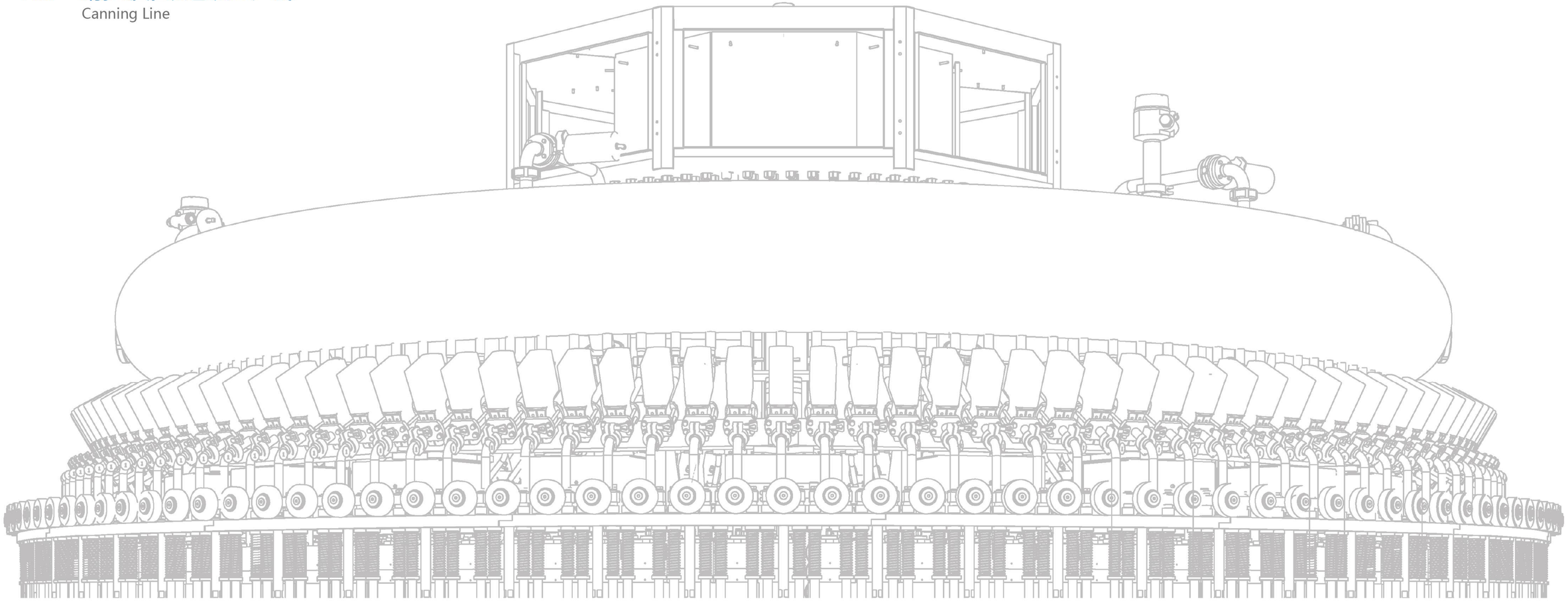
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Equipment Turn-key Project



关于我们
ABOUT US

我们期待正在阅读的您，选择我们的产品和服务
Expecting Your Selection



饮料行业 Beverage Industry

Coca-Cola · pepsi · Wahaha · 康师傅 · 统一企业
加多宝 · 王老吉 · 红牛 · 怡宝 · 达利园
watsons 屈臣氏 · 健力宝 · 元气森林 · 大窑 DAYAO · vitasoy
bigtree · CCI · etika · WISYNCO · ……



啤酒行业 Beer Industry

Heineken · 雪花啤酒 SNOW · AB InBev · TSINGTAO · 燕京啤酒 YANJING BEER
Carlsberg · 珠江啤酒 PEARL RIVER · 千岛湖啤酒 CHEERDAY · Pabst Blue Ribbon · 金星啤酒
ThaiBev · San Miguel 生力啤酒 · Asahi GROUP · SINGHA · ……

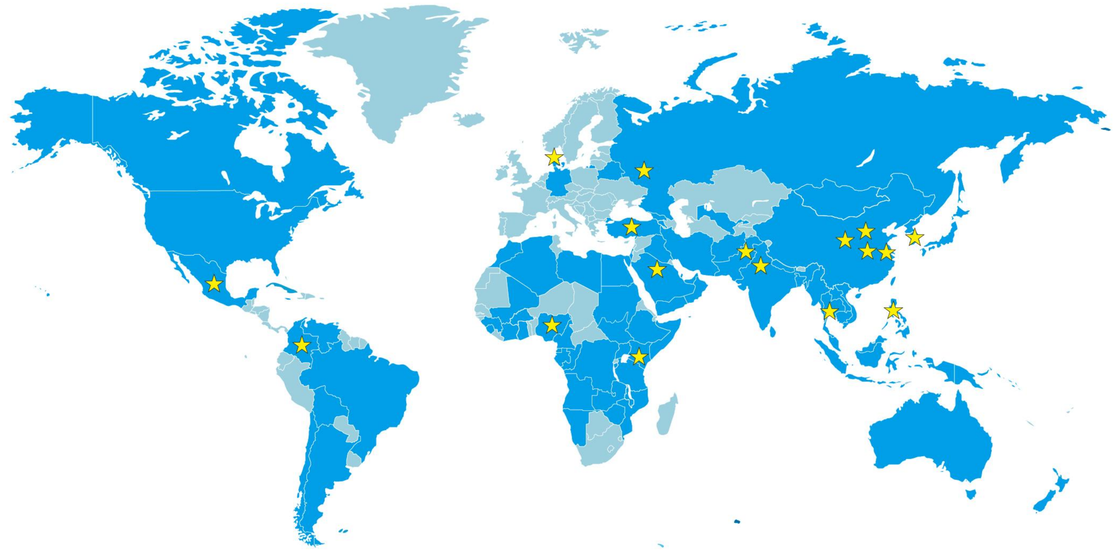


烈酒、调味品等行业 Spirit, Seasoning Industries etc.

BACARDI · DIAGEO · RIO ALCOPOP · GRAND ROYAL · 江记酒庄 JIANGJI
MOUTAI · 王致和 · 恒顺集团 · 海神集团 · ……

客户和服务网点
Customers & Service Network

出口100个国家和地区
Exported to 100 above Countries & Regions



☆ 服务和合作伙伴网点
Service and Local Partners Network

合肥	Hefei	沙特	Saudi Arabia
北京	Beijing	土耳其	Turkey
宝鸡	Baoji	俄罗斯	Russia
南京	Nanjing	丹麦	Denmark
韩国	South Korea	尼日利亚	Nigeria
菲律宾	Philippines	肯尼亚	Kenya
泰国	Thailand	墨西哥	Mexico
巴基斯坦	Pakistan	哥伦比亚	Colombia
印度	India	……	…

关于我们
ABOUT US

国际国内行业荣誉
Awards

中辰轻机拥有三体系(ISO9001, ISO14001, ISO45001)、安全生产、CE、SGS、SA8000等国际国内认证，同时是国家级的企业技术中心、专精特新小巨人企业、高新技术企业等，公司的主导产品连续获得多项专利技术认证、国家重点新产品等殊荣，公司参与并起草了多部国家级液态饮品的生产线行业标准规范。

Hefei Zhongchen Co. obtains international quality certifications of ISO9001, ISO14001, ISO45001, safety production, CE, SGS, SA8000. And has awards of national technology center, national little giant enterprise, new high-tech enterprise etc. The leading products have been awarded honors of patents technology certification, national key & new products, etc. It has participated in drafting a number of national industry standards in liquid drinks bottling / canning lines.























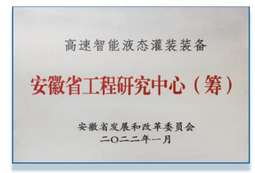










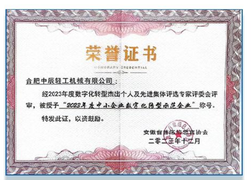
















关于我们
ABOUT US

数字化和智能制造
Digital & Intelligent Manufacturing

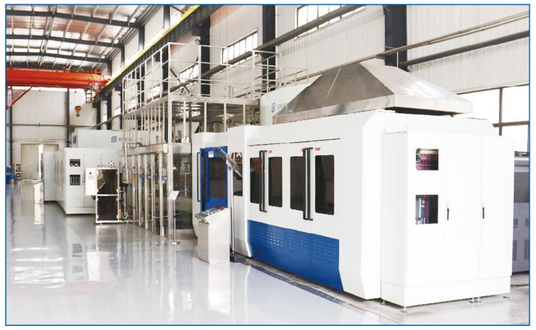




仓储管理
Warehouse Management



组装调试
Assembling & Testing





检测和实验室
Inspection & Lab





PET瓶灌装包装生产线
PET BOTTLING LINE

产线速度：

6,000~60,000 瓶/时

Line Capacity: 6,000~60,000bph



设备组成：

包括吹灌旋一体机、混合机、液位检测、冷温瓶机/隧道杀菌机、贴标机/套标机、吹干机、喷码机、膜包/箱包包装机、码垛机、缠绕机、输送系统、电气控制系统等在内的一整套灌装包装生产线。

Scope of Supply

Complete bottling line includes Blower/filler/capper combi-block, mixer, filled bottle inspector,warming/cooling/pasteurizing tunnel, OPP labeler / sleeve labeler, dryer, coder, film/carton packer, palletizer, stretch wrapper, conveyors, electrical control system etc.

吹灌旋一体机的优点

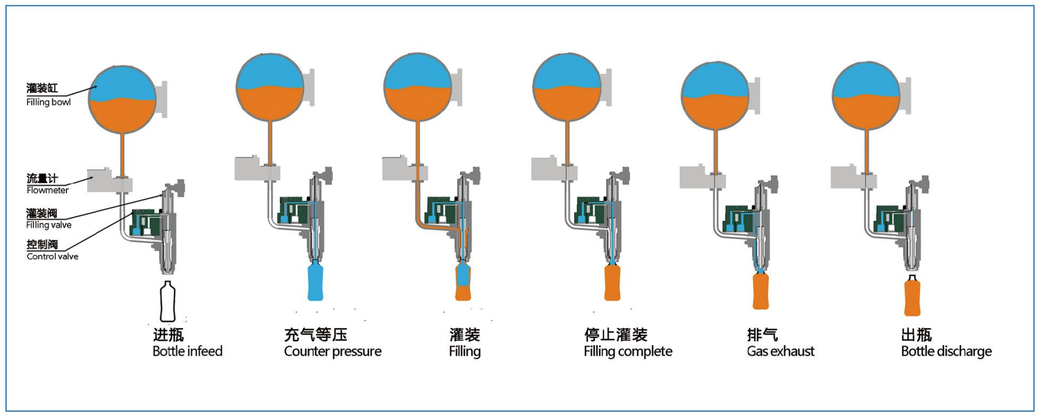
Advantages of Combi-Bloc

- 更小的占地面积 Less Space
- 更高的效益 Higher Earnings
- 更少的操作人员 Less Operator
- 更可靠的品质保证 More Reliable Quality
- 更高的生产效率 Higher Efficiency
- 更低的能源消耗 Lower Energy Consumption



PET瓶灌装包装生产线
PET BOTTLING LINE

电子阀含气灌装过程
Principle of Volumetric CSD E-valve

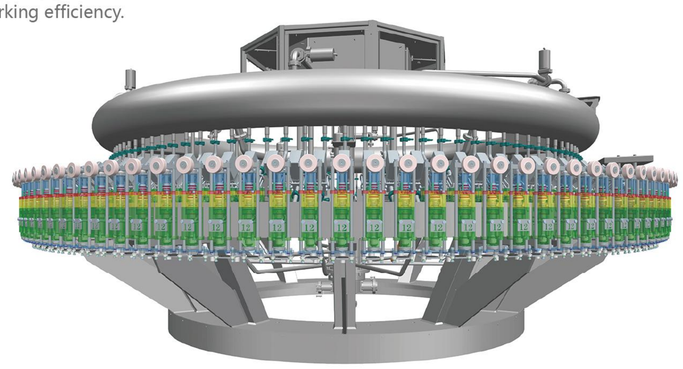


1. 流量计阀灌注，灌装精度高。
Flowmeter valve with high filling precision.

2. 灌装温度高达15~20度，节能降耗。
Raised filling temperature to 15~20℃ to save energy.

3. 环缸设计，以及阀内流道简洁，易于清洗。
Tubular bowl design and simple internal filling valve chamber, easy to clean.

4. 自动CIP清洗杯，提升工作效率。
Automatic CIP cup raised working efficiency.

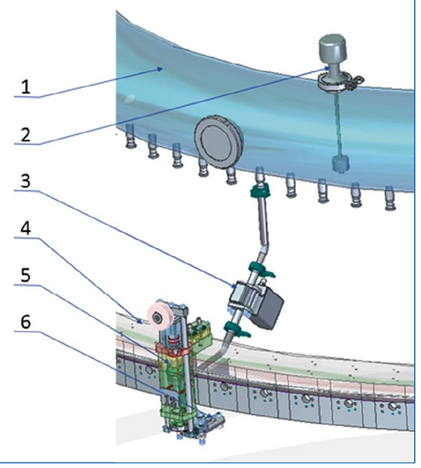


含气产品灌装系统
Carbonated Beverage Filling

灌装系统主要结构 Filling System Main Structure

1、环形灌装缸
2、缸液位计
3、流量计
4、气室圈
5、灌装阀
6、自动CIP杯

1.Filling bowl
2.Liquid level sensor
3.Flow meter
4.Air chamber
5.Filling valve
6.Automatic CIP cup





PET瓶灌装包装生产线
PET BOTTLING LINE

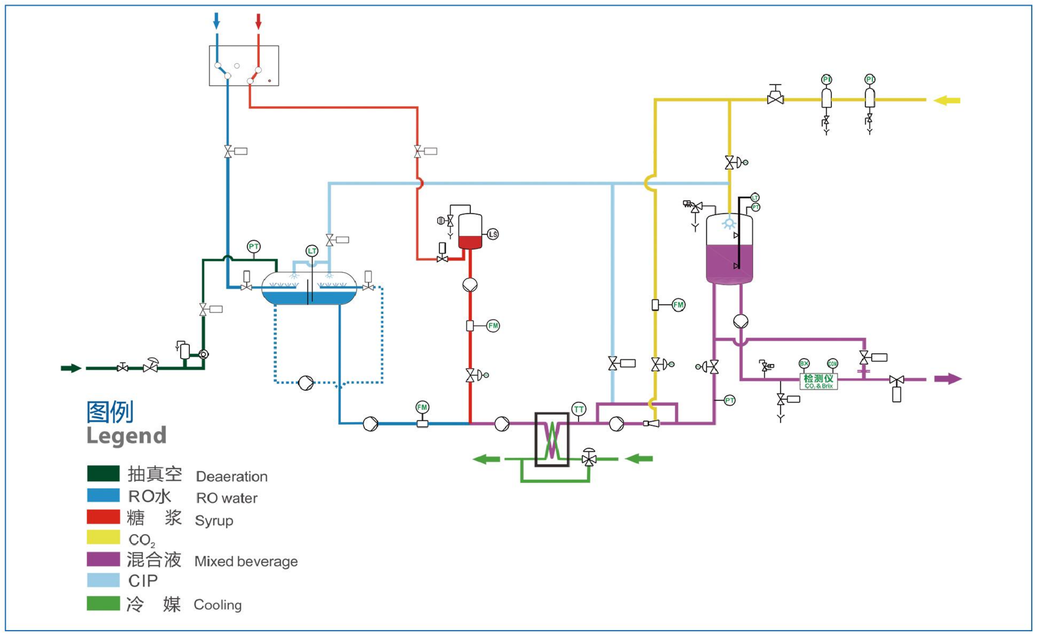
混合机
Mixer

设备产能：

3,000~60,000 升/时

Machine Capacity: 3,000~60,000L/H





1. **在线流量计混合机：**相比传统孔板式混合机自动化程度高，在线可调。
   Online flow meter type: Higher automation level, online adjustment.

2. **高效脱氧系统：**脱气后真空度可达-0.94bar以上。可选配二次脱氧系统，真空泵循环冷却无水耗。
   High efficiency deaeration: Vacuum degree reaches -0.94bar. Double stage deaeration available, no water consumption of vacuum pump.

3. **高精度糖水混合：**糖水混合比调节范围1:2~1:10，成品白力度精度低于±0.05。
   High accuracy Brix control: Water/syrup regulation scope 1:2~1:10, accuracy of final product Brix is better than±0.05.

4. **高精度碳化：**碳化倍数偏差可稳定控制在设定值的±0.05GV。
   Accurate carbonation: Gas volume online adjustable, accuracy achieves better than ±0.05GV.

5. **物料损耗低：**采用在线配比技术，最大限度较少开机和转产时糖浆的损耗。
   Lowest wastage: Maximum reduction of syrup wastage in startup and changeover.

6. **可选Anton Paar在线糖度和CO_2检测仪。**
   Option: Brix&CO_2 monitor made of Anton Paar or equivalent.

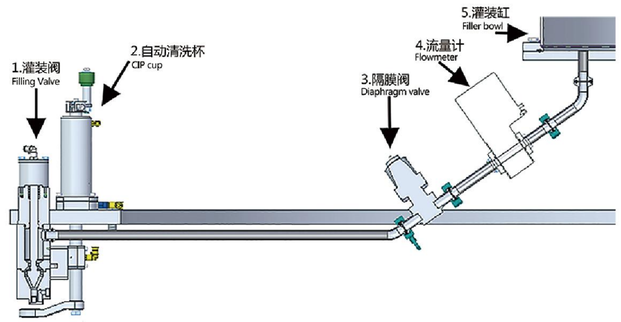
PET瓶灌装包装生产线
PET BOTTLING LINE

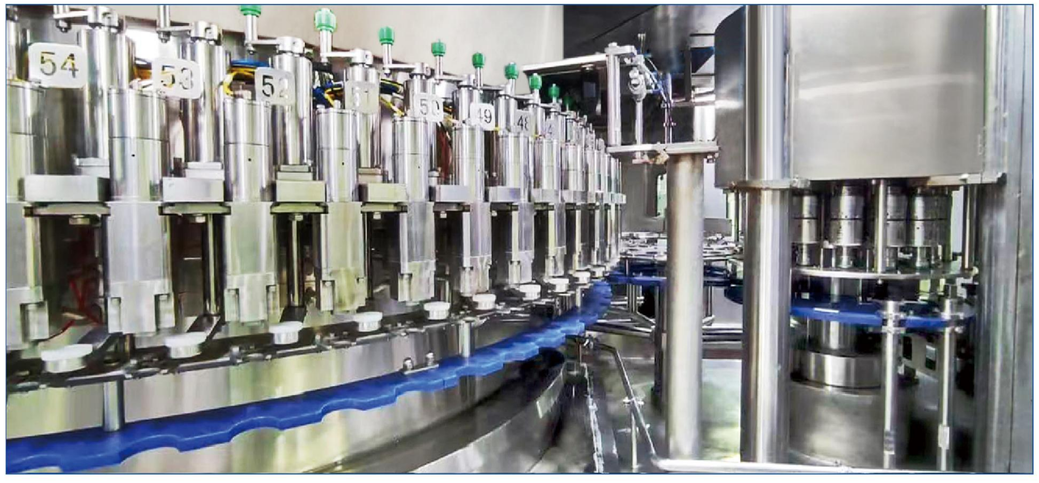
非含气产品灌装系统
Non-carbonated Drinks Filling



适用于水、果汁、茶、咖啡等非含气饮料的常温或者热灌装，通常采用非接触电子阀灌装，也可采用传统机械阀。

It is suitable for ambient filling or hot filling juice, water, tea, coffee drinks etc. Normally adopt electronic valve non-contact filling, meanwhile, mechanical valve filling also available.









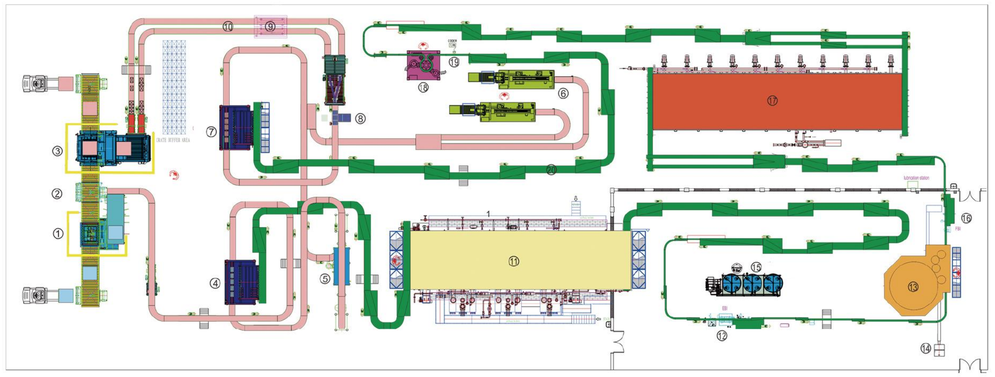


玻璃瓶灌装包装生产线
GLASS BOTTLING LINE

产线速度：

6,000~60,000 瓶/时

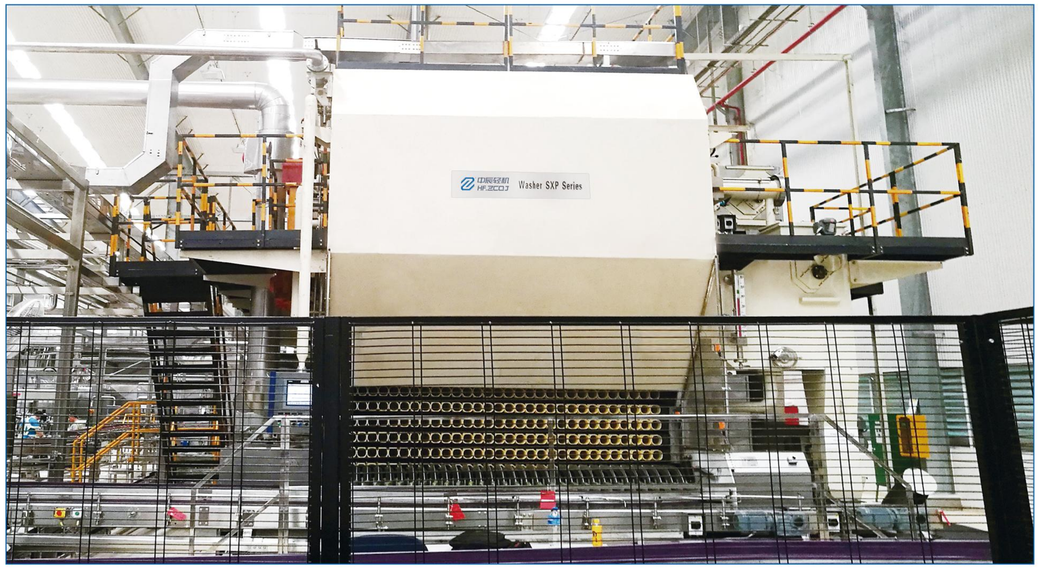
Line Capacity: 6,000~60,000bph



① 卸箱垛机	Crate depalletizer	⑧ 满箱检测机	FCI	⑮ CIP	
② 垛板仓	Pallet magazine	⑨ 封箱机	Carton sealer	⑯ FBI	
③ 码箱垛机	Crate/carton palletizerr	⑩ 输箱带	Pack/carton conveyor	⑰ 巴氏杀菌机	Tunnel pasteurizer
④ 卸箱机	Decrater	⑪ 洗瓶机	Bottle washer	⑱ 贴标机	Labeler
⑤ 洗箱机	Crate washer	⑫ EBI		⑲ 喷码机	Bottle coder
⑥ 纸箱成型机	Caron erector	⑬ 灌装压盖机	Filler & crowner	⑳ 输瓶线	Bottle conveyor
⑦ 装箱机	Crate/carton packer	⑭ 输盖机	Crown elevator		

玻璃瓶灌装包装生产线
GLASS BOTTLING LINE

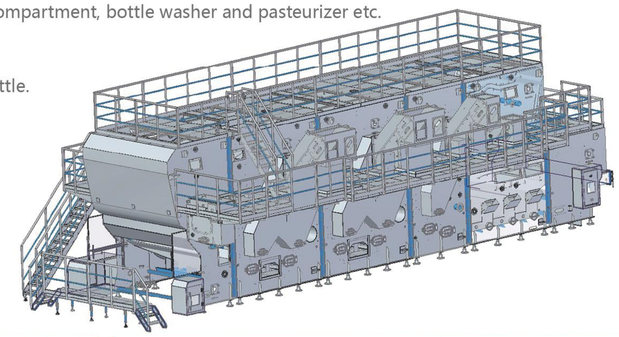
饮料、啤酒洗瓶机
Glass Bottle Washer



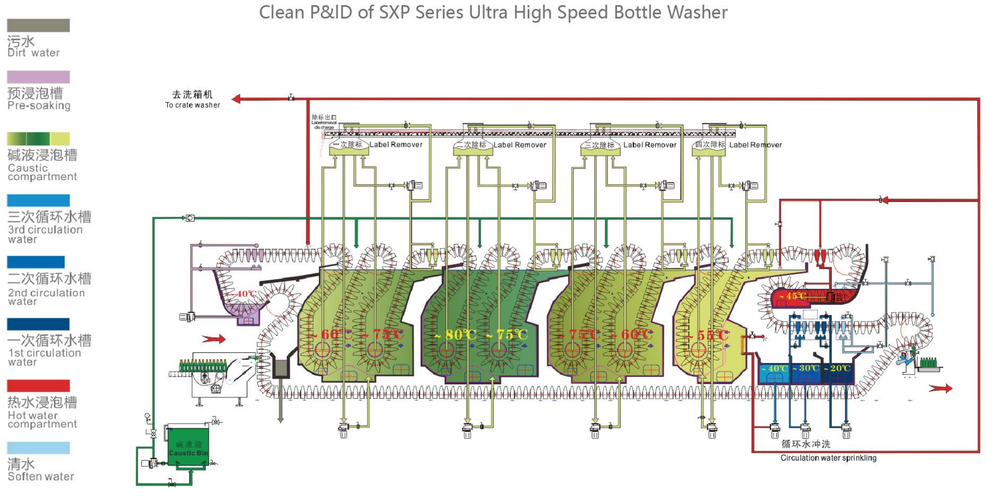
该设备适合于啤酒、饮料、白酒、调味品行业等玻璃瓶的清洗，具有超强节水节能特点。

The bottle washer is suitable for washing glass bottles of beer, beverage, alcohol, condiment, etc, with features of water & energy saving.

1. 进水压力、流量可调，减少停机、不同瓶型时的水耗。
   Fresh water inlet pressure and volume adjustable to reduce water consumption during machine stop and facing different bottle sizes.
2. 减小喷淋孔径、增加循环喷淋次数。
   Reduce spray nozzle size, raise circulation circles.
3. 循环水可接至洗箱机等其他设备循环利用。
   Circulated water can be used for other line equipment like crate washer etc.
4. 最后碱槽和第一碱槽的热能交换，同时可与杀菌机进行热能交换。
   Heat exchange between 1st and last caustic compartment, bottle washer and pasteurizer etc.
5. 平均水耗可控制在每瓶160~200ml。
   Average water consumption is 160~200ml/bottle.



SXP系列超高速双端洗瓶机清洗流程图
Clean P&ID of SXP Series Ultra High Speed Bottle Washer

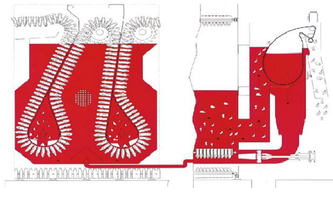




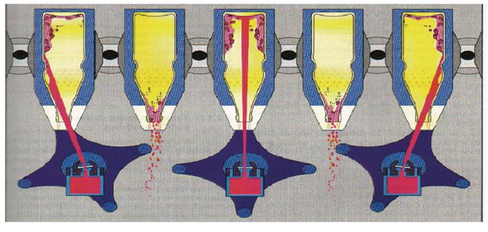
进瓶 Bottle Infeed



出瓶 Bottle Discharge



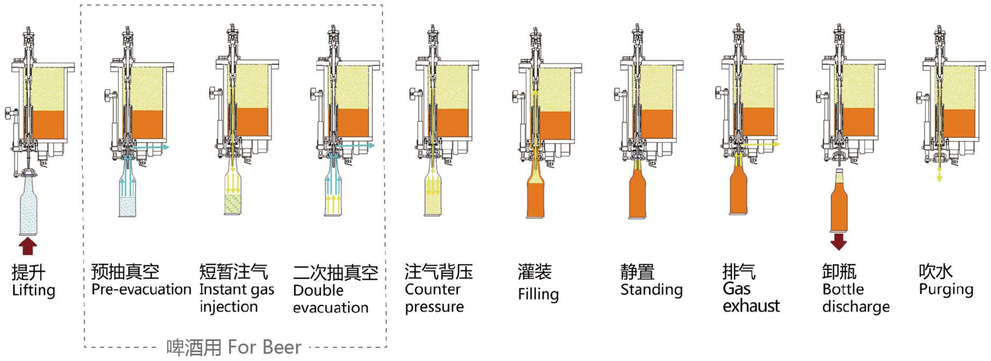
链网除标 Label Remover



旋转喷淋 Rotary Rinsing

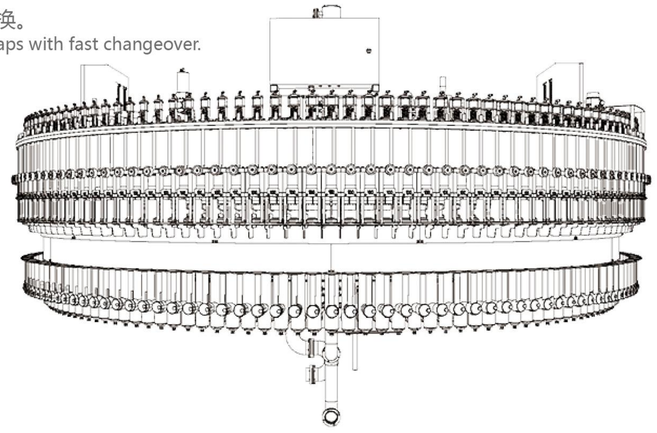
玻璃瓶灌装包装生产线
GLASS BOTTLING LINE

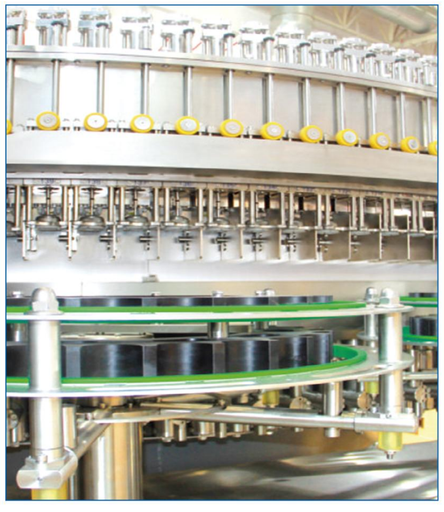
饮料、啤酒灌装机
Beverage & Beer Filler





1. 有电子气动阀灌装和探针灌装形式，灌装精度高。
   Adopt electo-pneumatic or probe valve with high filling precision.
2. 卫生型设计，适合饮料常规啤酒和纯生啤酒。
   Hygienic design suitable beverage pasteurized beer and draft beer.
3. 采用二次抽真空（真空度≤-0.085Mpa），确保增氧量要求。（啤酒）
   Double pre-evacuation (vacuum degree≤-0.085Mpa) to ensure lowest O2 pickup.（Beer）
4. 无瓶不抽真空、不灌装。
   No bottle no pre-evacuation and no filling.
5. 配置高压激泡，压力与主机速度同步调节。（啤酒）
   Equipped with high pressure jetting, bubble pressure sync control with filling speed.（Beer）
6. 可同时适用皇冠盖和拉环盖，快速切换。
   Suitable for both crown corks & ringpull caps with fast changeover.







电子气动阀灌装阀
Electro-pneumatic Filling Valve

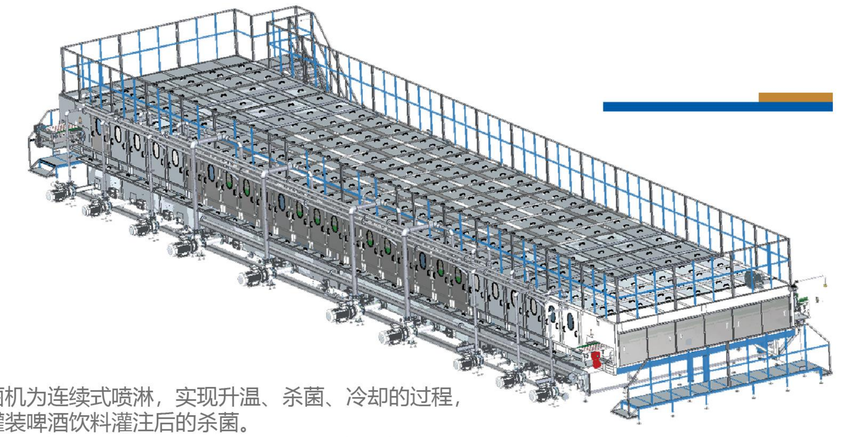


探针阀
Probe Filling Valve

玻璃瓶灌装包装生产线
GLASS BOTTLING LINE

杀菌机
Tunnel Pasteurizer





1. 本系列隧道式杀菌机为连续式喷淋，实现升温、杀菌、冷却的过程，用于各种瓶装、罐装啤酒饮料灌注后的杀菌。
Tunnel pasteurizer is mainly to pasteurize beer / beverage products by spaying water to warm, pasteurize and cool bottles / cans.

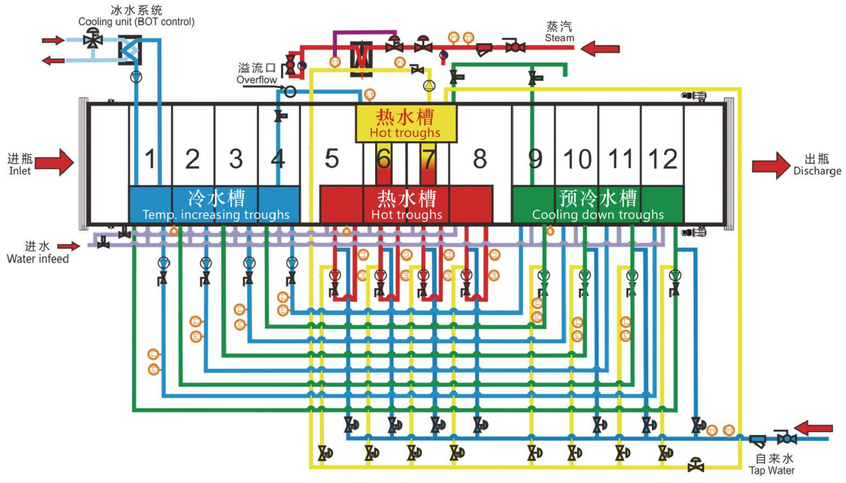
2. 全不锈钢框架，配不锈钢或工程塑料链网。
Full stainless steel structure with S.S. or engineering plastic mesh chain.

3. 根据产能或场地需求，可设计为单层或双层设备。
Single deck or double deck machine available considering machine speed and layout.

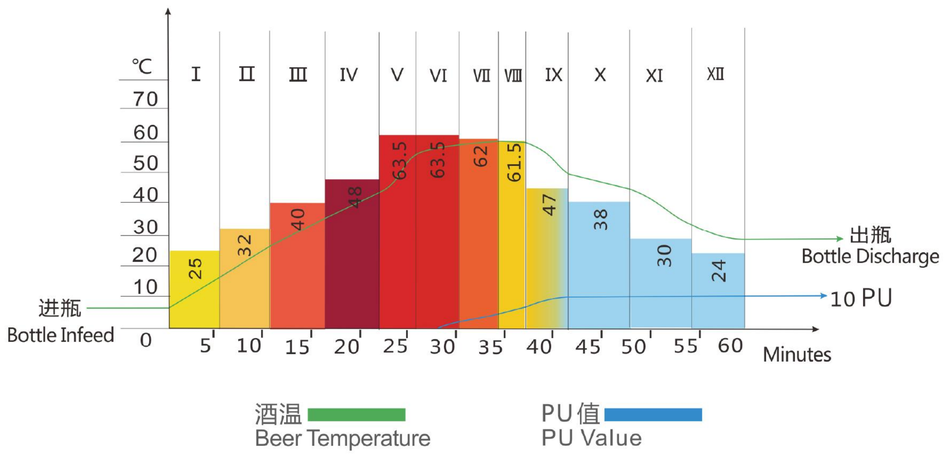
4. 系统一般为8~12个温区，采用节能型集中换热系统。
The system normally have 8~12 temperature zones, adopting energy saving centralized heat exchanging design.

5. PU自动控制系统，满足不同PU值目标。
Automatic PU control system to meet different PU value targets.

集中换热杀菌机原理图
P&ID of Central Heating Type Pasteurizer



杀菌温度曲线图
PU Curve



玻璃瓶灌装包装生产线
GLASS BOTTLING LINE

调味品（黄酒、醋、酱油）烈酒、红酒等
Filling System of Condiments (Rice wine, Vinegar, Soya sauce), Liquor, Wine etc.



黄酒灌装 Rice Wine Filling



汽酒灌装 RTD Filling



红酒灌装 Red Wine Filling



醋/酱油灌装 Vinegar/ Soya Sauce Filling



烈酒灌装 Spirits Filling

封盖系统
Bottle Capper



皇冠盖 Crown Cork



铝旋盖 Aluminum Cap



拉环盖 Ringpull Cap



塑料盖 Plastic Cap

易拉罐灌装包装生产线
CANNING LINE

产线速度：

9,000~90,000 罐/时

Line Capacity: 9,000~90,000cph



设备组成

包括卸罐垛机、空罐检测、冲罐机、灌装机、封口机、液位检测、翻罐器、温罐机/杀菌机、吹干机、喷码机、膜包/箱包包装机、码垛机、缠绕机、输送系统、电气控制系统等在内的一整套灌装包装生产线。

Scope of Supply

Complete canning line includes bulk depalletizer, empty can inspector, can rinser, filler, seamer, filled level inspector, twister, warming/pasteurizing tunnel, dryer, coder, film/carton packer, palletizer, stretch wrapper, conveyors, electrical control system etc.

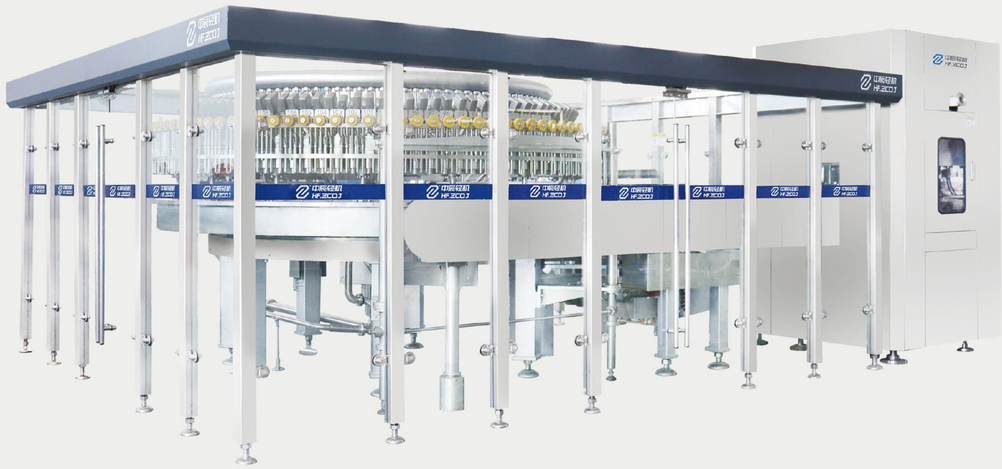




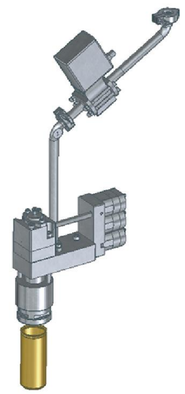
易拉罐灌装包装生产线
CANNIING LINE

饮料、啤酒灌装系统
Beverage & Beer Filling

1. 流量计阀灌注，灌装精度高；另有可选经济型量筒阀。
   Flowmeter valve with high filling precision; Option:Economic type electronic pre-metering valve.
2. 含气饮料灌装温度高达20度，节能降耗。
   Raised filling temperature upto 20℃ to save energy for CSD.
3. 环缸/桶缸设计，以及阀内流道简洁，易于清洗。
   Tubular/drum bowl design and simple internal filling valve chamber, easy to clean.
4. 自动CIP清洗杯，提升工作效率。
   Automatic CIP cup raised working efficiency.
5. 可同时适用含气饮料和热灌装非含气饮料灌装封口。
   CSD & NCB beverage in one Filler/ Seamer available.

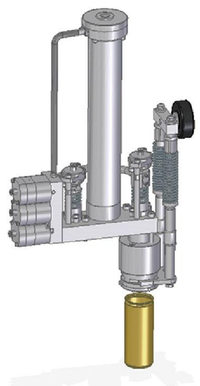






流量计阀
Flow Meter Valve





量筒阀
Pre-metering Valve

易拉罐灌装包装生产线
CANNIING LINE

封口机
Can Seamer



选配功能 Options

多功能气体控制单元
Modular gas control unit

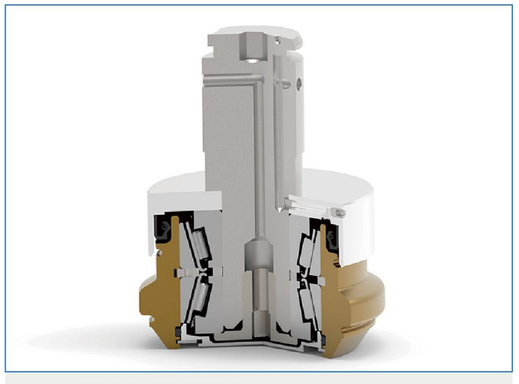
消泡装置
Bubble breaker

抽吸装置
CO_2 exhaust unit

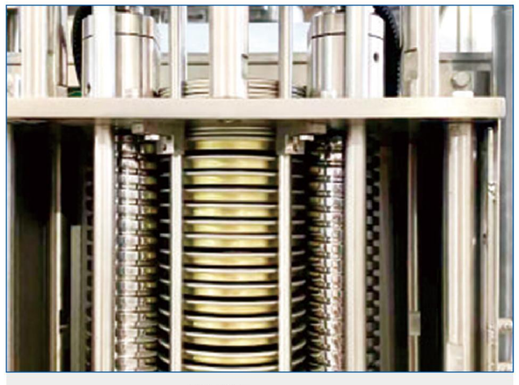
输罐线透明防护罩
Conveyor cover between filler & seamer

输罐线清洗功能
COP function for entire machine and conveyors

蒸汽或紫外线的盖杀菌装置
Steam / UV lids sterilization



辊轮自动润滑油路 Auto Roll Lubrication



盖杀菌 Lids Sterilization

主要特征 Main Features

1. 适用于铁罐、铝罐、PE罐等多材质罐的卷封。
Applicable for multiple cans like aluminum, tinplate and plastic cans etc.

2. 适用于普通罐、纤体罐、mini罐等多种罐型规格。
Applicable for normal, slim, sleek, stubby cans etc.

3. 产品接触的卷封区域全不锈钢构造，提高卫生性能。
Stainless steel for visual parts & product contact parts.

4. 传动及卷封辊的自动闭式循环润滑，实现设备的不停机运行和低成本维护。
Automatic closed loop lubrication for driving and seaming rolls, contribute to nonstop operation and low maintenance cost.

5. 模块化换型方式，极大缩减变更件的更换时间。
Modular design for quick changeover.

6. 一键自动升降装置，便于罐高换型调整。
Motorized height adjustment.

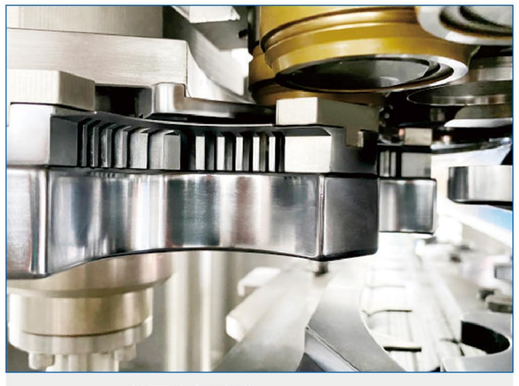
7. 盖下吹气喷嘴(吹扫)，适用于CO_2/N_2/蒸汽等多种气体的置换。
CO_2 / N_2 / Steam flushing for under cover gassing.

8. 二道卷封脱开装置，便于一道卷封参数的调整。
Disengageable for 2nd seaming roll for accurate seaming parameters.

9. 与灌装机连接采用伺服或机械驱动。
Servo or mechanical connection with filler.

10. 多种安全保护装置，保障操作人员及设备安全。
Safety protection device.

机　型 Model	卷封头数 Heads Quantity	产能(cpm) Speed(cpm)	适用罐径(mm) Can Diameter(mm)	适用罐高(mm) Can Height (mm)	链条节距(mm) Chain Pitch(mm)
SH12	12	1800	50～66	70~170	95.25
SH08	8	1000	53～66	70~170	100.01
SH06	6	800	50～87	70~170	133.35
HF06	6	600	50～100	70~170	139.7
HF04	4	300	50～100	90~190	星轮传输 Block with filler
HF01	1	30	50～100	70~170	星轮传输 Block with filler



盖下吹气喷嘴 Gas Flushing



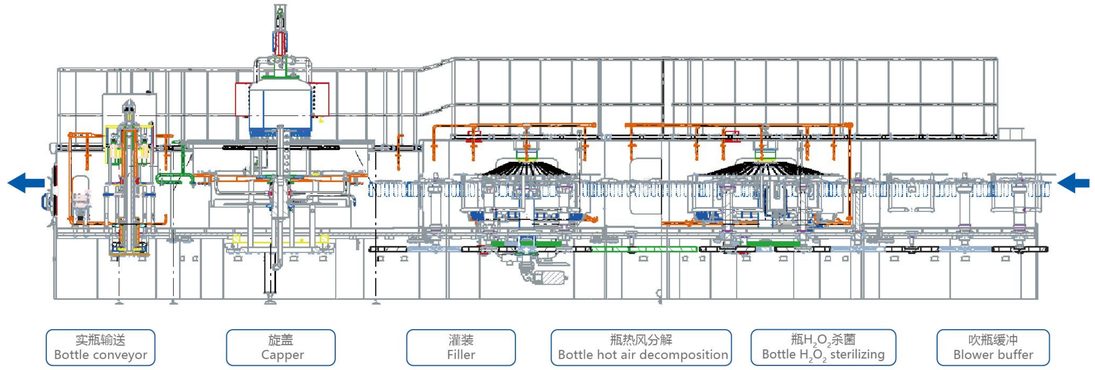
卷封轮 Seaming Parts

干法无菌/超洁净灌装包装生产线
DRY-ASEPTIC & ULTRA-CLEAN FILLING LINE

产线速度：

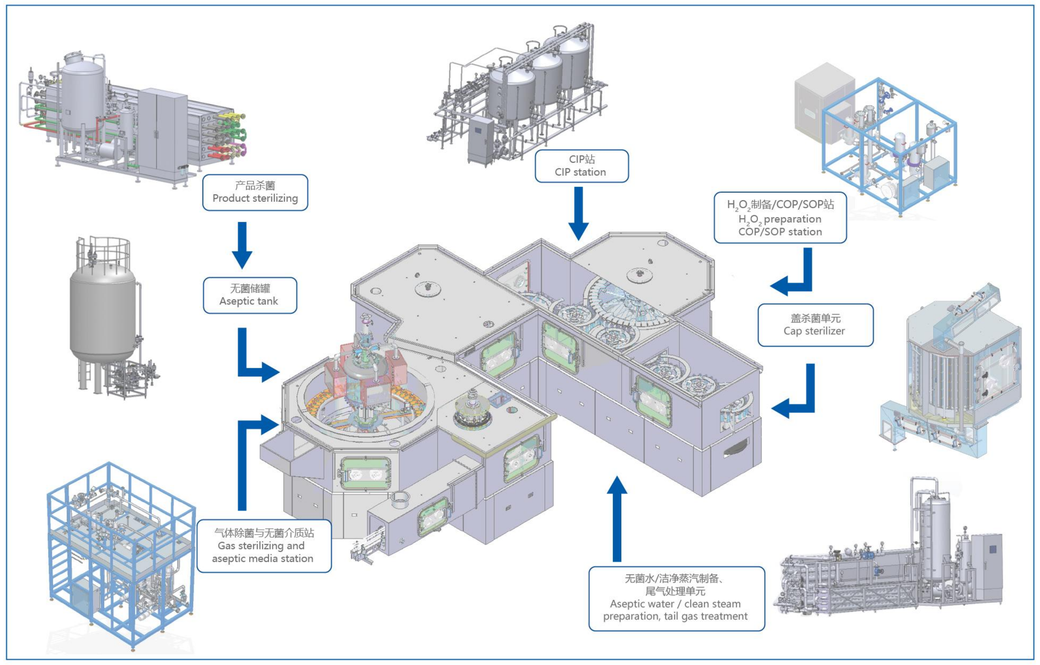
12,000~48,000 瓶/时

Line Capacity: 12,000~48,000bph



内部杀菌：CIP+SIP+无菌屏障系统
Inside sterilizing: CIP+SIP+Aseptic barrier system

外部杀菌：COP+SOP+正压隔离系统
Outside sterilizing: COP+SOP+Positive pressure isolation system



干法无菌的特点
Dry-aseptic Line Characteristics

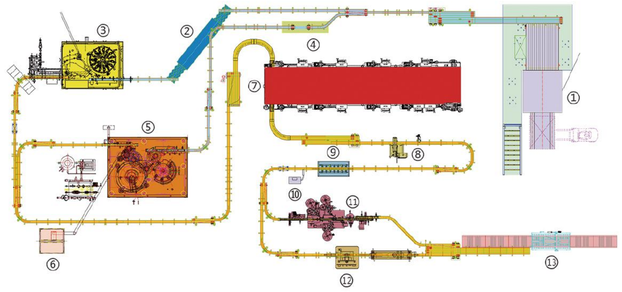
1. 相比于传统的湿法无菌，干法无菌更环保。
Compared to traditional wet-aseptic, dry-aseptic is more environment friendly.
2. 灭菌强度：瓶内6log，瓶外5log, 盖子6log。
Sterilizing level: 6 log inside bottles and caps, and 5 log outside of bottles.
3. 物料无菌：产品UHT+无菌储罐。
Product aseptic: UHT+ aseptic tank.
4. 瓶、盖无菌： 汽化H_2O_2/无菌热风分解，生产中减少水的消耗。
Bottle & cap aseptic: Vaporization H_2O_2 / aseptic hot water decomposition, reduce water consumption.
5. 瓶成型后，汽化H_20_2杀菌，彻底杜绝吹瓶机的非无菌影响。
Vaporization H_2O_2 sterilization for bottles after blowing machine.
6. 分解区空间加热，避免残留。
Space heating at decomposition area, avoid residue.
7. 应用盖杀菌缓冲技术，消除卡盖造成的生产中断影响。
Apply cap sterilization buffering technology, reduce influence of machine stop due to cap block.
8. 生产中无需短杀，提高生产效率。
No need short sterilization during production.
9. 吹灌旋和风道自由组合，布局更柔性。
Applicable for combi-bloc and also blower+filler with air conveyor.
10. 杀菌工艺适用于PET和HDPE。
Sterilizing process suitable for both PET and HDPE.

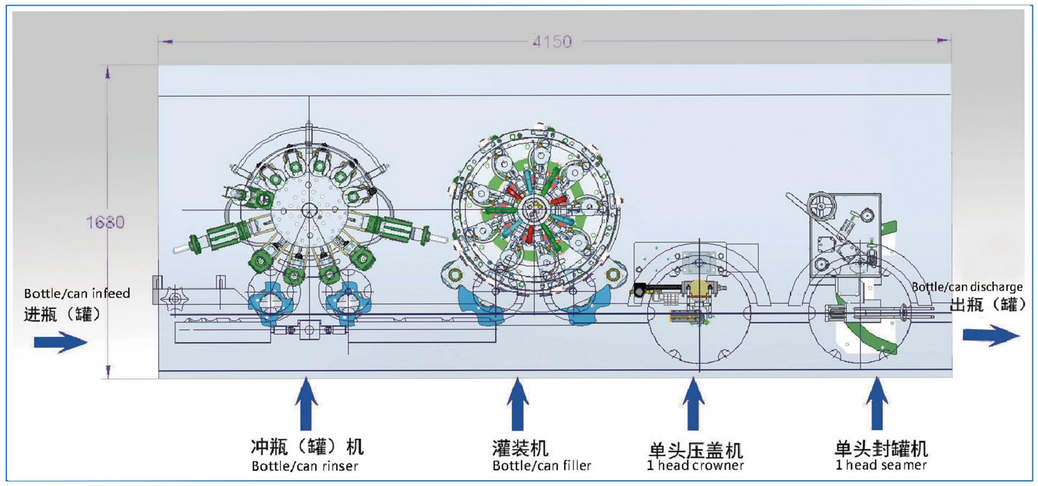


精酿啤酒柔性生产线
CRAFT BEER FLEXIBLE PRODUCTION LINE



①	卸瓶(罐)垛机	Bottle (can) depalletizer
②	冲罐器	Can rinser
③	易拉罐灌装封罐机	Can filler & seamer
④	垂直夹瓶机	Vertical bottle clamper
⑤	玻璃瓶/马口铁充灌压四联机	Glass / tinplate bottle 4 in 1 filling block
⑥	输盖机	Cap elevator
⑦	杀菌机	Tunnel pasteurizer
⑧	液位检测	Fill level inspector
⑨	.吹干机	Dryer
⑩	喷码机	Date coder
⑪	贴标机	Labeler
⑫	套标收缩机	Shrink labeler
⑬	封箱机	Carton sealer







16-16-5-4玻璃瓶四联机
Model 16-16-5-4 Glass Filling Block



20-04易拉罐灌装封口一体机
Model 20-04 Can Filler & Seamer



12U杀菌机 Model 12U Tunnel Pasteurizer

新型容器灌装包装生产线
INNOVATION CONTAINERS BOTTLING LINE

01
马口铁
Tin-plate Can





02
铝瓶
Aluminum Bottle

03
PET桶
PET Keg



04
铝瓶罐
BC Can





05
不锈钢瓶
S.S. Bottle

06
各种盖型
Multiple-lids



干区包装设备
DRY PACKAGING EQUIPMENT SUBSIDIARY

宝鸡诺博台科智能包装设备有限公司是以制造饮料、酒水、调味品、纸巾、智慧农业等行业的智能自动化包装和物流设备、以及安装、调试、维护、配件供应等为主的现代化企业。

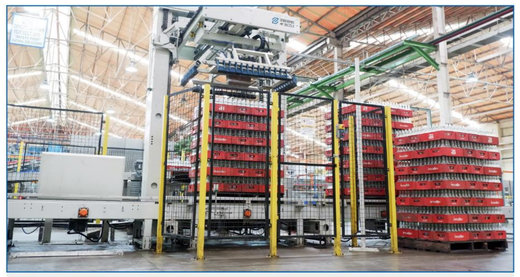
Baoji Robotech Intelligent Packaging Equipment Co., Ltd. is a modern enterprise mainly engaged in manufacturing intelligent automatic packaging and logistic equipment, installation, commissioning, maintenance and spare parts supplying for beverage, beer, seasoning, tissue, intelligent agriculture and other industries.



卸瓶（罐）垛机 Bulk Bottle / Can Depalletizer



卸箱垛机 Crate Depalletizer



龙门码垛机 Gantry Palletizer



机器人码垛机 Robot Palletizer



纯膜膜包机 Film Shrink Packer



膜+纸板包装机 Film+Pad Packer



膜+半托包装机 Film+Tray Packer



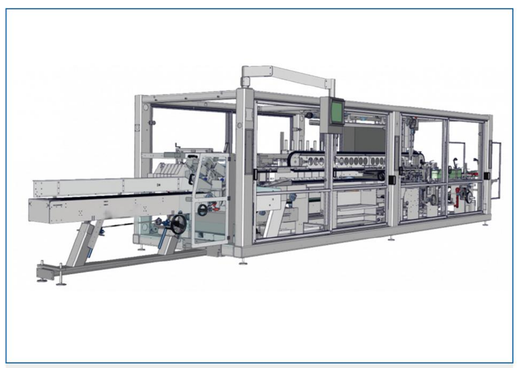
纸包机 Carton Packer



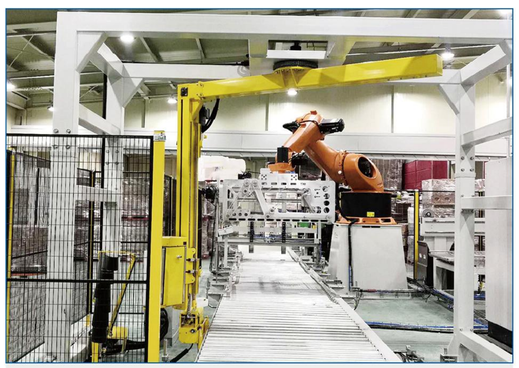
卡包机 Cluster Packer



装卸箱机 Crate Packer / Unpacker



冰箱包包装机 Refrigerator-pack Packer



缠绕机 Stretch Wrapper

智能传送设备
INTELLIGENT CONVEYORS SUBSIDIARY

南京新顺通智能装备科技有限公司，制造面向全产业链的智能输送设备，适应各行各业的输送需求。

Nanjing Stong Intelligent Conveyor Co., Ltd manufactures intelligent conveying system for whole industry chain, suitable for different industries.



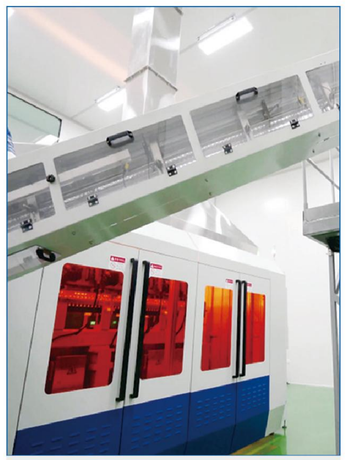
输盖 Cap Feeder



易拉罐输盖 Can Lid Supply



瓶/罐输送 Container Conveyor



输胚 Perform Conveyor



风送 Air Conveyor



螺旋 Spiral Conveyor



垛板输送 Pallet Conveyor



AGV



箱带 Pack Conveyor

灌装包装生产线通用设备
UNIVERSAL EQUIPMENT FOR PRODUCTION LINE



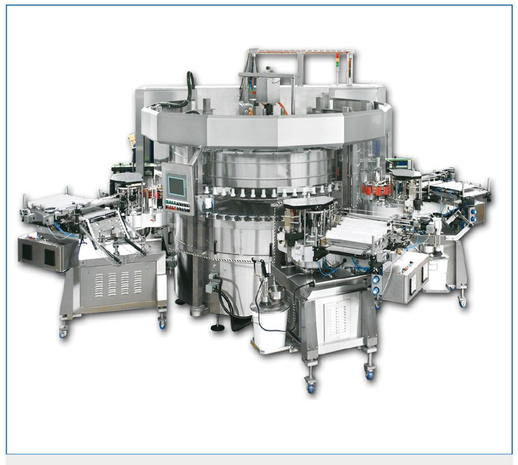
冷/温瓶机 Cooling / Warming Tunnel



洗箱机 Crate Washer



超声波洗箱机 Ultrasonic Crate Washer



贴标机 Labeler



套标机 Sleeve Labeler



检测设备 Inspection Machine

流体过程装备
LIQUID PROCESSING EQUIPMENT

水处理
Water Treatment Plant

软化技术
Softening Technology

反渗透技术
RO Technology

超滤技术
UF Technology

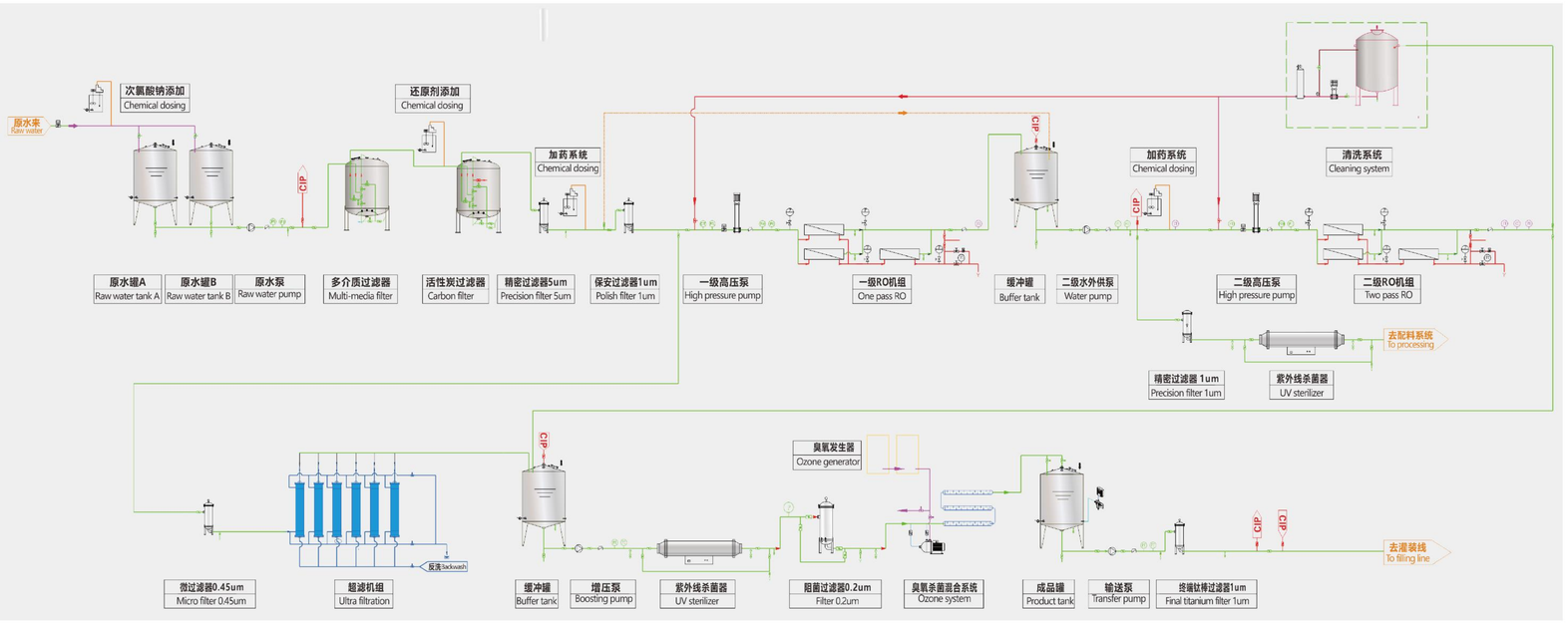
设备产能：

3~300 立方米/时

Treatment Capacity: 3~300M3/H







流体过程装备
LIQUID PROCESSING EQUIPMENT

前处理工程
Processing Plant



溶糖技术 Sugar Dissolving Technology



杀菌技术 Pasteurizing Technology



配料技术 Blending Technology



CIP

整厂设备交钥匙工程
EQUIPMENT TURN-KEY PROJECT

整厂设备交钥匙工程
Scope of Equipment Turn-key Project

1.0 灌装包装工程 Liquid Bottling
- 1.1瓶装罐装生产线 Liquid Bottling/Canning Line
- 1.2辅助设备 Auxiliary Equipment

2.0 前处理工程 Processing System
- 2.1 水处理 Water Treatment
- 2.2 配料工程 Blending

4.0 整厂管道集成 Plant Piping Integration

5.0 整厂电气集成 Plant Electrical Integration

6.0 工厂辅助设备 Auxiliary Equipment

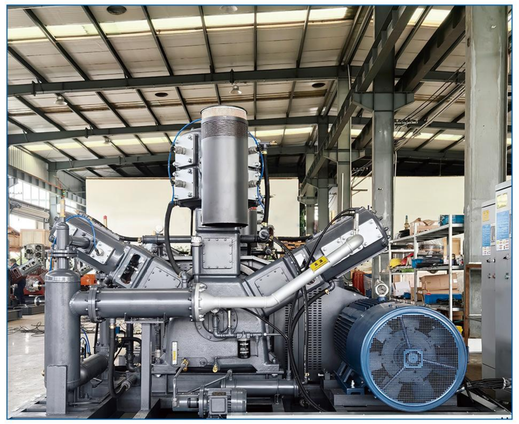
3.0 公用系统工程 Utilities System
- 3.1 锅炉系统 Boiler
- 3.2 制冷系统 Refrigeration
- 3.3 冷却塔系统 Cooling Tower
- 3.4 空压系统 Air Compressor
- 3.5 液氮系统 Liquid Nitrogen System
- 3.6 CO_2系统 CO_2 System
- 3.7 配电工程 MCC Room & Cabling
- ……





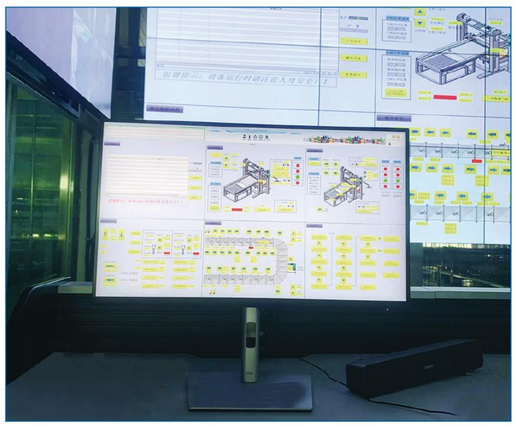




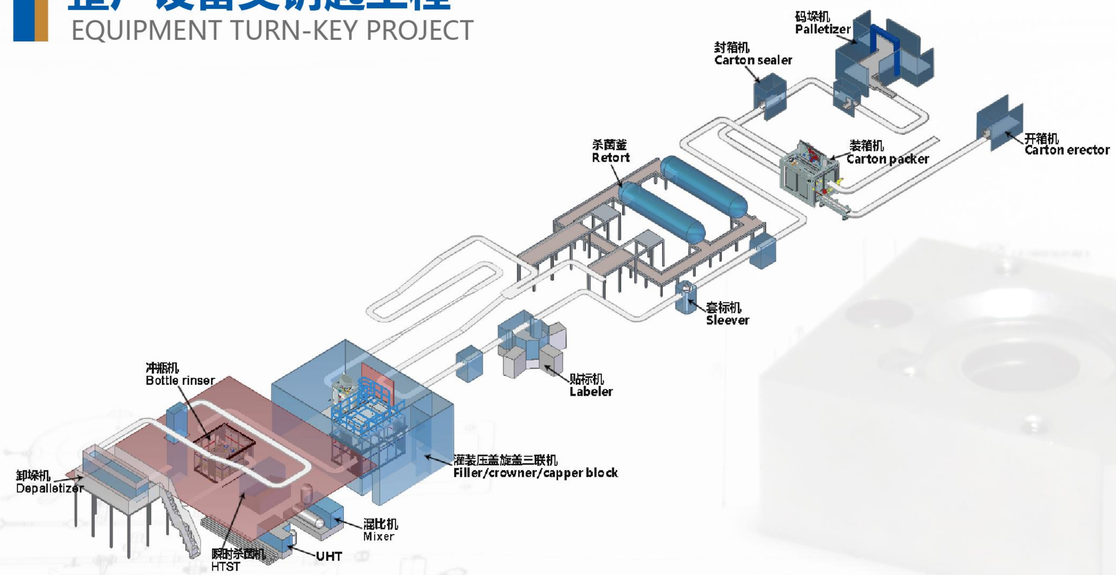




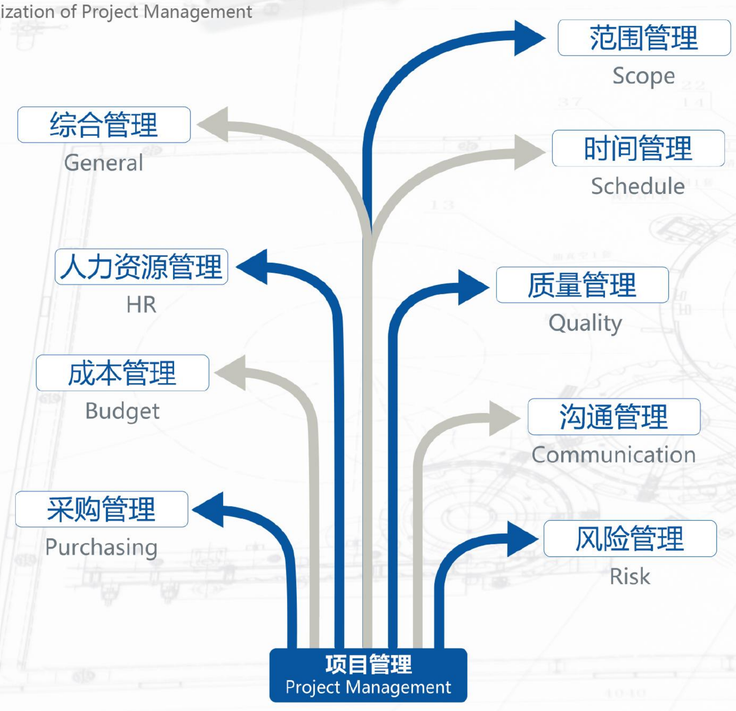




整厂设备交钥匙工程
EQUIPMENT TURN-KEY PROJECT



项目管理标准化
Standardization of Project Management





一站化服务体系和整线运维
One Station Service System and Remote Support

- 咨询顾问 Inquiry & Consultant
- 工程设计 Engineering Design
- 安装调试 Installation & Commissioning
- 系统培训 Systematic Training
- 专业维护 Professional Maintenance
- 备品备件 Spare Parts

主动贴心服务 Customer Oriented Service

现场施工和培训
Site Installation and Training



