



华商机械
HUASHANG

WENZHOU HUASHANG
MACHINERY TECHNOLOGY CO.,LTD
温州市华商机械科技有限公司

- 地址Add: 中国浙江省温州市经济技术开发区沙城街道沧宁西路1号
No.1 Cangning west road, Shacheng Sub-street, Wenzhou Economic and Technological Development Zone, Zhejiang, China
- 电话Tel: +86-577-86996389
- 邮箱E-mail: hs@huashangmachinery.com
- 网址<https://www.huashangtank.com>

销售与服务热线
Sales and service hotline

15905773235



乳制品生产线成套设备
DAIRY PRODUCTION LINE COMPLETE EQUIPMENT



华商机械
HUASHANG

+... 企业简介 COMPANY PROFILE

华商机械创建于2014年。超过12年的不断积累，我们的业务范围遍及食品、饮料、日化及个人护理行业、精细化工、制药行业、新能源电子半导体、新能源锂电反应釜等行业，并致力于制造、安装、自控、验证及服务于一体的整体解决方案。

为客户提供最具挑战和核心价值的工艺罐体及工艺模块系统解决方案。华商始终坚持以稳定的产品质量，严谨的工程设计和完善的用户服务，赢得客户的长期信赖，助力全球客户实现高效生产与持续发展。

Huashang Machinery was founded in 2014. More than 12 years of continuous accumulation, Our business scope covers industries such as food, beverage, daily chemicals and personal care, fine chemicals, pharmaceutical industry, new energy electronics and semiconductors, and new energy lithium battery reactors, and is committed to providing an integrated solution that combines manufacturing, installation, automation control, validation and service.

We offer the most challenging and core value process tank and process module system solutions for our customers. Huashang has always adhered to maintaining stable product quality, rigorous engineering design and comprehensive user service, Huashang has always won the long-term trust of customers and helped global customers achieve efficient production and sustainable development. We warmly welcome your inquiries and we will do our best to build an ideal factory for you!



企业愿景 CORPORATE VISION

成为全球领先的工艺罐体及工艺模块系统解决提供商！
Become a leading global provider of process tanks and process module system solutions.



企业使命 ENTERPRISE MISSION

匠造健康未来，智领行业标准。
Crafting a healthy future, leading industry standards.



企业精神 ENTREPRENEURIAL SPIRIT

匠心、创新、责任。
Craftsmanship, Innovation, Responsibility.



核心价值观 CORE VALUES

效率成就品牌，诚信铸就未来！
Efficiency builds brands; integrity shapes the future!



你有需求， 我们就有解决方案 YOU HAVE NEEDS, WE HAVE THE SOLUTION



食品饮料
Food and beverage



果蔬加工
Fruit and vegetable
processing



乳制品
Dairy products



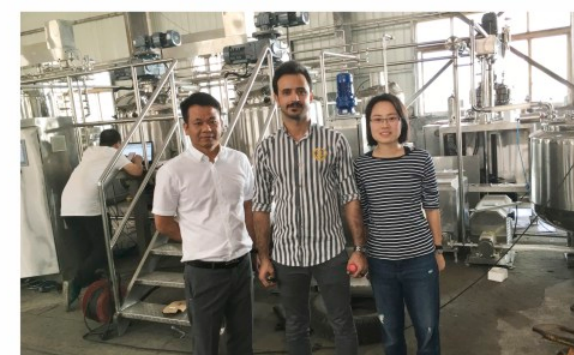
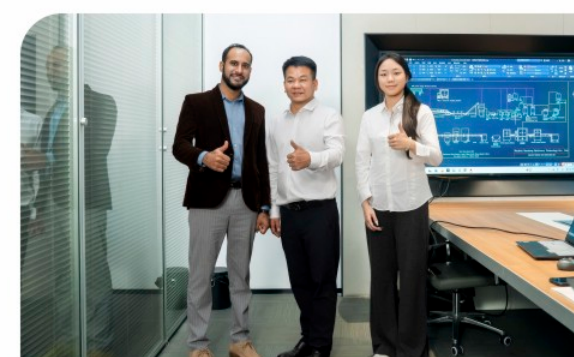
日化液洗
Daily chemical wash



+... 团队管理 TEAM MANAGEMENT

科学优化的组织机构是企业运作的良好基础。在长期的磨合与实践过程中，我们铸就了一支优秀的设计、研发、经营销售的管理团队。完善的创新制度结构，高效、严谨的运行机制，是良好的管理决策和稳健的业务发展的坚实基础。

A scientifically optimized organizational structure is a good foundation for enterprise operations. In the long-term running-in and practice process, we have created an excellent management team in design, R&D, operation and sales. A complete innovation system structure and an efficient and rigorous operating mechanism are the solid foundation for good management decisions and steady business development.



+... 合作与客户 COOPERATION & CUSTOMER

以客户需求为中心，以客户满意为标准，为我们的客户提供优质的服务。我们供应完美品质的同时，整合全球服务网络，提供全方位的售前、售中、售后服务，无论何时何地，我们将尽一切可能满足您的需求。

Customer demand as the center, customer satisfaction as the standard, to provide our customers with quality service. We supply perfect quality at the same time, integrated global service network, to provide a full range of pre-sale, sale, after-sales service, no matter when and where, we will do everything possible to meet your needs.

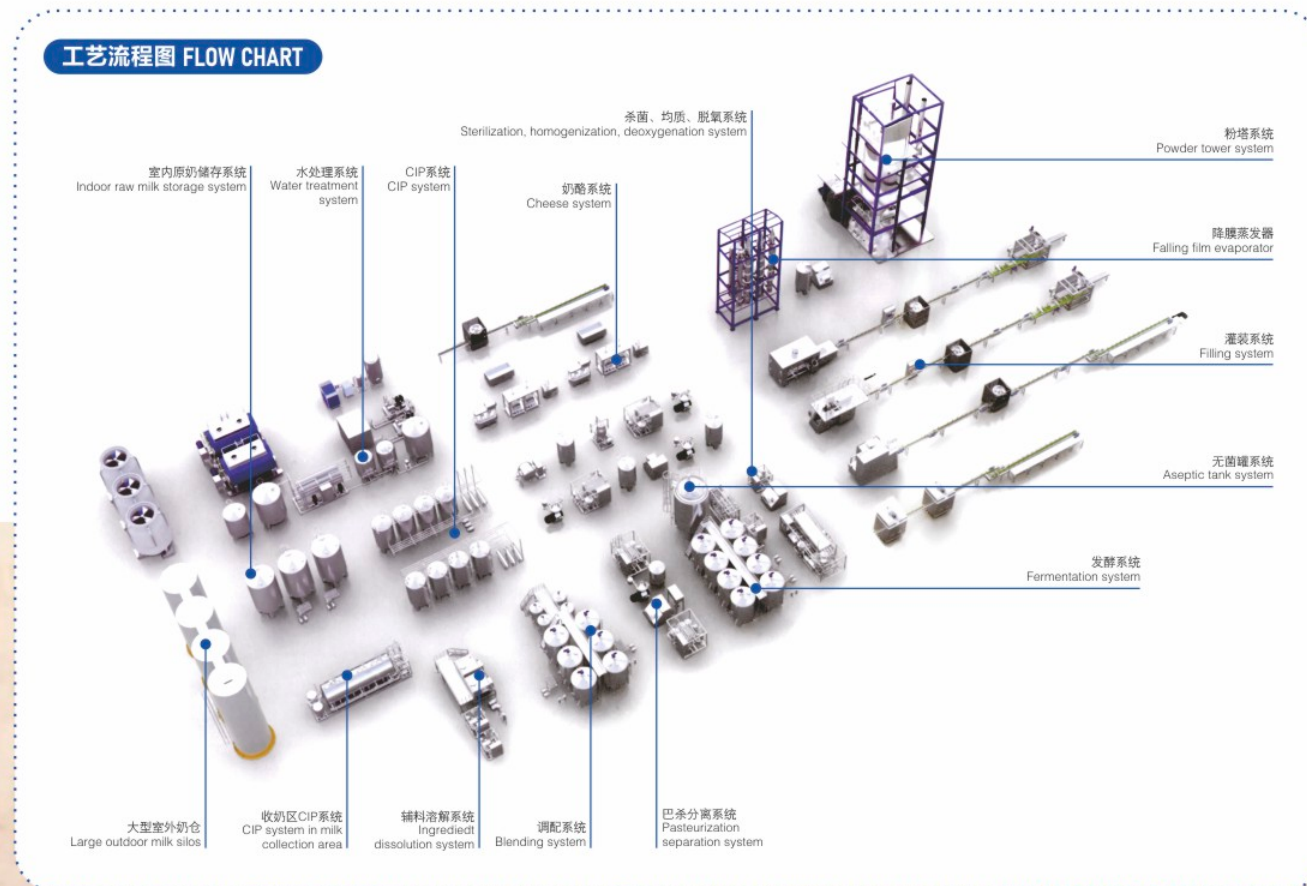
+... 生产装备 PRODUCTION EQUIPMENT

生产工具是生产力发展水平的标志，
先进的生产设备代表了先进的生产力。公司积极引进
先进的技术和生产设备，使产品内在品质与外在个性化紧密
结合，完全满足并引领工业现代化的需求。

Production tools are an important sign of productivity level.
Sophisticated production facilities represent advanced
productivity. By introducing superior technology and production facilities
continuously, Company perfectly integrates the internal quality of
products and the external individual designs to cater for the
requirements of industrial modernization.



+..... 乳制品加工生产线 DAIRY PROCESSING PRODUCTION LINE



+..... 搅拌罐 MIXING TANK

搅拌罐严格遵循《药品生产质量管理规范》GMP总则(2010年修订)第三十一、三十二条要求,并按《压力容器》(GB150-2011)、《钢制焊接常压容器(附标准释义)》(NB/T 47003.1-2009)要求进行设计、制造及验收。

搅拌罐一般是立式混料罐,主要是通过配料罐的搅拌操作将物料混合达到工艺生产的要求。

搅拌罐采用立式圆罐体,罐体可设有夹套、盘管、保温(可加热、冷却、保温);不锈钢的材质采用316L或304制作,内壁采用电解镜面抛光或机械抛光,外壁采用304全焊接保温结构,外表面采用镜面或亚光处理;各进出管口工艺开孔与内罐体焊接处均采用翻边工艺圆弧过渡,光滑易清洗,且无死角,外表美观。

Mixing Tank is designed, manufactured and inspected in accordance with the pressure vessel standard (GB150-2011) and the steel welded atmospheric pressure vessel standard (NB/T 47003.1-2009), strictly meeting GMP certificate requirements.

The Mixing tank is a vertical tank in which the agitator mixes the material to meet to the technical standard.

The mixing tank adopts vertical circular tanks, both of top and bottom are standard oval and torispherical head. Transition section in tank uses circular arc transition, without dead corner, easy to clean. Single layer, double layer(insulation for tank and bottom head) or Jacket(tank and bottom head have jacket and insulation) is equipped with mechanical stirring according to customers' requirement.

产品特色

- 容积有100L~5000L等多种规格,可根据客户实际需求进行设计、制造。
- 接口采用快装卡盘式(卡接),罐体内胆选用304或316L,内表面镜面抛光 $Ra \leq 0.28 \mu m \sim 0.6 \mu m$,外表面可根据客户要求要求进行抛光、拉丝、喷砂等。
- 根据生产及工艺的要求,可设计有加热、冷却、低高速搅拌系统,密封承压系统,真空系统,计量系统等。
- 针对不同的搅拌物料及要求达到的搅拌效果对搅拌桨的结构可以调整设计涡轮式、桨式、锚式、框式、螺带式等等。

典型的应用

可作储液罐、混料罐、暂存罐、调配罐等,用于中药、食品、果汁饮料、乳制品、佐料、酿造、啤酒、制药、化工及生物工程等行业的液体物料搅拌贮存。



FEATURE

- Volume:100L~5000L and multiple specification, also can design and manufacture according to customers' requirement.
- The connection adopts Tri-clamp, and the tanks' inner layer use 304 or 316L. The inner surface mirror polishing $Ra \leq 0.28 \mu m \sim 0.6 \mu m$. Outer surface can be polished, wire drawn and sand blasted according to customers' requirement.
- According to the requirements of production and processing, it can be designed with low heating, cooling, high-speed mixing system, sealing pressure system, vacuum system, measuring system and so on.
- According to different mixing materials and requirements to the mixing effect, the structure of impeller can be the turbine type, paddle, anchor type, frame type, screw conveyor and so on.

APPLICATION

Can be used as Storage Tank, mixing tank, temporary Storage Tank, mixing tank, etc., Used in liquid materials' mixing and storage such as medicine, food, fruit juice beverage, dairy products, seasoning, brewing, beer, pharmaceutical, chemical and biological engineering.

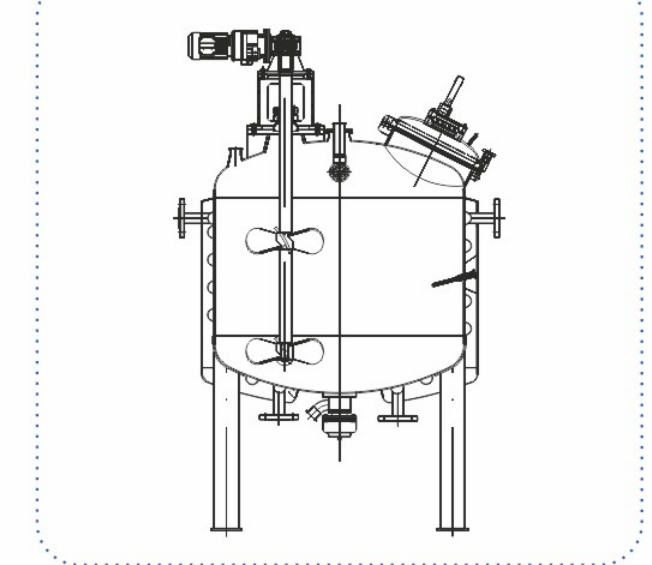
罐体可选配置

搅拌罐的罐体可选配置无菌空气过滤器、温度计(数显式或表盘式)、PH计、压力表、蒸汽灭菌口、视镜、卫生级人孔、进出液孔、CIP万向旋转清洗球、液位计及液位自控系统(承重模块、无触点超声波、静压变送式器)等,或根据客户要求要求进行配置。

TANK OPTIONAL CONFIGURATION

Mixing tank can configure aseptic air filter, thermometer(Digital display or Dial type), PH meter, pressure gauge, steam sterilization hole, sight glasses, sanitary manhole, liquid in-outlet, CIP cleaning ball, liquidometer and Liquid level control system(Bearing module, non-contact ultrasonic, static pressure transmitting device) and so on, also can be configured as customers' requirement.

常规结构 STRUCTURE



连接 CONNECTION

进出口 In-outlet	快装卡接、法兰、螺纹 Tri-clamp, Flange, Thread
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表面处理 SURFACE FINISH

处理类型 Finish type	机械抛光、电解抛光、喷砂、酸洗 Mechanical/electrolytic polishing, sand blasting, pickling
抛光精度 Polishing precision	内壁 $0.4 \mu m$, 外壁 $0.6 \mu m$ Inner surface $Ra \leq 0.4 \mu m$, Outside surface $Ra \leq 0.6 \mu m$

常规设计参数 DESIGN PARAMETER

设计压力 Design pressure	罐体按客户要求($-0.1MPa \sim 1.0MPa$) 夹套按客户要求(ATM $\sim 0.5MPa$)
设计温度 Design temperature	罐体、夹套按客户要求($0^{\circ}C \sim 160^{\circ}C$)

材料 MATERIAL

内胆 Inner shell	304、316L、双相钢、钛材、哈氏合金 304, 316L, Duplex SS, Titanium, Hastelloy
夹套 Jacket	304
保温层 Insulation	岩棉或聚氨酯 Rock wool or PU
支腿等 Legs	304

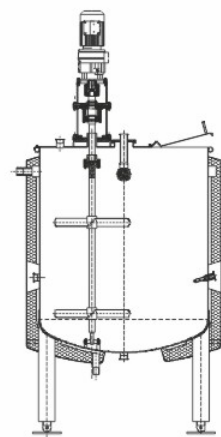
配液罐常规型号及主要技术参数 NORMAL MODEL AND MAIN TECHNICAL PARAMETERS

参数 Parameters	型号 Model	HSRPG-100	HSRPG-300	HSRPG-600	HSRPG-1000	HSRPG-2000
有效容积 Effective volume (L)		100	300	600	600	2000
罐体 Tank	直径 Diameter (mm)	$\Phi 500$	$\Phi 800$	$\Phi 900$	$\Phi 1100$	$\Phi 1300$
	高度 Height (mm)	500	700	900	1000	1500
搅拌 Mixing	电机功率 Power (kW)	0.37	0.75	1.1	1.5	2.2
	搅拌工作转速 RPM (r/min)	36~53(倾叶开启涡轮式)或200(推进式)(可根据客户使用情况进行调整设计) 36~53(Special open turbine impellers)/200(propeller)(Can adjust the design according to the customer's usage)				
参数 Parameters	型号 Model	HSRPG-3000	HSRPG-4000	HSRPG-5000	HSRPG-8000	HSRPG-10000
有效容积 Effective volume (L)		3000	4000	5000	8000	10000
罐体 Tank	直径 Diameter (mm)	$\Phi 1800$	$\Phi 1700$	$\Phi 1800$	$\Phi 2000$	$\Phi 2200$
	高度 Height (mm)	1800	1800	1800	2000	2400
搅拌 Mixing	电机功率 Power (kW)	3	4	5	7.5	9.2
	搅拌工作转速 RPM (r/min)	36~53(倾叶开启涡轮式)或200(推进式)(可根据客户使用情况进行调整设计) 36~53(Special open turbine impellers)/200(propeller)(Can adjust the design according to the customer's usage)				

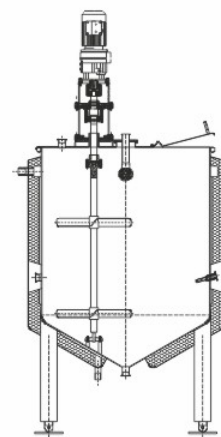
上表数据为标准型,仅供参考,可根据客户要求定制。The above-mentioned data is the standard, it can customize according to customer's requirements.

+..... 搅拌罐 MIXING TANK

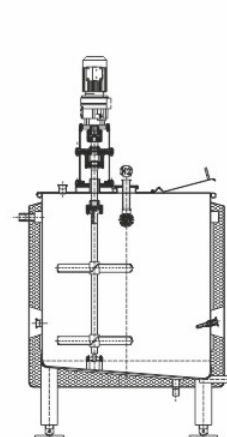
搅拌罐常规结构 MIXING TANK STRUCTION



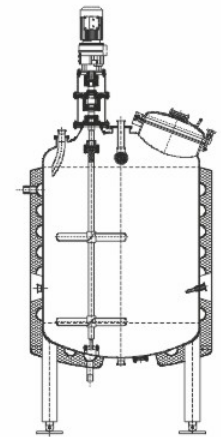
上立式碟形底搅拌罐(夹套)
Vertical type mixing Storage Tank-Dish Bottom (jacket type)



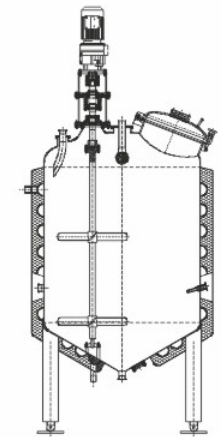
上立式锥底搅拌罐(夹套)
Vertical type mixing Storage Tank-Conical Bottom (jacket type)



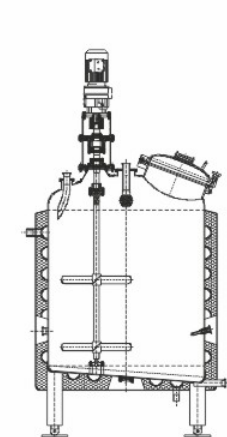
上立式平斜底搅拌罐(夹套)
Vertical type mixing Storage Tank-Tilting Bottom (jacket type)



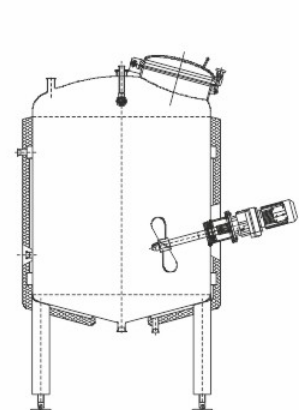
碟形底搅拌罐(夹套)
Vertical type mixing Storage Tank-Dish Bottom (Jacket type)



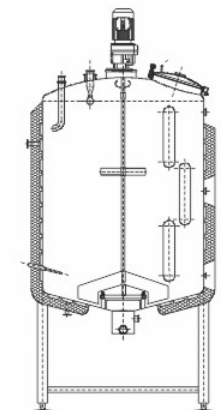
锥底搅拌罐(夹套)
Vertical type mixing Storage Tank-Conical Bottom (jacket type)



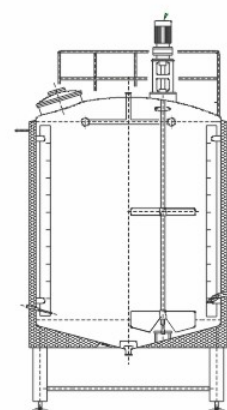
平斜底搅拌罐(夹套)
Vertical type mixing Storage Tank-Tilting Bottom (jacket type)



锥底侧搅拌罐(夹套)
Conical Bottom Agitator Storage Tankv (Jacket type)

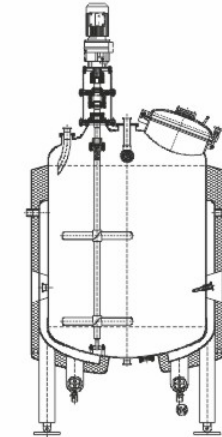


带视窗锥底搅拌罐(夹套)
Conical Bottom Agitator Storage Tank with window (Jacket type)

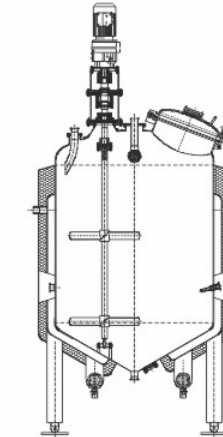


带挡流板锥底搅拌罐(夹套)
Conical Bottom Agitator Storage Tank with baffle (Jacket type)

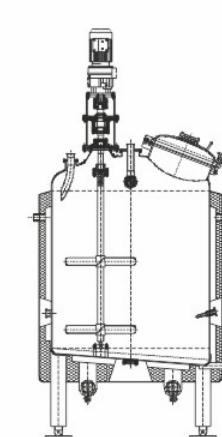
电加热搅拌罐常规结构 ELECTRICAL HEAT MIXING TANK STRUCTION



电加热碟形底搅拌罐(夹套)
Electric heating Vertical Type Storage Tank
-Dish Bottom (Jacket type)



电加热锥底搅拌罐(夹套)
Electric heating Vertical Type Storage Tank
-Conical Bottom (Jacket type)



电加热平斜底搅拌罐(夹套)
Electric heating Vertical Type Storage Tank
-Tilting Bottom (Jacket type)

常规设计参数 DESIGN PARAMETER

设计压力 Design pressure	罐体按客户要求(ATM ~ 1.0MPa) 夹套按客户要求(ATM ~ 0.5MPa)
设计温度 Design temperature	罐体、夹套按客户要求(0℃ ~ 160℃)

材料 MATERIAL

内胆 Inner shell	304、316L、双相钢、钛材、哈氏合金 304, 316L, Duplex SS, Titanium, Hastelloy
夹套 Jacket	304
保温层 Insulation	岩棉或聚氨酯 Rock wool or PU
支腿等 Legs	304

连接 CONNECTION

进出口 In-outlet	快装卡接、法兰、螺纹 Tri-clamp, Flange, Thread
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表面处理 SURFACE FINISH

处理类型 Finish type	机械抛光、电解抛光、喷砂、酸洗 Mechanical/electrolytic polishing, sand blasting, pickling
抛光精度 Polishing precision	内壁0.4 μm, 外壁0.6 μm Inner surface Ra ≤ 0.4 μm, Outside surface Ra ≤ 0.6 μm

储罐常规型号及主要技术参数 NORMAL MODEL AND MAIN TECHNICAL PARAMETERS

参数 Parameters	型号 Model	HSRCG-600	HSRCG-1000	HSRCG-2000	HSRCG-3000	HSRCG-4000	HSRCG-5000
有效容积 Effective volume (L)		600	1000	2000	3000	4000	5000
罐体 Tank	直径 Diameter (mm)	Φ 900	Φ 1100	Φ 1300	Φ 1600	Φ 1700	Φ 1800
	高度/长度 Height/Length (mm)	900	1000	1500	1500	1800	1800
搅拌 Mixing	电机功率 Power (kW)	1.1	1.5	2.2	2.2	3	4
	搅拌工作转速 RPM (r/min)	60(斜叶桨式)(可根据客户使用情况进行调整设计) 60(Paddle impeller)(Can adjust the design according to the customer's usage)					
参数 Parameters	型号 Model	HSRCG-000	HSRCG-8000	HSRCG-10000	HSRCG-12000	HSRCG-15000	HSRCG-20000
有效容积 Effective volume (L)		6000	8000	10000	12000	15000	20000
罐体 Tank	直径 Diameter (mm)	Φ 1900	Φ 2000	Φ 2200	Φ 2400	Φ 2600	Φ 2800
	高度 Height (mm)	2000	2200	2400	2500	2700	3000
搅拌 Mixing	电机功率 Power (kW)	4	5.5	7.5	7.5	11	11
	搅拌工作转速 RPM (r/min)	60(斜叶桨式)(可根据客户使用情况进行调整设计) 60(Paddle impeller)(Can adjust the design according to the customer's usage)					

上表数据为标准型, 仅供参考, 可根据客户要求定制。The above-mentioned data is the standard, it can customize according to customer's requirements.

+..... 储罐 STORAGE TANK

储罐严格遵循《药品生产质量管理规范》GMP总则(2010年修订)第三十一、三十二条要求,并按《压力容器》(GB150-2011)、《钢制焊接压力容器(附标准释义)》(NB/T 47003.1-2009)要求进行设计、制造及验收。

储罐通常采用立式圆罐体,上均为标准的椭圆形或蝶形封头,下均为标准的锥形、蝶形或椭圆形等封头,罐体内壁过渡段均采用圆弧过渡,无卫生死角,易清洗;单层、双层(罐体和下封头设有保温层)或夹套形式(罐体和下封头设有夹套和保温层),根据客户要求进行组合;罐体内镜面抛光处理,能够实现CIP和SIP,符合卫生规范要求。

储罐结构可采用立式结构或卧式结构,根据客户要求还可设计成方形、圆形等多种形状;配置机械式搅拌。

Storage Tank is designed, manufactured and inspected in accordance with the pressure vessel standard(GB150-2011) and the steel welded atmospheric pressure vessel standard(NB/T 47003.1-2009), strictly meeting GMP certificate requirements.

Storage Tanks usually adopt vertical circular tank body. The top is standard elliptic or torispherical head, and the bottom is standard conical, torispherical or elliptic head. Inner wall of tank body transition section adopts circular arc transition, no dead corner, easy to clean. Single layer, double layer (tank body and the bottom head is equipped with insulation layer) or jacket type (tank body and the bottom head is equipped with the jacket and insulation layer) can be customized for customers. Tank inner surface mirror polished meets the CIP and SIP and the GMP standard.

Usually Storage Tank structure is vertical structure or horizontal structure, it also can be designed in square and circular shapes according to customers' requirements.

产品特点

- 容积有600L~20000L等多种规格,可根据客户实际需求进行设计、制造。
- 保温层的保温材料为岩棉或聚氨酯。
- 接口采用快装卡盘式(卡接),罐体内胆选用304或316L,内表面镜面抛光 $Ra \leq 0.28 \mu m \sim 0.6 \mu m$,外表面可根据客户要求要求进行抛光、拉丝、喷砂等。

典型的应用

适用于制药行业的纯水贮存、注射水贮存、药液贮存、中间缓冲,也适用于食品、饮料行业牛奶、果汁等物料的常温及加温贮存。



FEATURE

- There are varieties of volume from 600L~20000L, also it can be designed and customized according to the customers' requirements.
- Jacket can be put into steam (or hot water), and jacket is divided into coil jacket, full jacket and dimple jacket. Jacketed outside is covered with insulation layer. Insulation material is rock wool (keep warm) or PU (keep cold).
- Connector uses fast installation chuck (clamp). Inner tank uses SS304 or SS316L. The inner surface mirror polishing $Ra \leq 0.28 \mu m \sim 0.6 \mu m$. Outer surface can be polished, wire drawn, sandblasted according to customer's requirement.

APPLICATION

Suitable for the pharmaceutical industry of pure water storage, injection water storage, liquid storage, intermediate buffer, also applies to normal temperature and warming storage of the food, milk, juice etc.

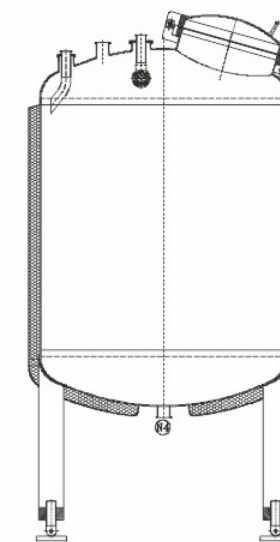
罐体可选配置

储罐的罐体可选配置无菌空气过滤器、温度计(数显式或表盘式)、压力表、视镜、卫生级人孔、进出液孔、CIP万向旋转清洗球、液位计等,或根据客户要求进行配置。

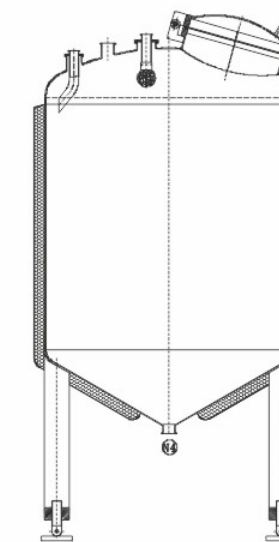
TANK OPTIONAL CONFIGURATION

Storage Tank optional configuration: sterile air filter, thermometer (digital display type or dial), pressure gauge, sight glass, sanitary manhole, in-outlet, CIP universal rotating cleaning ball, liquid meter etc, Or configured according to customers' requirements.

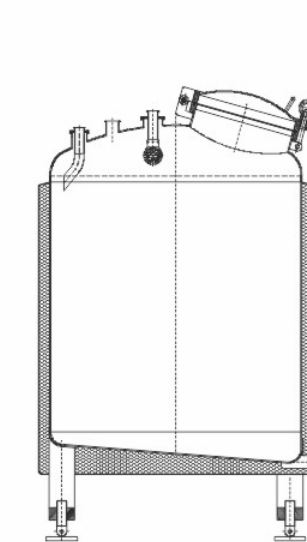
储罐常规结构 STORAGE TANK STRUCTION



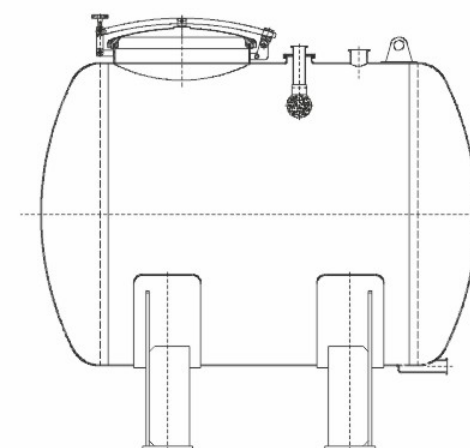
碟形底立式储罐(双层)
Vertical Type Storage Tank-dish Bottom (double Layer)



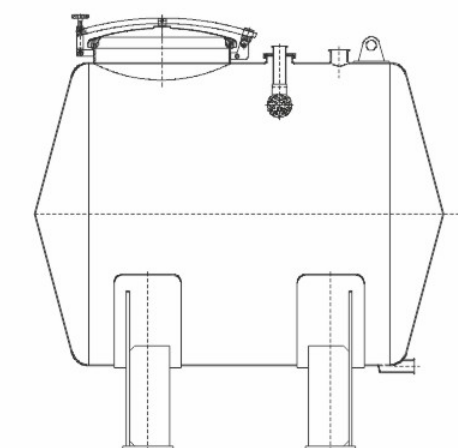
锥底立式储罐(双层)
Vertical Type Storage Tan-conical Bottom (double Layer)



平斜底立式储罐(双层)
Vertical Type Storage Tank-tilting Bottom (double Layer)



碟形端卧式储罐(单层)
Horizontal Type Storage Tank-dish Ends (single Layer)



锥形端卧式储罐(单层)
Horizontal Type Storage Tank-conical Ends (single Layer)

+..... 移动储罐 MOBILE STORAGE TANK

移动储罐严格遵循《药品生产质量管理规范》GMP总则(2010年修订)第三十一、三十二条要求,并按《压力容器》(GB150—2011)、《钢制焊接常压容器(附标准释义)》(NB/T 47003.1—2009)要求进行设计、制造及验收。

移动储罐通常采用立式圆罐体,上均为标准的椭圆形或蝶形封头,下均为标准的锥形、蝶形或椭圆形封头,罐体内壁过渡段均采用圆弧过渡,无卫生死角,易清洗;单层、双层(罐体和下封头设有保温层)或夹套形式(罐体和下封头设有夹套和保温层),根据客户要求组合;罐体内镜面抛光处理,符合卫生规范要求。

移动储罐合理设计了带刹车脚轮、脚撑或叉车专用槽,可采用立式结构或卧式结构,同时根据客户要求还可设计成方形、圆形等多种形状;配置机械式搅拌。

Mobile Storage Tank is designed, manufactured and inspected in accordance with the pressure vessel standard (GB150—2011) and the steel welded atmospheric pressure vessel standard(NB/T 47003.1—2009), strictly meeting GMP certificate requirements.

Mobile Storage Tanks usually adopt vertical circular tank body. The top is standard elliptic or torispherical head, and the bottom is standard conical, torispherical or elliptic head. Inner wall of tank body transition section adopts circular arc transition, no dead corner, easy to clean; Single layer, double layer (tank body and the bottom head is equipped with insulation layer) or jacket type (tank body and the bottom head is equipped with the jacket and insulation layer) can be customized for customers. tank inner wall are mirror polished, meeting the GMP standard.

Mobile Storage Tank is specially designed with brake casters, kickstand and forklift grooves, The are vertical structure and horizontal structure. It is according to the customer's requirements.

产品特色

- 实现灵活移动,具有缓冲储存功能,可增配搅拌、清洗、加热、冷却控温等功能;合理设计了带刹车脚轮、脚撑或叉车专用槽,适合原材料或成品的移动,方便离线清洗。
- 可以根据工艺要求,是单层罐或者夹套形式或三层带保温,可根据不同的要求组合;保温层的保温材料为岩棉或聚氨酯。
- 移动储罐容积有75L~2000L等多种规格,所有电气都为防水设置;亦可非标定制,按客户要求制作,实行操作人性化、标准化等特点。
- 接口采用快装卡盘式(卡接),罐体内胆选用304或316L,内表面镜面抛光 $Ra \leq 0.28 \mu m \sim 0.6 \mu m$,外表面可根据客户要求进行抛光、拉丝、喷砂等。

典型的应用

适用于乳品、饮料、制药、日化、油脂、颜料、化工等行业各类液体的移动、周转、缓冲、清洗,适合运送、储存粉料、液体物料。



FEATURE

- Flexible mobility with buffer storage function, optional mixing, cleaning, heating or cooling function, reasonable design of the brake wheel, pedal or forklift groove, suitable for raw materials or finished product of mobile, convenient off-line cleaning.
- Single layer tank or Optional jacket form or three layers with insulation. Material of insulation is Rock wool or PU.
- There are varieties of volume from 600L~20000L, also it can be designed and customized according to the customers' requirements.
- Connector uses tri-clamp, inner tank use SS304 or SS316L, the inner surface mirror polishing $Ra \leq 0.28 \mu m \sim 0.6 \mu m$. Outer surface can be polished, wire drawn, sandblasted according to customer's requirement.

APPLICATION

Apply to dairy, beverage, pharmaceutical, cosmetic, grease, paint, chemical and other industries of various kinds of material liquid movement, turnover, buffer, cleaning, suitable for transport and storage of powder and liquid.

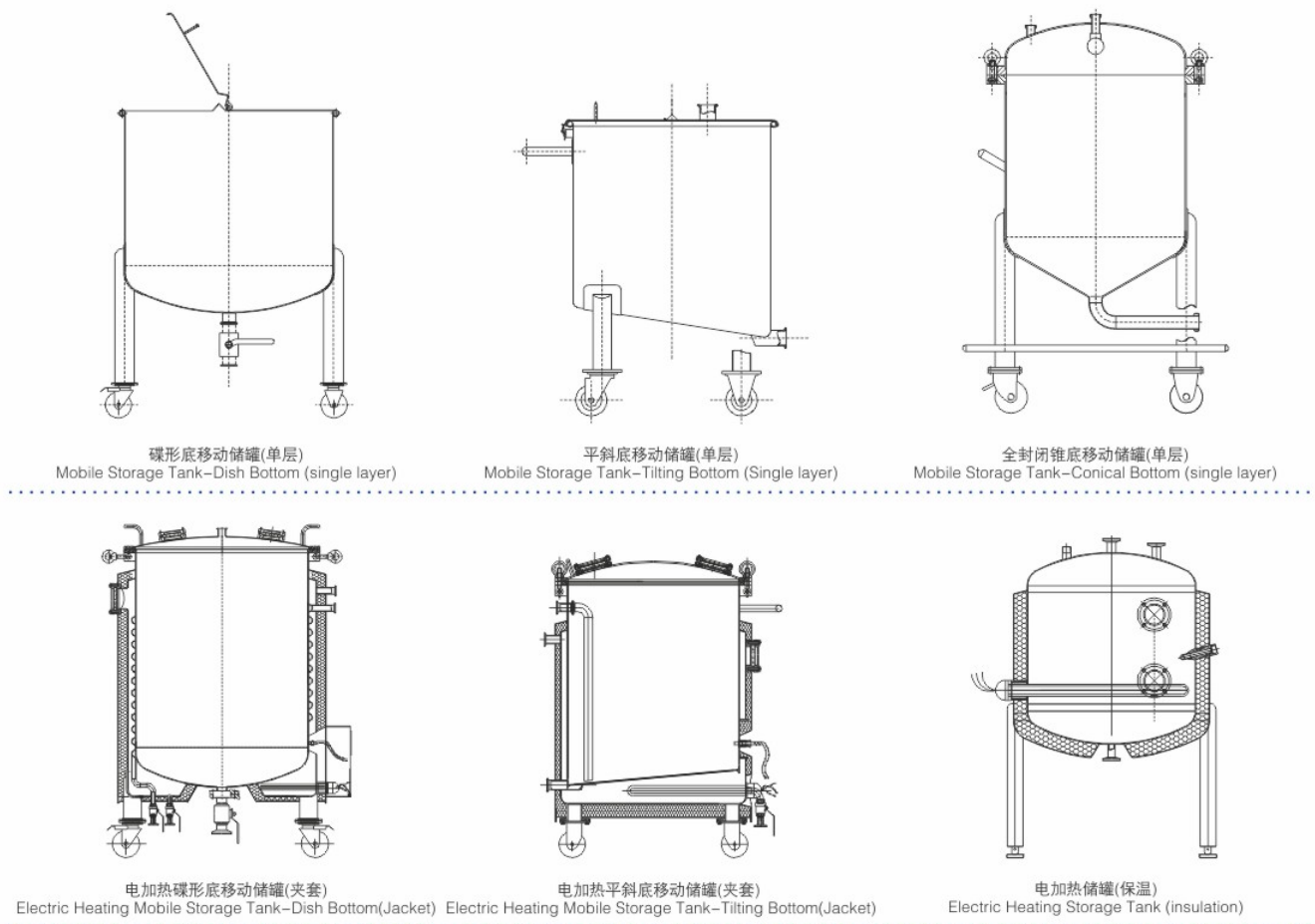
罐体可选配置

移动储罐的罐体可选配置无菌空气过滤器、温度计(数显式或表盘式)、压力表、视镜、卫生级人孔、进出液孔、CIP万向旋转清洗球、液位计等,或根据客户要求进行配置。

TANK OPTIONAL CONFIGURATION

Mobile Storage Tank Optional Configuration: sterile air filter, thermometer (digital display type or dial), pressure gauge, sight glasses, sanitary manhole, in-outlet, CIP universal rotating cleaning ball, level gauge, etc., or configured according to customers' requirements.

移动储罐常规结构 MOBILE STORAGE TANK STRUCTURE



储罐常规型号及主要技术参数 NORMAL MODEL AND MAIN TECHNICAL PARAMETERS

参数 Parameters	型号 Model	HSRYG-75	HSRYG-150	HSRYG-300	HSRYG-600	HSRYG-1000
有效容积 Effective volume (L)		75	150	300	600	1000
罐体 Tank	直径 Diameter (mm)	Φ450	Φ600	Φ800	Φ1000	Φ1100
	高度/长度 Height/Length (mm)	460	550	600	800	1000
	电机功率 Power (kW)	0.37	0.55	0.75	0.75	1.1
搅拌 Mixing	搅拌工作转速 RPM (r/min)	200(推进式)(可根据客户使用情况进行调整设计) 200(propeller) (Can adjust the design according to the customer's usage)				

上表数据为标准型,仅供参考,可根据客户要求定制; The above-mentioned data is the standard, it can customize according to customer's requirements.

+..... 直冷式贮奶罐
COOLING MILK STORAGE TANK



产品说明

直冷式奶罐主要用于冷却、贮存鲜奶，也可冷却、贮存其它液体物料。我公司借鉴吸收国外先进技术设计制造的直冷式奶罐，采用了进口压缩机及安全保护系统、微电脑控制、进口聚氨酯整体发泡、蜂窝板蒸发器先进技术和装备，是牧场、奶站、乳品厂、食品厂、饮料厂及制药行业最理想的冷却、贮存设备。

PRODUCT MANUAL

Vertical cooling milk tank is mainly used in cooling to storage sweat milk or other liquid. It absorbs international advanced technology, adopts importing air compressor and safety and protection system, micro computer monitor, imported advanced technique and equipment such as polyurethane bubbling, honeycomb board evaporator. So it is the ideal cooling and storage equipment for pasture, milk station, milk factory, food factory, and beverage factory and pharmacy industry.

主要技术参数 TECHNICAL PARAMETERS

型号 Model	公称容积(L) Normal Volume	罐体 Tank body				搅拌器功率 Agitator motor (kw)	制冷功率(P) Refrigerating power(kw)	搅拌器转速 Agitator returning Speed(r/min)
		长 Length(mm)	宽 Width(mm)	高 Height(mm)	重量 Weight(mm)			
HSG-500	500	2200	900	1200	510	0.55	3P × 1台	36
HSG-1	1000	1680	1200	1300	640	0.75	3P × 1台	36
HSG-2	2000	2050	1500	1500	880	0.75	5P × 1台	36
HSG-3	3000	2380	1700	1600	1120	0.75	6P × 1台	36
HSG-4	5000	2980	1900	1800	1620	1.1	6P × 2台	36
HSG-5	8000	3880	2200	2000	1740	1.5	8P × 2台	36
HSG-8	10000	4750	2200	2000	2170	1.5	10P × 2台	36

+..... 均质机
HOMOGENIZER



我公司生产的高压均质机是液体物料均质细化和高压输送的专用设备，广泛应用于食品、乳品、饮料、制药、精细化工和生物工程技术等领域。

High pressure homogenizer is made by Jimeiji Company. It is a special equipment in liquid material homogenization, lessening and high pressure transportation, which are applied widely for food, dairy, beverage, medicine, fine chemical and bio-engineering technology, etc.

主要技术参数 TECHNICAL PARAMETERS

型号 Model	额定压力 Pressure(Mpa)	进料口径(mm) Diameter of inlet	均质出料口径(mm) Diameter of homogenizing	高压泵出料口 Outlet(mm)	电动机率 Motor power(kw)	外形尺寸 (长×宽×高)(mm) Dimension	整体重量 Weigh(kg)
GJB-1-25	25	25	15	ZG1/2"	7.5	1050 × 680 × 1110	600
GJB-2-25	25	40	15	ZG1/2"	15	1150 × 930 × 1270	1000
GJB-3-25	25	50	25	ZG3/4"	20	1250 × 1000 × 1350	1300
GJB-4-25	25	50	25	ZG3/4"	23	1300 × 1160 × 1500	1400
GJB-5-25	25	50	25	ZG3/4"	25	1400 × 1250 × 1600	1500
GJB-1-40	40	25	15	ZG1/2"	15	1050 × 680 × 1110	1100
GJB-2-40	40	40	15	ZG1/2"	22	1150 × 820 × 1180	1400
GJB-3-40	40	50	25	ZG3/4"	30	1250 × 1150 × 1500	1700
GJB-4-40	40	50	25	ZG3/4"	40	1300 × 1260 × 1600	2000
GJB-5-40	40	50	25	ZG3/4"	50	1400 × 1360 × 1700	2300
GJB-1-60	60	50	25	ZG3/4"	22	1300 × 1060 × 1350	1200
GJB-2-60	60	50	25	ZG3/4"	38	1400 × 1160 × 1450	1500
GJB-3-60	60	50	25	ZG3/4"	48	1500 × 1260 × 1550	1800
GJB-5-60	60	50	25	ZG3/4"	68	1600 × 1360 × 1650	2100

+..... 板式超高温杀菌机
PLATE UHT STERILIZER



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 keeping 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).

技术参数 TECHNICAL PARAMETERS

型号 Model	BS-UHT-1	BS-UHT-2	BS-UHT-3	BS-UHT-4	BS-UHT-5
生产能力 Production capacity(t/h)	1	2	3	4	5
换热面积 Heat exchanging area(m²)	16	26	38	46	56
物料进口温度 Material inlet temperature(°C)	5	5	5	5	5
物料出口温度 Material outlet temperature(°C)	5	5	5	5	5
杀菌温度 Sterilizing temperature(°C)	137	137	137	137	137
保温时间 Warm keeping time(S)	4	4	4	4	4
冰水温度 Ice water temperature(°C)	1	1	1	1	1
冰水耗量 Ice water consumption(t/h)	3	4	6	8	12
接口尺寸 Joint size(mm)	φ 25	φ 38	φ 38	φ 51	φ 51
设备重量 Weight (Kg)	980	1080	1160	1350	1680
外形尺寸Size(长×宽×高mm)	1500x1500x2000	1900x1800x2200	2100x2200x2500	2300x2200x2500	2600x2200x2500
功率 Power(kw)	3	4	5	6	7

+..... 无菌列管式超高温杀菌机(UHT)
TUBULAR UHT STERILIZER



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 keeping 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).

技术参数 TECHNICAL PARAMETERS

型号 Model	GS-UHT-1(A)	GS-UHT-2(A)	GS-UHT-3(A)	GS-UHT-4(A)	GS-UHT-5(A)
生产能力 Production capacity(L/h)	1000	2000	3000	4000	5000
物料进口温度 Material inlet temperature	5°C	5°C	5°C	5°C	5°C
保温时间 Warm keeping time(s)	4-15	4-15	4-15	4-15	4-15
杀菌温度 Sterilizing temperature	95 ~ 125(138°C)	95 ~ 125(138°C)	95 ~ 125(138°C)	95 ~ 125(138°C)	95 ~ 125(138°C)
物料出口温度 Material outlet temperature	4-20	4-20	4-20	4-20	4-20
蒸汽压力 Steam pressure	0.4(0.6MPa)	0.4(0.6MPa)	0.4(0.6MPa)	0.4(0.6MPa)	0.4(0.6MPa)
蒸汽耗量 Steam cost	~ 130kg/h	~ 160kg/h	~ 240kg/h	~ 320kg/h	~ 400kg/h
压缩空气压力 Compressed air pressure	0.6MPa	0.6MPa	0.6MPa	0.6MPa	0.6MPa
压缩空气耗量 Compressed air consumption	50L/H	50L/H	50L/H	50L/H	50L/H
外形尺寸 Size (不含均质机)(Without homogenizer)	3500x1600x1800	4500x2000x1900	4500x2500x2000	5000x2000x2000	5000x2000x2000
耗电(千瓦) Electricity cost(kw)(不含均质机)(without homogenizer)	8.75	12	18	21	25

+..... CIP 在线清洗系统 CIP/SIP SYSTEM

CIP 在线清洗系统是一个中央集成系统，主要由单个或多个清洗液储罐及管道、分布器、增压泵、回流泵、气动控制阀、酸碱计量泵、板式换热器、温度控制仪、电导率检测仪、液位控制仪、PLC触摸屏、控制柜及系统管阀件等组成。

CIP Systems is a central integration system, mainly composed of single or multiple cleaning fluid Storage Tank and pipe, distributor, booster pump, circumfluence pump, pneumatic control valve, acid-base metering pump, plate heat exchanger, temperature control instrument, electrical conductivity detector, liquid level controller, PLC, touch screen, control cabinet and system pipe valve parts, etc.



产品特色

- 就地清洗、操作简便、工作安全、劳动强度低、工作效率高。
- 清洗彻底，并能同时达到消毒灭菌目的，保证卫生要求，有利于制品质量提高。
- 清洗采用管道化，可减少占用车间面积。
- 洗涤剂可循环使用、利用率高，蒸汽和水也比较节省。
- 易损件少，设备使用寿命长。
- 适合于大、中、小型各类设备清洗。
- 清洗工作可实现程序化和自动化。

典型的应用

广泛应用于饮料、乳品、果汁、啤酒、制糖、生物制药等自动化程度较高的生产企业中。
小型移动式CIP 在线清洗系统主要应用于生物发酵、制药行业。

APPLICATION

Widely used in the beverage, dairy, juice, beer, sugar, biological pharmaceutical automatic production process.
The small portable CIP online cleaning system mainly used in biological fermentation, the pharmaceutical industry.

储罐常规型号及主要技术参数 NORMAL MODEL AND MAIN TECHNICAL PARAMETERS

参数 Parameters	型号 Model	JTCIP-0.5	JTCIP-1	JTCIP-2	JTCIP-3	JTCIP-4
酸罐容积 Acid tank Volume (L)		500	1000	2000	3000	4000
碱罐容积 Alkali tank Volume (L)		500	1000	2000	3000	4000
热水罐容积 Hot water tank Volume (L)		500	1000	2000	3000	4000
加热方式 Heating method	盘管、板式、管式加热、电热管加热 Coil, plate, tube heating, electric heat pipe heating					
CIP泵 Pump	流量 Flow Rate (m³/h)	10	10	20	20	30
	扬程 pump head (m)	24	24	36	36	36
	功率 Power (kw)	2.2	2.2	4.0	4.0	5.5

上表数据为标准型，可以根据客户特定要求定做。CIP清洗系统选型需提供的工艺参数：酸、碱、水罐容积，自动化程度，加热方式，特殊要求等。
The above-mentioned data is the standard, for reference only. It can customize according to customer's requirements. CIP cleaning system selection should provide technology Parameter: Acid, alkali, tank volume, degree of automation, heating mode, special requirements, etc

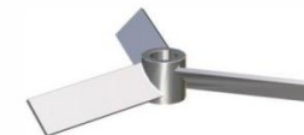
+..... 搅拌器常用类型 AGITATOR MODEL



推进式搅拌桨
Propeller



旋浆式搅拌桨
High Efficiency Axial Flow Impellers



斜叶开启涡轮式搅拌桨
Special Open Turbine Impellers



圆锥底框式搅拌桨
Anchor And Frame Type Impeller



斜叶桨式搅拌桨
Paddle Impeller



螺旋式搅拌桨
Helical Ribbon And Screw Impeller



半圆圆盘涡轮式搅拌桨
Disc Turbine Impeller With Arc Type Blades



锚框式搅拌桨
Special Anchor And Frame Type Impeller



布尔马金式搅拌桨
Bulmarking Impeller



平直叶开启涡轮式搅拌桨
Flat Blade Open Turbine Impeller



曲边叶桨式搅拌桨
Curved Blade Open Turbine Impeller



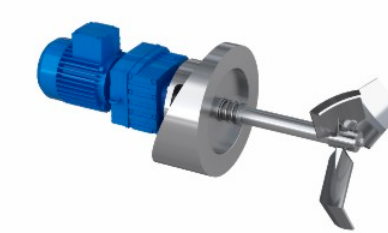
分散盘
Paddle Impeller With Curved Blades



磁力搅拌器
Magnetic Agitator



机械排渣搅拌器(红酒发酵罐)
Mechanical Slagging Agitator



(侧入式)机械搅拌器
(side Entry) Mechanical Agitator

+.... 卫生级泵系列 SANITARY PUMPS SERIES



回程泵
Return stroke pump



离心泵
Centrifugal pump



三足离心泵
Three feet centrifugal pump



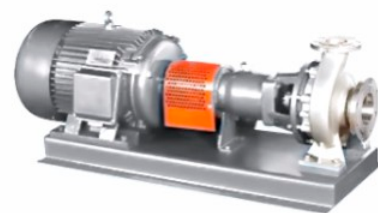
均质乳化泵
Emulsifier pump



凸轮转子泵
Cam rotor pump



单螺杆泵
Screw pump



食品生化流程泵
Food and biochemical process pump



正弦泵
Sinusoidal pump



气动隔膜泵
Pneumatic diaphragm pump

卫生级离心泵广泛应用于食品、制药、化工和其它工业领域，根据液体性质，离心泵要采用不同的不锈钢材质制作。
材质为：SUS304、SUS316L
密封方式：机械密封
接口方式：螺纹、焊接、快装

Sanitary centrifugal pumps are widely used in food, pharmaceutical, chemical and other industrial fields. Depending on the properties of the liquid, centrifugal pumps are made of different stainless steel materials.
Material: SUS304, SUS316L
Sealing method: mechanical seal
Interface method: thread, welding, quick installation

+.... 不锈钢管阀件系列 STAINLESS STEEL PIPE VALVE SERIES



使用SUS304或SUS316L不锈钢制成，内部镜面抛光、外表面经抛光喷砂、钝化处理、表面光滑平整。

Use SUS304/SUS316L stainless steel, the internal mirror face carries out the polish and out the surface also carries out the polish, sand spray, passivation treatment. The surface is smooth and flat.