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MACHINE TECHNICAL CO., LTD.
南通智硕机械科技有限公司

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STAINLESS
STEEL TANK
不锈钢容器



始于初心 精于专注

不锈钢容器，食品生产线的制造专家

Beginning with the beginning of the heart,
focusing on the focus
Stainless steel container,
Food production line manufacturing experts

南通智硕机械科技有限公司
NANTONG ZHISHUO MACHINE TECHNICAL CO., LTD.



COMPANY PROFILE 企业简介

智硕机械专注于不锈钢容器和输送设备的加工与研发。为食品，日化，生物，医药等领域客户提供优质的设备设计制造、工程安装调试服务。协助客户解决各种工艺难题，在设备上精益求精，满足各种复杂工艺对设备的严苛要求。我们为客户提供完整的生产解决方案，充分听取客户建议，提供优质的质量保障服务。由始至终真诚对待，成为客户最友好的朋友！

Zhishuo Machine focuses on the processing and development of stainless steel tanks and conveying equipment, to provide customers with high quality equipment design, manufacture, engineering installation and commissioning services for food, daily chemical, biological, pharmaceutical and other fields. We can assist customers in solving all kinds of technical problems, improve equipment and meet stringent requirements for various complex processes. We can provide customers with complete production solutions, fully listen to customers' suggestions and provide quality assurance services. From the beginning to the end, be sincere and become the best friend to our customers.



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SERVICE 服务

专业的技术人员全程为客户提供全面的技术咨询，设备加工，安装调试服务。保证系统设备按照工艺设定流程稳定工作。提供完备的后续跟踪，设备的终身维护和升级服务。

Professional technical personnel can provide the comprehensive technical consultation, equipment processing, installation and commissioning services, to ensure the system works stably according to the setting process. We also can provide complete follow-up tracking, life-long maintenance and upgrading of equipment.



SINGLE TANK SERIES 单层罐系列

技术说明

- ◆设备广泛应用于酒，饮料，调味品，乳制品，等行业的物料储存，调配。设备整机采用SUS304/SUS316L不锈钢制造。特殊要求，特殊规格可根据客户要求定制生产。配置多种配件形式，客户可以根据工艺需要自由选择配置。
- ◆设备容积：50L~150000L
- ◆适用领域：白酒；果酒；饮料；果汁；牛奶；水；油脂；调味品；日化品；医药；化工等领域

设备附件

根据产品要求配置人孔，清洗装置，搅拌装置，呼吸器，液位计，各种介质进出口，以及护栏，扶梯等。

Technical description

- ◆The equipment is widely used in materials storage and mixing of liquor, beverage, condiment, dairy products and other industries. The whole machine is made of stainless steel SUS304/SUS316L. It can be customized according to customers' special requirements and special specifications. There are various accessories for the tank. The customers can freely choose the configuration according to the process requirements.
- ◆Equipment volume: 50L ~150 000L
- ◆Application: liquor, fruit wine, beverage, fruit juice, milk, water, grease, condiment, daily chemicals, medicine, chemical industry and other fields.

Equipment accessories

According to different requirements, it will consist of manhole, cleaning device, mixing device, breather hole, liquid level gauge, various media inlet and outlet, guardrail, ladder and so on.



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THERMAL INSULATION TANK SERIES

保温罐系列

技术说明

- ◆设备广泛应用于酒，饮料，调味品，乳制品，等行业的物料储存和调配，具备良好的保温隔热功能。设备整机采用 SUS304/SUS316L 不锈钢制造。特殊要求，特殊规格产品可根据客户要求定制生产。配置多种配件形式，客户可以根据工艺需要自由选择配置。
- ◆设备容积：50L~150000L
- ◆保温层厚度：50mm~150mm
- ◆适用领域：酒类；饮料；果汁；牛奶；水；油脂；调味品；日化品；医药；化工等领域。

设备附件

根据产品要求配置人孔，清洗装置，搅拌装置，保温层，呼吸器，液位计，各种介质进出口，以及护栏，扶梯等。

Technical description

- ◆The equipment is widely used in materials storage and mixing of liquor, beverage, condiment, dairy products and other industries, with the good function of thermal insulation. The whole machine is made of stainless steel SUS304/SUS316L. It can be customized according to customers' special requirements and special specifications. There are various accessories for the tank. The customers can freely choose the configuration according to the process requirements.
- ◆Equipment volume: 50L ~ 150 000L
- ◆Thermal insulation thickness: 50mm~150mm
- ◆Application: liquor, beverage, fruit juice, milk, water, grease, condiment, daily chemicals, medicine, chemical industry and other fields.

Equipment accessories

According to different requirements, it will consist of manhole, cleaning device, mixing device, thermal insulation layer, breather hole, liquid level gauge, various media inlet and outlet, guardrail, ladder and so on.



TRI-LAYER TANK SERIES

控温罐系列

技术说明

- ◆设备广泛应用于酒，饮料，调味品，乳制品，等行业的物料储存和调配，加热冷却，发酵等工艺，具备良好的保温隔热功能，高效的加热或者制冷效率。设备整机采用 SUS304/SUS316L 不锈钢制造。特殊要求，特殊规格产品可根据客户要求定制生产。配置多种配件形式，客户可以根据工艺需要自由选择配置。
- ◆设备容积：50L~150000L
- ◆保温层厚度：50mm~150mm
- ◆适用领域：酒类；饮料；果汁；牛奶；水；油脂；调味品；日化品；医药；化工等领域。

设备附件

根据产品要求配置人孔，清洗装置，搅拌装置，呼吸器，保温层，换热夹层，液位计，各种介质进出口，以及护栏，扶梯等。

Technical description

- ◆The equipment is widely used in materials storage, mixing, heating, cooling and fermentation of liquor, beverage, condiment, dairy products and other industries, with the good function of thermal insulation, high efficiency heating or cooling. The whole machine is made of stainless steel SUS304/SUS316L. It can be customized according to customers' special requirements and special specifications. There are various accessories for the tank. The customers can freely choose the configuration according to the process requirements.
- ◆Equipment volume: 50L ~ 150 000L
- ◆Thermal insulation thickness: 50mm~150mm
- ◆Application: liquor, beverage, fruit juice, milk, water, grease, condiment, daily chemicals, medicine, chemical industry and other fields.

Equipment accessories

According to different requirements, it will consist of manhole, cleaning device, mixing device, thermal insulation layer, jacket layer, breather hole, liquid level gauge, various media inlet and outlet, guardrail, ladder and so on.



EXTRACTION TANK SERIES 萃取罐系列

技术说明

- ◆设备广泛应用于中药，食品，化工等行业产物提取等工艺，设备整机采用SUS304/SUS316L不锈钢制造。可以实现常压、微压、水煎、热回流，强制循环、芳香油提取等多种工艺操作。特殊规格产品可根据客户要求定制生产。配置多种配件形式，客户可以根据工艺需要自由选择配置。
- ◆设备容积：50L~10000L
- ◆适用领域：食品；医药；化工等。

设备附件

根据产品要求配置出渣门，清洗装置，搅拌装置，呼吸器，液位计，吊篮，各种介质进出口等。

Technical Description

- ◆The equipment is widely used in the extraction process of products such as Chinese medicine, food, chemical industry and so on. The equipment is made of stainless steel SUS304/SUS316L. It can realize atmospheric pressure, micro pressure, water decocting, hot reflux, forced circulation, aromatic oil extraction and other processes. It can be customized according to customers' special requirements. There are various accessories for the tank. The customers can freely choose the configuration according to the process requirements.
- ◆Equipment volume: 50L~10 000L
- ◆Application: food; medicine; chemical industry, etc.

Equipment accessories

According to different requirements, it will consist of slag gate, cleaning device, mixing device, breather hole, liquid level gauge, basket, various media inlet and outlet, etc.



FERMENTATION TANK SERIES 发酵罐系列

技术说明

- ◆设备广泛应用于食品，医药，生物，等行业的产品生物发酵，医药病毒疫苗培养，菌种扩殖培养工艺，设备整机采用SUS304/SUS316L不锈钢制造。特殊要求，特殊规格产品可根据客户要求定制生产。配置多种配件形式，客户可以根据工艺需要自由选择配置。
- ◆设备容积：50L~150000L
- ◆保温层厚度：50mm~150mm
- ◆适用领域：酒类；饮料；果汁；牛奶；日化品；医药；化工；调味品等领域。

设备附件

根据不同产品要求配置人孔，清洗装置，搅拌装置，消泡装置，呼吸器，液位计，自吸式空气分配器，各种介质进出口，以及护栏，扶梯等。

Technical Description

- ◆The equipment is widely used in the products of food, medicine, biology, and other industries, such as biological fermentation, medical virus vaccine training, bacterial colonization and cultivation. The equipment is made of stainless steel SUS304/SUS316L. It can be customized according to customers' special requirements. There are various accessories for the tank. The customers can freely choose the configuration according to the process requirements.
- ◆Equipment volume: 50L~150 000L
- ◆Thermal insulation thickness: 50mm~150mm
- ◆Application: liquor, beverage, fruit juice, milk, daily chemicals, medicine, chemical industry, condiment and so on.

Equipment accessories

According to different requirements, it will consist of manhole, cleaning device, mixing device, defoaming device, breather hole, liquid level gauge, self-suction air distributor, various medium inlet and outlet, guardrail, ladder and so on.



EMULSIFICATION TANK SERIES 乳化罐系列

技术说明

- ◆设备广泛应用于食品，医药，生物，等行业的辅料溶解、乳化，设备整机采用SUS304/SUS316L不锈钢制造。
- ◆可以采用上部，或者下部高速乳化叶轮，叶轮转速1450rpm，可以快速将物料和容积混合均匀。配置多种配件形式，客户可以根据工艺需要自由选择配置。
- ◆设备容积：50L~3000L
- ◆适用领域：酒类；饮料；果汁；牛奶；日化品；医药；化工等领域。

Technical Description

- ◆The equipment is widely used for dissolution and emulsification in food, medicine, biology, and other industries. The equipment is made of stainless steel SUS304/SUS316L.
- ◆It adopts the upper or lower part of the high-speed impeller with 1450rpm to quickly mix material and volume evenly. There are various accessories for the tank. The customers can freely choose the configuration according to the process requirements.
- ◆Equipment volume: 50L~3000L
- ◆Application: liquor, beverage, fruit juice, milk, daily chemicals, medicine, chemical industry and so on.

设备附件

根据不同产品要求配置：人孔，清洗装置，乳化装置，呼吸器，液位计接口，各种介质进出口等。

Equipment accessories

According to different requirements, it will consist of manhole, cleaning device, emulsification device, breather hole, liquid level gauge, various media inlet and outlet, etc.



DAIRY CHEMICAL EMULSIFICATION TANK 日化乳化罐

技术说明

- ◆设备用于化妆品，膏，霜，乳等类型产品的生产。设备整机采用SUS304/SUS316L不锈钢制造。
- ◆配置均质搅拌器，刮壁搅拌器；罐体内壁镜面抛光，结合真空进料，调配功能。
- ◆避免生产粉尘逸散，成品携带气泡现象。设备设计完全符合GMP标准。

Technical Description

- ◆The equipment is widely used for the production of cosmetics, ointment, cream, milk and other types of products. The whole machine is made of stainless steel SUS304/SUS316L.
- ◆It is equipped with homogeneous agitator, scraper agitator, mirror polishing inner wall and vacuum feeding.
- ◆to avoid the phenomenon of the production dust dispersion and finished products wrapped bubble. The design of the equipment is fully in conformity with the GMP standard.

设备附件

上部同轴三重搅拌器；液压升降罐盖；变频高速乳化搅拌机(35000rpm)；
变频低速刮壁搅拌机(60rpm)；真空泵等。

Equipment accessories

The upper coaxial three layers agitators, hydraulic lifting tank cover, frequency conversion high speed emulsifying agitator (35000rpm);
Frequency conversion low speed scraper agitator (60rpm); vacuum pump and so on.



CHEESE TANK 干酪槽

技术说明

- ◆设备适用于乳制品行业的各种奶酪制造。可以实现巴氏杀菌，凝乳，凝乳切割，排乳清，老化，拌盐等工艺。
- ◆设备整机采用SUS304/SUS316L不锈钢制造。特殊要求，特殊规格产品可根据客户要求定制生产。
- ◆配置多种配件形式，客户可以根据工艺需要自由选择配置。
- ◆设备容积：50L~10000L
- ◆适用领域：乳制品干酪生产。

Technical Description

- ◆The equipment is suitable for all kinds of cheese production in dairy industry. It can realize pasteurization, curd, curd cutting, whey clearance, aging, mixing salt and so on.
- ◆The whole machine is made of stainless steel SUS304/SUS316L. It can be customized according to customers' special requirements.
- ◆There are various accessories for the tank. The customers can freely choose the configuration according to the process requirements.
- ◆Equipment volume: 50L ~ 10000L
- ◆Application: Dairy cheese production

设备附件

根据产品要求配置盖板；凝乳切刀；过滤网；搅拌桨叶；温度表等配件。

Equipment accessories

According to different requirements, it will consist of cover plate, coagulating cutter, filter screen, stirring blade, thermometer and other accessories.



HORIZONTAL SOLIDITY FERMENTATION TANK 卧式固态发酵罐

技术说明

- ◆设备适用于调味品，生物工程，环保等行业。适用于固体基料产品的发酵，混料，浸淋工艺。
- ◆设备整机采用SUS304/SUS316L不锈钢制造。特殊罐型，特殊规格产品可根据客户要求定制生产。
- ◆配置多种配件形式，客户可以根据工艺需要自由选择配置。
- ◆设备容积：5000L~50000L
- ◆适用领域：调味品（食醋）；生物；环保等

Technical Description

- ◆The equipment is suitable for condiments, bioengineering, environmental protection and other industries. It is suitable for fermentation, mixing and leaching process of solid base products. The whole machine is made of stainless steel SUS304/SUS316L.
- ◆It can be customized according to customers' special requirements.
- ◆There are various accessories for the tank. The customers can freely choose the configuration according to the process requirements.
- ◆Equipment volume: 5000L ~ 50000L
- ◆Application: condiments (vinegar); biology industry; environmental protection industry, etc.

设备附件

根据产品要求配置风机等配件

Equipment accessories

According to different requirements, it will consist of fan and other accessories.

