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**HZY**  
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# 企业简介

沈阳精工华之翼设备有限公司是专业研发和生产各种通用机械的专业厂家，本公司以专业的设计，精良的设备，优质的服务秉承为客户创造价值的一贯宗旨，力争在机械行业高屋建瓴。

精工华之翼经过多年的市场磨炼和经验积累，锻炼了一支技术过硬的设计专家团队曾为多家企业解决攻克多项技术难题。公司经营理念“质量为生命，服务为灵魂、超前服务为特色、高效率为吸引、用户满意为追求、质量管理为方针”。依拖科技进步、实施精细管理、恪守诚信准则、追求成为客户心中优质高效的企业品牌。公司主要经营的产品有：搅拌机，输送机，粉碎研磨机，筛选过滤机，离心机，灭菌设备，包装设备等，广泛应用于食品，化工，制药，塑料，造纸，冶金，水处理，电子，五金等行业使用。

Shenyang Jinggong Huazhiyi Equipment Co., Ltd. is a professional manufacturer specializing in the development and production of various general machinery. The company's professional design, sophisticated equipment, and high-quality service adhere to the consistent purpose of creating value for customers, and strive to be the industry leader in the machinery industry.

After years of market training and experience accumulation, Seiko Huazhiyi has cultivated a team of technical experts and solved many technical problems for many enterprises. The company's business philosophy is "quality is life, service is the soul, advanced service is the characteristic, high efficiency is the attraction, customer satisfaction is the pursuit, and quality management is the policy". According to the progress of science and technology, implement refined management, abide by the code of integrity, and pursue high-quality and efficient corporate brands in the hearts of customers. The company's main products are: mixers, conveyors, grinders, filters, centrifuges, sterilization equipment, packaging equipment, etc., which are widely used in food, chemical, pharmaceutical, plastic, paper, metallurgy, water treatment, electronics, hardware and other industries.



◆ 部分工程案例  
Some engineering cases

目录  
content



液体搅拌罐 Mixing tank .....	01
反应釜 Reactor .....	02
发酵罐 Fermenter.....	03
乳化罐 Emulsifying tank .....	04
胶体磨 Colloid mill .....	05
储液罐 Liquid storage tank .....	06
夹层锅 Jacketed pot .....	07
行星搅拌夹层锅 Planetary stirring Jacketed pot .....	08
离心机 Centrifuge .....	09
平板离心机 Plate centrifuge .....	10



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## MIXING TANK

液体搅拌罐



加热搅拌罐  
Heated mixing tank



单层搅拌罐  
Single layer mixing tank

### 概述

搅拌罐为单层或多层、立式结构的卫生洁净型容器设备。是制药、生物工程、食品、饮料、果酒、调味品、精细化工、油脂等行业中常用的中间缓冲、储液、搅拌、调配设备（它具有操作简单，经济实用的特点）。并可按工艺需要增加带加热保温结构，以满足不同的工艺和生产需要。

### DESCRIBE

The mixing tank is a single-layer or multi-layer, vertical structure sanitary and clean container equipment. It is an intermediate buffer, liquid storage, stirring and blending equipment commonly used in pharmaceutical, bioengineering, food, beverage, fruit wine, condiment, fine chemical, oil and other industries (it has the characteristics of simple operation, economical and practical).

And can be added according to the process needs with heating insulation structure, to meet the needs of different processes and production.

产品型号Product number	JBG-0.3	JBG-0.5	JBG-1.0	JBG-1.5	JBG-2.0	JBG-3.0
公称容积Nominal volume (L)	300	500	1000	1500	2000	3000
筒体直径 Cylinder diameter (mm)	800	900	1100	1300	1500	1600
工作压力 Working pressure (MPa)	常压					
搅拌转速Agitation speed (r/min)	36					
搅拌功率Stirring power (KW)	0.75	0.75	1.5	1.5	2.2	3

备注：以上参数仅供参考，实际按用户需求加工。

Remarks: The above parameters are for reference only, and are actually processed according to user needs.

## REACTOR

反应釜



反应釜  
Reactor



带冷凝的反应釜  
Reactor with condensation

### 概述

反应釜广泛应用于石油、化工、橡胶、农药、染料、医药、食品等生产型用户和各种科研实验目的研究，用于完成水解、中和、结晶、蒸馏、蒸发、储存、氰化、烃化、聚合、缩合、加热、混配、恒温反应等工艺过程的容器。反应釜采用立式圆罐体，罐体可制作蜂窝夹套、盘管夹套或整体夹套，可加热、冷却。

### DESCRIBE

The reactor is widely used in petroleum, chemical, rubber, pesticide, dye, medicine, food and other production users and various scientific research and experimental purposes. Enter into the container for hydrolysis, neutralization, crystallization, distillation, evaporation, storage, cyanation, alkylation, polymerization, condensation, heating, mixing, constant temperature reaction, etc.

The reactor adopts a vertical circular tank, which can be made into honeycomb jacket, coil jacket or integral jacket, which can be heated and cooled.

产品型号Product number	FYF-0.1	FYF-0.3	FYF-0.5	FYF-1.0	FYF-1.5	FYF-2.0
公称容积Nominal volume (L)	100	300	500	1000	1500	2000
筒体直径 Cylinder diameter (mm)	500	700	900	1100	1200	1300
工作压力 Working pressure (MPa)	≤0.09					
搅拌转速Agitation speed (r/min)	48					
搅拌功率Stirring power (KW)	0.75	0.75	0.75	1.5	1.5	2.2

备注：以上参数仅供参考，实际按用户需求加工。

Remarks: The above parameters are for reference only, and are actually processed according to user needs.

## FERMENTER

发酵罐



发酵罐  
Fermenter

### 概述

发酵罐是全封闭、立式结构的卫生洁净型容器设备，具有加热、冷却、保温、搅拌等功能，是乳品（酸奶）、制药、生物工程、食品、饮料、果酒等行业中常用的发酵设备。罐体设有夹层，可进行加热或冷却。使物料在搅拌器的运转下，在最适宜的温度条件下进行发酵。

### DESCRIBE

Fermenter is a fully enclosed, vertical structure of sanitary and clean container equipment, with heating, cooling, heat preservation, stirring and other functions, is dairy (yogurt), pharmaceutical, biological engineering, food, beverage, wine and other industries commonly used fermentation equipment. The tank body is provided with a jacket, which can be heated or cooled.

Under the operation of agitator, the material is fermented at the most suitable temperature.

产品型号Product number	FJG-0.05	FJG-0.1	FJG-0.3	FJG-0.5	FJG-0.8	FJG-1.0
公称容积Nominal volume (L)	50	100	300	500	800	1000
筒体直径 Cylinder diameter (mm)	400	500	700	800	900	1100
工作压力 Working pressure (MPa)	≤0.09					
搅拌转速Agitation speed (r/min)	48					
搅拌功率Stirring power (KW)	0.55	0.75	0.75	0.75	1.1	1.5

备注：以上参数仅供参考，实际按用户需求加工。

Remarks: The above parameters are for reference only, and are actually processed according to user needs.

## HIGH SHEAR EMULSIFICATION TANK

高剪切乳化罐



高剪切乳化罐  
High shear emulsification tank

### 概述

高剪切乳化罐是目前国内乳品、饮料果汁、食品等行业先进的混合设备。高速乳化头工作时将转子中心的物料高速抛向定子，通过定子的齿间隙，在转子和定子之间剪切、碰撞、粉碎从而达到乳化的目的。是集加热、混合、乳化、均质、溶解、粉碎等功能于一体的设备。

### DESCRIBE

High shear emulsifying tank is the advanced mixing equipment in domestic dairy, beverage juice, food and other industries. The high speed emulsifying head works by placing the material in the center of the rotor. High speed to the stator, through the stator tooth clearance, between the rotor and the stator shear, collision, crushing to achieve emulsification purpose. It is a machine integrating heating, mixing, emulsifying, homogenizing, dissolving, pulverizing and other functions.

产品型号Product number	RHG-500	RHG-1000	RHG-1500	RHG-2000	RHG-3000
公称容积 Nominal volume (L)	500	1000	1500	2000	3000
筒体直径 Cylinder diameter (mm)	900	1100	1200	1300	1500
工作压力 Working pressure (MPa)	常压				
电机功率 Motor power (KW)	4	7.5	11	18.5	22
电机转速 Motor speed (r/min)	2900	2900	2900	2900	2900

备注：以上参数仅供参考，具体根据用户实际需求加工制作。

Remarks: The above parameters are for reference only, and are processed and produced according to the actual needs of users.

## COLLOID MILL

胶体磨



立式胶体磨  
Vertical colloid mill



分体式胶体磨  
Split colloid mill

### 概述

胶体磨的工作原理是剪切，研磨及高速搅拌作用。磨碎依靠两个齿形面的相对运动，其中一个高速旋转，另一个静止，使通过齿面之间的物料受到极大的剪切力及摩擦力，同时又在高频震动。高速旋涡等复杂力的作用下使物料有效的分散、乳化、粉碎、均质。

### DESCRIBE

Colloid mills work by shearing, grinding and high-speed mixing. Grinding relies on the relative motion of two tooth surfaces, one is rotating at high speed and the other is stationary, so that the material between the tooth surfaces is subjected to great shearing force and friction, and at the same time vibrates at high frequency.

Under the action of high-speed vortex and other complex forces, the material can be effectively dispersed, emulsified, crushed and homogenized.

型号 Model	乳化粒度单循环或多循环 (um) Emulsified granularity single cycle or multi-cycle	调节范围 (mm) Regulating range	产量 (t/Hr) 按物料性质而变化 Output (variable with different medium)	电机功率(Kw) Electrical power	电机转速(Kw) Rotatiuon speed	磨片直径 Diameter of milling slice	进料口直径 Diameter of feed inlet	出料口直径 Diameter of feed outlet	冷却水管径 Port size of cooling system
JM-L50	2-40	1-0.01	0.01-0.2	1.1	2900	50	32	15	1/4"
JM-L65	2-40	1-0.01	0.2-0.7	2.2	2900	65	40	25	1/4"
JM-L80	2-40	1-0.01	0.3-1	3	2900	80	50	25	1/4"
JM-L100	2-40	1-0.01	0.5-2	5.5	2900	100	50	32	1/4"
JM-L120	2-40	1-0.01	0.7-3	7.5	2900	120	65	40	1/4"
JM-L140	2-40	1-0.01	1-4	11	2900	140	80	40	1/4"
JM-F65	2-40	1-0.01	0.2-0.7	2.2	2900	65	40	25	1/4"
JM-F80	2-40	1-0.01	0.3-1	4	2900	80	50	25	1/4"
JM-F100	2-40	1-0.01	0.5-2	5.5	2900	100	50	32	1/4"
JM-F120	2-40	1-0.01	0.7-3	7.5	2900	120	65	40	1/4"
JM-F140	2-40	1-0.01	1-4	11	2900	140	80	40	1/4"
JM-F180	2-40	1-0.01	2-7	18.5	2900	180	120	65	1/4"
JM-F260	2-40	1-0.01	3-12	30	2900	260	120	65	1/4"

注：JM-L系列代表立式，JM-F系列代表分体式。表中流量范围是指介质为“水”时测定的数据。

Note: JM-L series stands for vertical type, JM-F series stands for split type. The flow range in the table refers to the data measured when the medium is "water".

## LIQUID STORAGE TANK

储液罐



储液罐  
Liquid storage tank

### 概述

储液罐为单层、立式结构的卫生洁净型容器设备，是制药、是生物工程、食品、饮料、果酒、调味品、化工、油脂等行业中常用的中间缓冲、储液或静置沉淀设备。

储液罐可以根据要求制作单层，双层带夹套，加热，保温等；采用立式结构的卫生，材质：SUS304,SUS316，衬塑，特氟龙喷涂等。容积：50KG~20T（根据用户实际需求加工）。

### DESCRIBE

Liquid storage tank is a single-layer, vertical structure of health and clean container equipment, is pharmaceutical, biological engineering, food, beverage, fruit and wine, seasoning, chemical, oil and other commonly used in the industry of intermediate buffer, liquid storage or static precipitation equipment.

Liquid storage tank can be made according to the requirements of single layer, double layer with jacket, heating, heat preservation, etc.; Vertical structure of health, material: SUS304,SUS316, lining plastic, Teflon spraying and so on. Volume: 50KG~20T (processed according to the actual needs of users).

产品型号Prouct number	GYG-0.5	GYG-1.0	GYG-2.0	GYG-3.0	GYG-4.0	GYG-5.0
公称容积Nominal volume (L)	500	1000	2000	3000	4000	5000
工作压力Working pressure (MPa)	常压					
筒体直径Cylinder diameter (mm)	800	1000	1200	1500	1500	1600
筒体高度Barrel height (mm)	800	1100	1500	1500	2000	2200
筒体厚度Thickness of cylinder (mm)	3	3	3	3	4	4

备注：以上参数仅供参考，实际按用户需求加工。

Remarks: The above parameters are for reference only, and are actually processed according to user needs.

## JACKETED POT

夹层锅



夹层锅  
Jacketed pot

### 概述

夹层锅由锅体和支架组成，具有受热面积大、热效率高、加热均匀，加热时间短且温度容易控制、操作方便、安全可靠等特点。

广泛应用于各类食品的加工，也可用于大型餐厅或食堂熬汤、烧肉、炖肉、熬粥等，是食品加工提高质量、缩短时间、改善劳动条件的良好设备。

### DESCRIBE

The sandwich pot is composed of a pot body and a bracket. It has the characteristics of large heating area, high thermal efficiency, uniform heating, short heating time, easy temperature control, convenient operation, safety and reliability.

Widely used in all kinds of food processing, can also be used in large restaurants or canteen soup, meat, stew, porridge, etc., It is a good equipment for food processing to improve quality, shorten time and improve working conditions.

产品型号Product number	JCG-0.05	JCG-0.1	JCG-0.2	JCG-0.3	JCG-0.4	JCG-0.5	JCG-0.6	JCG-0.8	JCG-1.0
公称容积Nominal volume (L)	50	100	200	300	400	500	600	800	1000
锅口直径 Cylinder diameter (mm)	600	700	800	900	1000	1100	1200	1300	1400
锅体深度 Pot body depth (mm)	400	450	530	630	680	730	780	830	900
传热面积Heat transfer area (m <sup>2</sup> )	0.45	0.58	1.12	1.42	1.75	2	2.3	3.2	3.9
工作压力 Working pressure (MPa)	≤0.09								
搅拌转速Agitation speed (r/min)	36								
搅拌功率Stirring power (KW)	0.75	0.75	0.75	1.1	1.1	1.5	1.5	2.2	2.2

## PLANETARY STIRRING JACKETED POT

行星搅拌夹层锅



行星搅拌夹层锅  
Planetary stirring jacketed pot

### 概述

本产品锅体为一次冲压成型的半球不锈钢锅体，采用电磁加热、蒸汽加热、导热油加热、燃气加热等加热形式，搅拌形式，搅拌方式采用特殊的倾斜传动，使用行星搅拌器与锅体充分接触，实现传动公转与自转的不整数传动比，使锅内无搅拌死角。使用先进的传动与密封结构，使传动部分与锅内洁净、卫生。采用变频调速动力，运行更平稳。

加热式行星搅拌夹层锅打破明火烹调方式，具有升温快、无明火、无烟尘、无有害气体、对周围环境不产生热辐射，安全性好和外观美观等特点，是性能优良的食品加工设备。

### DESCRIBE

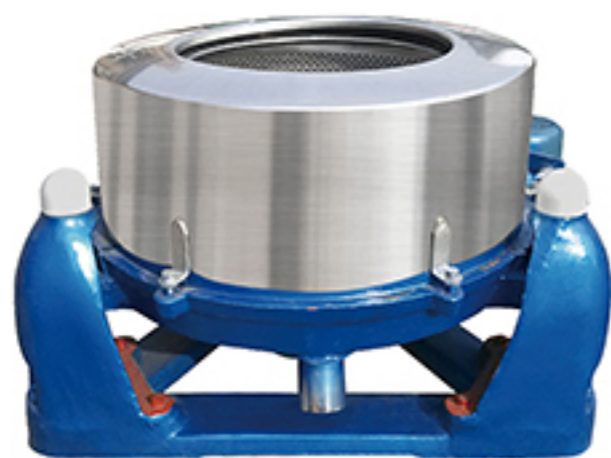
The pot body of this product is a hemispherical stainless steel pot body stamped and formed, and there are various heating forms such as electromagnetic heating, steam heating, heat transfer oil heating, gas heating, etc., stirring and mixing, the mixing method adopts special tilt drive, and the planetary stirrer is used to fully contact, realize the transmission revolution and rotation of the non-integer ratio, so that the pot body has no dead angle of stirring. Adopt advanced transmission and sealing structure to make the transmission part and pot body clean and hygienic. Frequency conversion speed regulation power, more stable operation.

The heating planetary stirring sandwich pot breaks open fire cooking mode, and has the characteristics of fast heating up, no open fire, no smoke, no harmful gas, no heat radiation to the surrounding environment, good safety and beautiful appearance. It is a food processing equipment with excellent performance.

产品型号Product number	RL-XJ100	RL-XJ200	RL-XJ300	RL-XJ400	RL-XJ500	RL-XJ600
容积Volume (L)	100L	200L	300L	400	500L	600L
直径Diameter (mm)	800	900	1000	1100	1200	1300
材质Material	SUS304	SUS304	SUS304	SUS304	SUS304	SUS304

## CENTRIFUGE

离心机



离心机  
Centrifuge



工业离心机  
Industrial centrifuge

### 概述

以离心运动为其工作原理，即由电动机带动内胆作高速转动，被脱物中的水份在高速旋转下离心运动，水从内胆的四周眼里飞溅出内胆，达到脱水的目的。

该机应用范围广，如：塑胶、化工、农业、医疗、食品、生物、建筑、纺织、环保等。

### DESCRIBE

Centrifugal movement is its working principle, that is, the motor drives the inner bladder to rotate at high speed, the water in the removed object moves centrifugously at high speed, and the water splashes out of the inner bladder from the eyes around the inner bladder to achieve the purpose of dehydration.

The machine is widely used, such as plastic, chemical, agriculture, medical, food, biology, construction, textile, environmental protection and so on.

产品型号product number	500	600	800	1000	1200
转鼓直径Drum diameter (mm)	500	600	800	1000	1200
转鼓高度 Drum height (mm)	280	280	340	370	490
转速 Rotating speed (turn/Minute)	1050	900	900	900	760
电机Motor (kw)	1.5	2.2	4	5.5	7.5
容量Capacity (kg)	25	45	80	130	220
净重Net weight (kg)	206	368	648	1006	1568
外形尺寸Dimensions (mm)	1000*760*600	1200*950*700	1400*1200*810	1700*1600*860	2100*1650*1050

备注：以上参数为普通型离心机，其它型号还有1500mm,1800mm,2000mm,2200mm等可供选择，可按需求加工订制。  
Remarks: The above parameters are ordinary centrifuges, other models are available in 1500mm, 1800mm, 2000mm, 2200mm, etc., which can be customized according to requirements.

## FLAT CENTRIFUGE

平板离心机



平板离心机  
Flat centrifuge

### 概述

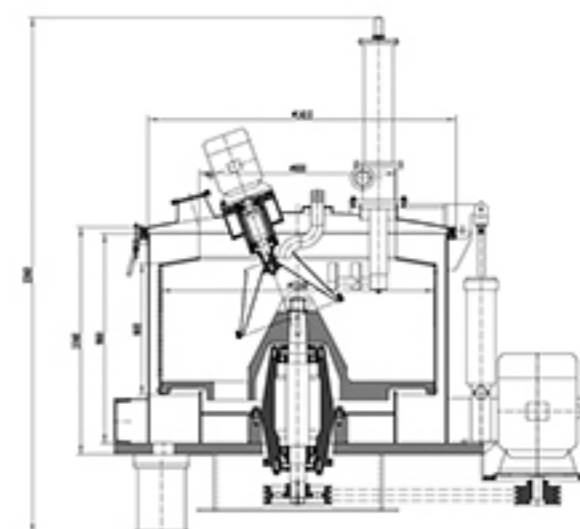
平板离心机有四足离心机，平板式上卸料离心机，平板吊袋离心机，平板刮刀自动离心机，夹套冷却浸泡离心机，广泛应用于食品，化工石油，制药，水处理，实验室，冶金等使用。它与普通三足式离心机相比，具有生产效率高，劳动强度低，运转平稳，操作条件好等特点。

### DESCRIBE

Plate centrifuge has quadruped centrifuge, plate type unloading centrifuge, plate hanging bag centrifuge, plate scraper automatic centrifuge, jacket cooling immersion centrifuge, widely used in food, chemical oil, pharmaceutical, water treatment, laboratory, metallurgy and other uses. Compared with ordinary three-legged centrifuge, it has the characteristics of high production efficiency, low labor intensity, smooth operation and good operating conditions.



平板刮刀离心机  
Flat scraper centrifuge



CAD图解  
CAD illustration