



ZHEJIANG L&B MACHINERY CO., LTD.

意从谷 设计印刷 13968806115

L&B COMPANY
百力仕企业



公司总部
浙江百力仕龙野轻工设备有限公司

地址：浙江省温州经济技术开发区滨海园区四道822号
手机：13858895008
电话：86-577-86821328
传真：86-577-86822410
公司官网：
www.cn-gg.com
www.blstank.com
www.blspump.com
E-mail:cn@cn-gg.com

HEADQUARTER
ZHEJIANG L&B MACHINERY CO., LTD.
ADD: No.822, 4th Road,Binhai Park, Wenzhou City, Zhejiang
Mobile phone: 13858895008
Tel: 86-577-86821328
Fax: 86-577-86822410
Company official website:
www.cn-gg.com
www.blstank.com
www.blspump.com
E-mail:cn@cn-gg.com

PERUSAHAAN CABANG
PT. LOB MACHINERY JAYA

alamat pabrik:Cileget RT.002/002 Desa
Nyompok Kec.Kopo Kabupaten Serang
alamat kantor:Jl.Carina sayang 2,Blok D,No 8,
Pluit, Jakarta utara
HP:+62-878-66008869
website perusahann:lob.co.id
E-mail:pt.landb@gmail.com

BRANCH COMPANY
PT. LOB MACHINERY JAYA

Add factory:Cileget RT.002/002 Desa
Nyompok Kec.Kopo Kabupaten Serang
Add office:Jl.Carina sayang 2,Blok D,No 8,
Pluit, Jakarta utara
Tel: +62-878-66008869
Company website:lob.co.id
E-mail:pt.landb@gmail.com



百力仕官网



WA



COMPANY PROFILE 企业简介

浙江百力仕龙野轻工设备有限公司创建于1995年（前身是温州市瓯海四方机械厂），经过多年不懈的努力，已成为一家集设计、开发、制造、工程、安装、技术服务于一体的现代化企业。公司位于中国浙南产业集聚区——温州市滨海园区，拥有自营进出口权。浙江百力仕专注于食品、医药、日化、化工等行业流体混合设备的生产制造及应用技术的研发，致力于解决生产中研磨、分散、乳化、均质、粉液分散混合、自动化配料等难题，提供核心混合设备。

公司严格按照ISO、DIN、IDF、SMS、3A工业标准要求制造，各种非标产品根据客户的要求量身定做。各项技术均达到国际领先水平，符合GMP药典要求，容器类设备符合ASME、PED及CE认证要求，产品大量出口美国、欧洲、东南亚等地区。

公司一直坚持的原则：诚信、共赢、创新、高效。力争以先进的科学管理及卓越品质，结合温州作为华东地区出口基地的地理优势，在不久的将来，百力仕必将会成为华东地区食品、日化、制药等流体机械行业的主要出口商和生产商。

Zhejiang L&B Fluid Equipment Co., Ltd. was founded in 1995. Its predecessor was Sifang Machinery Factory. After years of unremitting efforts, it has become a modern enterprise integrating design, development, manufacturing, engineering, installation and technical services. The company, which is located in the coastal area of Wenzhou City, an industrial cluster in southern Zhejiang, China, has the right to import and export. Zhejiang L&B Fluid Equipment Co., Ltd. specializes in the research and development of the production and application technology of fluid mixing equipment in food, medicine, chemical and other industries, and is committed to solving problems of grinding, dispersing, emulsifying, homogenizing, powder-liquid dispersion mixing, automatic batching, etc. and provides essential equipment for mixing.

The company manufactures strictly according to ISO, DIN, IDF, SMS and 3A industrial standards. Various non-standard products are tailor-made according to customer requirements and needs. All technologies have reached the international leading level, in line with the requirements of GMP Pharmacopoeia, container equipment meets ASME, PED and CE certification requirements, and the products are exported to the United States, Europe, Southeast Asia and other regions.

The company has always adhered to the principle: Integrity, Win-win, Innovation and Efficiency.

The company strives to take advanced scientific management and excellent product quality, combined with Wenzhou's geographical advantage as the export base of East China, in the near future, Zhejiang L&B Fluid Equipment Co., Ltd. will become the main manufacturer and exporter of fluid equipment in food, daily chemical and pharmaceutical industries in East China.



**DEVELOPING
PATH**
发展历程



- 【企业愿景】让定制成为常态，成为个性化解决方案领导者
- 【企业目标】力争行业技术领先，力创品牌革新建设
- 【企业精神】百业力行，乐于奉献，团结协作，仕通天下
- 【企业宗旨】共赢、务实、创新、卓越
- 【企业人才观】能者上、平者让、庸者下

- 【Enterprise Vision】 Make customization the norm, become the leader of customized solutions.
- 【Enterprise Goal】 Strive to lead the industry in technology, re-construct and innovate the brand.
- 【Corporate Spirit】 Hands-on Approach, Dedication, Unity and Cooperation, Connecting the World.
- 【Business Purpose】 All-win, Pragmatic, Innovative, Excellent.
- 【Talent Concept】 Able up, Mediocre down, Inferior out.



ENTERPRISE QUALIFICATIONS

荣誉资质

荣誉因为客户而存在。因为我们的一切努力，都是为了客户的满意。一个人性化的品牌，不仅在于获得荣誉的多少，更在于如何看待荣誉本身。百力仕，摒弃了荣誉的表象，真正将其作为激励自身的不竭动力。

Honor exists because of the customers. For all our efforts are aimed at customer's satisfaction. A brand exists, not only because how much honors it has got, more because how to treat the honor itself. L&B regards honors as the motivation to move on.



百业
BAI YE

力行
LIXING

L&B
浙江百力仕

仕通
SHI TONG

天下
TIAN XIA

PROFESSIONAL TEAM 专业团队

精英管理团队，锻造活力品质
Elite management team, forging vigorous quality

百力仕在追求卓越品质的同时，也培养造就了一批成就显著的百力仕人，成为企业及社会的无形财富，他们的成长，离不开良好的企业环境。百力仕在其发展过程中，重视为员工营造宽松的工作环境，创造优越的生活条件，公司上下有着和谐宽松的工作氛围，各类人才以饱满的热情投入到工作当中，去充分发挥个人能动性，为企业做出贡献的同时，也实现了个人的人生价值。

L&B Enterprise pursue the leading quality, and We also train a lot of excellent employee. They become a invisible fortune Bailishi enterprise, but their growing don't separate the nice enterprise surrounding. During the course of Bailishi' s enterprise development, we pay more attention on giving the relax working background for our employee. To create nice life condition, there is harmonious and relax working surrounding in order that all the employee can work zealously and present their ability and get success to enterprise .





EQUIPMENT MANUFACTURING

装备制造

整整有序，精益求精
Neat and tidy pursuing the perfection

关注细节、注重细节是百力仕产品优于行业一般企业的核心所在。百力仕拥有先进、完备的生产线和齐全的现代化生产设备，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，能在第一时间为您提供所需要的产品和服务。百力仕在同行业内争先通过 ISO901 国际质量认证体系；5S 现场管理手段；大量的国内外质量和产品安全认证是百力仕一直秉承质量是企业的生命的原则的具体体现。

To pay more attention to the details is the core why the products of L&B enterprise can keep ahead. L&B Enterprise have developed, self-contained and modernized products equipment, Which have a closely combination between quality of products and appearance of products, and make satisfactory meet modernized industrial. We can provide the products and serve you required. Bailishi Enterprise gain ISO901 international quality system, have 5S management system. To gain Inner and international quality guarantee is concert embodiment of "Quality is enterprise's life "in L&B enterprise.



VACUUM EMULSIFYING POT 真空乳化锅

产品概述

BLS-系列真空乳化锅是在对国外进口设备综合吸收的基础上,改进研制的中高级化妆品及制药生产关键设备,该设备具有快速均质,加热冷却和真空脱气等功能,并具有均质乳化效果好卫生条件好、热效率高、电气控制可靠、运行稳定、操作维修方便、劳动强度低等优点。是生产膏、霜、蜜类化妆品的理想设备。并可用于制药、食品、精细化工等高粘度物料行业中有关产品的生产。

Product Overview

BLS-Series Vacuum Emulsifier is a key equipment for the manufacture of cosmetics and pharmaceuticals based on the comprehensive absorption of foreign imported equipment. It has the functions of rapid homogenization, heating, cooling and vacuum degassing. It also has good homogenization emulsification effect, good sanitary conditions, high thermal efficiency, reliable electrical control and transportation. It has the advantages of stable operation, convenient maintenance and low labor intensity. It is an ideal equipment for producing ointment, cream and honey cosmetics. It can also be used in the production of related products in high viscosity material industries such as pharmaceuticals, food and fine chemicals.



工作原理

强劲的马达进行高速旋转使转、定子之间形成真空,物料从转、定子上部和底部吸入,内部的中心搅拌、聚四氟乙烯刮板始终迎合搅拌锅桶壁,扫净挂壁粘料,使被刮取的物料不断产生新界面;搅拌器配合转定子的高线速度剪切,使物料在转、定子间隙之间经过强烈的撞击、破碎、离心挤、液层摩擦、强力剪切之后飞射出去,在多种不同方向的作用下,产生强大紊流;由于乳化锅内处于真空状态,物料在搅拌过程中产生的气泡被及时抽走。

Working principle

The strong motor rotates at high speed to form a vacuum between the rotor and the stator. Material is sucked in from the rotor, the top and bottom of the stator. The central stirring and PTFE scraper in the interior always cater to the wall of the stirring pot and sweep away the sticky material hanging on the wall, so that the scraped material continuously generates a new interface. The agitator cooperates with the high-speed shear of the stator. Cutting makes the material fly out after strong impact, crushing, centrifugal extrusion, liquid layer friction and strong shear between the rotor and stator clearance, and produces strong turbulence under the action of various directions. Because the emulsifying pot is in a vacuum state, the bubbles produced during the mixing process of the material are pumped out in time.

主要技术参数 Main technical parameters

型号 Model	乳化锅 Emulsion pot						水锅 Water pot			油锅 Oil pot		
	总容积 Total volume (L)	搅拌功率 Mixing power (kw)	搅拌转速 Agitation speed (rpm)	乳化功率 Emulsifying power (kw)	乳化转速 Emulsification speed (rpm)	电热功率 Power (kw)	总容积 Total volume (L)	搅拌功率 Mixing power (kw)	搅拌转速 Agitation speed (rpm)	总容积 Total volume (L)	搅拌功率 Mixing power (kw)	搅拌转速 Agitation speed (rpm)
BL-GMT-005	50	1.5	0-35	2.2	0-2800	2	38	0.55	1400	38	0.55	1400
BL-GMT-010	100	1.5	0-35	4	0-2800	6	60	0.55	1400	60	0.55	1400
BL-GMT-020	200	2.2	0-35	5.5	0-2800	8	120	0.75	1400	120	0.75	1400
BL-GMT-050	500	5.5	0-35	11	0-2800	15	300	1.1	1400	300	1.1	1400
BL-GMT-100	1000	7.5	0-25	18.5	0-1440	24	650	1.5	960	650	1.5	960
BL-GMT-200	2000	15	0-25	30	0-1440	36	1200	2.2	960	1200	2.2	960

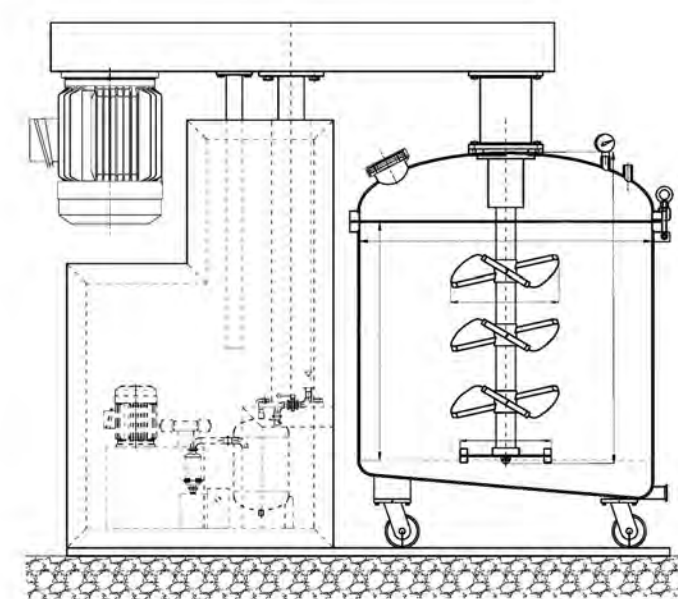
STAINLESS STEEL VACUUM DISPERSER 不锈钢真空分散机

工作原理

真空分散机适用于涂料、染料、颜料、油漆、油墨、胶合剂、树脂、药膏、化妆品、造纸、食品、橡塑、复合材料、绝缘材料、磁性材料、其它色浆等化工行业产品的液-固湿法分散、研磨、搅拌、均质、混合、溶解的加工设备。也用于多气泡物料和易挥发性溶剂较多的工艺中,通过抽真空使物料在真空中的容器内分散,减少气泡和溶剂的挥发,通过真空状态的分散可以加速物料的分散细度,使物料迅速脱泡。

Working principle

Vacuum disperser is suitable for liquid-solid wet dispersing, grinding, stirring, homogenizing, mixing and dissolving of coatings, dyes, pigments, paints, inks, cements, resins, ointments, cosmetics, paper-making, food, rubber and plastics, composite materials, insulation materials, magnetic materials, other color pastes and other industrial products. It is also used for multi-bubble materials and dissolving. In the process with more volatile solvents, the material is dispersed in the vacuum container by vacuum, which reduces the volatilization of bubbles and solvents. The dispersion fineness of the material can be accelerated by vacuum dispersion, and the material can be quickly defoamed.



主要技术参数 Main technical parameters

型号 model	电机功率 Motor power KW	转速 Speed rpm	分散盘直径 Dispersion disk diameter/mm	处理量 processing T/h	液压功率 Hydraulic power kw	升降行程 Lifting stroke mm	设备重量 Equipment weight kg
BFS-7.5	7.5	0-1450	230	≤400	0.55	300	800
BFS-11	11	0-1450	250	≤500	0.55	300	1000
BFS-15	15	0-1450	280	≤700	0.55	350	1100
BFS-18.5	18.5	0-1450	300	≤800	0.75	350	1300
BFS-22	22	0-1450	350	≤1000	0.75	400	1400
BFS-30	30	0-1450	400	≤1500	0.75	400	1500
BFS-37	37	0-1450	400	≤2000	1.1	500	1600
BFS-45	45	0-1450	450	≤2500	1.1	500	2000
BFS-55	55	0-1450	500	≤3000	1.1	500	2100
BFS-75	75	0-1450	550	≤4000	2.2	600	2300
BFS-90	90	0-950	600	≤6000	2.2	600	2600

MEDICAL SOLUTION MIXING TANK 配液罐

用途

主要用于大输液，小针剂及其它溶解、灭菌与调配作用。

性能

1. 本系列设备具有加热、冷却和保温、搅拌调配功能，容器按《钢制压力容器技术条件》进行设计、加工。
2. 规格有0.05m³ - 5.0m³不同容积供选择，还可以根据用户实际工艺需要进行设计、加工。
3. 采用夹层结构，具有加热面积大、焊接少等优点。
4. 轴封采用卫生级硬质合金与碳化硅204平衡型机械密封，耐磨耐压，减速机转速为60 - 82转/分。也可采用变频器来调速。
5. 接口采用国际通用标准ISO标准快装卡盘式，材料为进口316L或304，内表面镜面抛光Ra ≤ 0.28 μm，外表面亚光或镜面抛光处理。
6. 液位计有玻璃管液位计、静压传感器式液位计、超声波液位计可供选择。
7. 结构形式分为上下椭圆封头或下反凸底上椭圆封头结构，保证药液不残留。
8. 夹套结构形式分为标准夹套，外盘管夹套，蜂窝夹套三种供选择。

此种结构为上下椭圆封头与标准夹层夹套组合，具有夹套空间大，加热面积大，减少焊缝，内胆平整保证物料不挂壁。外形美，结构简单耐用等优点。其缺点为高度较高。另将减速机如改为蜗轮蜗杆卧式减速机可降低高度250 - 330mm左右。

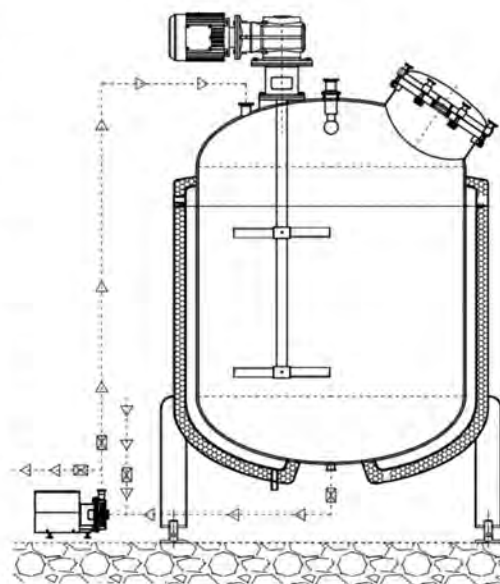


Usage

It is mainly used for the large transfusion, small injection as well as solution, sterilization and preparation etc.

Performance

1. The series of equipment have the functions of heating, cooling, heat preservation and mixing preparation. The vessel carries out design and processing according to "Technical condition for steel made pressure vessel".
2. The specifications for selection are 0.05m³-5.0m³ different volumes. It can also carry out the design and processing according to the actual technology requirements of customers.
3. Adopt interlayer structure, with the advantages such as large heating area and small welding etc.
4. The shaft seal adopts sanitary level hard alloy and silicon carbide 204 balancing mechanical seal, which is antiabrasion and anti-press. The rotation speed is 60-82r/m, and the speed can also be regulated by frequency converter.
5. The interface adopts internationally general-use standard ISO standard rapid installation chuck type, and the material is imported 316L or 304. The mirror polishing of internal surface Ra ≤ 0.28 μm, and the external surface adopts semi-luster polishing or mirror polishing treatment.
6. The liquid meters for selection are glass tube liquid meter, static pressure sensor type liquid meter and supersonic wave liquid meter.
7. The structure forms are divided into upward and downward round sealing head or do wnward reverse convex bottom upward round sealing head structure, which can guarantee no residual of liquid medicine.
8. The jacket structure forms for selection are divided into standard jacket, external coiled tube jacket, and honeycombed jacket. The structure is the combination of upward and downward round sealing head and standard layer jacket. It has large jacket space and large heating area, which can reduce the welding seam. The internal bladder is neat, which can guarantee that the material will not be hung on the wall. It has advantages such as beautiful appearance, simple structure and durability. The disadvantage is that it is too high. Additionally, if changing the reducer as horizontal worm gear reducer, the height can be reduced for about 250-330mm.



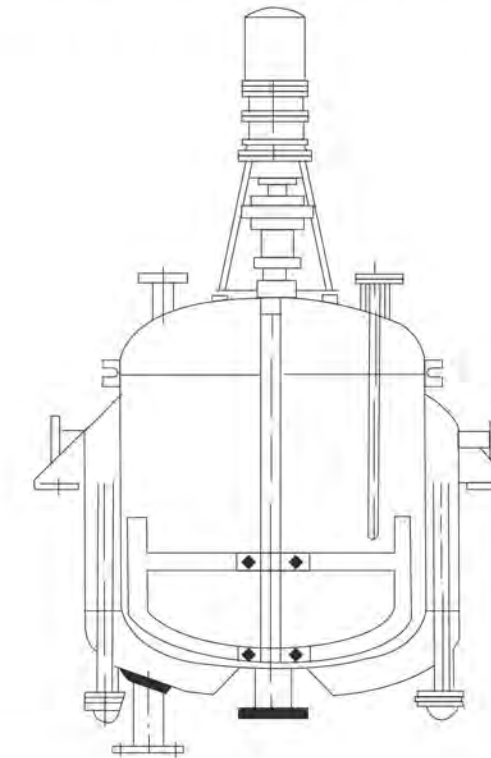
REACTION KETTLE(ORDINARY REACTION TYPE) 反应釜 (普通型)

产品概述

本设备主要用于医药、化工、食品、轻工等行业中的水解、中和、结晶、蒸馏、蒸发、储存等生产环节。反应釜可采用SUS304、SUS321、SUS304L、SUS316L等不锈钢材料制造。搅拌器有锚式、框式、桨式、涡轮式，转动机构可采用摆线针轮减速机、无级变速减速机，密封装置可采用机械密封，加热冷却可采用夹套、半管、盘管结构，加热方式有蒸汽、电加热、导热油，以满足耐酸、耐高温、耐磨损、抗腐蚀等不同工作环境的工艺需要。可根据用户工艺要求进行设计、制造。

Product Overview

The equipment is mainly used for the production chains such as hydrolysis, neutralization, crystallization, distillation, evaporation and storage in the industries of medicine, chemical industry, food and light industry etc. The reaction kettles are made of SUS304, SUS321, SUS304L, SUS316L etc. stainless steel material. The mixers are divided into anchor type, frame type, oar type and turbo type etc. The rotation mechanism can adopt cycloid pin gear reducer and stepless speed reducer. The sealing mechanism can adopt mechanical sealing. The heating and cooling can adopt jacket, semi-tube and coil structure etc. structures. The heating methods are steam, electric heating and heat guiding oil to satisfy the technology requirements under different work environment such as anti-acid, anti-high-temperature, anti-abrasion and anti-corrosion. The design and manufacturing can be carried out according to the technology requirements of customers.



主要技术参数 Main technical parameters

参数 Parameters	型号 Model	Fk100	Fk200	Fk500	Fk1000	Fk1500	Fk2000	Fk2500	Fk3000	Fk4000	Fk5000
容积 (L)	Volume	100	200	500	1000	1500	2000	2500	3000	4000	5000
公称直径 (mm)	Nominal diameter	500	600	800	1000	1200	1200	1400	1400	1500	1600
釜内公称压力 (MPa)	Nominal pressure in kettle	0.25-0.5									
夹套公称压力 (MPa)	Nominal pressure in jacket	0.25									
电机功率 (kw)	Motor power	1.1	1.5	2.2	4.0	4.0	4.0	5.5	5.5	5.5	7.5
搅拌转速 (r/min)	Blending rotation speed	63 85 130 180									

MAGNETIC AGITATION TANK 磁力搅拌罐

概述

磁力搅拌罐分罐体、磁力搅拌器，进/出料口。设备均由进口不锈钢304或316L制成，按GMP技术条件进行，缸体内抛光，缸底为椭圆封头，卫生无死角，进料口便于连续进各种配料，下面带有出料口便于放料，可于管道连接。此种罐结构为上下椭圆封头与标准夹层套组合，配下磁力搅拌器。具有搅拌叶结构，能适合不同介质混合。搅拌器离底部距离小不会产生沉淀，即使料液少也可搅拌等上搅拌器无法解决的缺陷。

Introduction

Magnetic agitation tank is composed of tank body and a magnetic agitator. All the parts are made of high quality acid resistant Stainless steel(304 or 316L) and conform to GMP Standard. The inner surface adopt mirror polish. The tank bottom use arc design, Which makes no dead angle of the tank. The inlet deign makes a continuous filling possible, The outlet design is good for discharge process. The structure of tank adopt oval tank top and standard tank jacket. There is a magnetic agitator at the bottom, The agitator has the advantage of small distance from the tank bottom, low requirement of liquid level. As a result, the is no precipitation problem and solve the problem of top mixer requires a minimal liquid level.

工作原理

磁力搅拌是磁力耦合的一种应用。利用磁性物质同性相斥的特性，通过不断变换基座的两端的极性来推动磁性搅拌器转动。

电机或减速机轴与内磁环相联，搅拌轴与外磁环相联。由于磁力的作用，如内磁旋转，外磁跟着旋转，从而带动搅拌轴旋转。内磁环与外磁环间有密封罩。密封罩将釜腔与环境以静密封形式隔开。所以它是一种最可靠的无泄漏密封，是无泄漏密封反应釜必配装置。

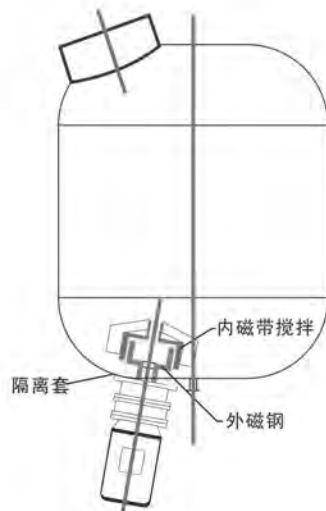
Working Principle

The magnetic agitating is an application of a magnetic coupling. Because the repulsion between the different poles of the magnetic material, We drive the magnetic agitator by continuous changing the the polarity of the magn etic base.

The shaft of motor and reducer connect with the inner magnetic ring. The agitation shaft connected with the out magnetic ring. The out magnetic ring rotates with the inner magnetic ring, and make the agitation shaft rotate according. The inner ring and outer ring are separated by a seal cover. The reactor cavity and the out environment are separated by the seal cover. So it is one of the most reliable No-leak design, and a necessities For no-leak reactors.

主要技术参数 Main technical parameters

型号 Model	功率 Motor(kw)	有效容积 Volume(L)	转速 speed(r/min)
CLB-20	0.2KW	50-200L	120-300
	0.4KW	50-200L	120-300
CLB-40	0.55KW	200-500L	120-300
	0.75KW	200-500L	120-300
CLB-60	1.1KW	500-1000L	120-300
	1.5KW	500-1000L	120-300
CLB-80	1.5KW	800-2000L	120-300
	2.2KW	800-2000L	120-300
CLB-100	3KW	1500-3000L	120-300
	4KW	1500-3000L	120-300
CLB-120	4KW	2000-5000L	120-300
	5.5KW	2000-5000L	120-300
CLB-140	7.5KW	3000-10000L	120-300



BIOFERMENTATION TANK 生物发酵罐

概述

生物发酵罐是一种对物料进行机械搅拌与发酵的设备。该设备采用内循环方式，用搅拌桨分散和打碎气泡，它溶氧速率高，混合效果好。罐体采用SUS304不锈钢，罐内配有自动喷淋清洗头，确保生产过程符合药品GMP标准。

结构

生物发酵罐主要有罐体、搅拌器、挡板、空气分布器、冷却管（或夹套）、消泡器、人孔、一体视镜视镜等主要部件组成。

配置

物料进出口、冷却液进出口、液位显示接口、温度传感器接口、PH计接口、压力传感器接口、空气呼吸器接口、CIP接口、消泡电极接口、流量计接口、仪表控制系统。

Summary

Biofermentation tank is used for mechanical mixing and fermentation of matters, this equipment adopts internal circulation to disperse and smash air bubbles by mixing oar, fast dissolving oxygen, good in mixing effect. The tank body adopts SUS304 stainless steel. Inside the tank is equipped with automatic sprinkle-nozzle, to ensure production process conforms to GMP standard.

Structure

Bio fermentation tank mainly consists of tank body, mixer, baffle plate, air distributor, cooling tube (or jacket), de foaming machine, manhole, integrated visual mirror and lamp etc.

Configuration

Product inlet and outlet, cooled liquid inlet and outlet, liquid level display interface, temperature sensor interface, PH gauge interface, pressure sensor interface, air breather interface, CIP interface, defoaming electrode interface, flow meter interface, instrument control system.



The products are widely applied to the industry field of dairy, food, beer, beverage, pharmacy, cosmetic and so on. 产品项目广泛应用于食品饮料、啤酒、制药、乳制品、化工等领域。



TILTING JACKETED KETTLE 可倾夹层锅



蒸汽加热夹层锅
Steam heating pot



电加热夹层锅
Electric heating pot

产品概述

可倾式夹层锅由锅体、支架、蜗轮、蜗杆等部件组成，锅体可作180度以内的转动，本设备为敞口式浓缩，主要用于制药、食品、化工、轻工等行业对料液的煎煮和浓缩，该设备与物料接触部分为不锈钢SUS304，具有较好的耐腐蚀性能，经久耐用，符合GMP要求，同时亦可根据用户要求，可增加搅拌装置。

Product Overview

Tilting jacketed kettle is composed of kettle, bracket, wormwheel and worm etc. The kettle can revolve with 180°, The equipment is used for open concentration, mainly for decocting and concentration of liquids in industries of pharmaceutical industry, food industry, chemical industry and light industry etc. Contact area of the equipment with materials is made of stainless steel SUS 304, which has perfect corrosion-proof performance, and is highly durable according to GMP requirements. Blender also can be added according to customer requirements.

主要技术参数 Main technical parameters

夹层锅 Pot	口径(mm)	Φ600	Φ700	Φ800	Φ900	Φ1000	Φ1100	Φ1200	Φ1300	Φ1400	
	锅深(mm)	450	500	550	600	650	700	750	850	950	
全容积(L)		50	100	200	300	400	500	600	800	1000	
搅拌电机功率(kw)		0.75	1.1		1.5			2.2			
沸腾时间(min) 填充80%		~5	~8	~11	~14	~18	~22	~25	~34	~40	
传热面积(m ²)		0.45	0.58	1.12	1.42	1.75	2	2.3	3.2	3.9	
蒸汽耗量kg/周期(cycle)		3.25	6.5	13	19.5	26	32.5	39	52	65	
设计温度(°C)		147 (可根据客户使用情况进行调整设计 Adjustable designs according to usage situation)									
高工作温度(°C)		135 (可根据客户使用情况进行调整设计 Adjustable designs according to usage situation)									
设计压力(MPa)		0.35 (可根据客户使用情况进行调整设计 Adjustable designs according to usage situation)									
高设计压力(MPa)		0.3 (可根据客户使用情况进行调整设计 Adjustable designs according to usage situation)									
外形尺寸 Dimensions	长(mm)	650	750	850	950	1050	1150	1250	1450	1550	
	宽(mm)	650	750	850	950	1050	1150	1250	1450	1550	
	高(mm)	1350	1400	1450	1500	1550	1700	1800	1900	2000	



燃气加热夹层锅
Gas Heating Sandwich Cooker

PLANETARY STIRRING SANDWICH POT 行星搅拌夹层锅

产品概述

行星搅拌夹层锅广泛应用于糖果、制药、乳品、酒类、糕点、蜜饯、饮料、罐头、卤味等食品的加工，也可用于大型餐厅或食堂熬汤、烧菜、炖肉、熬粥等，更是备受馅料酱生产业、肉制品熟食业、调味品业等加工行业的青睐，是食品加工提高质量、缩短时间、改善劳动条件的良好设备。

Product Overview

Planetary stirring sandwich pot is widely used in the processing of candy, pharmacy, dairy products, wine, pastries, preserves, beverages, cans, brine and other foods. It can also be used in large restaurants or canteens for soup boiling, cooking, stewing, porridge boiling, etc. It is also favored by filling sauce industry, meat products cooked food industry, condiment industry and other processing industries. It is a good equipment for food processing to improve quality, shorten time and improve working conditions.



主要技术参数 Main technical parameters

锅体 Capacity/L	锅体直径 diameter/mm	电机功率 Motor power/KW	转速 Speed/rpm	搅拌形式 stirrer form	起臂 lifting support 翻锅形式 Tilting type	加热形式 heating way
60L	Φ 600	0.75	15-33	行星 planetary /刮底 scraper	自动 self-motion /液压 Hydraulic	燃烧机 Burner
80L	Φ 700	0.75	15-33	行星 planetary /刮底 scraper	自动 self-motion /液压 Hydraulic	燃烧机 Burner
100L	Φ 800	0.75	15-33	行星 planetary /刮底 scraper	自动 self-motion /液压 Hydraulic	燃烧机 Burner
200L	Φ 900	1.5	15-33	行星 planetary /刮底 scraper	自动 self-motion /液压 Hydraulic	燃烧机 Burner
300L	Φ 1000	2.2	15-33	行星 planetary /刮底 scraper	自动 self-motion /液压 Hydraulic	燃烧机 Burner
400L	Φ 1100	3	15-33	行星 planetary /刮底 scraper	自动 self-motion /液压 Hydraulic	燃烧机 Burner
500L	Φ 1200	3	15-33	行星 planetary /刮底 scraper	自动 self-motion /液压 Hydraulic	燃烧机 Burner
600L	Φ 1300	4	15-33	行星 planetary /刮底 scraper	自动 self-motion /液压 Hydraulic	燃烧机 Burner
1000L	Φ 1400	4L	15-33	行星 planetary /刮底 scraper	自动 self-motion /液压 Hydraulic	燃烧机 Burner

COOKING POT 蒸煮锅

产品概述

蒸煮锅广泛应用于糖果、制药、乳品、酒类、糕点、蜜饯、饮料、罐头、卤味等食品的加工，也可用于大型餐厅或食堂熬汤、烧菜、炖肉、熬粥等。作为加热、保温、杀菌处理或贮藏浆液的必备设备。

Product Overview

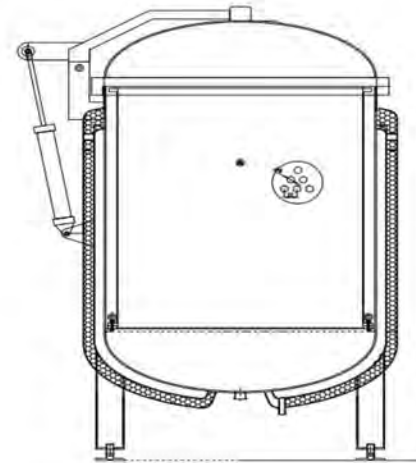
Cooking pots are widely used in the processing of candy, pharmaceuticals, dairy products, alcoholic drinks, cakes, preserves, beverages, cans, brine and other foods. They can also be used in large restaurants or canteens for soup boiling, cooking, stewing, porridge boiling, etc. As a necessary equipment for heating, heat preservation, sterilization or storage of slurry.

主要技术参数 Main technical parameters

名称 Item	型号 Model	ZZG-250	ZZG-500	ZZG-1000	ZZG-1500	ZZG-2000
粽子煮锅 Cooker	口径(mm) Diameter	Φ600	Φ800	Φ1000	Φ1200	Φ1300
	锅深(mm) Depth	800	1000	1200	1500	1500
接口尺寸 Port size	蒸汽管 Steam pipe	DN20		DN25	DN32	
	进出水口 Water inlet&outlet	DN32		DN40	DN50	
	排污口 Drain port	DN32		DN40	DN50AAA	
加热方式 Heating method	A. 锅炉蒸汽 steam(Z) b. 电加热 electric(D)					
蒸煮时间 Cooking time	90分钟~120分钟之间一锅 90-120 minutes per batch					
电加热功率(kw) Electric heating power	24	36	48			
设计温度(°C) Design temperature	100~137 (可根据客户使用情况进行调整设计) Can be adjust As per customer use					
设计压力(Mpa) Design pressure	0.095~0.35Mpa (可根据客户使用情况进行调整设计) Can be adjust as per customer use					
外形尺寸 Outer size	长 length(mm)	850	1050	1250	1450	1550
	宽 width(mm)	750	950	1150	1350	1450
	高 height(mm)	1650	1850	2050	2450	2550

*如有高温、高压、易燃、易爆、腐蚀性等工况时，必须提供详细数据，以便另行选型定制。
*本表数据及图片如有更改，恕不另行通知，正确参数以提供的实物为准。
*本表未能包括所有产品，了解更多请和我们销售工程师联系。

* In case of high temperature, high pressure, flammable, explosive, corrosive and other conditions, detailed data must be provided for alternative selection and customization.
* if data and photo changed, we will not specially point out, correct data follow manufacture drawing and product.
* This table does not include all products, learn more please contact our Sales engineer.



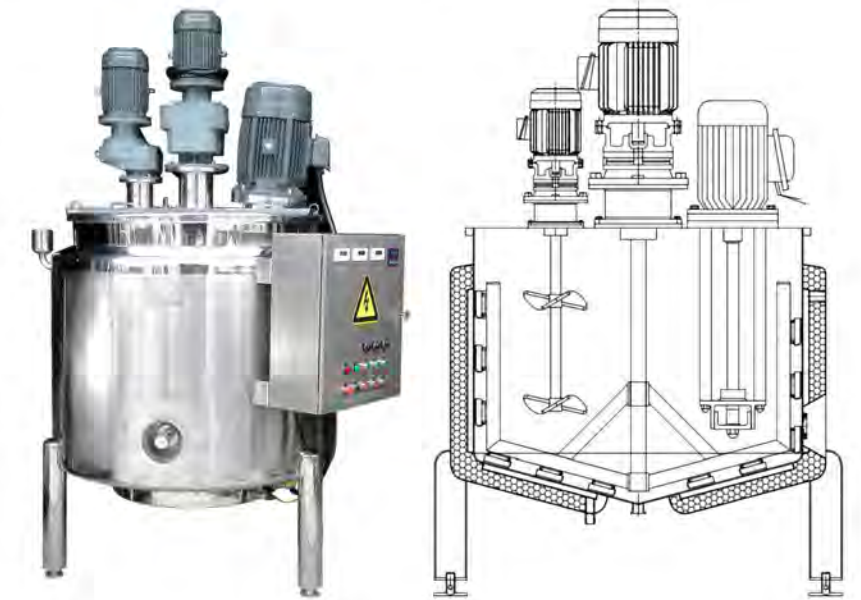
STAINLESS STEEL MULTIFUNCTIONAL DISPERSING TANK SERIES 不锈钢多功能分散罐系列

产品概述

多功能分散混合机适用于新能源、锂电池、涂料、油墨、胶合剂、树脂、药膏、化妆品、造纸、食品、日化等其它色浆等化工行业产品的液-固湿法分散、研磨、搅拌、均质、混合、溶解的加工设备。也可用于多气泡物料和易挥发性溶剂较多的工艺中，通过抽真空使物料在真空中的容器内分散，减少气泡和溶剂的挥发，通过真空状态的分散可以加速物料的分散细度，使物料迅速脱泡。

Product Overview

Multifunctional dispersing mixer is suitable for liquid-solid-wet dispersing, grinding, stirring, homogenizing, mixing and dissolving of new energy, lithium batteries, coatings, inks, binders, resins, ointments, cosmetics, paper-making, food, daily chemical and other color pastes. It can also be used for processing equipment of multi-bubble materials and easy to swing. In the process with more primary solvents, the material is dispersed in the vacuum container by vacuuming, which reduces the volatilization of bubbles and solvents. The dispersion fineness of the material can be accelerated by vacuuming, and the material can be quickly defoamed.



主要技术参数 Main technical parameters

型号 model	处理量 Capacity (L)	乳化功率 Homogenizer (kw)	乳化转速 Homogenizer (rpm)	刮壁功率 Scraper power (kw)	搅拌转速 Scraper speed (rpm)	桨叶功率 Impeller power (kw)	搅拌转速 Impeller speed (rpm)
GMT-100	≤80	3	0-2800	2.2	0-25	2.2	0-200
GMT-200	≤160	7.5	0-2800	4	0-25	4	0-200
GMT-300	≤240	11	0-2800	7.5	0-25	7.5	0-200
GMT-500	≤400	18.5	0-2800	11	0-25	11	0-200
GMT-800	≤640	30	0-1450	18.5	0-25	18.5	0-160
GMT-1000	≤800	37	0-1450	22	0-25	22	0-160
GMT-1300	≤1000	45	0-1450	30	0-25	30	0-160
GMT-1500	≤1300	55	0-1450	37	0-25	37	0-160
GMT-2000	≤1600	75	0-1450	45	0-25	45	0-160

*表中处理量是以“粘度值为100,000cps”为参考所设计的数据，选型时应根据产品的粘度、特性等参数进行计算。
*如有高温、高压、易燃、易爆、腐蚀性等工况时，必须提供详细数据，以便另行选型定制。
*本表数据及图片如有更改，恕不另行通知，正确参数以提供的实物为准。
*本表未能包括所有产品，了解更多请和我们销售工程师联系。

*The amount of processing in the table is based on the "viscosity value of 100,000cps" as the reference to the design of the data, selection should be based on the viscosity of the product, characteristics and other parameters for calculation.
* In case of high temperature, high pressure, flammable, explosive, corrosive and other conditions, detailed data must be provided for alternative selection and customization.
* if data and photo changed, we will not specially point out, correct data follow manufacture drawing and product.
* This table does not include all products, learn more please contact our Sales engineer.

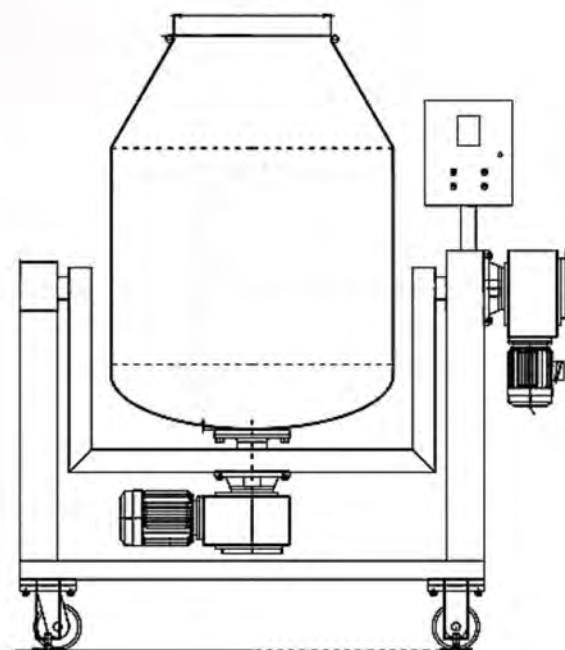
STAINLESS STEEL DRUM MIXER 不锈钢滚筒搅拌机

产品概述

搅拌机运转的时候搅拌叶片同时转动，旋转的双锥筒使筒体内物料产生紊乱翻滚混合，高速旋转的搅拌叶片打碎结团物料，使物料在筒体内快速混合。混料机是新型、高效、精细容器回转、搅拌型混合设备，用于各种粉状、粒状物料均匀混合，具有很高的混合度，对添加量很少的配料同样能达到较好的混合度；该机采用机械密封，粉料不会泄漏，轴承使用寿命长；该机混合效率高、工作效率较高、劳动强度低、操作方便。可在磁粉、陶瓷、化工、制药、饲料等行业使用。行业的粉体添加剂和微量元素的混合，干净卫生不氧化。

Product Overview

When the mixer runs, the mixing blade rotates at the same time. The rotating double cone drum makes the material in the cylinder tumble and mix in disorder. The high-speed rotating mixing blade breaks up the agglomerated material. The mixer makes the material mix quickly in the cylinder. It is a new, efficient, fine vessel rotating and agitating mixing equipment. It is used for all kinds of powder and granular materials. Material uniform mixing, with a high degree of mixing, the addition of a small amount of ingredients can also achieve a better mixing degree; the machine uses mechanical seals, powder will not leak, bearing life is long; the machine mixing efficiency, high efficiency, low labor intensity, easy to operate. It can be used in magnetic powder, ceramics, chemical industry, pharmacy, feed and other industries. The mixing of powder additives and trace elements in the industry is clean, hygienic and non-oxidizing.



HORIZONTAL SERIES MIXER 卧式系列搅拌机

产品概述

卧式螺带混合机工作原理无重力混合机卧式筒体内装有双轴旋转反向的桨叶，桨叶成一定角度将物料沿轴向、径向循环翻搅，使物料迅速混合均匀。卧式混合机性能特点减速机带动轴的旋转速度与桨叶的结构会使物料重力减弱，随着重力的缺乏，各物料存在颗粒大小、比重悬殊的差异在混合过程中被忽略。激烈的搅拌运动缩短了一次混合的时间，更快速、更高效。即使物料有比重、粒径的差异，在交错布置的搅拌叶片快速剧烈的翻腾抛洒下，也能达到很好的混合效果。

Product Overview

The working principle of horizontal screw-belt mixer is that the horizontal cylinder of gravity-free mixer is equipped with two-axis rotating reverse blades. The blades turn over and agitate the material along the axial and radial circulation at a certain angle, which makes the material mix rapidly and uniformly. The rotating speed of the driving shaft of the reducer and the structure of the blade will weaken the gravity of the material. With the lack of gravity, the difference of particle size and specific gravity of each material is neglected in the mixing process. Intense agitation shortens the time of mixing, which is faster and more efficient. Even if the material has the difference of specific gravity and particle size, it can achieve good mixing effect when the agitating blade with staggered arrangement is thrown rapidly and violently.



INTEGRAL DIRECT COOLING STORAGE TANK 整体直冷式冷藏罐

整体直冷式冷藏罐，以下简称冷藏罐，主要用于液体物料的保鲜、冷却与贮存。如：牧场贮存和冷却刚挤出来的鲜奶、小型收奶部、乳品加工厂、屠宰厂和食品、饲料、医药等。

冷藏罐主要由罐体、搅拌器、制冷机组、电气控制等几部分组成。

罐体全部采用不锈钢SUS304制成，经精密抛光处理，污垢不易积存，易清洗耐腐蚀。罐体保温层采用导热系数小的硬质泡沫塑料充填，质量轻、保温性能好。

The integral direct-cooling type refrigerating tank, hereinafter referred to as the refrigerating tank, is mainly used for freshness maintenance,

cooling and storage of liquid materials. For example: storage and cooling of fresh milk in the meadow, small-scale milk collection station, dairy processing plant, slaughtering factory, food, feedstuff and medicine etc.

The refrigerating tank is mainly composed of tank body, blender, refrigerating unit and electric control etc.

The tank body is completely made of SUS304 stainless steel and subjected to precise polishing treatment so that dirt is not easily accumulated in it and it is easy to be cleaned with corrosion resistant performance. The heat preservation layer of the tank is filled by hard foam plastics of low heat conducting coefficient and light weight to achieve a good heat preservation performance.



主要技术参数 Main technical parameters

型号 Model	容量L Volume	制冷量W Cooling power	搅拌转速 Agitating speed	配用功率 Matched power	外形尺寸 (长X宽X高) Share size (LxWxH)
TTC-F-0.5	500	3500W	36(24)r/min	1.5P	2200X1350X1150
TTC-F-1	1000	6900W	36(24)r/min	3.0P	2750X1150X1500
TTC-F-2	2000	13000W	36(24)r/min	5P	3200X1500X1600
TTC-F-3	3000	17800W	36(24)r/min	6.5P	3500X1650X1700
TTC-F-5	5000	34000W	36(24)r/min	13P	4000X1950X2100
TTC-F-6	6000	34000W	36(24)r/min	13P	4200X2200X2100
TTC-F-8	8000	42000W	36(24)r/min	18P	4800X2400X2400
TTC-F-10	10000	65000W	36(24)r/min	24P	5000X2600X2500

ONLINE CLEANING AND STERILIZATION SYSTEM(CIP/SIP) 在线清洗与灭菌系统(CIP/SIP)

为制药企业配液系统提供全自动清洗方案，产品分为移动式CIP小车、单罐CIP工作站、双罐CIP工作站和多罐CIP工作站等多种形式，CIP站不仅可以完成对清洗目标的清洗，还可以完成设备本身的自清洗和灭菌。系统采用3D模块化设计，外型紧凑、美观、大方。

To provide pharmaceutical enterprises with automatic cleaning solution of preparation system. The products have various forms such as movable CIP trolley, single-tank CIP SKID, double-tank CIP SKID, multiple-tank CIP SKID, etc. CIP SKID can not only complete cleaning of cleaning target, but also can complete self-cleaning and self-sterilization of equipment.



THREE-LAYER VERTICAL BLENDING COOLING AND HEATING SERIES 三层立式搅拌冷热缸系列

使用范围

1. 可作配料罐、混料罐、调配罐、发酵罐、消毒缸、老化缸等。
2. 适用于食品、乳制品、果汁饮料、医药化工及生物工程等领域。

Applicable range:

1. Used as blending tank, mixing tank, preparation tank, fermentation tank, disinfection tank and ageing tank etc.
2. Ideal in fields such as foods, dairy products, fruit juice beverages, pharmacy, chemical industry and biological engineering etc.

结构特征

1. 采用内筒体、夹套加外包，中间填充保温材料结构。
2. 材料均为卫生级不锈钢。
3. 结构设计极具人性化，可操作性强。
4. 筒体内壁过渡段采用圆弧过渡，保证卫生无死角。

Structure characteristics

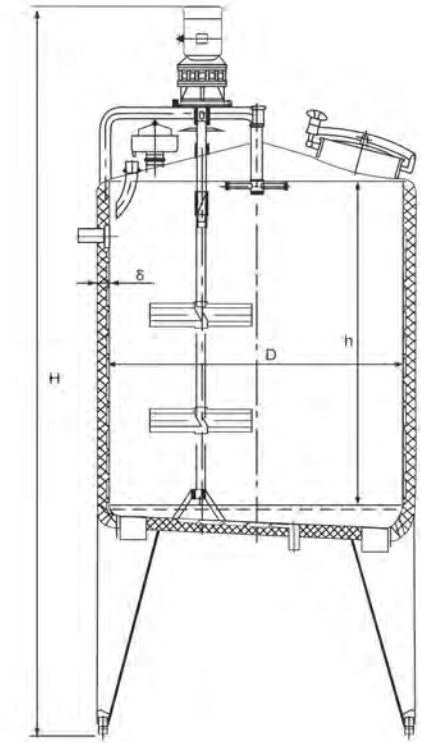
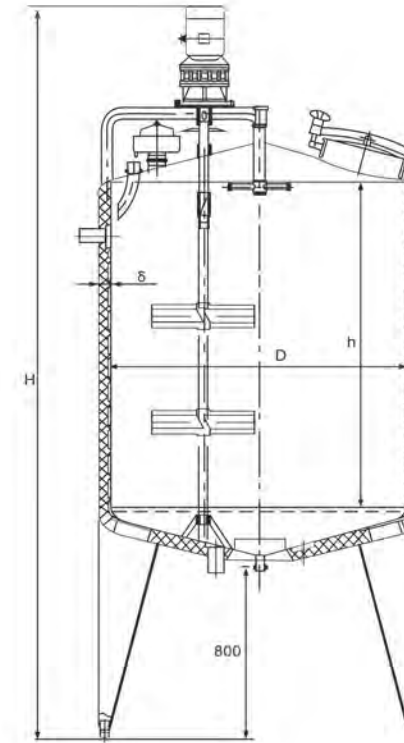
1. Adopt structure of internal tank and external package, with heat preservation materials inside.
2. Materials are all sanitary stainless steel.
3. Humanized structure design and easy to operate.
4. Transition area of interior wall on tank adopts arc for transition to ensure no dead corner of sanitation.

罐体配置

1. 快开式人孔。
2. 各种外形的CIP清洗器。
3. 防蝇虫卫生级透气罩。
4. 可调式三角支腿。
5. 可拆卸进料管套件。
6. 温度计（根据客户要求配置）。
7. 爬梯（根据客户要求配置）。
8. 立式搅拌器（根据客户要求配置桨式或者框式）。
9. 夹套（根据客户要求配置米勒板、空心夹套或者盘管夹套）。
10. 液位计及液位控制（根据客户要求配置）。
11. 防涡板。

Configuration of tank

1. Quick open manhole.
2. Various types of CIP cleaners.
3. Fly and insect resistant sanitary breathing cover.
4. Adjustable triangular bracket.
5. Dismountable materials input pipe assembly.
6. Thermometer (According to customer requirements).
7. Ladder (According to customer requirements).
8. Vertical blender (Paddle type or frame type are available if customers require).
9. Jacket (Miller board, hollow jacket or coil pipe jacket are available according to customer requirements).
10. Liquid level meter and level controller (According to customer requirements).
11. Eddy-proof board.



主要技术参数 Main technical parameters

有效容积 Effective volume (L)	筒体尺寸(Dxh) Dimension of tank (mmxmm)	总高(H) Total height (mm)	保温层δ Heat preservation layer (mm)	进/出口口径 Diameter of inlet & outlet (mm)	电机功率 Motor power (kw)	搅拌速度 Blending speed (r/min)
500	840x1000	2750	60	38	0.55	常用转速 35、43、60 也可选用 无级变速减速机 或者双速减速机 Common rotation speed 35,43,60 stepless speed reducer or dual-speed reducer are also available
600	920x1000	2850	60	38	0.55	
700	990x1000	2850	60	38	0.55	
800	950x1220	3000	60	38	0.55	
900	1010x1220	3000	60	38	0.55	
1000	1060x1220	3150	60	51	0.75	
1500	1160x1500	3350	60	51	0.75	
2000	1340x1500	3410	60	51	1.1	
3000	1410x2000	4000	60	51	1.5	
4000	1620x2000	4250	60	51	1.5	
5000	1810x2000	4300	60	51	2.2	
6000	1980x2000	4550	60	51	2.2	
7000	1930x2440	5000	60	51	2.2	
8000	2060x2440	5000	60	51	3	
9000	2180x2440	5050	60	51	3	
10000	2300x2440	5050	60	51	3	
12000	2270x3000	5600	60	51	4	
15000	2530x3000	5700	60	51	4	
20000	2640x3660	6400	60	51	5.5	

如客户提出特殊要求可根据客户要求定作。总高(H)是根据出口口高度800mm而得出的数据，如改变出口口高度，总高(H)作相应调整。
It can be made according to special requirements of customers. Total height(H) is in accordance with outlet height of 800 mm. If outlet height is changed, then total height(H) shall also be adjusted.

STAINLESS STEEL SERIES 不锈钢罐系列

使用范围

1. 本系列设备具有加热、冷却和保温、搅拌调配功能。容器按《钢制压力容器技术条件》进行设计加工。
2. 规格有0.05m³—5.0m³不同容积供选择，还可以根据用户实际工艺需要进行设计、加工。
3. 采用夹层结构，具有加热面积大、焊接少等优点。
4. 适用于食品、乳制品、果汁饮料、日化、医药化工及生物工程等领域。
5. 搅拌方式（可根据客户实际生产要求定制）。
6. 轴封采用卫生级硬质合金与碳化硅204平衡型机械密封。耐磨耐压。减速机选用进口，转速为60-82转/分。也可采用变频器来调速。
7. 接口采用国际通用标准ISO标准快装卡盘式，材料为316L或304，内表面镜面 Ra≤0.28um，外表面亚光或镜面光处理。
8. 液位计有玻璃管液位计、静压传感器式液位计、超声波液位计可供选择。
9. 结构形式分为上下椭圆封头或下反凸底上椭圆封头结构，保证物料不残留。
10. 夹套结构形式分为标准夹套，外盘管夹套，蜂窝夹套三种供选择。



电加热真空搅拌罐
 Vacuum Mixing Tank



冰水机
 Ice water machine



电加热真空灭菌机
 Vacuum Sterilizer



糖浆配液系统
 Syrup Mixing System



果酱真空制冷搅拌锅
 Vacuum Cooling Tank for Jam



电加热反应釜
 Electric Heating Reactor



电加热拉缸
 Heating Storage Tank



真空乳化机
 Vacuum Emulsifier



常压电加热调配罐
 NP Preparation Tank

Applicable range

1. The series of equipment have the functions of heating, cooling, heat preservation and mixing preparation. The vessel carries out design and processing according to technical conditions for steel made pressure vessel.
2. The specifications for selection are 0.05m³—5.0m³ different volumes. It can also carry out the design and processing according to the actual technology requirements of customers.
3. Adopt interlayer structure, with the advantages such as large heating area and small welding etc.
4. Suitable for food, dairy products, juice and beverage, daily chemical, pharmaceutical, chemical and biological engineering fields.
5. Mixing mode (customized according to customer's actual production requirements).
6. The shaft seal adopts sanitary hard alloy and silicon carbide 204 balancing mechanical seal, which is antiabrasion and anti-pressure. The reducer adopts imported product. The rotation speed is 60-82 r/m, and the speed can also be regulated by frequency converter.
7. The interface adopts internationally general-use standard ISO standard rapid installation chuck type, and the material is imported 316L or 304. The mirror polishing of internal surface Ra≤0.28um, and the external surface adopts semi luster polishing or mirror polishing treatment.
8. The liquid meters for selection are glass tube liquid meter, static pressure sensor type liquid meter and supersonic wave liquid meter.
9. The structure forms are divided into upward and downward round sealing head or downward reverse convex bottom upward round sealing head structure, which can guarantee no residual of material.
10. The jacket structure forms for selection are divided into standard jacket, external coiled tube jacket and honeycombed jacket.



化妆品釜底均质机
 Bottom Homogenizer
 for Cosmetic

ASEPTIC PREPARATION SYSTEM 无菌配液系统

产品概述

百力仕公司为制药企业提供各种剂型的无菌配液系统，包括大输液、水针、冻干粉针、滴眼剂和口服液等。系统采用3D模块化设计，外型紧凑、美观、大方。系统所需的罐、泵、换热器、过滤器、阀门、管道、仪表等主材均选用国际、国内优秀品牌，在基础上保证系统整体质量。设备控制系统硬件选择基于目前世界上广泛应用的标准模块，其中PLC选择西门子300系列，HMI选择MP277系列的触摸屏。程序设计参照了GAMP5进行了优化设计，提高了程序的稳定性，并且有相关的文件进行支持，确保系统的可追溯性。系统可实现生产、清洗和灭菌的全自动控制。

Product Overview

L&B company To provide pharmaceutical enterprises with different dosage forms of aseptic preparation system including LVP, water injection, lyophilized powder injection, eye drop, oral solution, etc. The products are classified into two types: water-soluble and oil-soluble. System uses 3D modular design with characteristic of compact, attractive and nice shape. The selection of control system for equipment bases on the standard modular which is widely used in the world, of which PLC selects Siemens 300 series touch screen and HMI selects Siemens MP277 series touch screen. Software model applies to all S7PLC system. Program design has referenced GAMP5 for design optimization. The stability of program was improved. And the traceability of system is ensured with the support of relevant documents. The system can realize full automatic control of production, cleaning and sterilization.



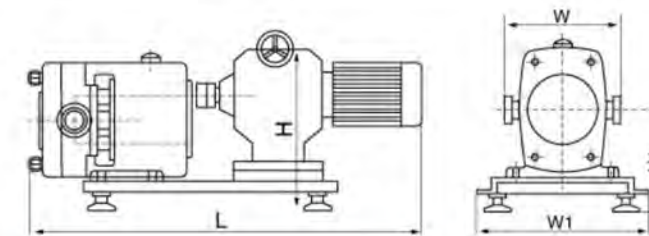
SANITARY ROTARY LOBE PUMP 卫生级凸轮转子泵

传输介质

- 1、凡与介质(物料)接触部位均采用不锈钢制造(材质SUS304、AISI316、316L)完全符合卫生标准。
- 2、适合输送高粘度、浓度及任何含颗粒的介质(物料)。
- 3、适用温度-30℃至+120℃。
- 4、压力高，适用长距离与高阻力定量输送。
- 5、转速低，一般在200rpm至600rpm之间，经其输送的物料保持原有品质不变，不起任何理化反应。
- 6、转子与转子之间绝无接触，长期使用亦无磨损，运转平稳，故噪音低。
- 7、装折简单容易，方便清洗，保持卫生清洁。

Operation Principle

1. All the parts that will have contact with the media (material) are made of stainless steel (SUS304, AISI316, 316L) and are in accordance with hygienic standards.
2. It is suitable for transporting medium (material) with high viscosity, concentration, or any grains.
3. Suitable temperature, -30°C to +120°C.
4. High pressure, long distance and high resistance quantitative transmission adopted.
5. Low turning speed, usually between 200rpm to 600rpm, the media transmitted by it will keep the original quality and no physical or chemical reaction will take place.
6. Never contact so there will be no wearing for long time use, stable operation and low noise.
7. Easy to set up and dismantle, easy to scour and keep clean and hygienic.



技术参数 Technical parameters

型号 Model	百转量(L) L/100R	调速范围 (rpm)	流量(L/H) Flow Rate	功率(KW) Power	接口尺寸 Inlet	L	H	H1	W	W1	接口形式 Connection type
BLS-3	3L	200-500	300-800	0.55	φ 25X1.5	710	290	150	150	240	卡箍 Clamp 螺纹 Union 法兰 Flange
BLS-6	6L	200-500	650-1600	0.75	φ 25X1.5	780	390	170	190	240	
BLS-8	8L	200-500	850-2160	1.5	φ 32X1.5	850	400	170	190	280	
BLS-12	12L	200-500	1300-3200	2.2	φ 38X1.5	980	450	185	220	330	
BLS-20	20L	200-500	2100-5400	3	φ 51X1.5	1000	450	190	250	330	
BLS-30	30L	200-400	3200-6400	4	φ 51X1.5	1050	480	220	270	350	
BLS-36	36L	200-400	3800-7600	4	φ 50.8X1.5	1100	490	220	270	360	
BLS-52	52L	200-400	5600-11000	5.5	φ 63.5X1.5	1250	580	260	270	480	
BLS-66	66L	200-400	7100-14000	7.5	φ 63.5X1.5	1350	600	260	270	480	
BLS-78	78L	200-400	9000-18000	7.5	φ 76X2	1260	600	295	370	480	
BLS-100	100L	200-400	11000-22000	11	φ 76X2	1320	670	295	370	480	
BLS-135	125L	200-400	15000-30000	15	φ 89X2	1500	670	295	370	480	
BLS-160	160L	200-400	17000-34000	18.45	φ 102X2	1500	720	320	420	560	
BLS-200	200L	200-400	21600-43000	22	φ 102X2	1500	720	320	420	560	



BRH HIGH SHEAR HOMOGENEOUS EMULSIFIERS BRH 型高剪切均质乳化机

用途及特点

BRH高剪切均质乳化机是一种直立式安装的乳化设备。定子设计为爪式耦合结构，物料从主机上部与下部同时吸入，并向四周离心抛出，剪切均质效率成倍提高，避免釜内上部物料易产生死角的问题。

该产品适用于在各种大、小反应釜、普通容器上进行均质、精细、乳化。小容量乳化也可以进行移动吊装使用。



Application and Character

BRH high shear homogeneous emulsification machine is a kind of vertical installation of emulsification equipment. Stator design for claw type coupling structure, material from the host upper and lower suction at the same time, and around the centrifugal throw, Shear homogeneous efficiency multiplied, to avoid the problem of kettle inside the upper material is easy to produce blind Angle.

The product is suitable for all kinds of large and small reaction kettle, uniform, fine on the common container, emulsification. Small capacity of emulsion can be used for mobile lifting.



1 2 3 4
BRH系列间歇式高剪切分散乳化机
BRH Series of intermittent high shear emulsifying machine

5
BRJ系列捷流式高剪切分散混合机
Series of strapdown streaming high shear mixer

6
釜底乳化头
kettle bottom emulsification head

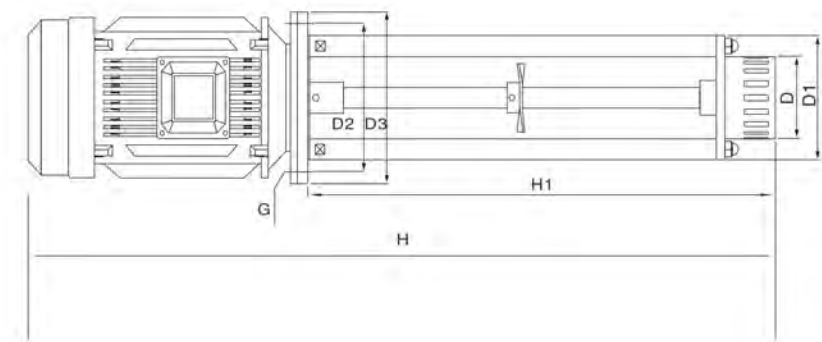
高剪切分散乳化机就是高效、快速、均匀地将一个相或多个相分布到另一个连续相中，而在通常情况下各个相是互相不溶的。由于转子高速旋转所产生的高切线速度和高频机械效应带来的强劲动能，使物料在定、转子狭窄的间隙中受到强烈的机械及液力剪切、离心挤压、液层摩擦、撞击撕裂和湍流等综合作用。从而使不相溶的固相、液相、气相在相应成熟工艺和适量添加剂的共同作用下，瞬间均匀精细地分散乳化，经过高频的循环往复，最终得到稳定的高品质产品。

High Shear Batch Emulsifier is suitable for mixing, Dispersing, Shearing and Homogenizing all kinds of viscous liquid and pastes. The products could be applied in Food, Beverage, Chemical, Pharmaceutical, Paint& ink industry etc. The Unit consists of a centrally located shaft, connected to a flanged type motor mounted on a steel housing. We have four types of different stators to suit different working condition.

案例图 Case map



安装图 Installation map



技术参数 Technical parameters

型号 Model	处理量 Capacity(L/h)	功率 power(KW)	转速 speed(rpm)	D	D1	D2	D3	H	H1	G
BRH80	5-40	1.1	2800	105	145	200	205	705	350	8xΦ16
BRH90	5-50	1.5	2800	110	155	210	210	710	350	8xΦ16
BRH100	50-100	2.2	2800	116	160	215	265	1150	650	8xΦ16
BRH120	100-300	4	2800	141	195	255	290	1300	750	8xΦ16
BRH140	200-800	7.5	2800	156	215	280	330	1520	900	8xΦ16
BRH160	300-1000	11	2800	184	235	280	330	1655	1050	8xΦ20
BRH180	500-1500	18.5	2800	200	280	360	415	2070	1200	8xΦ20
BRH200	800-2000	22	1400	240	300	360	415	2130	1200	8xΦ20
BRH220	1000-3000	30	1400	260	320	400	450	2525	1355	8xΦ20
BRH240	1500-5000	37	1400	280	340	400	450	2585	1395	8xΦ20
BRH270	2000-8000	55	1400	330	380	500	550	2995	1600	8xΦ20
BRH290	300-10000	75	1400	350	400	500	550	3050	1650	8xΦ20

BRL-1 PIPELINED HOMOGENEOUS EMULSION PUMP BRL-1 管线式均质乳化泵

管线式均质乳化泵

管线式均质乳化泵是用于连续生产或循环处理精细物料的高性能设备，在狭窄空间的腔体内，装有1—3组对偶咬合的多层定、转子，转子在马达的驱动下调整旋转，产生强劲的轴向吸力将物料吸入腔体。在最短的时间内对物料进行分散、剪切、乳化处理，料径分布范围也显著变窄，由此可制得精细的长期稳定的产品。



BRL1 管线式乳化泵
BRL In-line emulsion pump



移动式乳化泵
Mobile emulsion pump



单级乳化罐
Single stage emulsion tank

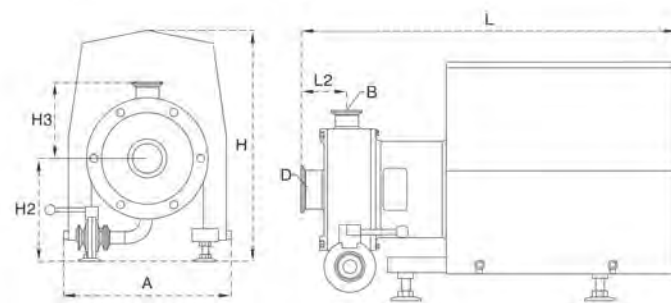
管线式均质乳化泵的优点

处理量大，适合工业化在线连续生产；粒径分布范围窄，匀度高；节约能耗、省时、高效；噪音低、运转平稳；消除批发间生产的品质差异；无死角。物料100%通过分散剪切；具有短距离、低扬程输送功能；使用简单，维修方便；可实现自动化控制。

The advantages of pipeline high cutting separate

Large volume treatment, suitable for industrialized online continuous production;
the distribution range is narrow with high homogenization;
Energy saving, time saving, high efficiency;
Low noise, steady operation;
Eliminates the difference between different lots;
No blind angle, the material will be separated and cut 100% with shod distance, low lift transmission function;
Easy to operate and maintain;
automatic control can be realized.

安装图 Installation map



技术参数 Technical parameters

产品型号 Model	功率 (kw) Power	流量 (m³/h) Flow	L	H	A	H2	H3	Dφ	Bφ
BRL1-80	1.5	0-1.5	528	367	240	180	126.5	38	32
BRL1-100	2.2	0-3	528	367	240	180	126.5	38	32
BRL1-130	4	0-4	611	413	290	202	135	51	38
BRL1-140	5.5	0-5	660	490	340	222	152.5	63.5	51
BRL1-165	7.5	0-8	700	490	340	222	152.5	63.5	51
BRL1-180	11	0-12	847	554	382	260	167.5	76.2	63.5
BRL1-190	15	0-18	847	554	382	260	167.5	76.2	63.5
BRL1-200	22	0-25	957	585	410	290	181	76.2	63.5
BRL1-210	30	0-35	1035	650	450	310	186	89	76.2
BRL1-230	45	0-50	1090	705	450	323	196	102	89
BRL1-245	55	0-75	1160	750	570	370	204	102	102
BRL1-260	75	0-90	1220	820	570	400	212	127	102

Pipeline high cutting separate emulsification machine

Pipeline high cutting separate emulsification machine is a high-performance equipment used for continuous production or dealing with meticulous material in the small body contain 1-3 group antithesis bitten multi-layer stator and rotor shut in narrow of space the rotor rotates to adjust driven by the motor producing powerful axial suction sucking the material into the body. It separate, cut and emulsify the material in the shortest time and the material range become narrow notably too and produce meticulous long steady products.

BRL-3 PIPELINED HOMOGENEOUS EMULSION PUMP BRL-3 管线式均质乳化泵

工作原理

工作腔内装有三组定、转子，工作腔内传动轴采用悬臂式，弹性联轴器将电机与轴承箱内的主轴联接，提高传动轴的运行质量，密封形式根据不同的工况来选择。适用于中、大批量在线连续生产或循环处理生产工艺。



细齿 中齿 粗齿

粗齿：撞击、破碎、剪切、溶解、粗分散

中齿：分散、细化、加速溶解、乳化

细齿：超细分散、加强乳化、均质、浆化

Thick teeth:

striking, breaking, cutting, dissolving, rough separating

Middle teeth:

separating, granulizing, speeded dissolving, emulsifying

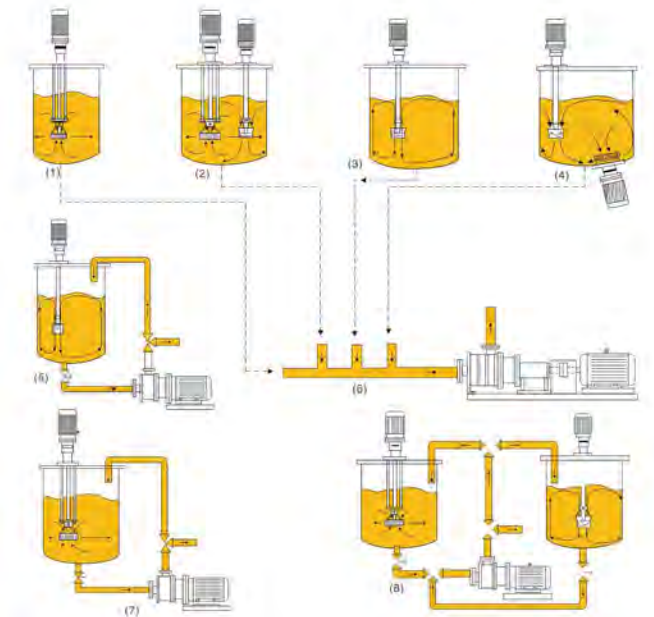
Thin teeth:

micro separating, enhanced emulsifying, homogenizing, starching



Operation Principle

Three sets of stators and rotors are equipped in working cavity. Driving shaft in working cavity is an arm, electrical motor and the shaft in bearing cabinet can be connected by spring coupling to improve the operation quality of driving shaft. Seal form can be selected in different conditions. It is for middle-large scale on-line continuous production or circulated treatment production process.



技术参数 Technical parameters

型号 Model	电机功率 (KW) Power	转速 (rpm) Speed	流量范围 (m³/h) Flow
BRL3-60	4	2800	0-4
BRL3-100	7.5	2800	0-8
BRL3-120	11	2800	0-12
BRL3-140	15	2800	0-18
BRL3-165	22	2800	0-22
BRL3-200	37	2800	0-30
BRL3-220	55	2800	0-40
BRL3-240	75	2800	0-55
BRL3-260	90	1480	0-65
BRL3-300	110	1480	0-80
BRL3-360	132	1480	0-100
BRL3-380	160	1480	0-120
BRL3-400	185	1480	0-140

WPL HIGH EFFECTIVE DOSING MACHINE WPL 型高效乳化配料机

工作原理

WPL 高效在线混料机系统是最代固体和液体，液体和液体快速高效混合系统设备。系统具有动力强劲的液环真空动力系统，保证系统工作高效，安全可靠，而且还巧妙的设计了套精确而紧密咬合的转子一定子系统，使得高效在线混料机具备多种独特而相互统的功能。在独特而紧凑的结构系统内，两套系统协同配合，共同作用，使非均质的物料在很小的空间里得到快速，彻底的均质和混合，得到细密均匀而且可稳定产品的生产结果。

功能特性

- 1、具备混合、拌、分散、均质、乳化、匀浆等多种功能，通用性强；
- 2、生产稳定均一，可无限重复验证。尤其在乳品、饮料、食品和药品生产工艺中显得重要。
- 3、无粉团、无颗粒、无团块凝集物形成。
- 4、高效率：与传统的工艺相比，可缩短约80%的工作时间，极大的提高生产效率，降低生产成本。
- 4、既广泛适用连续自动生产线，也适用于不同的批次生产应用场合。
- 6、特别适用于高黏度，难溶解的物料(黏度可达90,000mPas)；
- 7、设备无死角，可完全在线CIP / SIP，符合卫生要求和标准。
- 8、模块化结构：不需现场安装调试而直接使用，大大降低安装成本。
- 9、结构紧凑：占用空间小，易于与其他系统整合，节约投资。

Features

1. Have mixed, stirring, decentralized, heterogeneous, emulsion, homogenized, and other functions, high universality.
2. Production stability uniform, can be infinitely repeated verification. Particularly in dairy products, beverages, food and pharmaceutical production process more important.
3. No powder Mission, grain-free, no clumps of a lectin.
4. High efficiency: Compared with the traditional process can be shortened by about 80 percent of the time, greatly improving production efficiency, reduce production costs.
5. Extensive application for automated production lines, but also to different batch Production applications.
6. Particularly applicable to high-viscosity, difficult to dissolve the material(viscosity up to 90,000 mPas).
7. Hassle Free equipment can be fully online CIP/SIP, meet the health requirements and standards.
8. Modular structure: the scene without the direct use of debugging, significantly reducing installation costs.
9. Compact: small space, easy integration with other systems, saving investment.

Operation Principle

WPL efficient online mixer system is the latest generation of solid and liquid, liquid and the liquid fast, efficient hybrid systems equipment. The system has powerful Central vacuum of power system to ensure operation of the system efficient, safe and reliable, but also the clever design of a set of precise and bite Rotor will close subsystems, two systems synergy, working together, so that non-homogeneous materials in a small space rapidly and thoroughly mixed and heterogeneous, and may even be a meticulous verification of stability to repeat Production results.



技术参数 Technical parameters

型号 Model	混合机 Mixer (KW)	动力机 Power machine (KW)	转速 Speed (rpm)	处理量 processing (T/h)	进出口 Import and export(mm)
WPL-140	4	2.2	2800/1400	0.1-3	2.0" /1.25"
WPL-160	7.5	4.0	2800/1400	0.3-6	2.5" /2.0"
WPL-180	11	5.5	2800/1400	1.0-10	2.5" /2.0"
WPL-200	18	7.5	2800/1400	1.0-20	3.0" /2.5"

WATER & POWDER MIXER 水粉混合器

工作原理

本水粉混合器由主机体与混合泵齿轮构成，二者垂直安装。通过一个双层壁管道将液态物与固态物分别抽吸进去，避免了在进八主体部分前凝结成块。液体高速进入混合机主机体，在转子与定子中心产生真空，以吸八固态物。固态物通过在斗口罐下方的阀门调节均匀吸八。设计简洁，功能多样。可以迅速、均匀地混合多种固态物，不与空气接触。充分混合，产品循环。

Operation Principle

The water and powder mixer is composed of main machine body and centrifugal pump water wheel, which are vedically installed. Through a double-layer wall pipe, the liquid matedals and solid materials are separately pumped in, which can prevent them from agglomerating before entering into the mam body. When the liquid enters into the main machine body of mixer at high speed, vacuum will produce in the center of water wheel to suck the solid materials. The soild materials will be evenly sucked in thorough the regulation of valve nder the doukou tank. it has brief design and multiple functiens. It can rapidly and evenly mix multiple solid materials without Contacting the air. The mixing is enough and the product can be recycled.



技术参数 Technical parameters

型号 Model	电机功率(KW) Power	转速(rpm) Speed	处理量(T/h) Processing volume
BRSF-60	1.5	2800	0-1.5
BRSF-100	2.2	2800	0-3
BRSF-120	4	2800	0-4
BRSF-140	5.5	2800	0-5
BRSF-165	7.5	2800	0-8
BRSF-180	11	2800	0-12
BRSF-185	15	2800	0-18

HIGHEFFICIENCYANDSIMPLEMIXINGBATCHINGMACHINE 高效简易混合配料机

设备简介

高效简易混合配料机能迅速完成加粉、加料、湿润以及彻底没有团聚的分散混合。不仅是将粉体湿润，同时也在真空环境下将其分散至液体中，防止大量的空气进入。避免团聚，反应效果更好，物料利用率更高，产品质量更好。设备具有较高模块整合度，可节省大量管路和工艺步骤，同时降低生产成本至最低。



Brief introduction of equipment

Efficient and simple mixing and batching machine can quickly complete powder addition, feeding, wetting and completely without agglomeration of the dispersed mixing. It not only wets the powder, but also disperses it into the liquid in vacuum to prevent a large amount of air from entering. Avoid agglomeration, the reaction effect is better, the material utilization rate is higher, and the product quality is better. The equipment has a high modular integration, which can save a lot of pipelines and process steps, and at the same time reduce production costs to a minimum.

技术参数 Main Parameter

型号 Model	电机功率(kw) Motor power	转速(rpm) Speed	处理量(T/h) Processing capacity
BRL1-80X	1.5	2800	0-1.5
BRL1-100X	2.2	2800	0-3
BRL1-130X	4	2800	0-4
BRL1-140X	5.5	2800	0-5
BRL1-165X	7.5	2800	0-8
BRL1-180X	11	2800	0-12
BRL1-190X	15	2800	0-18
BRL1-200X	22	2800	0-25
BRL1-210X	30	2800	0-35
BRL1-230X	45	2800	0-50
BRL1-245X	55	2800	0-75
BRL1-260X	75	2800	0-90

COLLOID BURNISH 胶体磨系列

工作原理

胶体磨工作原理是剪切，研磨及高速搅拌作用。磨碎依靠两个齿形面的相对运动，其中一个调整旋转，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。

Operation Principle

Colloid mill works with shearing, grinding high-speed stirring. Grinding process occurs in the relative movement between the two teeth with one revolving in high speed and another still, which makes the material between the teeth receive strong shearing and abrasion in addition to high frequency vibration and high speed swirl. The above forces effectively evenly disperse, emulsify, smash the material.



F分体式 Split-case



W卧式 Horizontal



L立式 Solid

技术参数 Main Parameter

型号 Model	加工细度um Emulsified size	产量T/h Output	磨盘直径mm Millstone Dia	冷却水管mm Cooling water pipe	出口直径mm Outlet Dim	进口直径mm Inlet Dim	转速(rmp) Speed	电机功率(kw) Sharp	外形尺寸 Size	重量 Weight
JML-50	2-40	0.01-0.1	50	10	20	30	2800	1.5(220V)	270 × 500 × 700	55
JML-50	2-40			10	20	30	2800	1.1(380V)	255 × 500 × 700	50
JML-65	2-40	0.02-0.5	65	10	20	30	2800	1.5	270 × 500 × 700	57
JMF-65	2-40			10	20	30	2800	2.2	500 × 345 × 675	70
JMW-80	2-40	0.3-1	80	12	25	48	2800	3	630 × 380 × 790	75
JML-80	2-40			12	25	48	2800	3	335 × 570 × 920	85
JMF-80	2-40			12	25	48	2800	4	700 × 570 × 920	140
JMW-100	2-40	0.5-2	100	12	25	66	2800	5.5	680 × 370 × 900	115
JML-100	2-40			12	25	66	2800	5.5	390 × 645 × 980	145
JMF-100	2-40			12	25	66	2800	5.5/7.5	800 × 645 × 980	230
JMW-120	2-40	0.5-3	120	12	32	66	2800	7.5	680 × 370 × 900	120
JML-120	2-40			12	32	66	2800	7.5	390 × 645 × 980	150
JMF-120	2-40			12	32	66	2800	7.5	800 × 645 × 980	240
JMW-140	2-40	0.5-4	140	12	32	66	2800	7.5	680 × 370 × 900	160
JML-140	2-40			12	32	66	2800	7.5	390 × 745 × 1020	180
JMF-140	2-40			12	32	66	2800	7.5/11	800 × 750 × 1020	290
JMF-180	2-40	1-7	180	12	38	100	2800	11./15	900 × 850 × 1200	360
JMF-200	2-40	1-10	200	12	38	100	2800	15/18.5	900 × 850 × 1200	400

DOUBLE SCREW PUMP 双螺旋输送泵

双螺杆泵可以用来传输直径最大29mm的大颗粒物质。由于转速范围由100到3000 RPM, 该泵可以传送高度粘稠介质和纯流体介质。Twin screw pumps are used for cautious, low-pulsation conveying of liquids. The pumps can convey abrasive media and solids up to max. Φ 29 mm. Due to the high speed of 100 to 3000 rpm, viscous media and cleaning fluids can be conveyed with one pump. The pumps are capable of CIP and SIP.

产品优点

- >>集传送和清洁功能于一体
- >>适合各种高低粘度和含固体颗粒的介质
- >>低脉冲和低剪切度，能更好的保护介质
- >>维护次数少，泵和管路的清洗有效减少
- >>集两根螺杆于一体，有效节省空间
- >>即使空转也不会磨损
- >>有效降低成本

Advantages

- >>Pumping and cleaning processes with one pump
- >>Low shearing to the pumped fluid, gentle handling
- >>Minimal maintenance, reduction in cleaning pumps and pipes
- >>Saves space through this 2 in 1 technology
- >>Abrasion-free and safe to run dry (option)
- >>Extremely favorable cost effectiveness



流量: 0-100m³/h
工作压力: 最高达25 Bar
转速: 最高达3600 RPM
粘度: 100000 cst
可配各种方式的加热夹套
加热温度最高达130度

Capacity: Up to 100 m³/h
Working Pressure: Up to 25 Bar
RPM: Up to 3600 rpm
Viscosity: Up to 100000 cst
Working Temperature: 130 °C
Cooling and Heating Jacket Available

技术参数 Main Parameter

产品型号 Model	材质 Material	流量 flow T/H	功率 power KW	进出口 Import and export In/Outlet	重量 weight KG	转速 speed RPM	出口压力 Outlet pressure Mpa
FSL-03-15	304/316	0-3	1.5	1.5"	72	1480	≤2.0
FSL-05-22	304/316	0-5	2.2	2"	81		≤2.5
FSL-10-40	304/316	0-10	4	2.5"	96		
FSL-20-75	304/316	0-20	7.5	3"	112		
FSL-40-150	304/316	0-40	15	3"	132		
FSL-80-220	304/316	0-80	22	3.5"	200		

SANITARY CENTRIFUGAL PUMP 卫生级离心泵



特点:

本系列卫生离心泵作为一种理想选择优点在于结构简单,拆卸方便、四脚高低可调、防震装置、低噪音、高效率、长时间正常运转及维修便利对物料处理平缓柔和,符合食品卫生要求又保证了产品的原有风味。

SANITARY SELF-PRIMING PUMP 卫生级自吸泵

特点:

☆ CIP自吸泵,其泵体部分材料,均为耐酸不锈钢制成(AISI 316),耐酸碱腐蚀特性,尤为显著,符合食品卫生要素。

☆ 优于离心泵的特性,在于能吸取混有空气或泡沫的液体,甚至能在只有空气时,照样自行抽吸,该泵是容积式泵。广泛用于液位低于泵的吸取物料,如在吸奶间,可将奶自奶桶中吸出,或可在自动CIP清洗系统中,作为清洗缸的回程泵,机械密封为内装流式,吸取物料的温度不高于100℃。

性能 Performance	主要参数 Parameters			
	20T/24M	30T/24M	40T/36M	
流量Q Flow	20T	30T	40T	10-20m/h
总扬程H Total Head	24M	24M	36M	18-24m
其中吸程 Suction Stroke	5-6M	5-6M	5-6M	5-6m
叶轮直径 Impeller Diameter	192	192	φ 215	φ 189mm
进出口管径 Inlet/outlet Diameter	63.5/63.5	76.5/63.5	76/76	φ 51mm
电动机型号 Motor Type	M2QA132S4A	M2QA132M4A	M2QA160SM4A	Y112-4
功率 Power	5.5KW(380V.50HZ)	7.5KW(380V.50HZ)	11KW(380V.50HZ)	4kw(380V.50HZ)
转速 Speed	1420r/min	1420r/min	1420r/min	1420r/min
外形尺寸(长×宽×高) Dimensions(L×W×H)	760X320X475	760X320X475	1006X360X600	600x350x420
机器重量 Machine Weight	110kg	116kg	168kg	55kg



技术参数 Technical parameters

型号 Model	流量(m³/h) Flow	扬程m Pump Head	功率(kw) Power	进口直径MM Inlet Dim	出口直径MM Outlet Dim
FLS03-15-0.75	3	15	0.75	38	32
FLS03-20-1.1	3	20	1.1	38	32
FLS05-24-1.5	5	24	1.5	51	38
FLS05-32-2.2	5	32	2.2	51	38
FLS10-24-2.2	10	24	2.2	51	38
FLS10-32-3	10	32	3	51	38
FLS15-24-3	15	24	3	51	51
FLS20-24-4	20	24	4	51	51
FLS20-35-5.5	20	35	5.5	63.5	51
FLS30-24-5.5	30	24	5.5	63.5	51
FLS30-35-7.5	30	35	7.5	63.5	51
FLS40-24-7.5	40	24	7.5	76	63.5
FLS50-24-7.5	50	24	7.5	76	63.5
FLS50-35-11	50	35	11	76	63.5
FLS80-30-15	80	30	15	89	76
FLS80-40-18.5	80	40	18.5	102	89

Features

With simple structure,easy dismount,adjustable foot height,vibrationproof device,low noiss,high efficiency,long-term normal operation,easy maintenance,gentle and tender treatment,of materials this sanitary centrifugal pump series is your ideal choice.It complies with food sanitary standard and guarantees original taste of your products.

Features:

☆ CIP self-priming pump adopts acid-resisting stainless steel (AISI 316) in valve body,which has unique acid and alkali resistance,and comply with sanitary requirements for foods.

☆ As a positive displacement pump, its features are superior to centrifugal pumps since it suction liquid mixed with air or foams and even merely air.It is widely used to suction material with liquid level below the pump,For instance in the milking room,it suctions milk from the milk barrel.It can also be used in automatic CIP cleaning system as return flow pump in cleaning tank.The mechanical sealing is the build-in influx type,and the temperature of suctioned material is no higher than 100℃.

SANITARY FILTERS 卫生级过滤器

双联过滤器

Double-barrel filter

用途:

本设备用于中药、西药、果汁、糖汁、牛奶、饮料等液体中的各种固体或胶体杂质过滤,两个过滤器交替使用,可不停机清洗滤网连续使用。

Usage:

This equipment is used to filter various solids or colloids in the liquids such as traditional Chinese medicine, Western medicint, fruit juice, sirup, milk and beverages etc. Two filters can be changed over. The filter screen can be cleaned without stopping.



双联过滤器 Double-barrel filter

技术参数 Technical parameters

型号 Model	流量 Flow	外形 Outline
SL-0.15	2T/h	1050 × 420 × 1087
SL-0.25	5T/h	1300 × 500 × 1000
SL-0.35	10T/h	1520 × 550 × 1200



移动式过滤器 Movable filter

不锈钢板框过滤器

Stainless steel frame filter

本机为不锈钢多层板框式过滤机,适用于浓度50%以下粘度较低,含渣量较少的液体作密封过滤以达到提纯,灭菌、澄清等精滤、半精滤的要求,直接选用微孔滤膜,可不经微孔薄膜过滤器过滤可达到无菌过滤之目的。

本机过滤面积大,流量大,适用范围大,所以在制药、化工、食品等行业有广泛用途。应用在制药厂针剂药液之过滤,效果甚佳。

The equipment is multi-layer frame filter, which is applicable to the process operation with the requirements of fine filtration and semi-fine filtration such as purification, sterilization and defecation with sealed filtration in the liquid with low viscosity and little slugging content under the concentration of 50%. By directly adopting microporous filtration film, it can realize the sterile filtration without passing the microporous film. The equipment has characteristics such as large filtration area, large flow and wide applicable range, so it is widely used in the fields of pharmacy, chemical industry and food etc. The effect will be better if used for filtration of injection liquid medicine in pharmacy factories.



不锈钢板框过滤器 Stainless steel frame filter

技术参数 Technical parameters

型号 Model	规格 Specification	流量T/H Traffic	过滤层数 Filter layer	滤膜UM Membrane filter	功率KW Power	外形尺寸 Size	进出口 Import export
WBG-100	Φ 100	1	10	0.8	0.75	680x310x580	19/19
WBG-150	Φ 150	1.5-2	10	0.8	0.75	780x350x700	27/22
WBG-200	Φ 200	3	10	0.8	1.1	820x380x760	27/22
WBG-300	Φ 300	5	10	0.8	1.5	920x500x900	27/27
WBG-400	Φ 400	8	10	0.8	2.2	1260x600x1120	50/32

MICROPOROUS MEMBRANE FILTER 卫生级微孔膜过滤器

设备简介

F-GSL系列过滤器主要应用于生命科学领域的高端液体过滤器，完全符合卫生级和GMP要求，可提供优秀的耐久度及最大的抗腐蚀性能。结构卫生无死角，过滤器排液阀、放气阀、料液进出口及滤芯插座都易清洗，可彻底灭菌卫生，排液彻底，无残留顾虑。



卫生级多芯过滤器F-GSL系列

products description

F-GSL Series filter is a high-end liquid filter which main use in the field of life science. Adopt to the sanitary and GMP requirements completely, which can provide excellent durability and the largest corrosion resistance. Structure is sanitary without dead angle, the filter drain valve, vent valve, Inlet & Outlet of material liquid and filter plugs are easy to clean, can be sterilized completely, drain liquid completely, without residual liquid.



卫生级单芯过滤器F-GSL系列

技术参数 Technical parameters

理论流量 Theoretical flow	装配滤芯 The assembly filter		进管口管外径 Inlet diameter	连接方式 Connection mode	规格(mm) Specifications	外形尺寸参考(mm) Outline size reference				
	根数	长度				A	B	C	D	E
t/h			外径(mm)							
0.3-0.5	1	10"	25	快装	φ25	600	400	80	100	220
0.5-1		20"				800	650			
1-1.5		30"				1050	900			
1-1.5	3	10"	32	快装	φ38	650	450	120	200	320
1.5-3		20"				900	700			
2.5-4.5		30"				1150	950			
1.5-2.5	5	10"	32	快装	φ50.5	650	450	120	220	350
3-5		20"				900	700			
4.5-7.5		30"				1150	950			
5-7	7	10"	38	快装	φ50.5	950	700	150	250	400
6-10		20"				1200	950			
8-14		30"				1450	1200			
6-8	9	20"	48	快装	φ64	1000	700	150	300	450
8-12		30"				1250	950			
12-15		40"				1500	1200			
6-12	12	20"	48	快装	φ64	1100	800	200	350	500
12-18		30"				1350	1050			
16-24		40"				1600	1300			
8-15	15	20"	76	螺纹	G2.5"	1100	800	200	400	550
18-25		30"				1350	1050			
20-30		40"				1600	1300			
12-21	21	20"	89	法兰	DN65	1150	800	200	450	600
12-31		30"				1400	1100			
27-42		40"				1650	1300			

SANITARY MANWAY AND ACCESSORIES 卫生级人孔系列及配件



YAB 人孔
YAB Manhole Cover



YAF 人孔
YAF Manhole Cover



YAD 人孔
YAD Manhole Cover



YAC 人孔
YAC Manhole Cover



YAW 人孔
YAW Manhole Cover



磁性过滤器
Magnetic Filter



视镜灯
Sight Glass Lamp



隔膜压力表
Diaphragm Pressure Meter



90° 过滤器
90° Filter



B22W安全阀
B22W Safety Valve



气动蝶阀
Pneumatic Butterfly Valve



电动蝶阀
Electric Butterfly Valve



液位阀
Liquid Level Valve



快装隔膜阀
Clamp Diaphragm Valve



全方位洗罐器
Full tank cleaner



无菌呼吸器
sterile Breather