

Алматы (7273)495-231
Ангарск (3955)60-70-56
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Благовещенск (4162)22-76-07
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Владикавказ (8672)28-90-48
Владимир (4922)49-43-18
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89

Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Копмна (4966)23-41-49
Кострома (4942)77-07-48
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Курган (3522)50-90-47
Липецк (4742)52-20-81

Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Петрозаводск (8142)55-98-37
Перов (8112)59-10-37
Пермь (342)205-81-47

Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Саранск (8342)22-96-24
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сургут (3462)77-98-35
Сыктывкар (8212)25-95-17
Тамбов (4752)50-40-97
Тверь (4822)63-31-35

Тольятти (8482)63-91-07
Томск (3822)98-41-53
Тула (4872)33-79-87
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Улан-Удэ (3012)59-97-51
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Чебоксары (8352)28-53-07
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Чита (3022)38-34-83
Якутск (4112)23-90-97
Ярославль (4852)69-52-93

Россия +7(495)268-04-70

Казахстан +7(7172)727-132

Киргизия +996(312)96-26-47

<https://yushun.nt-rt.ru> || ynv@nt-rt.ru



Grinding/Dispersing/Mixing Equipment Specialist
研磨/分散/搅拌设备专家



研磨 \ 分散 \ 搅拌设备专家

Grinding \ Dispersing \ Mixing Equipment Specialist

研磨/分散/搅拌设备专家

Grinding/Dispensing/Mixing Equipment Specialist

CONTENTS

目录

宇顺智能 YUSHUN INTELLIGENT 公司简介 / 行业范畴 / 势力资质 / 发展历程	04-09
实验室 Laboratory 实验设备 / 提供服务	10-11
宇顺智能装备一览 YUSHUN INTELLIGENT Equipment List 纳米研磨系统 / 搅拌混合系统 / 相关配套设备	12-35
客户服务 Customer Service 售前 / 售中 / 售后	36-37
合作共赢 Win-win Cooperation 相关案例 / 合作客户	38-40

公司介绍

COMPANY INTRODUCTION

宇顺智能科技有限公司, 以智能机器 + 智能系统为基础, 专注于湿法研磨、分散、搅拌、混合成套设备的研发、生产和销售, 经过多年的经营发展与积累, 公司已成为业内知名的研磨设备生产制造商之一。

公司位于河北省秦皇岛市, 是国家认可的“潜港”城市, 拥有便利的交通运输条件。公司内设物料试验生产实验室, 这里有一站式的工艺研磨验证设备, 从实验型配方验证到中试等比放大验证, 为客户提供购前试验、测试设备等服务, 以清晰准确的数据, 帮助客户完成设备采购尽调工作。

公司设有国际贸易事业部, 成功在俄罗斯、埃及、新加坡等多地签约战略合作伙伴, 产品成功出口到美国、俄罗斯、印度、澳大利亚、埃及、斯里兰卡、乌克兰、泰国、巴西、马来西亚、越南等多个国家, 获得了国内外客户的广泛认可。

公司坚持“质量有保障, 服务可信赖, 用户满意”为原则, 用技术研发实力做支撑, 坚定追求行业技术创新, 快速响应市场客户需求, 开拓多元化市场, 竭诚为客户提供贴心服务。宇顺智能期待成为您的合作伙伴!

Yushun Intelligent Technology Co., LTD., concentrates on the equipment of wet grinding, dispersing, mixing and production line with the high level of intelligent system. Yushun offers the services ODM and OEM, with the professional departments which includes R&D, manufacture and marketing. Currently, Yushun is one of the top manufactures in the Chinese industry of grinding, mixing with the years development and accumulation.

Yushun is located in the latent port city Qinhuangdao with convenient transportation, which is recognized by China government. Yushun established its own laboratory for material testing with the grinding validation equipment, from experimental formula validation to middle scale validation and offering the pre-purchase testing services to customers with clear and accurate working data.

The company has International Trade Division and has successfully signed many strategic partners in Russia, Egypt, Singapore, etc.; products successfully exported to the United States, Russia, Korea, India, Australia, Egypt, Sri Lanka, Ukraine, Thailand, Brazil, Malaysia, Vietnam and other countries, has been widely recognized by customers at home and abroad.

Adhering to the principle of "quality guaranteed, reliable service, customer satisfaction", the company firmly pursues technological innovation in the industry with the support of technical research and development strength, quickly responds to the needs of customers in the market, explores diversified markets, and wholeheartedly provides intimate service for customers.

Yushun is looking forward to becoming your partner!

1995年
公司成立

200+
涵盖国家

1000+
服务客户

800/台套
年产能力





新能源行业 New energy industry

各种电池 (原电池、蓄电池、太阳能电池、超级电容器、镍铬电池、动力电池等)

Various battery (Primary battery, storage battery, solar cell, super capacitor, nickel chromium battery, power battery, etc.



电子电器 Electronic appliances

电子电极、陶瓷、锡膏、助焊剂、电镀化学品、电子专用胶黏剂、PVC 塑料、热熔胶

Electronic electrode, ceramic, solder paste, solder flux, electroplating chemicals, electronic adhesive, pvc plastic, hot-melt adhesive.



精细化工 Fine Chemicals

各种密封胶、胶黏剂、有机硅、涂料、油墨、腻子、润滑油、颜料、农药

Various sealants, adhesive, organosilicon, coating, ink, putty, lubricant, pigment, pesticide.



食品医药 Food and medicine

医用软膏、医用有机硅、凝胶 (医用贴、小儿退热贴、感冒快贴、冰贴、眼贴)、齿科材料、食品材料

Medical ointment, medical silicone, gel (medical patch, fever cooling patch, cold patch, ice patch, eye patch), dental material, food material.



磁性材料 Magnetic material

金属 (镍基合金和稀土合金) 和非金属磁性材料, 软磁材料、永磁材料和功能性材料

Metal (nickel based alloy and rare earth alloy) and non-metallic magnetic material, soft magnetic material, permanent magnetic material, and functional material.

行业范畴

INDUSTRY CATEGORY

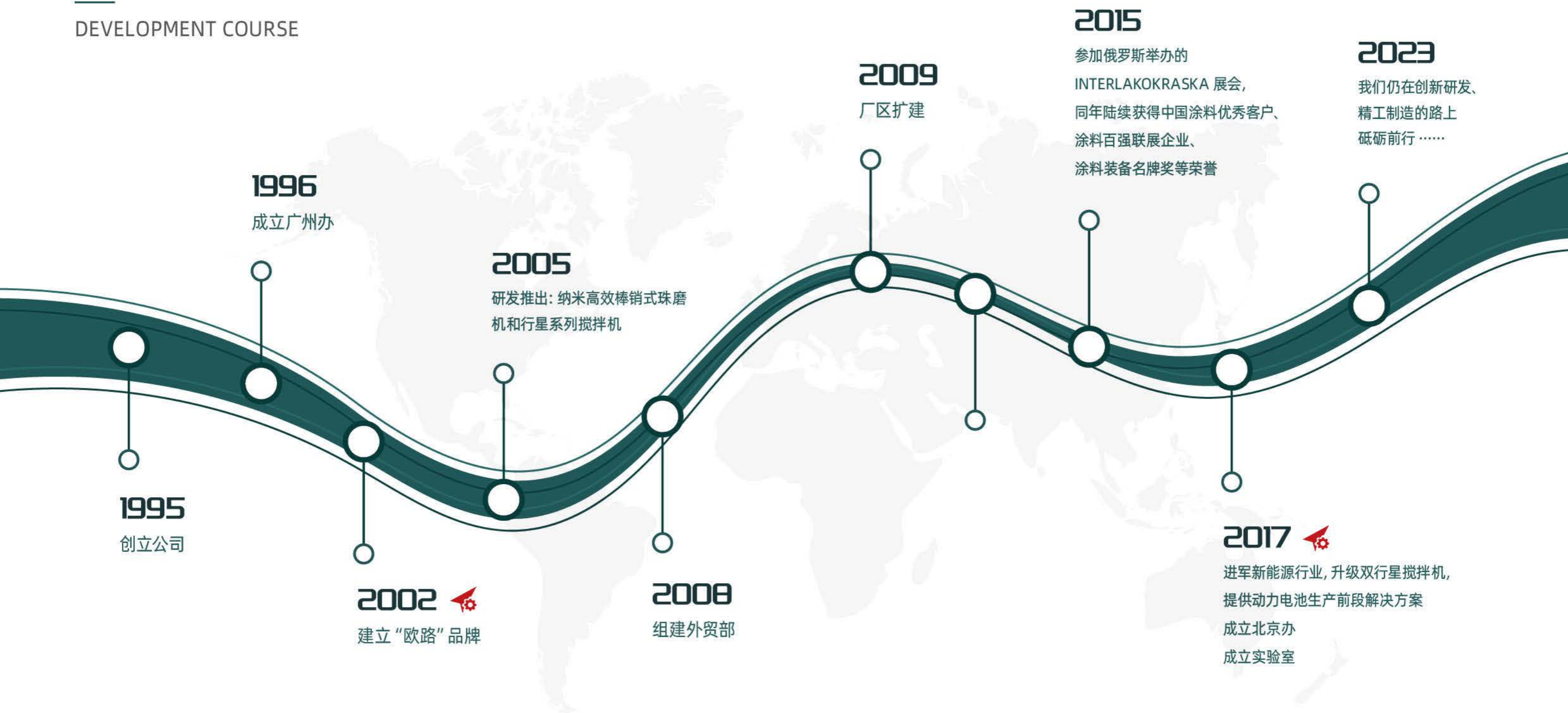
实力资质

STRENGTH QUALIFICATION



发展历程

DEVELOPMENT COURSE



实验室

LABORATORY

实验室的目的是建立宇顺智能和客户之间技术沟通平台, 为客户提供解决方案, 保证客户能获得最佳的质量和最高的效率。

The laboratory is to establish technical communication between Yushun Intelligent and customers, provide solutions for customers, and ensure that customers can obtain the best product quality and the highest working efficiency.

立式捏合机

Vertical kneading machine

实验室砂磨机

Laboratory Beads Mill

双行星搅拌压料一体机

Double planetary mixing press machine

双行星动力混合机

Double planetary power mixer



提供服务 Provide service

应用测试: 根据客户需求进行产品应用测试, 并提供检测测试报告。

技术创新: 和研发部门一起进行新技术和新设备的持续迭代。

工艺开发: 对工艺参数进行探索, 找到工艺实现方案。

用于培训: 依托于对设备和产品的深入了解, 可为客户提供高质量的工艺原理培训。

Material Experiments: Perform experiments according to customer requirements and provide testing reports.

Technology innovation: Work with the R&D department to continuously innovate new technologies and equipment.

Process development: Make research on production process parameters and get the solutions.

Training: Provide customers with training of product operation and process principles.

宇顺智能装备一览

YUSHUN INTELLIGENT EQUIPMENT LIST

纳米研磨系统

实验室砂磨机

棒销式纳米砂磨机

双动力离心砂磨机

涡轮砂磨机

棒销砂磨机

磷酸铁锂专用纳米砂磨机

实验室砂磨机 Laboratory Beads Mill

应用场景 Application Scenario

实验型砂磨机结构紧凑、操作灵活，运行稳定、免维护设计代表了目前先进湿法研磨的前沿工艺。可用于产品研发、可行性验证、过程优化、设备选型。

The experimental sand mills have compact structure, flexible operation, stable operation and maintenance-free, which represents the current advanced wet grinding process. It can be used for product development, feasibility verification, process optimization, and equipment selection.



产品特点 Product characteristics

该系列的砂磨机均采用精密可靠的双端面机械密封的密封形式，具有高度稳定性和耐用性；研磨腔体采用全密闭设计避免了物料污、也避免了物料的暴露和空气的接触所产生的气泡、杜绝了溶剂的挥发造成的空气污染。

This series of sand mills adopts the precise and reliable double-end mechanical sealing form, which has high stability and durability. The grinding cavity is fully closed designed to avoid material pollution, material exposure and air bubbles, and eliminate air pollution caused by solvent volatilization.

产品规格 Product specification

* 取决于所研磨物料粘度、研磨工况、泵浦的输送形式等因素

型号 [L] Model[L]	BSM-0.5	BSM-1	BSM-2	BSM-10
研磨腔体有效容积 [L] Effective Volume[L]	0.5	1	2	10
主驱动功率 [KW] Motor Power[kw]	4	4	7.5	18.5-22
适用研磨介质规格 [MM] Media Diameter[mm]	0.3-0.8	0.3-0.8	0.3-1.0	0.3-1.2
加工批量 [L] Batch Capacity[L]	2-20	2-30	10-100	20-150
流量 [KG/H] Flow Rate[kg/h]	15-100	15-100	200-500	200-800
尺寸 [MM] Dimension[mm]	L 900 W 700 H 1000	900 700 1000	1150 1110 1250	1200 1100 1600
重量 [KG] Dimension[mm]	160	165	350	960

纳米研磨系统

YUSHUN INTELLIGENT EQUIPMENT LIST

棒销式纳米砂磨机 Rod pin sander

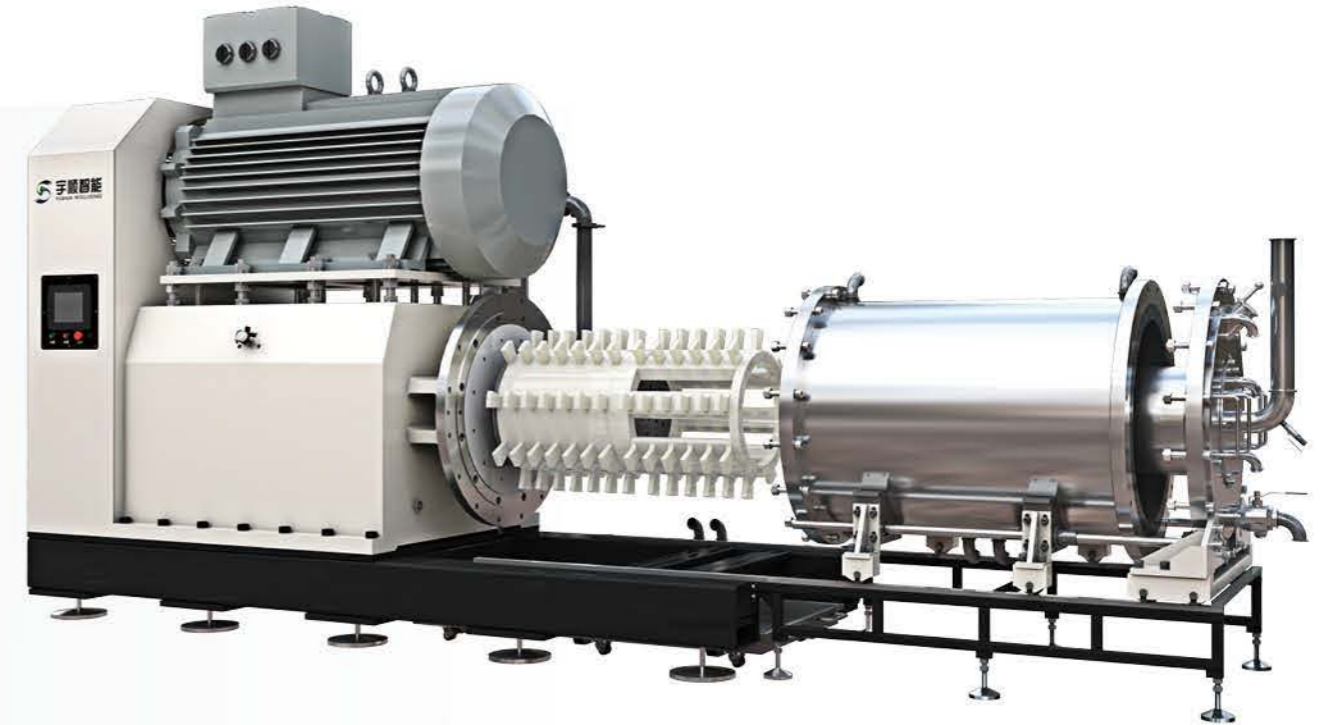
应用场景 Application Scenario

适用于对金属污染敏感物料，纳米级精细研磨。广泛应用于燃料墨水、颜料墨水、石墨烯、热敏纸图层材料等行业。在纳米材料分体工程中应用非常广泛；电池行业：磷酸铁锂电池正极材料，硅基负极材料，钛酸锂，硫复合材料等。

Suitable for metal sensitive material and material that requires nano grade finish size. Widely applied in production of dye ink, pigment ink, digital printing ink, inkjet ink, ceramic ink, battery material, pharmaceutical material, fluorescent brightener, nano coating material, electric paste, graphene and heat-sensitive paper coating material etc. Widely used in Nano New Material. Battery Industry: Lithium iron phosphate, Silicon Carbon Nano material, Lithium titanate, Sulphur carbon composites.

产品特点 Product characteristics

- 陶瓷材料转子及研磨筒体，零金属污染，保证成品物料品质。
- 陶瓷转子及筒体良好的导热性能及三重冷却系统，可严格控制成品温度，适用于温度敏感型物料。
- 高分散线速度，为纳米研磨提供高强的剪切力。
- 双端面集装式机械密封，更加稳定的机械性能，提升设备耐久性。
- 精准的零部件加工，各部件的精密配合，保证设备运行的平稳，无振动，无噪音。
- 变频控制，实现能源及成本节约。
- Ceramic material rotor and grinding chamber, zero metal pollution, high quality finish products.
- Triple cooling system, good thermal conductivity for ceramic rotor and chamber, able to control temperature strictly, suitable for temperature sensitive material.
- High dispersing liner speed, providing high and strong shearing force for nano grade grinding.
- Double-end assembly mechanical sealing, stable mechanical function, longer service life.
- Precise parts manufacturing, harmony cooperation for each part, stable operation, no vibration, no noise.
- Variable frequency control device, energy and cost saving.



产品规格 Product specification

* 取决于所研磨物料粘度、研磨工况、泵浦的输送形式等因素

型号 [L] Model[L]	BSM-20	BSM-30	BSM-60	BSM-90	BSM-150	BSM-250	BSM-400
研磨腔体有效容积 [L] Effective Volume[L]	20	30	60	90	150	250	400
主驱动功率 [KW] Motor Power[kw]	22	37-45	75-90	90-110	132-160	175-220	315-355
适用研磨介质规格 [MM] Media Diameter[mm]	0.3-1.2	0.3-1.2	0.3-1.4	0.3-1.4	0.3-1.6	0.3-1.6	0.3-1.6
加工批量 [L] Batch Capacity[L]	100-1000	200-2000	300-3000	500-3500	800-5500	1000-7500	3000-12000
流量 [KG/H] Flow Rate[kg/h]	100-1500	300-2500	500-35000	700-4500	800-6000	10000-15000	5000-14000
尺寸 [MM] Dimension[mm]	L	1500	1700	2150	2400	2700	3100
	K	1050	1050	1150	1200	1200	1550
	H	1700	1850	1900	2000	2300	2600
重量 [KG] Weight[kg]	1400	1900	3000	5000	7000	8500	9000

纳米研磨系统

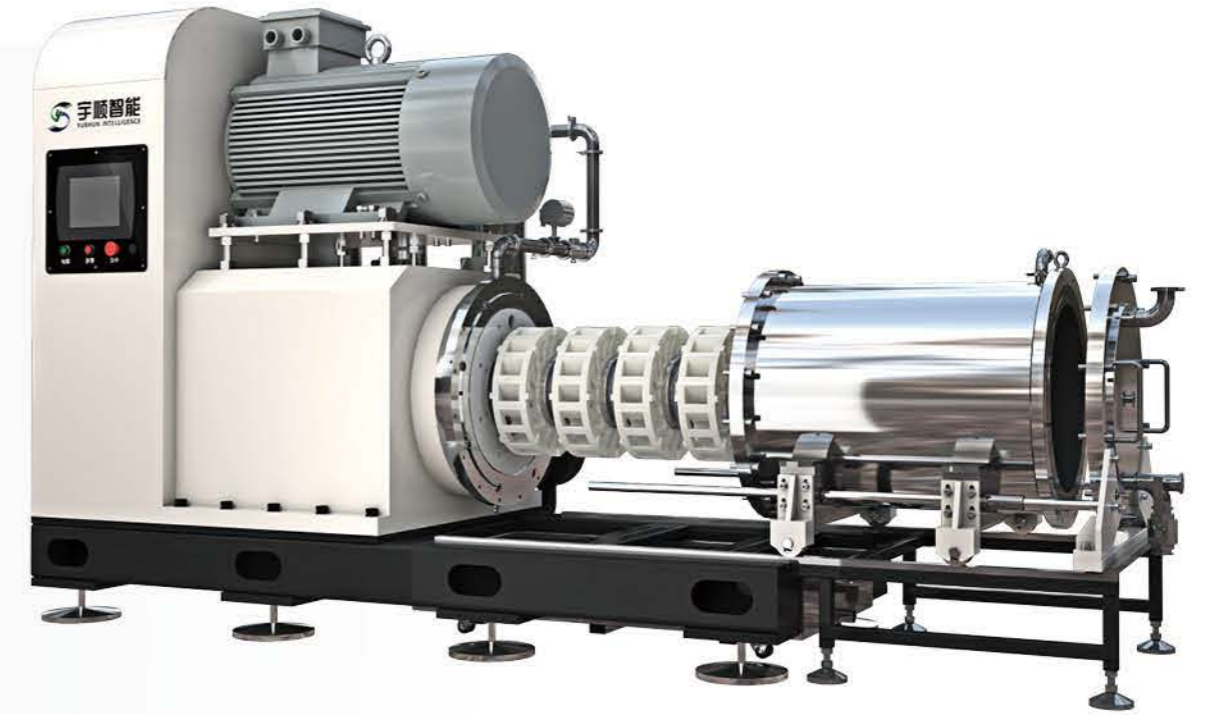
YUSHUN INTELLIGENT EQUIPMENT LIST

涡轮砂磨机 Turbo sander

应用场景 Application Scenario

适用于中低粘度物料的纳米级研磨，属于高流量柔性研磨范畴，出料粒径集中，不破坏物料形貌，全陶瓷 / PU 研磨材质零污染，实践案例超过 2000L 每小时，在碳纳米管领域优势尤为凸显。

Suitable for nano-scale grinding of medium and low viscosity materials. It belongs to the category of high-flow flexible grinding. The particle size of the discharged material is concentrated, which does not destroy the material shape. Ceramic/PU grinding material has zero pollution. Field advantages are particularly prominent.



产品特点 Product characteristics

高速的涡轮式分散器将研磨室内轴向移动的粒子切换成沿圆周方向着若干个粒子流，与传统的单一的粒子流相比，大大增加了剪切破碎的功能。涡轮分散器径向的压力差，使得粒子流不需要强烈接触分散器即可获得极强的涡旋力，避免传统结构中强烈撞击所产生过多的热能损耗，同时提高了破碎当量，延长了分散器的寿命。

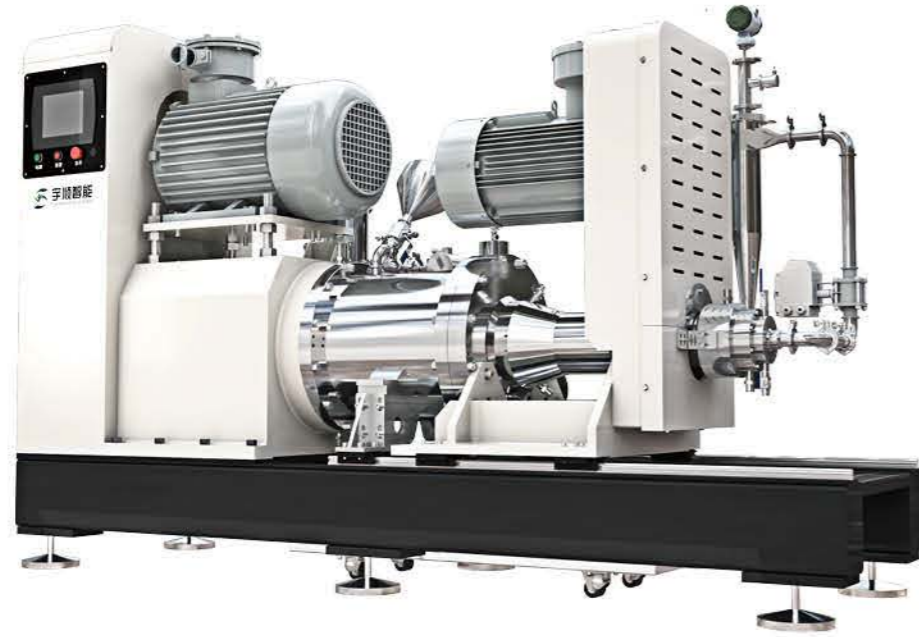
High-speed turbine disperser switches the particles moving axially in the grinding chamber into several particle streams along the circumference, which greatly increases the shear and crushing function compared with the traditional single particle stream. The radial pressure difference of the turbine disperser enables the particle flow to obtain a strong vortex force without strong contact with the disperser, avoiding the excessive heat loss caused by the strong impact in the traditional structure, and at the same time improving the crushing equivalent and prolonging the diffuser life.

产品规格 Product specification

* 取决于所研磨物料粘度、研磨工况、泵浦的输送形式等因素

型号 [L] Model[L]	TSM-10	TSM-30	TSM-60	TSM-90	TSM-150	TSM-250
研磨腔体有效容积 [L] Effective Volume[L]	10	30	60	90	150	258
主驱动功率 [KW] Motor Power[kw]	18.5-22	37	75-90	90-110	132-160	250-280
适用研磨介质规格 [MM] Media Diameter[mm]	0.3-2.0	0.3-2.0	0.3-2.0	0.3-2.0	0.3-2.0	0.3-2.0
加工批量 [L] Batch Capacity[L]	50-200	200-1500	300-2000	500-2500	800-4500	800-6000
流量 [KG/H] Flow Rate[kg/h]	200-1000	300-2000	500-20000	700-3500	800-5000	800-6500
尺寸 [MM] Dimension[mm]	L	1200	1700	2150	2400	3300
	K	1100	1050	1150	1200	1800
	H	1600	1850	1900	2000	2500
重量 [KG] Dimension[mm]	960	1900	3000	4700	6700	8200

双动力离心砂磨机 Laboratory Beads Mill



应用场景 Application Scenario

高端纳米材料制备: 适用于颗粒物料纳米级超细研磨, 尤其适用于无机盐晶体类金属类材料的研磨, 例如磷酸锰铁锂、纳米硅、催化剂等。

Preparation of high-end nanomaterials: It is suitable for ultrafine grinding of granular materials at nano level, especially for grinding of inorganic salt crystals and metal materials, such as lithium iron manganese phosphate, nano silicon, catalysts, etc.

产品特点 Product characteristics

1. 可以使用 0.05MM 的进行稳定研磨分散;
2. 独特的离心技术和旋流分离器结构避免了堵料和漏球的现象;
3. 特殊的夹套冷却层在高线速度、多遍次研磨时能快速的冷却;
4. 独特的研磨系统研磨转子和棒销设计在研磨时候能根据不同细度对浆料进行离心避免较细颗粒继续参与无效研磨。

产品规格 Product specification

* 取决于所研磨物料粘度、研磨工况、泵浦的输送形式等因素

实验室型号 [L] Lab Bead Model[L]	NSM-0.5	NSM-2	NSM-10	NSM-30	NSM-60	NSM-90	NSM-150
研磨腔体有效容积 [L] Effective Volume[L]	0.5	2	10	30	60	90	150
主驱动功率 [KW] Motor Power[kw]	4	7.5	18.5-22	37-45	75-90	90-110	132-160
动态分离器驱动功率 [KW] Dynamic Separator Drive Power[kw]	—	—	7.5	11	18.5	22	37
动态分离器驱动转速 [RPM] Dynamic Separator Drive Rotating Speed [rpm]	3000	3000	1450	1450	960	960	960
适用研磨介质规格 [MM] Media Diameter[mm]	0.05-2.0	0.05-2.0	0.05-2.0	0.05-2.0	0.05-2.0	0.05-2.0	0.05-2.0
加工批量 [L] Batch Capacity[L]	2-10	10-100	50-200	200-1500	300-2000	500-2500	800-4500
流量 [KG/H] Flow Rate[kg/h]	15-100	200-1000	200-1000	300-2000	500-20000	700-3500	800-5000
研磨系统棒销材质 Rotor Material	氧化锆 ZRO ₂	○	○	○	○	○	○
	聚氨酯 PU	○	○	○	○	○	○
	合金钢 Alloy steel	—	○	○	○	○	○
研磨腔体内筒材质 Cylinder Material	氧化锆 ZRO ₂	○	○	○	○	○	○
	碳化硅 SIC	○	○	○	○	○	○
	聚氨酯 PU	○	○	○	○	○	○
	合金钢 Alloy steel	—	○	○	○	—	—
尺寸 [MM] Dimension[mm]	L	950	1150	2500	3100	3850	5050
	K	700	1110	1100	1300	1450	1650
	H	1000	1250	1600	1650	1900	2300
重量 [KG] Weight[kg]	165	350	1500	1900	3500	5000	7000

1. It can use 0.05mm grinding media for stable grinding and dispersion.
2. Unique centrifugal technology and cyclone separator structure avoid the phenomenon of material blocking and leaking balls.
3. The special jacket cooling layer can cool quickly at high leaner speed and multiple times of grinding.
4. The unique grinding system grinding rotor and rod pin design can centrifuge the slurry according to different fineness during grinding to avoid finer particles continuing to participate in ineffective grinding.

纳米研磨系统

YUSHUN INTELLIGENT EQUIPMENT LIST

磷酸铁锂专用纳米砂磨机

Special nano sand mill for lithium iron phosphate

应用场景 Application Scenario

电池行业: 磷酸铁锂电池正极材料, 钛酸锂, 硫复合材料等。

Battery industry: lithium iron phosphate cathode materials, lithium titanate, sulfur composite materials, etc.



产品特点 Product characteristics

研磨介质分离, 更有效的研磨工艺, 全新设计的 OCS 离心分离装置, 流量大, 加装超声波装置保证出料顺畅性; 拼装式多流道动态分级轮研磨转子设计保持研磨珠远离筛网, 以便使用较小的研磨珠实现更有效的精细研磨加工, 研磨后的物料粒径分布窄。

Separation of grinding media, more efficient grinding technology, newly designed OCS centrifugal separation device, large flow, and the ultrasonic device to ensure smooth discharge; The design of the assembled multi-channel dynamic classification wheel grinding rotor keeps the grinding beads away from the screen, so that the smaller grinding beads can be used to achieve more effective grinding processing, and the finished material particle size distribution is narrow.

产品规格 Product specification

* 取决于所研磨物料粘度、研磨工况、泵浦的输送形式等因素

型号 [L] Model [L]	直驱 1000	
研磨腔体有效容积 [L] Effective Volume [L]	1000	
主驱动功率 [KW] Motor Power [kw]	650/690	
适用研磨介质规格 [MM] Media Diameter [mm]	0.2-1.2	
线速度 [M/S] (可调) Linear Speed [m/s] (Adjustable)	0-16.5	
尺寸 [MM] Dimension [mm]	L	5700
	K	1900
	H	1900
重量 [KG] Weight [kg]	15000	

双行星动力混合机

DOUBLE PLANETARY POWER MIXER

宇顺智能装备一览

YUSHUN INTELLIGENT EQUIPMENT LIST

主推

搅拌混合系统

双行星动力混合机

双行星搅拌压料一体机

立式捏合机



双行星动力混合机 Double planetary power mixer

应用场景 Application Scenario

- | | | |
|-------------------|---------------------|---------------------------------------|
| 1. 工程胶黏剂行业 | 7. 食品行业 | 1.Engineering adhesives |
| 2. 涂料 (油漆) 行业 | 8. 精细化工、新型化学剂 | 2.Coatings |
| 3. 油墨行业 | | 3.Ink |
| 4. 新能源行业 | | 4.New Energy |
| 5. 电子 (电器浆料膏体) 行业 | | 5.Electronic (electric slurry paste) |
| 6. 医药行业 | | 6.Medicine |
| | | 7.Food |
| | | 8.Fine Chemicals, new chemicals..... |

产品特点 Product characteristics

1. 线速度高: 线速度最高可达 25M/S, 分散时间大大缩短; 搅拌完后的浆料颗粒度小、一致性高, 有效解决浆料团聚现象。
2. 轴承采用瑞典 SKF 全进口角接触球轴承, 大大提高了搅拌转速以及使用寿命(线速度在 21M/S 情况下连续 24 小时运转总寿命 3 年以上)。
3. 密封性能高, 无漏油漏气现象: 两套机械密封加上软、硬等密封, 行星传动箱采用全密封结构, 轴承位经过全新设计, 合理分布轴承限位, 从而减小轴承的磨损; 真空度空载 24 小时保压 -0.092 以上, 确保搅拌过程无漏油漏气现象。
4. 浆与桶内壁间隙: 浆与浆、浆与桶壁、浆与桶底、之间间隙合理; 搅拌浆底部有刮底设计, 桶体内圆度高, 小于 0.2MM。
5. 扭矩输出大: 输出扭矩经过计算机模拟计算, 强度高, 适合高粘度、高固含量锂离子动力电池正负极浆料(磷酸铁锂、三元、三元高镍、锰酸钾、钴酸锂等), 能够适应不同工艺 (干法混料、湿法混料)。

- 1.High line speed: The line speed can reach to 25m/s, shorten the dispersing time. The particle size of battery slurry is small and high uniformity, solve the problem of polymerization.
- 2.It adopts SKF Sweden import angular contact ball bearing., large increase the mixing speed and using life(The using life is more than 3 years under 21m/s and continuous 24hr working).
- 3.High tightness, no air leakiness and oil leakiness: 2 sets of mechanical seal plus soft, hard seals etc.the planetary transmission box adopts complete seal structure, New design of bearing position, reasonable distribution of the bearing limit, reduce the wearing of bearing. the non load vacuum keeps above -0.092 in 24hours, ensure that no air leakiness and oil leakiness during the mixing ;
- 4.The gap between tank and paddles: paddles to paddles,paddles to tank wall,paddles to tank bottom, the gap is small, scraper design under the mixing paddles, high roundness inner the tank, The deviation is less than 0.2mm;
- 5.Large torsion output: the torque output is simulation calculated by computer, High strength, suitable for high viscosity, high solid content Positive and negative pole slurry of Lithium battery (Lithium iron phosphate, ternary, ternary high nickel, Potassium manganate, Lithium Cobaltate etc) suitable for different process technology (dry mix, wet mix).

双行星动力混合机 2L-20L



产品规格 Product specification

项目 Items	2L	5L	10L	15L	30L
桶体工作容积 (L) Tank working Capacity	2L	5L	10L	15L	30L
桶体设计容积 (L) Tank Design Size	3L	7.4L	14L	18L	44L
桶体内尺寸 (MM) Tank Size	180*120	250*150	300*200	300*250	400*350
公转电机 (KW) Revolution Motor	0.75	1.5	2.2	2.2	3
公转转速 (RPM) Revolution Speed	0-51	0-51	0-48	0-48	0-43
搅拌浆转速 (RPM) Mix Speed	0-112	0-104	0-100	0-100	0-84
分散电机 (KW) Disperse Motom	0.75	1.5	2.2	2.2	5.5
分散转速 (RPM) Disperse Speed	0-9500	0-9500	0-7000	0-7000	0-5500
分散盘线速度 (M/S) Disperse plate linear Velocity	0-23				
重量 (KG) Suttle	303	420	550	570	980
外形尺寸 (MM) 长 * 宽 * 高 Measurement(L*W*H)	1100*660*1300	1250*770*1500	1350*800*1750	1350*800*1800	1700*950*1900

双行星动力混合机 30L-200L



产品规格 Product specification

型号 Model	60L	100L	200L	300L	500L
项目 Items	60L	100L	200L	300L	500L
桶体工作容积 (L) Tank working Capacity	60L	100L	200L	300L	500L
桶体设计容积 (L) Tank Design Size	88L	149L	287L	368L	670L
桶体内尺寸 (MM) Tank Size	500*450	650*450	750*650	850*650	1000*850
公转电机 (KW) Revolution Motor	7.5	11	22	22	37
公转转速 (RPM) Revolution Speed	0-36	0-30	0-28	0-26	0-22
搅拌桨转速 (RPM) Mix Speed	0-53	0-46	0-39	0-39	0-35
分散电机 (KW) Disperse Motom	11	15.5	30	37	45
分散转速 (RPM) Disperse Speed	0-4500	0-3700	0-2800	0-2200	0-2000
分散盘线速度 (M/S) Disperse plate linear Velocity			0-23		
重量 (KG) Suttle	1700	2700	4200	7700	10300
外形尺寸 (MM) 长 * 宽 * 高 Measurement(L*W*H)	1950*1200*2150	2300*1300*2400	2500*1400*3000	3200*1600*3200	3600*1950*3900

双行星动力混合机 300L-3000L



产品规格 Product specification

型号 Model	650L	1000L	1500L	2000L	3000L
项目 Items	650L	1000L	1500L	2000L	3000L
桶体工作容积 (L) Tank working Capacity	650L	1000L	1500L	2000L	3000L
桶体设计容积 (L) Tank Design Size	807L	1327L	1846L	2300L	3400L
桶体内尺寸 (MM) Tank Size	1100*850	1300*1000	1400*1200	1500*1300	1700*1500
公转电机 (KW) Revolution Motor	45	55	75	90	110
公转转速 (RPM) Revolution Speed	0-22	0-20	0-15	0-13	0-9
搅拌桨转速 (RPM) Mix Speed	0-35	0-36	0-35	0-35	0-24
分散电机 (KW) Disperse Motom	55	75	90	110	132
分散转速 (RPM) Disperse Speed	0-2000	0-1800	0-1500	0-1500	0-1000
分散盘线速度 (M/S) Disperse plate linear Velocity			0-23		
重量 (KG) Suttle	11000	13500	16800	19500	23500
外形尺寸 (MM) 长 * 宽 * 高 Measurement(L*W*H)	3800*1700*4200	4300*1950*5000	4320*2100*4530	4430*2050*4950	4660*2280*5200

搅拌混合系统

AGITATOR MIXING SYSTEM

双行星搅拌压料一体机

Double planetary mixing press machine

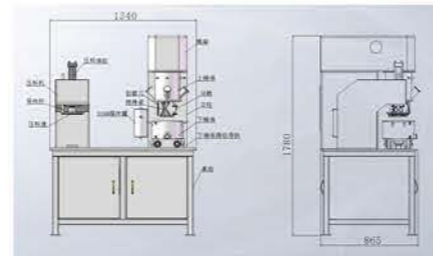
应用场景 Application Scenario

本机广泛适用于中高粘度产品的分散、搅拌、混合。适用粘度值在 10000CP-1000000CP 左右。

This machine is widely used for dispersion and mixing of medium and high viscosity products. The applicable viscosity value is around 10000cp-1000000cp.

产品特点 Product characteristics

1. 筒体可靠密封, 可进行真空减压状态下的搅拌操作。
2. 筒体带有夹套, 可进行加热或冷却, 以满足工艺需要。
3. 可更换筒体, 内壁经过精密加工, 清洗方便。
4. 搅拌桨有公转和自转两种运动方式, 使物料可以达到很好的混合效果。
5. 公、自转均采用变频调速, 以适应不同的物料及工艺。
6. 旋转系统设有刮刀, 用于刮净筒体内壁粘附的物料。
7. 整机上部采用液压升降, 可迅速更换筒体完成操作。



1. The cylinder is reliably sealed, and the mixing can be carried out in a vacuum decompression state.
 2. The cylinder is equipped with a jacket, which can be heated or cooled to meet the needs of the process.
 3. The cylinder can be replaced, the inner wall is precisely processed, and it is easy to clean.
 4. The mixing paddle has two modes of revolution and rotation, so that the material can achieve a good mixing effect.
 5. Both the revolution and rotation adopt frequency conversion speed regulation to adapt to different materials and processes.
 6. The rotating system is equipped with a scraper to scrape the material adhered to the inner wall of the cylinder.
- The upper body of the whole machine adopts hydraulic lifting, which can quickly replace the cylinder to complete the operation.



产品规格 Product specification

型号 Model	2L	5L	10L	15L	30L
项目 Items					
桶体工作容积 (L) Tank working Capacity	2L	5L	10L	15L	30L
桶体设计容积 (L) Tank Design Size	3L	7.4L	14L	18L	44L
桶体内尺寸 (MM) Tank Size	180*120	250*150	300*200	300*250	400*350
公转电机 (KW) Revolution Motor	0.75	1.5	2.2	2.2	3
公转转速 (RPM) Revolution Speed	0-51	0-51	0-48	0-48	0-43
搅拌桨转速 (RPM) Mix Speed	0-112	0-104	0-100	0-100	0-84
分散电机 (KW) Disperse Motor	0.75	1.5	2.2	2.2	5.5
分散转速 (RPM) Disperse Speed	0-9500	0-9500	0-7000	0-7000	0-5500
分散盘线速度 (M/S) Disperse plate linear Velocity	0-23				
重量 (KG) Suttle	303	420	550	570	980
外形尺寸 (MM) 长*宽*高 Measurement(L*W*H)	1100*660*1300	1250*770*1500	1350*800*1750	1350*800*1800	1700*950*1900

相关配套设备

RELATED EQUIPMENT

宇顺智能装备一览

YUSHUN INTELLIGENT EQUIPMENT LIST

相关配套设备

分散机	座缸升降型高速搅拌釜
磁网过滤器	锂电池投料系统
同心双轴高速搅拌釜	卧式螺带混合机
同心双轴螺带搅拌釜	中转罐
正极材料前驱体反应釜	

分散机 Dispensing machine

分散机广义上是搅拌机的一种。由于采用高速搅拌器（如圆盘锯齿型搅拌器）可以在局部形成很强的紊流，通常对物料有很强的分散乳化效果。所以对这类高速搅拌机又称为分散机。分散机主要分为升降式分散机和釜用分散机，升降式分散机按升降方式又可以分为：液压升降分散机，气动升降分散机，手摇升降分散机等；按照搅拌桨的结构形式可以分为同心双轴和强力分散机。

Dispenser is a kind of mixer. Since the high-speed dispersers (such as a disc mixer) can form a strong turbulent flow in partial area, which will have a strong dispersing and emulsifying effect on the materials. Therefore, this kind of high-speed mixer is also called disperser. Dispersers are mainly divided into lifting dispersers and kettle dispersers. The lifting dispersers are divided into hydraulic lifting dispersers and pneumatic lifting dispersers, hand lifting dispersers, etc.; and according to the structure of the mixing paddles, it can be divided into concentric double shaft dispersers and powerful dispersers.

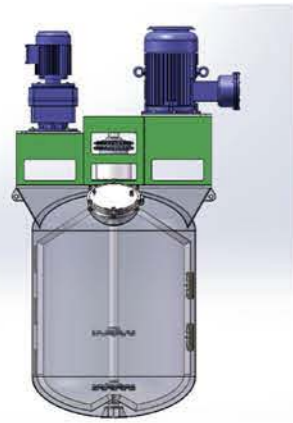


磁网过滤器 Magnetic filter

1. 双过滤通道配置（1套常用、1套备用），适用于浆料连续供料；两组过滤通道可自由切换；
2. 用于浆料从中转罐到涂布机输送及液面控制（有除铁、过滤杂质功能）。

1. Dual Filtering Channels: one for using, the other one for spare, which can ensure continuous supply of battery slurry. And the two channels can be switched freely.
2. It is also used for delivering the battery slurry from transferring tank to coating machine, controlling slurry level and filtering iron and impurities.





同心双轴高速搅拌釜 Concentric double shaft mixer

广泛应用于涂料、农药、颜料、染料、油墨等行业，尤其适合稠厚浆料的配料分散操作。根据不同要求，可做成全封闭结构，可抽真空可加压，也可做成非封闭型结构；刮壁搅拌釜的设计可使物料搅拌更充分，效率更高，高速搅拌轴还能做成可升降结构以适应不同产品需求；规格从1000L到10000L。

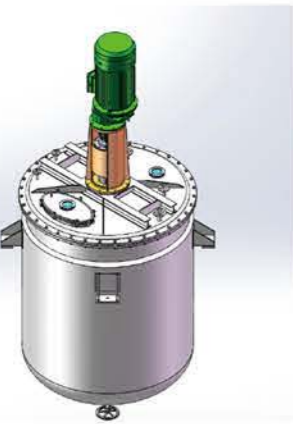
This equipment is widely used in coating, pesticide, pigment, dye, ink and other industries, especially suitable for batching and dispersing operation of thick slurry. According to different requirements, the mixing tank can be made into a fully enclosed or open structure, can be vacuumized and pressurized. The scraper can make the material more fully mixed and more efficient, liftable structure is available to meet different needs, capacity is from 1000L to 10000L.



同心双轴螺带搅拌釜 Mesh filter

应用于高固含量产品，比如真石漆、质感漆、多彩涂料、颜料、建筑腻子等；根据不同要求，可做成全封闭或易敞开结构；刮壁搅拌釜与螺带搅拌釜配合使用，使物料搅拌无死角，均匀度高；规格从2立方到40立方。

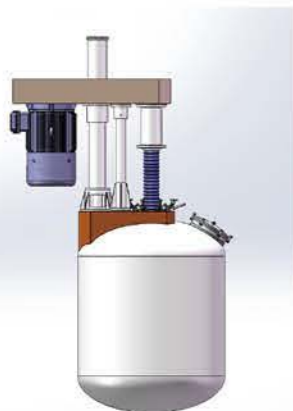
This equipment is mainly used for high solid content products, such as real stone paint, texture paint, colorful paint, pigment, architectural putty, etc. According to different requirements, it can be made into a fully enclosed or open structure. The scraper works together with the screw mixing paddle, so that the material can be mixed without dead angle and with high uniformity. Capacity is from 2 cubic meters to 40 cubic meters.



正极材料前驱体反应釜 Cathode material precursor reactor

应用于锂电池正极材料前驱体的制造；独特的搅拌器形式和釜体结构可以达到理想的液体流动状态，能够优化晶核状态，形成球形度好、分布均匀、状态稳定的前驱体反应液；可在线监测酸碱度和温度，并通过PLC控制系统实时调节；有20L到10000L各种型号可选。

This equipment is used in the manufacture of lithium battery cathode material precursors. The unique mixer form and kettle structure can achieve an ideal liquid flow state, optimize the crystal nucleus state, and form a precursor reaction with good sphericity, uniform distribution and stable state. This equipment can monitor the pH and temperature online, and adjust it in real time through the PLC control system. The equipment is available in various models from 20L to 10000L.



座缸升降型高速搅拌釜 Cylinder type hydraulic high speed disperser

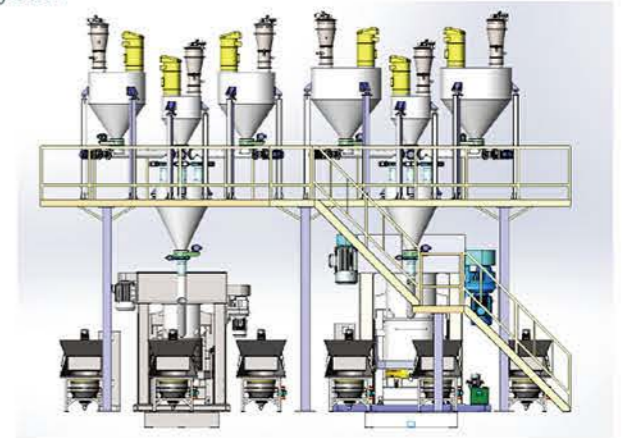
广泛应用于涂料、农药、颜料、染料、油墨等行业；根据不同要求，可做成全封闭结构，可抽真空可加压，也可做成非封闭型结构，高速搅拌轴一定范围的升降操作可使物料在短时间迅速得到分散混合；规格从1000L到10000L。

This equipment is widely used in coating, pesticide, pigment, dye, ink and other industries. According to different requirements, it can be made into a fully enclosed or open structure, can be vacuumized and pressurized. The lifting operation of the high-speed stirring shaft in a certain range can quickly disperse and mix materials in a short time. The machine capacity is from 1000L to 10000L.

锂电池投料系统 Lithium battery automatic feeding system

锂离子电池全自动配料系统是我司根据行业发展需求，专为浆料原料进行全自动配料投料设计的智能化生产系统。该系统由计量系统、粉体投料及输送系统、计算机中控系统、储料及中转缓冲罐系统组成。整套系统实行全自动输送和计量，采用进口高精度称重模块及仪表，计量精度可达千分之三，大大提高了配料效率和精度，更有效地隔绝空气，防止物料变质，改善了生产车间环境。

Lithium-ion battery automatic batching system is our company's intelligent production system that is specially designed for the raw material of slurry materials for automatic batching and feeding according to the development requirements of the industry. The system consists of a metering system, a powder feeding and conveying system, a computer control system, a storage material and a transit buffer tank system. The entire system implements automatic conveying and metering. It adopts imported high-precision weighing modules and meters, measuring accuracy can reach three thousandths, greatly improving the efficiency and accuracy of the ingredients, more effectively insulating the air, preventing the deterioration of the materials, and improving the production workshop surroundings.



卧式螺带混合机 Horizontal ribbon blender

1. 应用于粉体+粉体、粉体+少量液体、低粘度液体混合搅拌；
2. 典型应用产品有锂电正极材料、前驱体材料、真石漆、饲料、农药、塑料等；
3. 规格从0.5立方到35立方。

This equipment can be used for mixing of powder-powder, powder-minor liquid and low viscosity liquid. Typical applied for lithium battery cathode materials, precursor materials, real stone paint, feed, pesticide, plastic, etc. The size ranges from 0.5 cubic meters to 35 cubic meters.



中转罐 Transfer tank

本设备主要用于电池浆料的周转，存放，搅拌，二次脱泡，涂布前防止沉淀。

1. 在周转桶里抽真空，把真空搅拌机里的物料提取到周转搅拌桶里。
2. 打开周转桶电机搅拌，以防止密度大的物料沉淀。
3. 给周转桶里加氮气，把物料压送到涂布机；或用隔膜泵输送至涂布机。
4. 适用范围：锂离子电池正、负极浆料的制作以及其它物料的配制。

The machine is used for the transfer, storage, mixing and twice defoaming of battery sizes, prevent the sizes from precipitation.

1. Vacuum the transfer tank, extract the material from vacuum mixer;
2. Turn on the mixing motor, avoid the precipitation of large density material;
3. Fill nitrogen into the transfer tank, press transmission the material to coating machine; or transfer the material by pneumatic diaphragm pump;
4. Application: manufacturing of Lithium battery positive pole sizes & negative pole sizes as well as other materials;



客户服务

CUSTOMER SERVICE

专注于湿法混合、分散、捏合、湿法纳米研磨分散的战略合作伙伴。

Customers' views of Yushun Intelligent---a strategic partner focusing on wet mixing, dispersion, kneading, wet nano - grinding and dispersion.

宇顺智能凭借自身 20 余年丰富的经验、技术积累与沉淀为国内外众多客户提供全程专业化的技术支持、产品研磨方案设计、物料研磨实验和量身定做的解决方案。

Yushun Intelligent, with over 20 years of rich experience, technology accumulation and precipitation, provides customers at home and abroad with professional technical support, product grinding scheme, material grinding experiments and tailor - made solutions.

售前

pre-sales

宇顺智能提供包括需求分析、技术交流引导和项目方案设计, 为每一位客户提供物料实验服务, 只为提供更专业优质的服务。

Yushun Intelligent provides demand analysis, technical advise and project solution, as well as material experiment services, aim to provide all customers with more professional and high-quality services.

售中

In sale

宇顺智能始创于 1995 年, 近 30 年专注于物料研磨、搅拌、分散的技术研发与应用, 致力于为客户服务。公司拥有秦皇岛及广州两大生产基地, 关键设备自主生产, 品质可控。

Yushun Intelligent, founded in 1995, has focused on the research and development of material grinding, mixing and dispersing technologies in the past 30 years. The company has two production bases in Qinhuangdao and Guangzhou, all the key equipment is produced independently and the quality is controllable.

售后

After sale

公司以企业网站、公司商务平台、售后服务热线等信息平台, 不断提升自身的售后服务效率, 始终坚持“优质、快捷、诚信”的服务理念, 结合企业在设备生产制造领域的综合优势, 竭诚为广大客户服务, 始终坚持“12 小时内提供解决方案, 24 小时内上门分析解决问题”的承诺, 我们将秉承和发扬公司的服务理念, 不断提升公司产品的全程跟踪式售后服务。

The company continuously improves its after-sales service through enterprise websites, business platforms, and after-sales service hotline. It always adheres to the service concept of "high quality, prompt response, and integrity", and combines the advantages of equipment production to serve all customers wholeheartedly. "providing solutions within 12 hours, analyze and solve problems within 24 hours", we will promote the company's service philosophy, continuously improving the full process tracking of after-sales service.



合作共赢

WIN-WIN COOPERATION

相关案例

Relevant case



北京办

地址: 北京市丰台区南四环西路汉威国际一区东一塔 210 室
Room 210, East Tower, Hanwei International Zone 1,
Western Road of South 4th Ring, Fengtai District, Beijing, China
手机: 18600290001

广州办

地址: 广州市黄埔区科学大道 50 号绿地中央广场 A3 栋 1204
Room 1204, Building A3, Greenland Central Plaza,
No.50, Science Avenue, Huangpu District, Guangzhou
手机: 185 3201 3888

Алматы (7273)495-231
Ангарск (3955)60-70-56
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Благовещенск (4162)22-76-07
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Владикавказ (8672)28-90-48
Владимир (4922)49-43-18
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89

Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Коломна (4966)23-41-49
Кострома (4942)77-07-48
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Курган (3522)50-90-47
Липецк (4742)52-20-81

Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Ноябрьск (3496)41-32-12
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Петрозаводск (8142)55-98-37
Псков (8112)59-10-37
Пермь (342)205-81-47

Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Саранск (8342)22-96-24
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сургут (3462)77-98-35
Сыктывкар (8212)25-95-17
Тамбов (4752)50-40-97
Тверь (4822)63-31-35

Тольятти (8482)63-91-07
Томск (3822)98-41-53
Тула (4872)33-79-87
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Улан-Удэ (3012)59-97-51
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Чебоксары (8352)28-53-07
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Чита (3022)38-34-83
Якутск (4112)23-90-97
Ярославль (4852)69-52-93

Россия +7(495)268-04-70

Казахстан +7(7172)727-132

Киргизия +996(312)96-26-47

<https://yushun.nt-rt.ru> || ynv@nt-rt.ru