



ZEELINAL
自力智能

ZEELINAL

常州自力智能装备有限公司
CHANGZHOU ZILI INTELLIGENT EQUIPMENT CO.LTD

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企业介绍

COMPANY

INTRODUCTION

常州自力智能装备有限公司是由原国营“武进矿山机械厂”改制，利用原厂技术、生产骨干以及设备，重新成立的股份有限公司。

我厂生产的设备主要应用于油墨、涂料、人造革、电缆料、肥皂、巧克力、化妆品、电子浆料、油脂等生产领域。其中纳米砂磨机、珠磨机、三辊研磨机、高速分散机以及各种搅拌机是我厂最优质的机械产品。

三十年来，我们不断丰富、创新生产经验，向业界同行学习，互相探讨，取长补短，优化产线。尤其是在成功收购“上海第一化工机械厂”的备件和有关技术后，产品又上升到了更高的层次。如今，我们的产品已经遍及中国、美国、欧洲、印度、香港、新加坡、泰国等世界各地，并获得了一致好评！

我公司本着“细度终结者”的理念，为客户量身定做，生产出一批又一批质量第一，细度最大化的专业机械。我厂每一位员工坚持“细节定事，细致做人”的原则，注重每一道生产环节，打磨精细，装配仔细，检查心细。同时我们提供最完善，最贴心，最细致的售后服务体系，确保我们的产品为客户带来最佳的生产效果。

自公司成立以来，我们不仅得到了工商局颁发的 AAA“重合同、守信用”企业称号，还获得了江苏“质量信得过产品”荣誉。并且率先通过了 ISO9001:2015 质量管理体系认证，以及 CE、SGS 认证。同时，我们不忘反哺社会，积极捐款捐物，扶持贫困，赡养老人，为共同富裕献出我们的一份力。

在新的征程中，我公司将继续踏实做事，不变初心，以更优质的产品、更合理的价格、更贴心的服务，全心全意的与客户真诚合作与交流。未来将继续优化经营模式，注重现代化，电子化，全球化，从而扩大企业规模，为社会青年人士提供更多的就业发展机会，与大家携手共创美好的明天！

Changzhou Zili Intelligent Equipment Co.,Ltd. is a limited liability company based on formerly named “Wujin Mine Machinery Factory”, with former factory technology, production team and equipments. Our machine sare widely used in ink, coating, artificial leather, cable material,soap, chocolate, cosmetic, electronic paste, grease etc.. Our key machines are , three roll mill, high speeddisperser and some kinds of mixers.

With our rich and innovative production experiences in thirty years, our machines have been all over the world. For example, USA, Netherlands,Turkey, Pakistan, Japan, Korea, India, Hong Kong, Singapore, Thailand,Brazil, Indonesia,Russia, Canada, Bangladesh, Australia, Venezuela,Dominican Republic, Ukraine, Vietnam, Tanzania, Portugal all have our machines. We obtain consistent high praises from our customers for our quality machines. Especially after the successful acquisition of “Shanghai First Chemical Machinery Factory”, our products have risen to a higher level than before. Our company follows the idea of “Fineness Grindmaster”to customize machines for our customers. We produce more and more quality machines to help customers to reach better and better fineness. Every stuff in our company insists the principle: Details matter much, We pay attentions to every production details. We carefully grind rollers, carefully assembly the parts, carefully check the running. At the same time we provide the most complete, the most intimate and the most detailed after-sales service to ensure that our products for customers will bring out the best production results.

Since Zili is established, we not only rewarded “AAA Credit Company”title, but also obtained the honor of “Jiangsu Quality Reliable Products”.We are certified with ISO9001:2015,CE,SGS. At the same time,we keep feeding back to our society by actively donating to support the poor and elderly for the social common prosperity.In the new journey, our company will continue to work hard, will not forget our initial resolution. We will offer better and better products with reasonable prices and attentive service, wholeheartly communicate and cooperate with our customers. In the future, we will continue to optimize our business model by focusing on modernization, electronization and globalization,thereby to expand our enterprise scale,to provide more employment opportunities for social youth,and to let us join hands in creating a better tomorrow!

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成就与未来

ACHIEVEMENT AND FUTRURE

1986

自力公司前身武进矿山机械厂生产出第一台 S 系列三辊机。“Wujin Mine Machinery Factory” the predecessor of Zili Company, produced the first S-series three roll mill.

2003

机器改进，生产出SG系列三辊研磨机。

Our machine was improved and we produced SG series three roll mill.

2006

公司新工厂落成，搬迁入现在的工厂。

Our new factory was completed and we moved into the present factory.

2009

成功收购上海第一化工机械厂。

Successfully acquired Shanghai First Chemical Machinery Factory.

2012

成立子公司“常州杜勒国际贸易有限公司”，将我公司化工机械销往世界各地。

生产出第一台双伺服 PLC 三辊研磨机。

Established a subsidiary “Changzhou Doer International Trade Co., Ltd.” to sell our machines all over the world.

Produced the first double servo PLC three roll mill.

2014

生产出第一台棒销式纳米砂磨机。

生产出四伺服数控型三辊研磨机。

Produced the first rod-pin type nano bead mill.

Produced four servo PLC three roll mill.

2019

拿到软件著作权登记证书。

Got the software copyright registration certificate.

2021

获得江苏省质量服务信誉AAA 级企业、江苏省科技创新优秀民营企业。2021 年与南京工程学院产学研合作开发成功。

Obtained the reputation of “AAA-level Enterprise for Quality Service” and “Outstanding Private Enterprise for Scientific and Technological Innovation” in Jiangsu Province. In 2021, we successfully developed in the cooperation of “Industry+University+Research” with the Nanjing Institute of Technology.

2024

2024成立常州自力科磨智能装备有限公司及常州自力科锐自动化科技有限公司，进一步拓展了业务领域，实现了多元化发展的战略布局。

In 2024, Changzhou Zili Kemo Intelligent Equipment Co., Ltd. and Changzhou Zili Kerui Automation Technology Co., Ltd. were established, which is further expanding our business scope and realizing our strategic layout of diversified development.

2001

公司改制，从国有变为股份制公司，成立自力化工机械有限公司。

Company restructuring, from state-owned to joint-stock company then established Changzhou Zili Chemical Machinery Co., Ltd.

2005

开始研发生产液压系列三辊研磨机。

Began to develop and produce hydraulic series three roll mill.

2007

生产出第一台液压型三辊研磨机。

Produced the first hydraulic three roll mill.

2010

生产出第一台 PLC 控制型三辊研磨机。

Produced the first PLC controlled three roll mill.

2013

直立式防掉料三辊研磨机等多种机型获得“发明、新型、实用、及外观专利。

生产出第一台全陶瓷涡轮型纳米砂磨机。

A variety of models such as the vertical bevel type three roll mill have obtained “Invention, model, utility, and appearance patents”. Produced the first all-ceramic turbine type nano bead mill.

2017

改革生产规划，利用 ERP 系统，使技术、生产、财务、仓库管理上升到新的台阶。

Reformed the production planning, used the ERP system to upgrade our technology, production, finance, warehouse management to a new level.

2020

在江苏股权交易中心成功挂牌。

Successfully listed in Jiangsu Equity Exchange.

2023

专精特新，国家级高新技术企业。

“Specialized, Refined, Differential, Innovative” National High-Tech Enterprise

自力伙伴

ZILI PARTNER

部分供应商 (排名不分先后)
PART OF OUR SUPPLIERS (LISTED IN RANDOM)

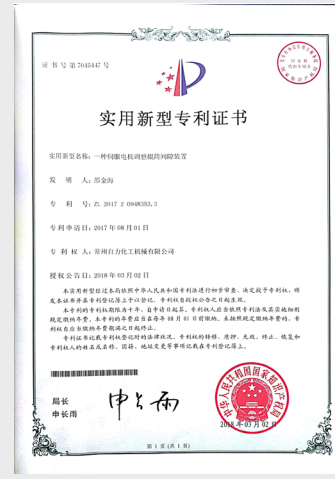
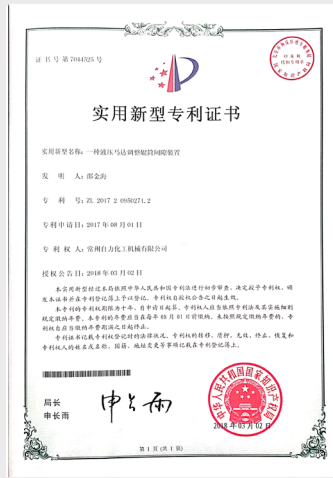
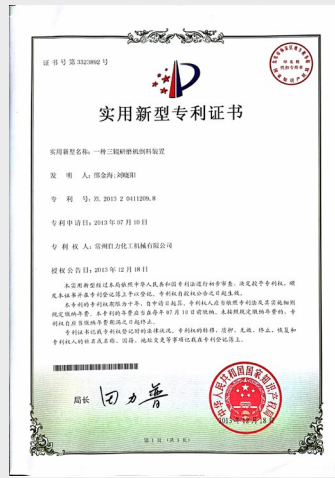
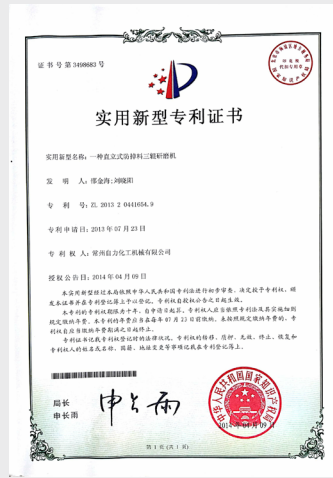
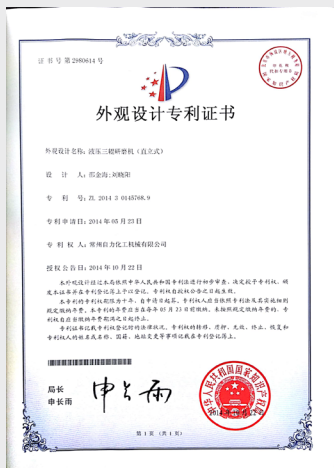
 ABB	 倍加福	 德力西	 国茂股份
 海浦蒙特	 三菱	 NSK	 欧姆龙
 松下	 施耐德	 西门子	 SKF
 Where You Turn 铁姆肯	 东元集团	 台达	 台湾维多利
 信捷科技	 厦门宇电	 安川	 日本油研

部分荣誉客户代表 (排名不分先后)
HONOR CUSTOMER REPRESENTATIVE (PART) LISTED IN RANDOM

 健康源自天然	 美丽华	 立邦	 中航复合材料	 得润宝油脂
 比亚迪汽车	 匡宇电子	 晶银新材	 贺利氏	 宏星浆料
 硅宝	 信越有机硅	 乐凯胶片	 道康宁	 润禾
 马利画材	 乐美文具	 一得阁	 长城笔业	 珍珠笔业
 合诚润滑油	 泗联化工	 南京中科药业	 容大感光	 富茂
 中国科学院大学	 新华医疗	 富士康	 优立盛	 纳爱斯
 intercos	 青蛙王子	 INTERNATIONAL COSMETICS	 上海露凡西化妆品	 雪弗特
 金龙新材料	 锦达	 东洋油墨	 杭华油墨	 阪田油墨
 海紫精	 TINCI 天赐	 兴发集团	 英科医疗	 天盛股份

专利与发明

PATENTS AND INVENTIONS



荣誉

HONOR



SDS

电子数控型三辊研磨机

ELECTRONIC CONTROL
THREE ROLL MILL

SDS 系列电子数控三辊研磨机能对液体或高粘性悬浮液中的粉状物体进行分散、脱团、均质和脱泡。辊筒标配合金钢辊，也可采用氧化锆或氧化铝陶瓷材质。它适用于电子浆料，油墨，颜料，化妆品，PVC 浆料，硅胶等多行业，可最大化的满足客户需求。它也可加装带自动循环制冷装置的水箱，既可解决冷却水的接管安装及排水麻烦，又可作为机器的操作平台，实用又美观。

The SDS series electronic three roll mill can disperse, deagglomerate, homogenize and defoam paste of powders in liquid or high viscosity suspension. The rollers' standard material is alloy steel, but also zirconia or alumina ceramic rollers are available. It is suitable for electronic slurry, printing ink, pigment, cosmetics, PVC paste, silicone and other industries to meet different customers' needs.

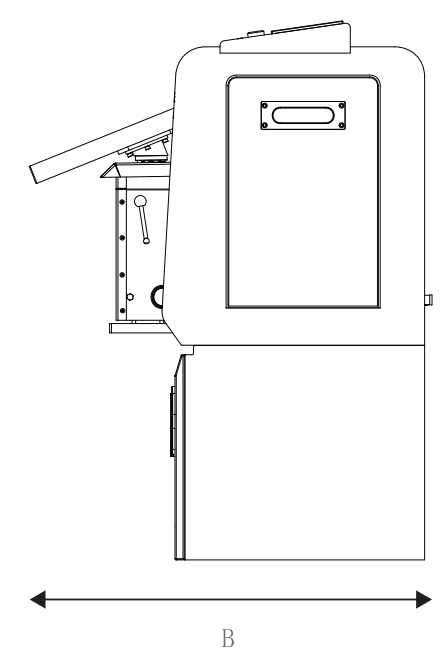
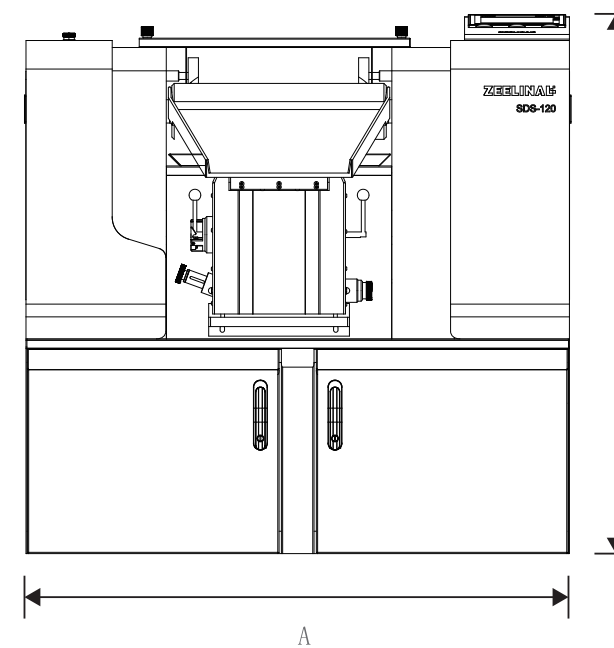
It can be additionally equipped with a nice and useful operating cabinet including a water tank inside and an automatic cooling circulation. This not only resolves the hassle of cooling water pipe connection and drainage but also serves as a functional and aesthetically pleasing operational platform.



SDS 80 电子数控型三辊研磨机
ELECTRONIC CONTROL THREE ROLL MILL



SDS 50 微型三辊研磨机
MILL THREE ROLL MILL



型号 Model	辊筒直径 Roller diameter (mm)	辊筒工作长度 working length (mm)	产量 Capacity (L/H)	辊筒转速比 Speed ratio	辊筒转速 Roller Speed (r/min)	主电机功率 Main motor power (kw)	整机重量 Weight (kg)	外形尺寸 Overall size A*B*C (mm)
SD50	50	150	0.02-10	4: 2: 1	490	0.18	27	430*300*300
SDS80	80	200	0.02-20	7.9: 2.81: 1	560	1.1	105	640*580*550
SDS120	120	280	0.6-37	9.31: 3.05: 1	477	2.2	300	1010*930*1200
SDS120L	450	280	1-60	9.31: 3.05: 1	477	2.2	450	1180*930*1200

SYS

(PLC)数控型液压三辊研磨机

HYDRAULIC (PLC) THREE ROLL MILL

该设备可根据用户采用选配西门子可编程逻辑控制器(PLC)来控制机器，进行自动化生产或远程控制。并配有模拟图形界面的触摸屏，便于操作人员尽快掌握，使机器操作更加精确、稳定，并可进行生产数据的记录及实行数据的再现性。

This hydraulic three roll mill can be equiped with SIEMENZ PLC system to produce automatically and be remote controlled. The big display touch screen with simulation interface is equiped for easy, precise and stable operation. The production data can be recorded and recalled.



供水方式	Water supplys	操作模式	Operating modes	辊筒材质可选项	Optional Roller Material:
敞开式	Open type	压力模式	Pressure mode	氧化锆	Zirconium oxide
密闭式	Closed type	间隙模式	Gap mode	碳化硅	Silicon carbide
				冷硬合金	Chilled alloy steel
				氧化铝	Aluminum oxide



技术数据

Technical Specification

辊筒直径 Roller diameter (mm)	辊筒工作长度 Working length (mm)	辊筒转速Speed (r/min)			主电机功率 Main motor power (kw)	液压系统总压力 General pressure (Mpa)	液压泵功率 Pump power (kw)	整机重量 Weight (kg)	外形尺寸 Overall size (mm)
		慢辊 Slow	中辊 Middle	快辊 Fast					
150	300	73	170	395	5.5	≤6.17	0.75	950	1090x1100x1200x650
200	600	58	159	440	11-15	≤6.17	1.5	1500	1430x1100x1220x700
260	650	49	140	400	18.5-22	≤6.17	1.5	2100	1670x1450x1290x900
305	800	37	133	400	30	≤6.17	1.5	3500	1940x1600x1370x920
400	800	31	122	400	30	≤6.17	1.5	4000	2100x1720x1520
400	1000	31	122	400	37	≤6.17	1.5	4500	2300x1720x1520
400	1100	31	122	400	45	≤6.17	1.5	4700	2400x1720x1520
400	1300	31	122	400	55	≤6.17	1.5	5000	2600x1720x1520

SY

液压三辊研磨机

HYDRAULIC THREE ROLL MILL

本机采用国内独创集成板块油路方式，由电磁阀来控制该机的工作状况，压紧与松开响应速度快，压力均匀，控制方便。研磨物料的各种细度通过调节压力获得，油路采用特制接头，确保不泄漏，并方便维护与拆装，辊筒采用专用特殊合金材料铸造，表面具有高强度和耐磨性。

This machine adopts domestic original integrated plate type oil lines, and solenoid valves to control the working conditions. Rollers' tightening and loosening can response quickly with equal pressures. The machine operation is easy to control. The fineness of final materials is obtained by adjusting the pressures. The oil lines adopt special joints to ensure that it does not leak and is easy to maintain and disassemble. Rollers adopts special alloy material by casting so that the surfaces have high strength and good abrasion resistance.



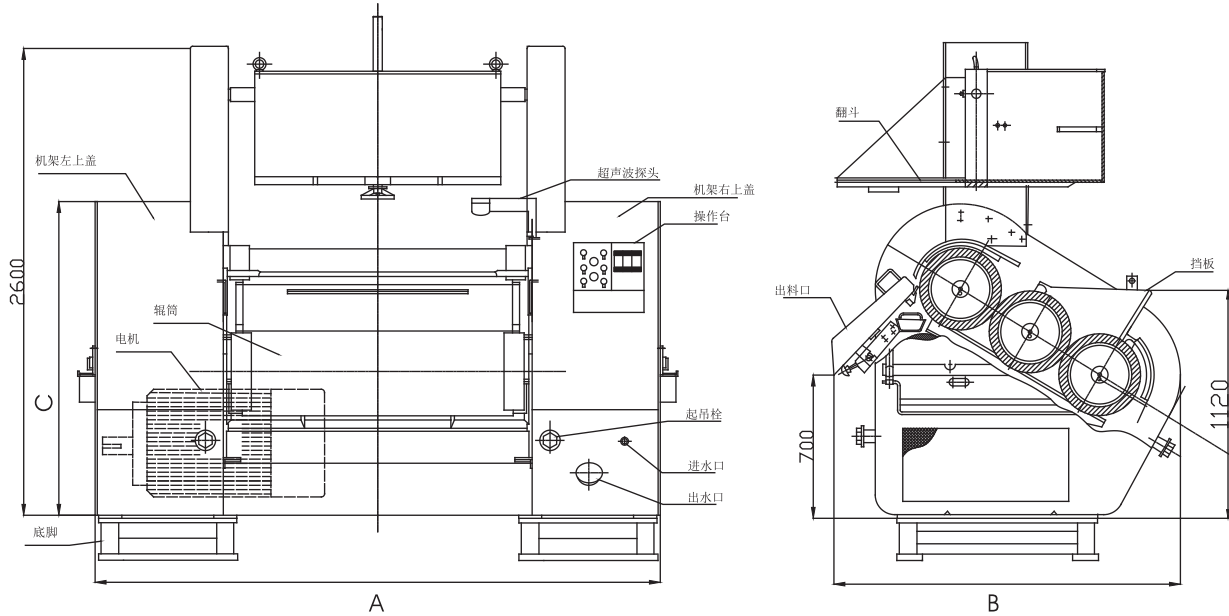
Tank Dumper 翻斗



Tank Lifter 上料机

技术数据

Technical Specification



辊筒直径 Roller diameter (mm)	辊筒工作长度 Working length (mm)	辊筒转速Speed (r/min)			主电机功率 Main motor power (kw)	系统总压力 General pressure (Mpa)	液压泵功率 Pump power (kw)	整机重量 Weight (kg)	外形尺寸 Overall size (mm)
		慢辊 Slow	中辊 Middle	快辊 Fast					
260	650	49	140	400	22	≤6.17	1.5	2100	1730x1550x1450
305	800	37	133	400	30	≤6.17	1.5	3000	1940x1600x1370
400	800	31	122	400	30	≤6.17	1.5	4000	2100x1720x1520
400	1000	31	122	400	37	≤6.17	1.5	4500	2300x1720x1520
400	1100	31	122	400	45	≤6.17	1.5	4700	2400x1720x1520
400	1300	31	122	400	55	≤6.17	1.5	5000	2600x1720x1520

SYP

平液压三辊研磨机

HORIZONTAL HYDRAULIC THREE ROLL MILL

该机型最大优点是采用变频调速，并加装有机机械(或液压)间隙的调整装置，在运行中可不脱开辊筒的情况下任意调整间隙，使其达到一个最佳的状态。以便加工各种高、中、低粘度的产品，产能是普通机的4倍左右。

The best advantage of this hydraulic three roll mill is the adoption of inverter for controlling speeds. It is equipped with mechanical(Or hydraulic) gap adjustment devices, which can adjust the gap freely without dismounting the rolls, so as to make it into the best condition to process all kinds of high, medium and low viscosity materials. Its production capacity is 3 times bigger than traditional manual three roll mill.

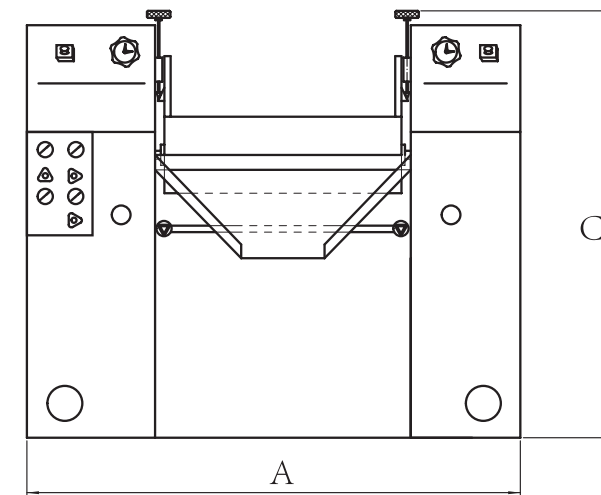
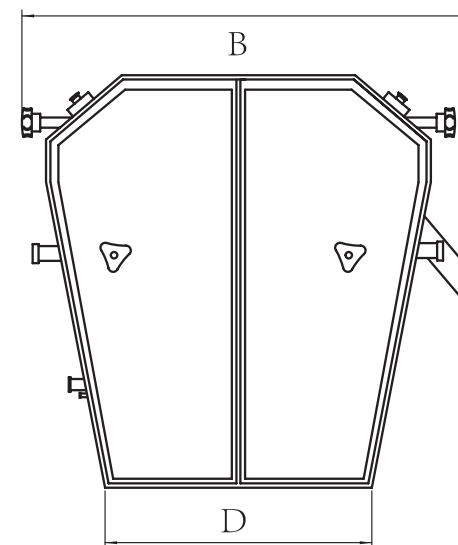


SYP400 液压三辊机带上料机
HYDRAULIC THREE ROLL MILL WITH TANK LIFTER



SYP400 全不锈钢封闭罩
With stainless steal covers

技术数据 Technical Specification



辊筒直径 Roller diameter (mm)	辊筒工作长度 Working length (mm)	辊筒转速Speed (r/min)			出料口距离高度 Output Height (mm)	主电机功率 Main motor power (kw)	系统总压力 General pressure (Mpa)	液压动力 Hydraulic power (kw)	整机重量 Weight (kg)	外形尺寸 Overall size (mm)
		慢辊 Slow	中辊 Middle	快辊 Fast						
150	300	73	170	0-400	720	5.5	6.3	0.75	950	1090x1100x 1200x650
200	600	58	159	0-400	650	11-15	6.3	1.5	1500	1430x1100x 1220x700
260	650	49	140	0-400	680	18.5-22	6.3	1.5	2100	1670x1450x 1290x900
305	800	37	133	0-400	665	30	6.3	1.5	3000	1940x1600x 1370x920
400	800	31	122	0-400	700	30	6.3	1.5	4000	2040x1790x 1520x1100
400	1000	31	122	0-400	700	37	6.3	1.5	4500	2240x1790x 1500x1100
400	1300	31	122	0-400	700	45	6.3	1.5	4700	2540x1790x 1500x1100

SYL

SGL

液压(手动)直立式三辊研磨机
HYDRAULIC/MANUAL VERTICAL
THREE ROLL MILL

该机主要针对各种粘辊性能差容易从辊间掉料的粉状物物料而专门设计的机型，如瓜尔胶，肥皂粒，灵芝孢子粉及茶树籽等类似物料的研磨。经过该设备加工的瓜尔胶，其粘度得到大大提高。

安装形式从传统辊筒排列形式改为不规则直立形。主要工作方式是物料从最上面慢辊进料，通过中慢辊进行第一次研磨再进入快辊进行第二次研磨，物料即使从中慢辊掉料下去，也会自动进入中快辊进行二次研磨，保证产品等研磨次数，而且出料是从最下面出料，大大降低了粉尘等产生。如客户需要安装输送带上料或出料也及为方便。该机可做成液压型和手动型，是国内外独创，在客户使用中得到及高评价。该设备已受国家发明专利保护。

The machine is a specially designed model for materials with poor sticky performance on rolls, such as powders like guar gum, soap tablets, ganoderma spore, tea seeds and other similar materials. The guar gum made by this machine can be improved with higher viscosity.

The roll installation has changed from the traditional form of roll arrangement to the irregular upright form. The main working procedure is the following, the feed material is put in slowly from the top roll. Materials move down to the central roll for the first grinding. Then materials go down to the fast roll for the second grinding. Even if the material drops from the central roll, it will automatically return to fast roll for second grinding. Thus, it ensures the full grinding. Besides, material discharge is from the bottom which really reduces dust. If the customer needs to install the conveyor belt for material feed or material discharge, it will be available. The machine can be hydraulic type or manual type. This machine has been protected by Chinese patent and received high reputation.



SYL SGL(手动)直立式三辊研磨机 SYL Hydraulic(SGL Manual) Vertical Three Roll Mill

技术数据
Technical Specification

型号 Model	辊筒直径 Roller diameter (mm)	辊筒工作长度 Working length (mm)	Fast	转速比 Speed ratio	液压系统 总压力 General pressure (Mpa)	主电动机 功率 Main motor power (kw)	泵电机 功率 Pump motor (kw)	整机重量 Weight (kg)	外形尺寸 Overall size A*B*C (mm)
SYL400-800	400	800	0-400	9:3:1	6.17	30	1.5	4800	2150x1840x2000
SYL400-1000	400	1000	0-400	9:3:1	6.17	37	1.5	5000	2350x1840x2000
SYL400-1300	400	1300	0-400	9:3:1	6.17	55	1.5	5200	2650x1840x2000
SGL 16"	406	810	170	9:3:1	无	30	无	5000	2210x1486x1840
SGL 16"L(加长)	406	1000	170	9:3:1	无	37	无	5500	2400x1486x1840
SYL400-1000 瓜尔胶专用 for guar gum	400	1000	0-350	9:3:1	6.17	75	1.5	5200	2380x1840x2350

SG 三辊研磨机

THREE ROLL MILL

SG改进型机的传动采用国外最新成果链轮传动，齿轮都浸入润滑油中，最大限度的延长了机器的适用寿命，并且降低了噪音和能耗，密封部件均为进口；原三辊研磨机顶调辊结构现改为齿轮调辊更平稳轻便，工作持久稳定。进出水口都可定制温度显示，保证所有产品不受温度变化而影响产品质量，并且可根据客户要求加装冷却水回收节能装置，手轮刻度显示装置或者辊筒加热装置，出料斗采用不锈钢，外观采用耐溶剂油漆，使机器光泽不受外蚀溶剂的影响而变化。

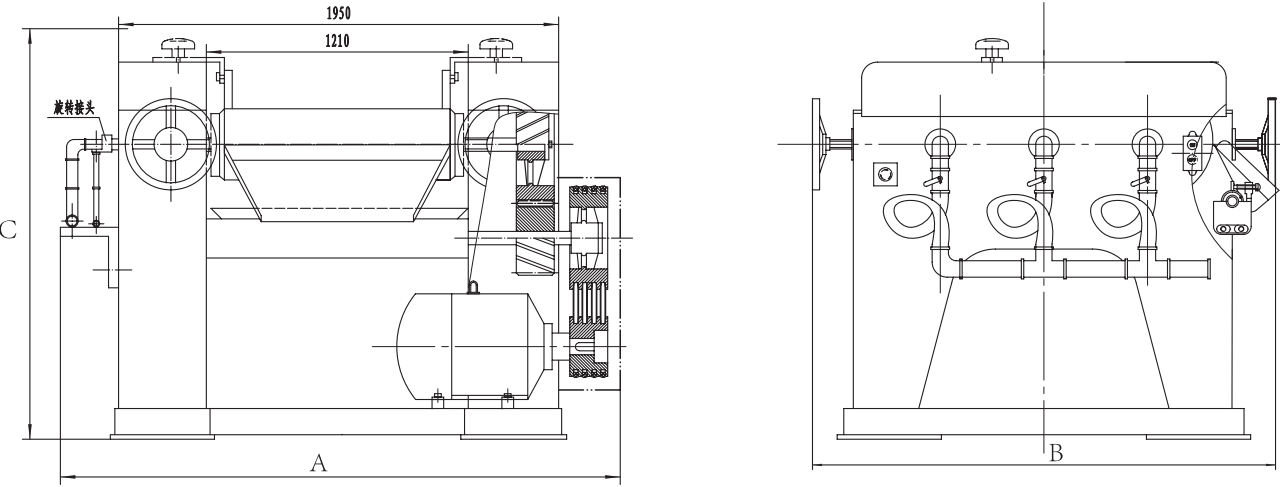
SG type three roll mill is improved from S type. The rolls' grade is higher and better. It's made of good quality steel sheet welding to have nice looking, easy operation, lower labor strength, higher machine strength and longer life. The machine is equipped with latest chain transmission technology. The gears are dipped inside lubricating oil so as to extend the machine life to maximum. It also reduces the noise and energy consumption. The sealing parts are imported with better quality. S series Three roll mill is equipped with top adjusting roll structure while SG series three roll mill is equipped with gear adjusting structure, easier and convenient and more stable operation.

The water temperature display is available at both inlet and outlet to make sure the material temperature keep stable and good quality available. Cooling water recycling device or roll heating device are available as customers' request. The material outlet hopper is made of stainless steel. The machine is coated with solvent resistance paints for a good looking appearance and preventing any possible dissolvent corrosion in production.



SG6 三辊研磨机 Three Roll Mill

技术数据 Technical Specification



型号 Model	辊筒直径 Roller diameter (mm)	辊筒工作长度 Working length (mm)	辊筒转速Speed (r/min)			电动机功率 Main motor power (kw)	整机重量 Weight (kg)	外形尺寸 Overall size (mm)
			慢辊 Slow	中辊 Middle	快辊 Fast			
SG4	100	250	39	84	182	1.5	300	800x660x900
SG5	120	270	25	67	180	1.5	400	940x970x930
SG6	150	300	37	85	196	2.2	500	1000x1040x965
SG8	200	600	25	70	193	5.5	1500	1640x1170x1110
SG9	260	685	25	70	200	7.5	2000	1800x1400x1180
SG12	305	760	22	68	210	11	3000	1980x1540x1230
SG14	356	890	18	57	174	15	4000	2165x1700x1374
SG16	406	810	18	57	174	15	4500	2150x1845x1430
SG16L	406	1010	18	57	174	22	5000	2250x1810x1500

S 三辊研磨机

THREE ROLL MILL

主要用于各种油墨、油漆、颜料、肥皂、人造革、塑料、润滑脂、巧克力等膏状物料。特别适用研磨粘度高细度要求好的产品。该机表面具有高硬度和耐磨性，并有冷却装置，保证连续工作。

Three roll mill is widely used in paste materials including inks, paint, pigment, soap, artificial leather, plastics, lubricant, grease, chocolate and so on. It's specially for high viscosity and finess material. The rollers are made of high hardness and anti-wear alloy steel. It is equipped with cooling device for continuous operation.

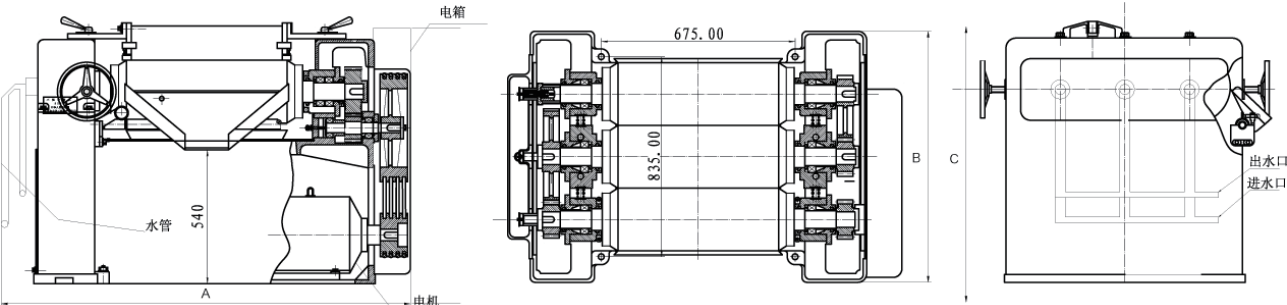


S260 三辊研磨机 Three Roll Mill



S65 三辊研磨机 Three Roll Mill

技术数据 Technical Specification



型号 Model	辊筒直径 Roller diameter (mm)	辊筒工作长度 Working length (mm)	辊筒转速Speed (r/min)			电动机 型号 Motor	功率 (kw)	转速 (r/min)	整机重量 Weight (kg)	外形尺寸 Overall size (mm)
			慢辊 Slow	中辊 Middle	快辊 Fast					
S65	65	125	27	75	210	Y17144	0.75	1390	65	380x445x430
S100	100	250	39	84	182	Y100L-4	1.5	1400	300	800x660x900
S120	120	272	25	67	180	Y100L-4	1.5	1400	400	830x750x920
S150	150	300	34	78	180	Y100L-4	2.2	1420	500	900x865x905
S200	200	600	22	64	182	Y160L-6	5.5	970	1500	1540x1140x1060
S260	260	675	22	64	182	Y160L-6	7.5	970	2000	1645x1350x1100
SM405	405	810	14	43	133	Y180L-6	15	970	4300	1950x1950x1330
SM405L	405	1000	14	43	133	Y180L-6	22	970	4800	2140x1950x1330

SYJ

加热三辊研磨机

HEATING THREE ROLL MILL

该机主要是在SQ高强力研磨机的基础上加以改进，操作都由液压来完成，使其自动化程度更高，机器更稳定。该机主要用于EVA、ABS、PE、PP、PVC等橡胶色母粒的热态加工并适用于粘度特高，特硬物料的研磨和混合，辊筒轴头加大，齿轮采用特殊材质，力大无穷。

This machine is improved model based on SQ powerful mill. Hydraulic operation system is good for high automation and stable working. The mill is especially applicable for super high viscosity and hard material milling and mixing. The roll spindle heads are larger, gears are made by special material for strong power use. mainly for EVA, ABS, PE, PP, PVC thermal processing of rubber masterbatch.



技术数据

Technical Specification

辊筒直径 Roller diameter (mm)	辊筒工作长度 Working length (mm)	辊筒转速Speed (rpm)			系统总压力 General pressure (Mpa)	主电机功率 Main motor power (kw)	液压动力 Hydraulic Power (kw)	整机重量 Weight (kg)	外形尺寸 Overall size (mm)
		慢辊 Slow	中辊 Middle	快辊 Fast					
405	900	13.9	41.7	125	6.3	30-55kw 980rpm	1.5kw 1500rpm	7800	4280x1950x1805

SGX

新型强力三辊研磨机

NEW STRENGTHEN THREE ROLL MILL

该机是在SZ和SQ两款机型基础上，结合SG仿进口三辊研磨机的优点，加以改良而来。主要优点是把外挂的减速机内置到机器的齿轮箱里面，让整个齿轮全部浸在润滑油中。它不但节省了占地空间和减少了安装的麻烦，而且节约能耗，可降低机器的修理成本。使其加工物料的粘度范围更大。它是做铅笔芯，硅橡胶，蓝泡泡，射光蓝浆等高粘度，高硬度物料的理想设备。

This machine is based on the SZ and SQ models, combined with the advantages of the SG three roll mill, and improved. The main advantage is that the external reducer is built into the gearbox of the machine, so that the entire gear is fully immersed in the lubricating oil. It not only saves space and reduces the trouble of installation, but also saves energy and reduces the cost of repairing the machine. The viscosity range of the processed material is made larger. It is an ideal equipment for high viscosity and high hardness materials such as pencil lead, silicone rubber, blue guards, and reflex blue paste.



技术数据

Technical Specification

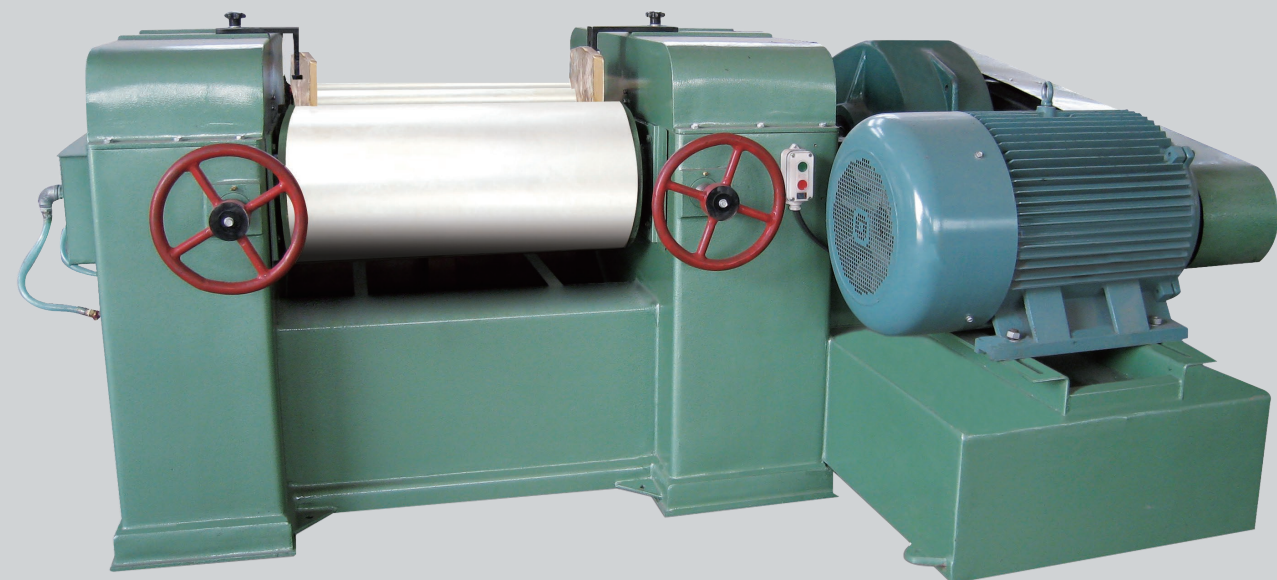
型号 Model	辊筒直径 Roller diameter (mm)	辊筒工作长度 Working length (mm)	辊筒转速Speed (r/min)			主电机功率 Main motor power (kw)	整机重量 Weight (kg)	外形尺寸 Overall size (mm)
			慢辊 Slow	中辊 Middle	快辊 Fast			
SGX5	120	280	22	52	120	2.2-4	450	830x750x920
SGX6	150	300	25	57	132	4-7.5	500	980x750x915
SGX8	200	600	12	36	110	11	1500	1600x1150x1130
SGX9	260	675	13	38	108	11-15	2300	1800x1520x1180
SGX12	305	700	11	35	109	15-30	3500	1950x1520x1200
SGX16	406	800	12.4	37	112	30-37	5000	2050x1810x1500

SQ 高强力三辊研磨机

POWERFUL THREE ROLL MILL

该机主要适用于粘度特高、特硬物料的研磨和混合。通过对该机的辊筒轴头加大，齿轮的加固等各主要部件改进，使其工作平稳 可靠、力大无穷。是研磨颜料、 铅笔、凹凸棒土等特殊产品的理想设备。该机还可根据客户要求做成水冷却、蒸汽加热、油加热等各种型式。

This machine is suitable for the mixing and grinding of materials with extremely high viscosity and extremely high hardness. We enlarge the roller shaft head of the machine and strengthen the gears to make it work smoothly, reliably and with great power. It is ideal for grinding pigments, pencil lead, attapulgite and other products. The machine can be equipped with water cooling, steam heating, oil heating, etc. according to different customer requirements.



技术数据 Technical Specification

型号 Model	辊筒直径 Roller diameter (mm)	辊筒工作长度 Working length (mm)	辊筒转速Speed (r/min)			电机功率 Main motor power (kw)	减速机型号 Reducer Model	速比 Speed ratio	整机重量 Weight (kg)	外形尺寸 Overall size (mm)
			慢辊 Slow	中辊 Middle	快辊 Fast					
SQ150	150	300	22	51	118	2.2-5.5	ZLY112-16	1:2.3:5.8	800	1450x1000x900
SQ260	260	675	14	41	117	22-37	ZLY180-16-I	1:3:9	3000	2600x1800x1100
SQ405	405	810	12.2	37.6	116	37-55	ZLY280-16-I	1:3:9	7500	2860x2400x1360

SZ 增强型三辊研磨机

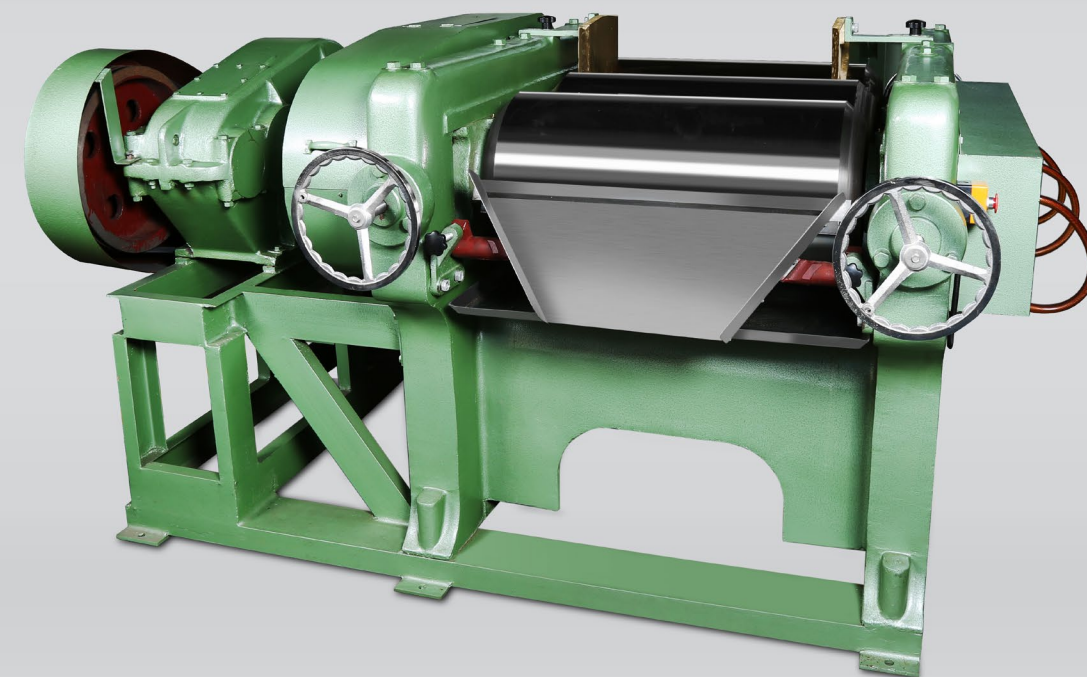
STRENGTHEN THREE ROLL MILL

该机主要针对高粘度、高硬度的产品等研磨而设计的，是介于S型和SQ型三辊研磨机中间的一款产品，特别适用于硅橡胶兰泡泡，铅笔芯，射光蓝浆等产品的生产。

这款机型可根据物料的特点选定最合适的电机功率及减速机型号，最大优点是工作平稳，既节能又减少机器维修成本。

This machine is applied for high viscosity and high hardness material which is between S type and SQ type mill. Especially for silicon rubber, pencil core, reflex blue paste and so on.

The motor power and reducer type can be specified based on material characteristics, the most advantage is stable operation to save energy and maintenance cost.



技术数据 Technical Specification

型号 Model	辊筒直径 Roller diameter (mm)	辊筒工作长度 Working length (mm)	辊筒转速Speed (r/min)			主电机功率 Main motor power (kw)	减速机型号 Reducer Model	速比 Speed ratio	整机重量 Weight (kg)	外形尺寸 Overall size (mm)
			慢辊 Slow	中辊 Middle	快辊 Fast					
SZ260	260	675	13	39	117	11-18.5	ZLY180-16I	1:3:9	3000	2500x1800x1040
SZ405	405	810	12.2	37.6	116	15-55	ZLY224-16I	1:3:9	6500	2700x2000x1300

FL 高速分散机

HIGH SPEED DISPERSER

- 一、机架型号及适配主功率

FG250机架适配功率:5.5kw;7.5kw;9-11kw;11kw
FG350机架适配功率:11kw;15kw;18.5kw;22kw
其他机架适配功率:2.2kw;3.7kw;4kw;30kw;32/42kw;
45kw;55kw;75kw;90kw
- 二、速度要求

速度类别:单速:双速:无极变速:有级变速(多速)
:电磁变速;变频变速;减速器变速;变速带变速
速度范围:400r/min以下低速;400-1200r/min以下高速
:1200r/min以上特速。
- 三、分散盘型式:平盘锯齿;三叉浆式;蝶式;其他形式。
- 四、安装形式:落地式;平台式。
- 五、选配料筒直径与分散轮直径比:3-4:1。
- 六、电机电器:隔爆型;非隔爆型普通型;特殊要求型。
- 七、电机安装形式:电机输出轴端向上或向下。
- A. Frame type and main power Applicable power for frame
FG250:5.5kw; 7.5kw;11kw Applicable power for frame
FG350:11kw;15kw;18.5kw;22kw; Applicable power for other
frame :2.2kw; 3.7kw;4kw;30kw;32/42kw;45kw;55kw;75kw;90kw
- B. Speed requirement Speed type:single,double,stepless,
step(multi):magnetic,frequency cobversion,reducer, shift
belt, Speed range: low speed below 400r/min, high speed
400-1200r/min,Special speed over 1200r/min
- C. Dispersing disc type: flat disc sawtooth,trident,
butterfly, other type D. Installation type: floor stand,
platform E. Tank diameter and dispersing disc:3-4:1 F.
Motor and electric:explosion-proof,
common,special requirement G. Motor installation type:
motor output shaft upword or downward.



技术数据
Technical
Specification

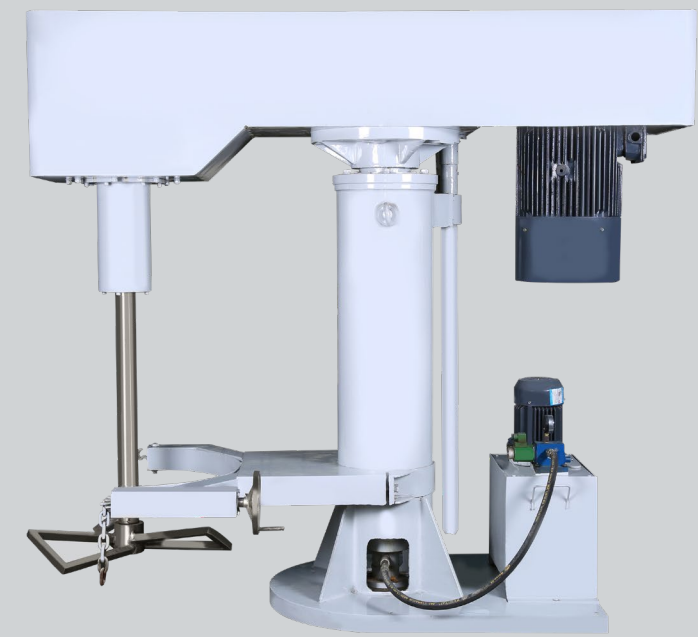
	小型机架 Small Type Frame	F250型机架 Frame Type F250	F350型机架 Frame Type F350	F450型机架 Frame Type F450
主电机功率kw Main motor power	1.5, 2.2, 3, 4	5.5,7.5,11,15	15,18.5,22,30,37	45, 55, 75, 90
分散轴转速r/min Dispersion axis rotational speed	0-1450 125-1250	0-1450 125-1250 1200/2400 1450	0-1450 125-1250 700/1200 1450	0-1450 125-1200 700/1200 1450
泵电机功率kw Pump Motor Power	0.75	1.1	1.5	2.2
升降行程 Travel movements	700	1000	1200	1200-2500
分散盘直径mm Scattered disk diameter	Φ150	Φ200-250	Φ250-350	Φ400-Φ550
重量kg Weight	500	750	1500	3000
外形尺寸长x宽x高 DimensionsL. w. H	1000x500x1400	1800x750x1820	2200x900x2400	3000x1200x3200

DSJ 蝶式搅拌机

BUTTERFLY MIXER

DSJ型蝶式搅拌机是一种高效的搅拌混合设备，属于本公司双轴搅拌机器的改型产品。蝶式搅拌机搅拌器采用三叶蝶式奖叶，广泛使用于高粘度腻子、胶粘剂及胶印油墨等有关化工产品等搅拌与混合工艺。本机型号有DSJ-600，900，1000，1200四种基本型，并可根据用户要求进行非标设计。

DSJ butterfly mixer is a high efficiency mixing equipment based on double shaft mixer improvement. It's equipped with three piece of butterfly blade and widely used in high viscosity putty, adhesive, offset ink and so on. There are four basic type as: DSJ-600, 900, 1000, 1200. Customized design is available for non-standard type.



技术数据
Technical Specification

型号 Model	主电机功率 Main motor power (kw)	主轴转速 Shaft speed (r/min)	升降高度 Lifting Height (mm)	油泵电机 Pump motor (kw)	搅拌容积 Mixing volume (L)	机器 重量 Machine Weight (kg)
DSJ-600	7/11	65/130	900	1.1	100	1500
DSJ-900	14/22	65/130	1000	1.5	200	2000
DSJ-1000	17/26	65/130	1000	1.5	400	2500
DSJ-1200	24/34	65/130	1000	2.2	600	2800
DSJ-1300	30/42	65/130	1100	2.2	800	3500

LS

篮式砂磨机

BASKET SAND MILL

该适用于小批量生产，预分散和研磨可在一个漆浆罐内完成。主轴可以调速，运转平稳，噪音小，附属设备少（换色容易），清洗方便，更换研磨介质容易。

Suitable for small batch of production and the dispersing and grinding can be finished in a tank. The speed of main shaft can be adjustable with steady and smooth running and lower noise, less attached device(change color easily),it is easier to clean and change the grinding medium.



技术数据

Technical Specification

型号 Model	篮球容积 Basket Volume (L)	配套拉缸尺寸 Tank size (L)	电机功率 Motor power (kw)	油泵功率 Pump power (kw)	速度 Speed (rpm)	筛网缝隙 Sieve gap (mm)	研磨介质 Grinding medium
LS3	3	<100	5.5	0.55	0-1450	0.5	氧化锆珠 Zirconia beads
LS10	10	<250	11	0.75	0-1450	0.5	氧化锆珠 Zirconia beads
LS20	20	<500	22	1.1	0-1200	0.5	氧化锆珠 Zirconia beads
LS30	30	<700	30	1.5	0-800	0.5	氧化锆珠 Zirconia beads
LS40	40	<1000	37	1.5	0-800	0.5	氧化锆珠 Zirconia beads

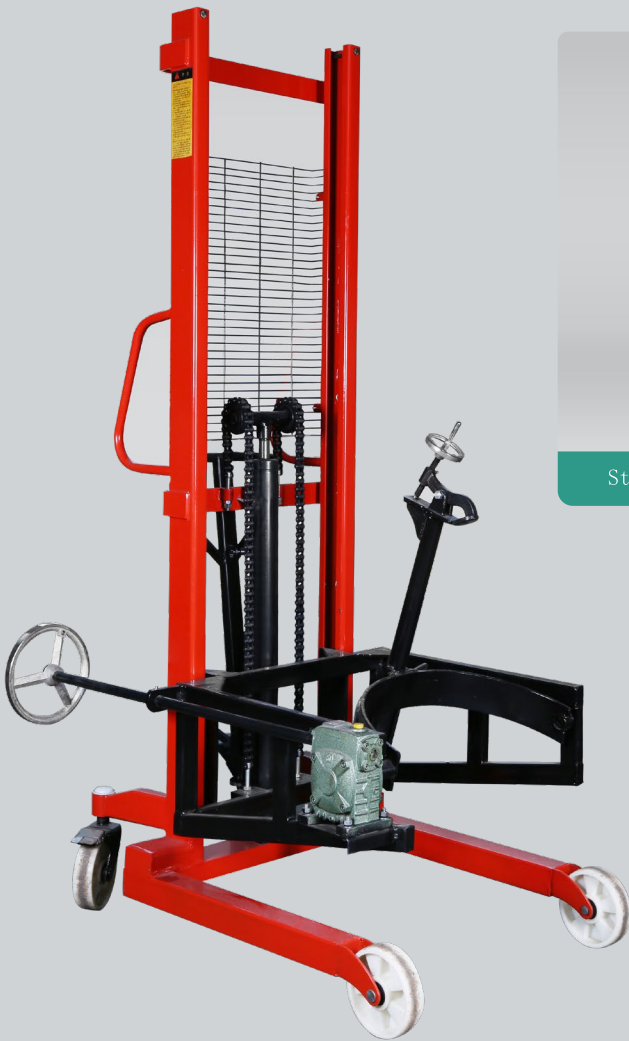
COT

倾倒车

DUMPER

通过液压升降及涡轮减速调节翻转，实现单人操作升降、倒料，大大提高效率、节省人力、更加安全。

It' s equipped with hydraulic and worm gear device to control turn over, one person can operate lifting, dumping material and improving efficiency, saving energy and making safety condition.



技术数据

Technical Specification

型号 Model	额定起重重量 Specified lift weight (kg)	升起高度 Lifting height (mm)	空中翻转度 Rollover degree	整机重量 Weight (kg)	外形尺寸 Overall size (mm)
COT	350	1500	>180°	180	1500x920x2200

SF

实验室中试分散机

LAB. PILOT DISPERSER

产品优势

- 可以实现高速试验分散及砂磨小试两种功能。
- 采用先进的集成电路，实现宽范围速度无级调速。
- 应用数字PID技术，控制精度高。
- 速度数显，一目了然。
- 恒功率、恒转矩输出。

Product advantage

- High speed lab dispersing and small quantity sand milling are available.
- Equipment with advanced integrated circuit to realize wide range of stepless speed adjusting.
- Equipped with digital PID technology with high control precision.
- **Clear** digital display.
- Stable power and torque output.



SF750实验室高速分散机 High Speed Disperser

技术数据

Technical Specification

型号 Model	驱动功率 Power (kw)	可分散容器最大外形尺寸 Max.vessel size (rmm)	叶轮直径 Disc dia. (mm)	升降高度 Lift range (mm)	转速 Speed (r/min)	整机重量 Weight (kg)	外形尺寸 Overall size (mm)
SF400	0.4	100x170	50/60	250	100-8000	30	450x500x800
SF750	0.75	100x170	50/60	220	0-8000	50	450x400x700
SF1500	1.5	345x450	80/100	370	0-8000	100	510x520x1050



GF-1100/2200分散机 High Speed Disperser

技术数据

Technical Specification

型号 Model	电动机型号 Motor model	调速范围 Range of speed (r/min)	分散叶轮直径 Disc of impeller(mm)	升降行程 Range of liting (mm)	整机重量 Weight (kg)	外形尺寸 Overall size (mm)
GF1100	Y90S-2/4 1100w	50-2750/1500	Φ100、Φ120	500/600	128/138	700x610x1400 (50L) 800x710x1500 (100L)
GF1500	Y90S-2/4 1500w	50-2750/1500	Φ120、Φ150	500/600	128/138	
GF2200	Y90S-2/4 2200w	50-2750/1500	Φ120、Φ150	500/600	138/148	



GFB550/750全防爆实验变频分散机 Ex-Proof Lab High Speed Disperser

技术数据

Technical Specification

型号 Model	电动机型号 Motor model	电动机功率 Motor power (kw)	调速范围 Range of speed (r/min)	分散叶轮直径 Diameter of Disc (mm)	砂磨盘直径 Diameter of sandmill plate(mm)	升降行程 Range of liting (mm)	整机重量 Weight (kg)	外形尺寸 Overall size (mm)
GFB550	AEVFXAG03 220V 50Hz	0.55	无极恒力调速 0-3000	Φ50、Φ60	Φ50、Φ60	280	60	580x430x720
GFB750	AEVFXAG03 220V 50Hz	0.75	无极恒力调速 0-3000	Φ50、Φ60	Φ50、Φ60	280	60	580x430x720

常州自力科磨智能装备有限公司为常州自力智能装备有限公司绝对控股的子公司，专注于智能砂磨机技术的研发与应用。

公司继承了母公司先进的制造理念，致力于为客户提供高效、精准的研磨解决方案。凭借强大的研发团队和精密的制造工艺已经成为行业内的佼佼者。

公司的主要产品涵盖卧式砂磨机、卧式中高黏度砂磨机、立式高黏度砂磨机等，广泛应用于油墨、涂料等多个行业。公司采用先进的生产技术和质量管理体系以确保每一台设备的稳定性和可靠性。

面对智能化和自动化的发展趋势，公司一方面持续探索和创新，力求在智能制造领域实现更大的突破，另一方面秉承“质量为本、客户至上”的经营理念，致力于为全球客户提供优质的产品和服务，助力客户提升生产效率和产品质量，共同开拓智能制造的新未来。

Changzhou Zili Kemo Intelligent Equipment Co., Ltd. is an absolutely controlled subsidiary of Changzhou Zili Intelligent Equipment Co., Ltd., focusing on the research, development and application of intelligent bead mill technology.

The company inherits the advanced manufacturing concept of the parent company and is committed to providing customers with efficient and accurate grinding solutions. With a strong R&D team and precise manufacturing technology, it has become a leader in the industry.

The company's main products include horizontal bead mills, horizontal medium and high viscosity bead mills, vertical high viscosity bead mills, etc., which are widely used in inks, coatings and other industries. The company adopts advanced production technology and quality management system to ensure the stability and reliability of each equipment.

In the development trend of intelligence and automation, the company continues to explore and innovate on the one hand, striving to achieve greater breakthroughs in the field of intelligent manufacturing, and on the other hand, adhering to the business philosophy of "quality-oriented, customer first", it is committed to providing high-quality products and services to global customers, helping customers improve production efficiency and product quality, and jointly open up a new future for intelligent manufacturing.

The logo for KEMO, featuring the word "KEMO" in a bold, italicized, sans-serif font. The letters are white and set against a dark teal background. The 'K' and 'M' are particularly prominent due to their bold, blocky design.

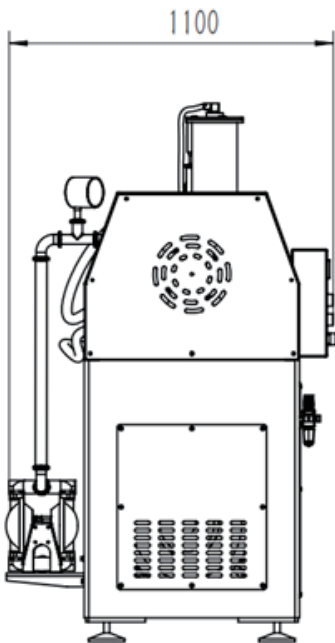
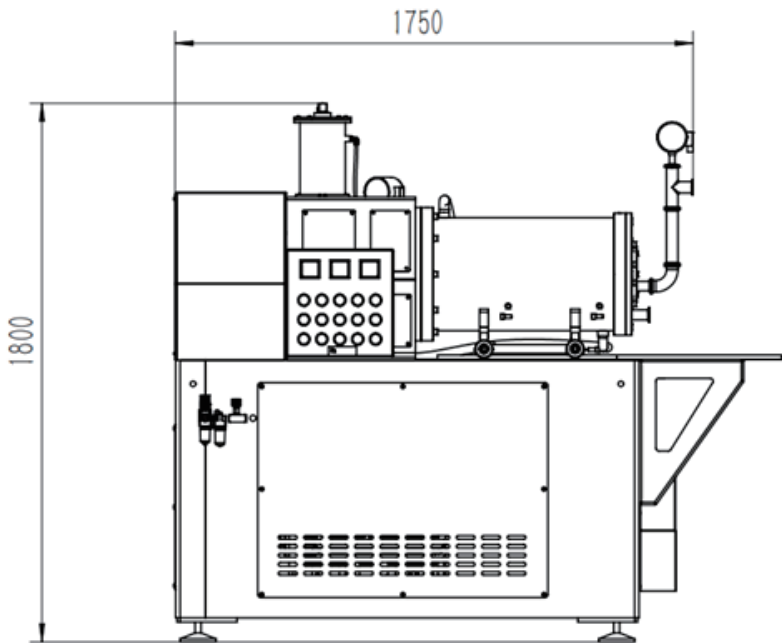
ZLWS 卧式砂磨机 Horizontal Sand Mill

ZLWS卧式砂磨机，采用盘式分散研磨技术，特别针对普通液体油墨、炭黑、工业涂料、汽车漆、乳胶漆、钛白粉等中低黏度物料，具有以下特点：
外套单层冷却，减少成本消耗。
缝隙式动态分离器，具备自洁能力，不易堵塞，寿命长久。
研磨介质直径根据实际应用可选择0.6-2.5mm。
研磨腔和分散盘可根据用户订制为聚氨酯、氧化锆或其它复合材料，实现无金属污染的生产。
产品系列齐全，覆盖面广，技术成熟，质量稳定，客户的长期利益明显。

The ZLWS horizontal sand mill adopts the disc-type dispersion and grinding technology. It is especially suitable for medium and low-viscosity materials such as ordinary liquid inks, carbon black, industrial coatings, automotive paints, latex paints, titanium dioxide, etc., and has the following characteristics:
Single-layer cooling of the outer jacket reduces cost consumption.
The slot-type dynamic separator has self-cleaning ability, is not easy to be blocked, and has a long service life.
The diameter of the grinding medium can be selected from 0.6 to 2.5mm according to the actual application.
The grinding chamber and the dispersion disc can be customized as polyurethane, zirconia or other composite materials according to the user's requirements, enabling metal-free production.
It has a complete product series, a wide coverage range, mature technology, stable quality, and obvious long-term benefits for customers.



技术特点



型号	主机功率	研磨腔容积	主轴转速	产能	外形尺寸
ZLWS5	5.5-11KW	5L	1250	5-100L	L 1350xW1000xH1500
ZLWS10	11-17.5KW	10L	900	40-200L	L 1550xW1100xH1750
ZLWS20	17.5-30KW	20L	750	80-300L	L 1650xW1100xH1750
ZLWS30	37KW	30L	725	120-400L	L 1750xW1100xH1800
ZLWS40	45KW	40L	580	200-500L	L 1850xW1210xH1850

ZLWS

卧式砂磨机

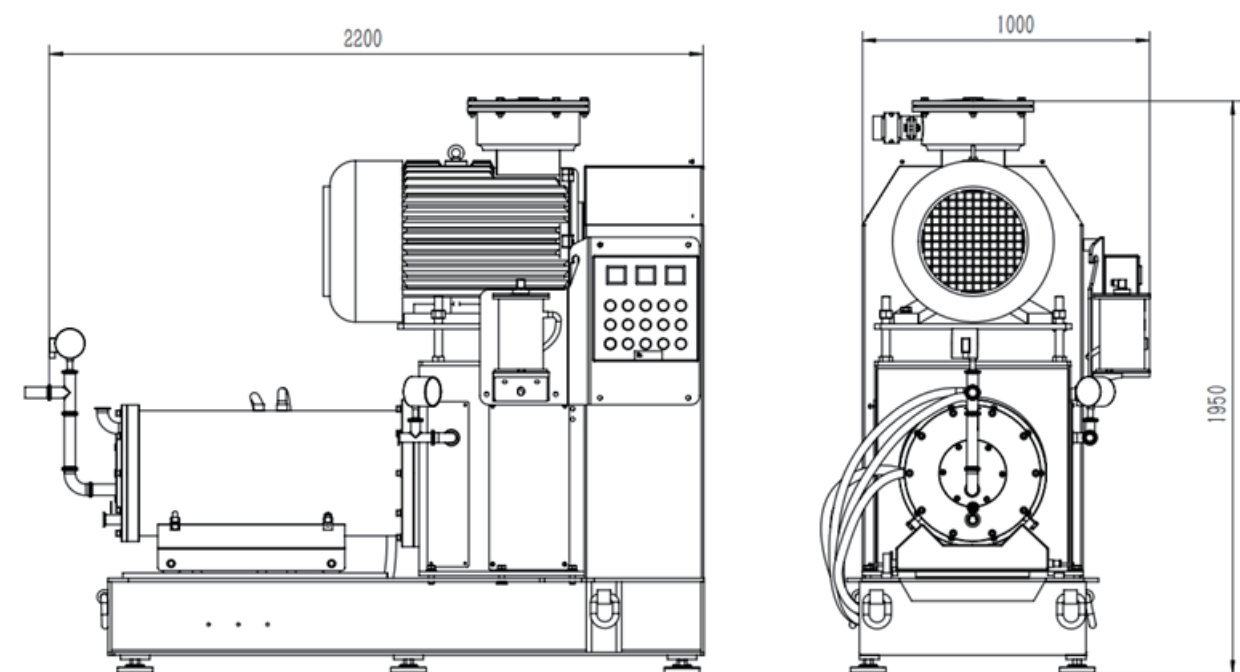
Horizontal Sand Mill

ZLWS卧式砂磨机，特别针对液体油墨(喷墨印刷油墨、凹版油墨、柔性凸版油墨)、汽车修补漆、电子浆料、农药、新兴纳米材料等中低黏度物料，具有以下特点：
采用易于拆装式的离心筛网装置，极大地增加了分离面积，出料更加顺畅，实现大流量生产，维护方便。
研磨介质直径最小可选择0.3-0.5mm。
出料达到纳米级的极致细度。
针对不同物料，可选盘式、异形盘式或齿状分散结构，线速度最高达15m/s 提高了研磨效率和出料质量。双端面机械密封及冷却单元，配有液位监视。研磨腔和分散盘可根据用户订制为碳化硅、氧化铝或聚氨酯等特殊材料，实现无金属污染的生产。



ZLWS Horizontal Sand Mill, specifically designed for medium-to-low viscosity materials in liquid inks (inkjet printing inks, gravure inks, flexographic inks), automotive refinishing coatings, electronic pastes, agrochemicals, and emerging nanomaterials, features the following:
Quick-disassembly centrifugal screen system** - Enhances separation area for smoother discharge, enabling high-throughput production and simplified maintenance.
Grinding media diameter - Selectable down to 0.3-0.5 mm for ultrafine processing.
Nano-scale fineness - Achieves ultimate fineness at the nano scale for refined output.
Adaptable dispersion structures** - Optional disk-type, profiled disk-type, or tooth-type dispersion systems with a maximum linear speed of 15 m/s, enhancing grinding efficiency and product quality.
Double-ended mechanical seal with cooling unit** - Integrated liquid level monitoring for reliable sealing performance.
Customizable components - Grinding chamber and dispersion discs can be tailored using materials like silicon carbide, zirconium oxide, or polyurethane to ensure metal-contamination-free production.

技术特点



型号	主机功率	研磨腔容积	产能	外形尺寸
ZLWS50	45-55KW	50L	300 -800L	L 2100xW1000xH1850
ZLWS70	55K-75W	70L	400-1100L	L 2200xW1000xH1950
ZLWS100	75-90KW	100L	500-2000L	L 2400xW1200xH2000
ZLWS200	110-160KW	200L	800-3000L	L 2550xW1400xH2000

ZLWD

卧式砂磨机

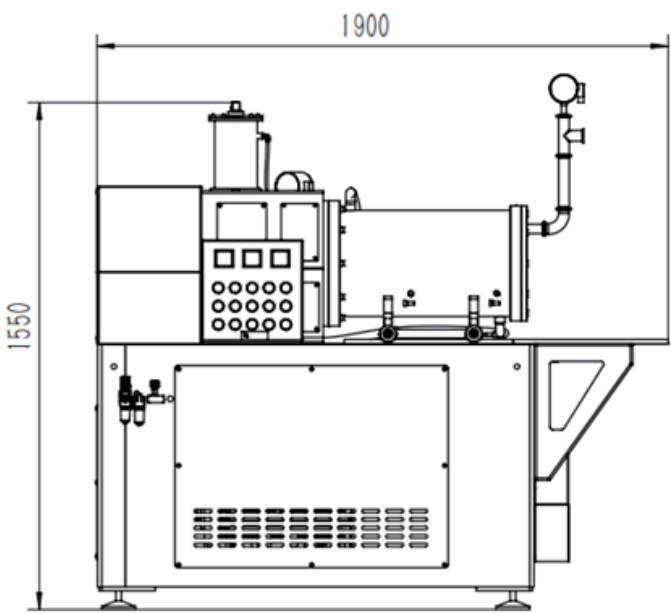
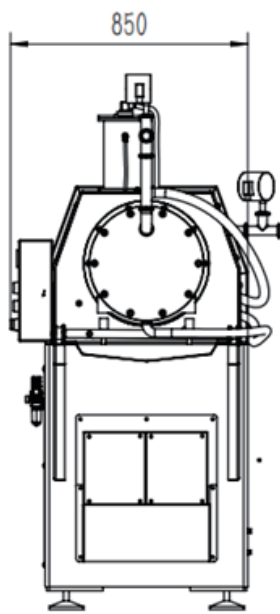
Horizontal Sand Mill

ZLWD卧式砂磨机，采用盘式分散研磨技术，特别针对普通液体油墨、炭黑、工业涂料、汽车漆、乳胶漆、钛白粉等中低黏度物料，具有以下特点：
外套单层冷却，减少成本消耗。
缝隙式动态分离器，具备自洁能力，不易堵塞，寿命长久。
研磨介质直径根据实际应用可选择0.6-2.5mm。
研磨腔和分散盘可根据用户订制为聚氨酯、氧化锆或其它复合材料，实现无金属污染的生产。
产品系列齐全，覆盖面广，技术成熟，质量稳定，客户的长期利益明显。

The ZLWD horizontal sand mill adopts the disc-type dispersion and grinding technology. It is especially suitable for medium and low-viscosity materials such as ordinary liquid inks, carbon black, industrial coatings, automotive paints, latex paints, titanium dioxide, etc., and has the following characteristics:
Single-layer cooling of the outer jacket reduces cost consumption.
The slot-type dynamic separator has self-cleaning ability, is not easy to be blocked, and has a long service life.
The diameter of the grinding medium can be selected from 0.6 to 2.5mm according to the actual application.
The grinding chamber and the dispersion disc can be customized as polyurethane, zirconia or other composite materials according to the user's requirements, enabling metal-free production.
It has a complete product series, a wide coverage range, mature technology, stable quality, and obvious long-term benefits for customers.



技术特点



型号	主机功率	研磨腔容积	产能	外形尺寸
ZLWD20	15KW	15L	50-300L	L 1750xW850xH1550
ZLWD30	22KW	30L	100-500L	L 1900xW850xH1550
ZLWD50	37W	50L	200-800L	L 2200xW850xH1550

ZLWG

卧式中高黏度砂磨机

Horizontal Sand Mill, Middle/High Viscosity

ZLWG卧式砂磨机，采用棒销应用狭缝型分散研磨机理。特别针对浆状油墨（平版胶印油墨、凸版油墨，雕刻凹版油墨，誊写油墨），特殊浆料等高黏度物料，具有以下特点：

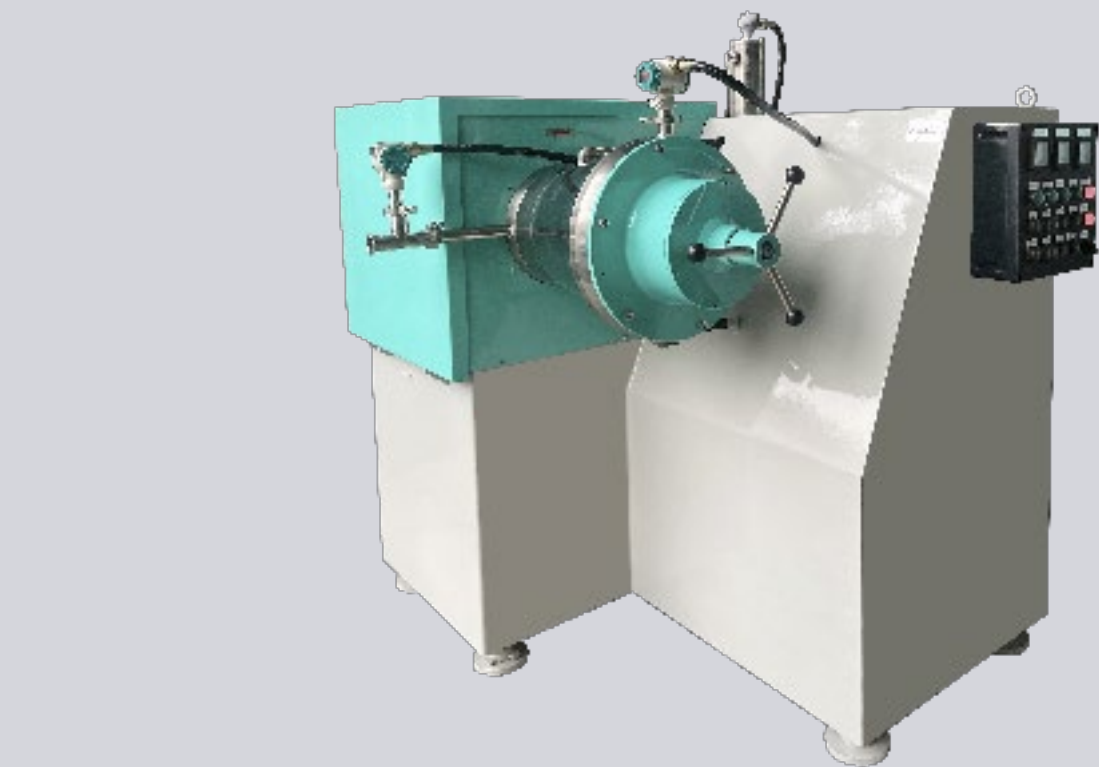
腔体设计有特定锥度，对于高黏度物料，依然保证高产高量。狭缝型研磨机理，产生更为强劲的剪切和挤压效果，物料损耗更少。

转子和定子双重冷却，效力更强，显著降低研磨过程中产生的温度。

研磨介质直径可选择1.2-2.5mm。

出料达到亚微米级的超高细度。

安装有磁通量高达6000G的磁性过滤器，彻底清除研过程中混入的金属杂质。



The ZLWG horizontal sand mill adopts the pin application and the slit-type dispersion and grinding mechanism. It is especially suitable for high-viscosity materials such as paste inks (lithographic offset inks, letterpress inks, engraved gravure inks, stencil inks) and special slurries, and has the following characteristics:

The cavity is designed with a specific taper, which still ensures high production output for high-viscosity materials. The slit-type grinding mechanism generates a more powerful shearing and squeezing effect, resulting in less material loss.

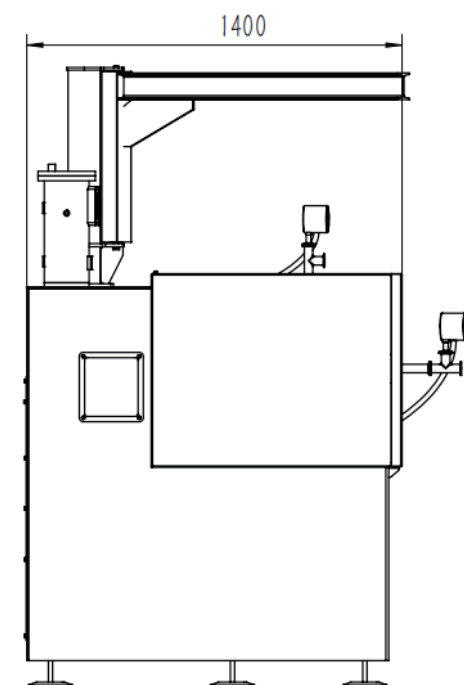
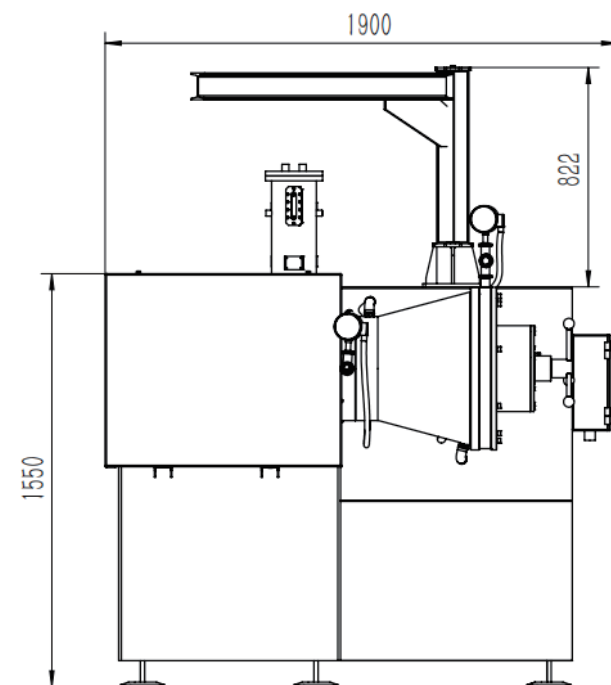
The double cooling of the rotor and the stator has a stronger effect, significantly reducing the temperature generated during the grinding process.

The diameter of the grinding medium can be selected from 1.2 to 2.5mm.

The discharged material reaches an ultra-high fineness at the sub-micron level.

A magnetic filter with a magnetic flux of up to 6000G is installed to thoroughly remove the metal impurities mixed in during the grinding process.

技术特点



型号	主机功率	研磨腔容积	主轴转速
ZLWG5	11-15KW	5L	500
ZLWG14	45KW	14L	340
ZLWG22	55KW	22L	300
ZLWG26	75KW	16L	270

ZLLG

立式高黏度砂磨机

Vertical Sand Mill, High Viscosity

ZLLG系列立式砂磨机，采用棒销式分散研磨方式。特别针对浆状油墨（平版胶印油墨、凸版油墨，雕刻凹版油墨，誊写油墨），特殊浆料等高黏度物料，具有以下特点：

转子和定子双重冷却，效力更强，显著降低研磨过程中产生的温度。

研磨介质直径可选择1.6-2.5mm。

出料达到亚微米级的超高细度。

配备液压驱动的研磨容积调节装置（砂箱），可实现主机的轻载启动，并实时改变能量密度，完成难以分散的任务。

安装有磁通量高达6000G的磁性过滤器，彻底清除研过程中混入的金属杂质。

品质上乘，综合运用多项先进手段，搭配三辊机可实现一条生产线，实属“全能”型产品。



The ZLLG series vertical sand mills adopt the pin-type dispersion and grinding method. They are especially suitable for high-viscosity materials such as paste inks (lithographic offset inks, letterpress inks, engraved gravure inks, stencil inks) and special slurries, and have the following characteristics:

The double cooling of the rotor and the stator has a stronger effect, significantly reducing the temperature generated during the grinding process.

The diameter of the grinding medium can be selected from 1.6 to 2.5mm.

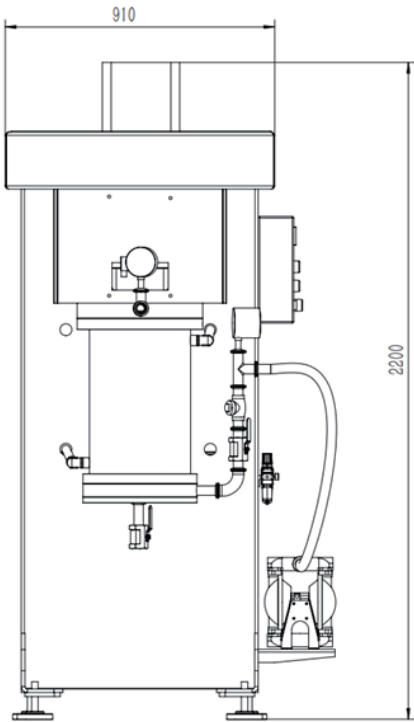
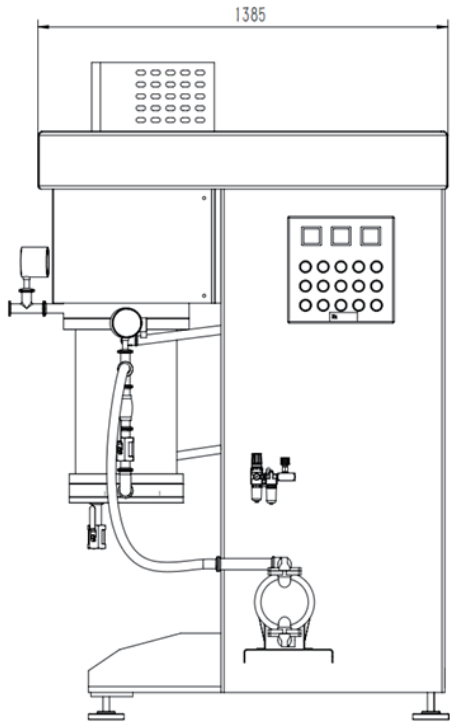
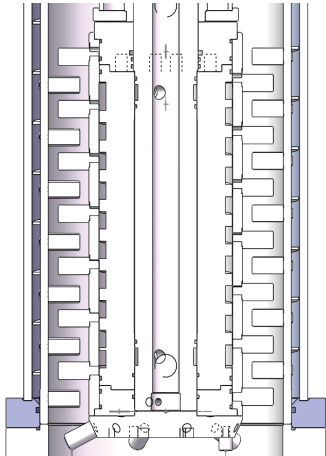
The discharged material reaches an ultra-high fineness at the sub-micron level.

It is equipped with a hydraulically driven grinding volume adjustment device (sand tank), which can realize the light-load start of the main machine, change the energy density in real time, and complete the tasks that are difficult to disperse.

A magnetic filter with a magnetic flux of up to 6000G is installed to thoroughly remove the metal impurities mixed in during the grinding process.

With superior quality, it comprehensively applies a number of advanced methods. When paired with a three-roll mill, it can form a production line, and it is truly an "all-round" product.

技术特点



型号	主机功率	研磨腔容积	产能	外形尺寸
ZLLG16	37-45KW	16L	80-120L	L1350xW800xH1800
ZLLG30	45K-55W	30L	120-150L	L1900xW1100xH2250
ZLLG50	75-90KW	50L	150-180L	L1900xW1200xH2300