



飞龙立体生产线 Flying Dragon Powder Coating Production Line
专利号 Patent No.: ZL 2005 1 0042341.6



POWDER COATING PROCESSING EQUIPMENT

粉末涂料成套设备

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YANTAI LINGYU POWDER MACHINERY CO., LTD
烟台凌宇粉末机械有限公司

高效

High Efficiency

节能

Saving Energy

环保

Environmental Protection

低噪

Low Noise

无尘

No Dust

高自动化

High Automatic



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争创世界名牌

Develop spirit of persistence

Strive for world brand



烟台厂区 YANTAI PLANT



海阳厂区 HAIYANG PLANT

Yantai Lingyu Powder Machinery Co., Ltd, which was founded in 1999, is specialized in researching and manufacturing powder coating processing equipment. It owns abundant technological competences and extensive experience and has developed hundreds of models. The products have been approved European CE certificate by TUV Germany and ATEX anti-explosion certificate by Sira England.

Our aim is "Quality First, Credit First and Users First". We offer our users full range of service, including turn-key project, installation, formulations and all day around follow-up service and guarantee our equipment quality with precise test devices and complete procedures. We enjoy high reputation among our customers with high quality and better service.

At present, Lingyu has become a well-known supplier of powder coating processing equipment both at home and abroad with No.1 market share. Lingyu has successfully exported the equipment to more than 50 countries and regions all over the world. Over the years, Lingyu has established and kept friendly long-term cooperative relationship with many worldwide famous powder coating manufacturers.

We sincerely welcome all customers to our company for a business visit and technical communication.

烟台凌宇粉末机械有限公司成立于 1999 年，专注于研制粉末涂料制粉成套设备，拥有雄厚的技术力量和丰富的实践经验，已研制出上百种不同型号的粉末涂料加工设备，产品通过了德国 TUV 公司的欧洲 CE 安全体系认证，以及英国 Sira 公司的 ATEX 防爆认证。

我公司以“质量第一、信誉第一、用户至上”为宗旨，实行安装调试、粉末涂料配方、全天候售后服务。我公司检测手段精良，售后服务完善，坚持以质量赢客户，以服务赢信誉的原则，深得客户信赖。

目前，凌宇已成为国内外知名的粉末涂料生产设备供应商，市场占用率排名第一。产品畅销国内各地，并顺利出口至全球 50 多个国家和地区，与多家世界著名粉末涂料生产商建立并保持长期合作关系。

我公司热诚欢迎国内外新老用户前来参观研讨、洽谈业务。



YANTAI LINGYU POWDER MACHINERY 烟台凌宇粉末机械

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FLYING DRAGON POWDER COATING PRODUCTION LINE

飞龙薄涂制粉立体生产线

Flying Dragon Powder Coating Production Line is one of our patent products (Patent NO. ZL 2005 1 0042341.6), which is the landmark of powder coating processing technology both inland and abroad. Integrated the compact platform with mixer, extruder, cooling belt and grinder, the full production line can run automatically. Its high efficiency and technology have achieved the international leading level, with different capacity from 100kg/hr to 2,000kg/hr, and the particle size distribution can be adjusted freely at 18-60μm.

飞龙薄涂制粉立体生产线是我公司的发明专利产品（专利号：ZL 2005 1 0042341.6），国内外首创，技术领先，经专家认证已领先于国际水平。整套立体线由混合机、挤出机、压片机和磨粉机组成并自动运行，每小时产量100kg-2,000kg，粒径分布18-60微米可自由调节。

FEATURES:

- High Anti-explosion and safety
- Minimum space occupation
- Automatic feeding system
- Low labor cost
- Adjustable & stable particle size distribution
- Low noise & no pollution
- Fast cleaning and easy color changing
- High automatic operation
- Conformed to European ATEX standard of anti-explosion design system

特点：

- 高防爆性和安全性
- 占地面积少，空间利用率高
- 自动喂料系统
- 降低劳动力成本
- 产品粒径分布可调、稳定
- 噪音低，无污染
- 易于清机换色
- 工作程序自动化
- 符合欧洲ATEX防爆设计系统

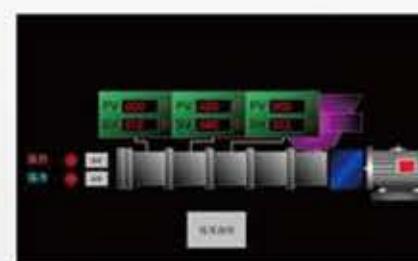
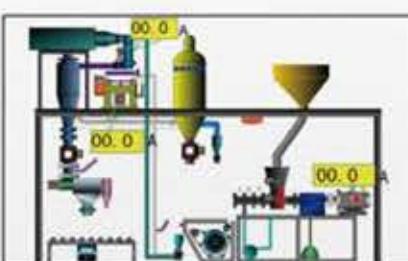
Parameter
参数查看参数

Main Technical Parameter 主要技术参数

Output 产量 (Kg/h)	Mixer 混合机	Extruder 挤出机	Cooling Belt 压片机	Mill 磨粉机
80-120	FHJ-100/PHJ-150	SLJ-35/SLJ-40	YPW-526/YPJ-408/YPR-100	LYF-07
200-300	FHJ-300/PHJ-300	SLJ-50A/SLJ-50B	YPW-640/YPJ-5010/YPR-300	LYF-20
300-500	FHJ-300/PHJ-500	SLJ-50/SLJ-50B	YPW-850/YPJ-5012/YPR-500	LYF-30
500-800	FHJ-600/PHJ-500	SLJ-65	YPW-1070/YPJ-5012/YPR-1000	LYF-45
800-1000	FHJ-1000/PHJ-800	SLJ-75	YPW-1270/YPJ-6012	LYF-60
1000-1500	FHJ-1500	SLJ-95	YPW-1576	LYF-70
Model 型号	Output 产量 (Kg/h)	Area 占地面积 (m ²)	Operator 操作工人	Noise Pollution 噪音、污染
FL-100	80-120	10	1	Low
FL-200	200-300	40-50	1	Low
FL-300	300-500	40-50	1	Low
FL-500	500-800	50-60	1-2	Low
FL-800	800-1000	55-71	1-2	Low
FL-1000	1000-1500	72-80	1-2	Low

Lingyu's particular industrial control system of compact thin film powder coating production line makes the whole production automatically running, during which the particle size can be adjusted, the output be improved & at the mean time the labor cost be reduced.

凌宇粉末独有的薄涂制粉立体线工控系统，完全实现了全程自动化。在生产的过程中随时可调整粒径的大小，提高产量的同时又降低了劳动力成本。



Production Line Cases 生产线案例

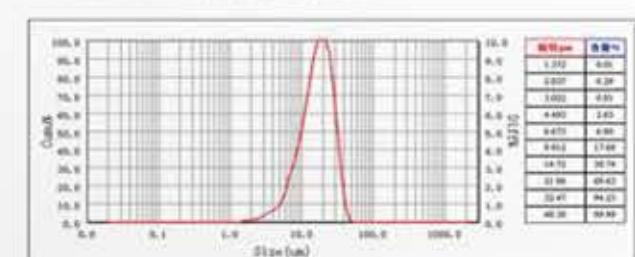


Laser particle size analyzer can acquire related parameters of thin film powder.

- Adopt double lens imported from Japan
- Advanced automatic cyclic dispersion system
- Measure the stability of the thin film fine powder.

激光粒度分布仪可以及时获取薄涂细粉的相关参数

- 采用日本进口双镜头
- 先进的自动循环分散系统
- 测量薄涂细粉系统的稳定性



NORMAL PRODUCTION LINE

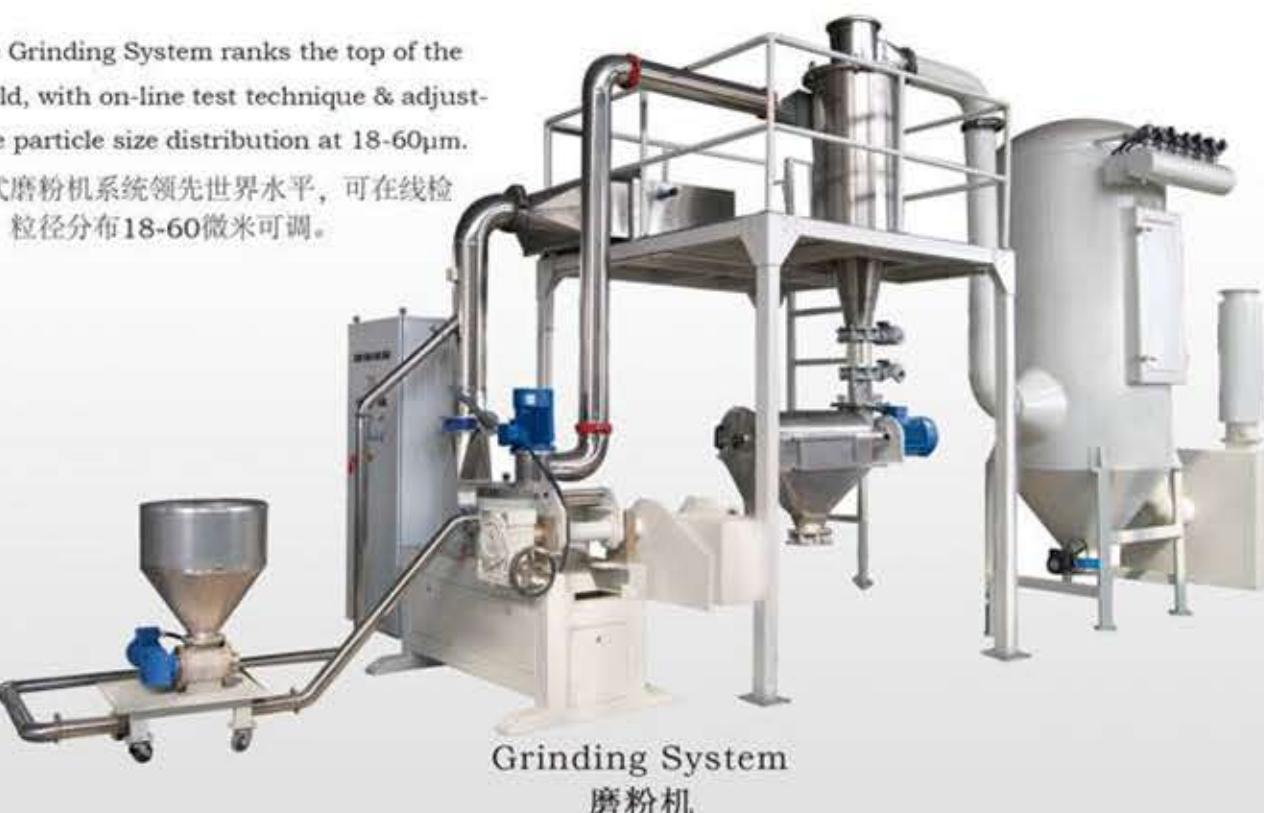
粉末涂料成套生产设备



Container Mixer
罐式自动混合机

The Grinding System ranks the top of the world, with on-line test technique & adjustable particle size distribution at 18-60 μm .

立式磨粉机系统领先世界水平，可在线检测，粒径分布18-60微米可调。



Grinding System
磨粉机



Twin Screw Extruder
双螺杆挤出机

Cooling belt is imported from abroad. The speed of the cooling belt and cooling roller can be adjusted by frequency inverter separately.
进口钢带，压辊、钢带可单独变频调速



Cooling Belt
压片机

NORMAL PRODUCTION LINE

粉末涂料成套生产设备



High Speed Pre-Mixer
高速混合机



Grinding System
磨粉机



Twin Screw Extruder
双螺杆挤出机



Cooling Belt
压片机



FHJ SERIES CONTAINER MIXER FHJ系列罐式自动混合机

This series of container mixer adopts movable container design, can be applied for the mixing of various kinds of powder & granular materials. After the container filled with raw materials, it will be pneumatically lifted & securely connected with the stirring head by the automatic controlling system, the stirring head will tilts together with the container at the same time. Then the mixing blade brings the material into rotary and centrifugal movement with geometrical circle, which ensures optimal mixing result. The container then returns to the starting position after mixing process completes. The whole process adopts PLC controlling system, with homogeneously mixing effect, high production efficiency and no solidified particles.

此系列混合机采用可移动式料斗，适用于各种粉末及粒状材料的混合搅拌。装有待混合原料的料斗推上工位后，自动控制系统将其提升，与搅拌头结合并锁紧。料斗与搅拌头一起翻转，在翻转的过程中，物料在搅拌器内旋转运动，呈几何形状，产生离心运动，保持最佳的混合状态。混合过程完成后，料斗自动回到原工位。整个工作循环使用PLC自动控制。混合均匀，生产效率高，不产生固化颗粒。

Main Technical Parameter 主要技术参数

Model 型号	Volume(L) 装料容积	Mixing Power(kW) 搅拌电机功率	Crushing Power(kW) 破碎电机功率	Tilting Power(kW) 翻转电机功率	Dimension(mm) 外形尺寸
FHJ-150	150	5.5		0.55	1200*1420*2000
FHJ-300	300	11	4	1.1	2400*1700*2600
FHJ-600	600	18.5	5.5	1.1	2700*1800*2950
FHJ-1000	1000	30	7.5	1.5	2900*2000*3300
FHJ-1500	1500	37	7.5	2.2	3300*2200*3400
FHJ-2000	2000	55	7.5	3.0	3500*2400*3600

SPECIFICATION
查看详情



LAB MIXER

实验室混合机



Main Technical Parameter 主要技术参数

Model 型号	Volume(L) 装料容积	Mixer Power(kW) 电机功率	Mixing Time(min) 混合时间	Dimension(mm) 外形尺寸
FHJ-02	2	1.1	3-6	980*800*1300
FHJ-08	8	1.1	3-6	760*410*960

FEATURES:

- Process controlled by PLC, high automation
- Mixing during container tilting
- Homogeneous mixing & high production efficiency
- No leakage and solidified particle
- Pneumatic positioning, clutching and lifting
- Easy to clean and maintain
- Safe to operate
- Multi container set for circular operation, easy to change color

特点:

- 选用自动可编程程序控制器，自动化程度高
- 料斗翻转同时机械搅拌
- 混合均匀，生产力高
- 不漏粉 不固化
- 自动定位，固定，提升
- 易于清洗，维护方便
- 操作安全
- 多料斗连续循环作业，换色方便

ZXL SERIES DISCHARGE STATION

ZXL自动卸料站

New designed discharge station ensure dust free discharge into subsequent units, adopt two kinds of working model: single-level and double-levels.

新型自动卸料设计，确保产品无污染卸入到容器(如挤出机和包装设备等)，可采用双层和单层操作模式。



FEATURES:

- Pneumatic positioning of trolley and container
- Pneumatic coupling of container outlet/downstream unit
- Pneumatic pivot system which automatically opens and closes container outlet
- Pneumatic vibrator to improve discharging efficiency

特点:

- 手推车/料斗气动定位
- 出料口/容器气动连接
- 出料口开/关气动控制
- 震动电机提高卸料效率

PHJ SERIES HIGH SPEED PRE-MIXER

PHJ系列高速混合机

This series of mixer has the function of both mixing and crushing applicable for various powder and solid chemical materials. It adopts advanced sealing design to avoid powder leakage.

该系列混合机集搅拌、破碎于一体，适用于各种粉状、块状固体化工原料混合。该机采用先进密封设计，无粉尘泄露。

Features特点:

- Well-sealed and no leakage and solidification
- Mixing time controlled automatically with short time and homogeneous mixing effect
- Low temperature, high efficiency, easy color change and maintenance
- Safe to operate
- 密封好，无漏粉固化现象
- 混合时间自动控制，时间短且混合均匀
- 温升低、效率高、易于换色维修
- 操作安全



Main Technical Parameter 主要技术参数

Model 型号	Volume 装料容积 (L)	Mixing Time 搅拌时间 (min)	Mixing Power 搅拌电机功率 (kW)	Crushing Power 破碎电机功率 (kW)	Dimension 外形尺寸 (mm)
PHJ-10	10	3-5	1.1	1.1	600*550*880
PHJ-30	30	3-5	3	1.1	700*600*800
PHJ-100	100	3-5	5.5	4.0	1450*1000*1290
PHJ-150	150	3-5	5.5	4.0	1480*1000*1290
PHJ-300	300	3-5	11	5.5	900*1350*1800
PHJ-500	500	3-5	15	7.5	1300*2000*1800
PHJ-800	800	3-5	30	2*5.5	1600*2000*1950
PHJ-1000	1000	3-5	45	2*7.5	1800*2200*2360

SHJ SERIES POST-MIXER

SHJ系列三维均混器

This series of mixer gathers multiple advantages of various mixers. The container can radially rotate to make the materials inside turn rapidly from one side to another, and recycle repeatedly. The central blade is equipped with water cooling system that keeps the material at lower temperature while it is mixed. It is applicable to inflammable, fusible and solidifiable materials, such as herb powder, powder coating and food additive etc.

本机是集多种混合机之优点研制而成，双锥容器可做径向圆周放置使容器中的物料从一侧运动到另一侧，对物料进行多次循环。螺旋芯轴物料搅拌器设有水冷却系统，可使物料保持低温搅拌。本机特别适合用于易固化、易燃、易爆物料的混合，如粉末涂料、食品添加剂等。



Main Technical Parameter 主要技术参数

Model 型号	Mixing Time 混合时间 (min)	Mixing Power 搅拌功率 (kW)	Tilting Power 翻转功率 (kW)	Mixing Weight 混合重量 (Kg)	Dimension 外形尺寸 (mm)
SHJ-500	8-12	5.5	5.5	100-500	2300*1200*2800
SHJ-800	12-15	7.5	7.5	500-800	2800*1600*3000
SHJ-1000	12-15	7.5	7.5	800-1000	3000*1600*3100
SHJ-1500	15-20	11	7.5	1000-1500	3200*1800*3200

BDM SERIES METALLIC BONDING MIXER BDM系列金属粉邦定机

Metallic bonding is a technology of bonding metallic powder to the surface of powder coatings to form the metallic powder coating.

金属粉邦定是指将金属粉粘贴到粉末涂料颗粒表面，形成金属粉末涂料邦定的工艺过程。



FEATURES:

- Container design with double layers, one with chilling water, the other with hot water
- Propeller blade design, easy cleaning and color changing
- Speed controlled by frequency inverter, displaying the temperature of chilling water and hot water in the mixer
- Gas checking and controlling device
- Discharge valve can be controlled automatically
- With control cabinet
- Equipped with nitrogen generator
- Explosion protection system for mixing container

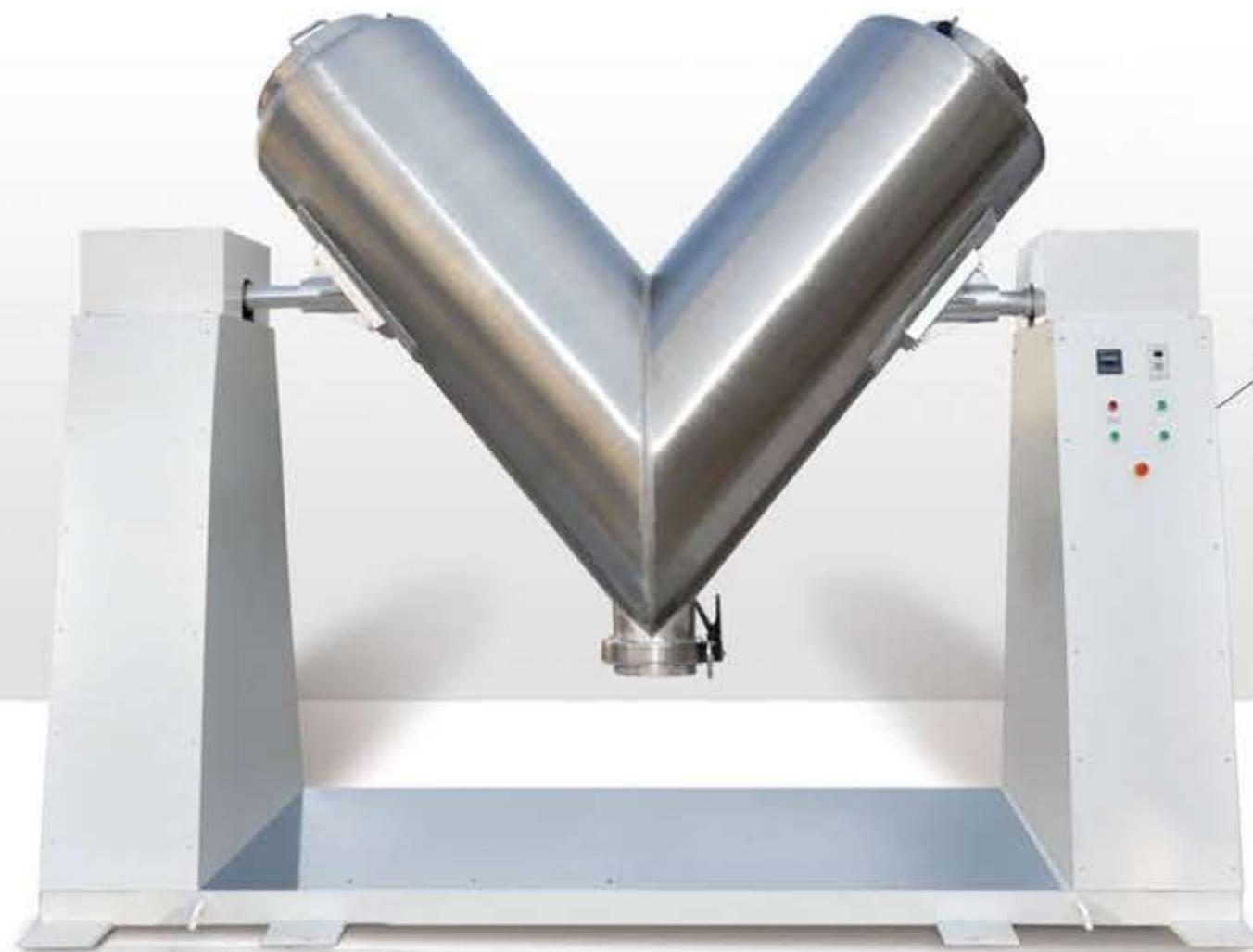
特点:

- 冷热水夹层罐式设计
- 螺旋桨叶结构形式，清机、换色方便
- 邦定电机变频调速，罐体冷热水温度显示
- 气体检测控制装置
- 出料阀自动控制
- PLC触摸屏工控操作系统
- 配置氮气发生器
- 混料罐的防爆炸系统

MAIN TECHNICAL PARAMETER 主要技术参数

Model 型号	BDM-08	BDM-50	BDM-100	BDM-150	BDM-300	BDM-500	BDM-600
Total Volume (L) 总容积	8	50	100	150	300	500	600
Hot Mixing 热混	Time (min) 时间 (分钟)	10-30	10-30	10-30	10-30	10-30	10-30
	Power (kW) 功率 (千瓦)	1.1	7.5	22	37	55	75
Cold Mixing 冷混	Time (min) 时间 (分钟)	5-20	5-20	5-20	5-20	5-20	5-20
	Power (kW) 功率 (千瓦)	1.1	3	5.5	7.5	11	22
Cooling Medium 冷却介质	Chill Water 冰水						
Manufacturing Atmosphere 生产气流	Inert Gas N ₂ 惰性气体N ₂						





VHJ SERIES V TYPE MIXER VHJ系列V型混合机

This series of mixer is widely used in pharmaceutical, chemical, food and other industries. It consists of two asymmetric cylinders to make the materials move vertically and horizontally and adopts gravity mixing technology, with low pressure on materials, high mixing uniformity, and no leakage or dust floating.

此系列混合机广泛应用于制药、化工、食品等行业，由2个不对称筒体组成，物料可作纵横方向流动，本机采用重力混合，对物料压力小，混合均匀度高，无泄露及粉尘飞扬。

FEATURES:

特点：

- Cylinder made of stainless steel, low power consumption, easy to clean and maintenance
- Unique cylinder, homogeneous mixing, high efficiency
- The cylinder is polished both internally and externally, smooth enough to avoid material accumulation
- 采用不锈钢材料制造筒体，功耗小，维护清洁方便
- 筒体结构独特，混合均匀，效率高
- 筒体内外壁抛光，光滑无死角，不积料

Main Technical Parameter 主要技术参数

Model 型号	Volume 容积 (L)	Mixing Time 混合时间 (min)	Mixing Power 搅拌电机 (kW)	Dimension 外形尺寸 (mm)
VHJ-100	100	8-12	2.2	2100X980X1500
VHJ-300	300	8-12	3	2500X1200X1920
VHJ-500	500	8-12	5.5	3460X1600X2580
VHJ-800	800	8-12	7.5	3860X1890X2700
VHJ-1000	1000	8-15	11	4020X2010X2890



Main Technical Parameter 主要技术参数

Model 型号	Output 产量 (Kg/h)	Screw Speed 螺杆转速 (rpm)	L/D Ratio 长径比	Motor Power 主电机功率 (kW)	Heating Power 加热功率 (kW)	Dimension 外形尺寸 (mm)
SLJ-50	400-500	0-800	23:1	37	10	2700*1400*1800
SLJ-65	700-1000	0-800	24:1	75	12	3400*1150*1700
SLJ-75	1000-1500	0-800	21:1	75	16	3400*1150*1800
SLJ-95	1500-2500	0-600	19:1	90	18	3900*1200*2000
SLJ-125	2500-3500	0-600	18:1	132	24	4300*1500*2200

SLJ-H SERIES TWIN SCREW EXTRUDER SLJ-H系列双螺杆挤出机

This series of extruder is an ideal equipment for extruding various chemical materials, with high capacity. The raw material can be mixed homogeneously to achieve excellent dispersed and kneaded effect.

该挤出机产量高，是挤出化学原料的最佳设备，能将各种化工原料充分热融，达到最佳的分散及混炼效果。



Features:

- High precision barrel with modular combination and horizontally opposite open, easy color changing
- Barrel with high efficient heat exchanging and automatic controlling system, no solidification
- Screw elements can be combined freely according to technical requirements
- Screw, barrel and conveying parts are made of special alloy material, to make the machine more durable
- Strong self-cleaning ability, fine shearing and high mixing efficiency
- Gear box equipped with a separate lubrication and cooling system, has advantages of high torque, low noises<60DB, high wear resistance, long life
- With touch screen computer controlling system, safe to operate

特点：

- 高精度螺筒，模块式组合，水平对开，便于清机换色
- 螺筒具有高效热交换及温度自动控制系统，无固化
- 螺杆可根据工艺要求任意组合
- 螺杆、螺筒及传动部件均采用特殊合金材料，使机器耐磨性强
- 自清理能力强，剪切混炼效果优异
- 齿轮箱配备独立润滑及冷却系统，具有高扭矩，低噪音<60DB，高耐磨，使用寿命长等优点
- 触摸屏工控机控制工艺流程，操作安全



SLJ-M SERIES TWIN SCREW EXTRUDER

SLJ-M 系列双螺杆挤出机



This series of extruder adopts co-rotating twin screw structure. Multi kinds of raw materials can achieve optimal dispersed and kneaded effect after fully hot-melted under the precise intermeshing action by the conveying elements and kneading elements mounted on the twin screws.

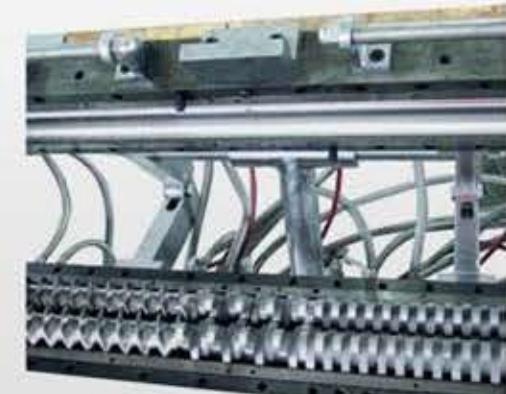
该系列挤出机为双螺杆同向旋转结构。在安装于双螺杆上的螺旋块和混炼块相互精密啮合作用下，将多组分原料充分热融，达到最佳的分散及混炼效果。

Features:

- Barrel horizontally opposite open, easy for color changing and cleaning
- Water-cooled screw, accurately controlled temperature, and no solidification
- Screw elements can be combined freely according to technical requirements
- Screw, barrel and conveying parts are made of nitrogenized special steel to make the machine more durable
- Self-clean, fine shearing and mixing efficiency
- Gear box equipped with a separate lubrication and cooling system, has advantages of high torque, low noise <60DB, high wear resistance, long life
- Safe to operate

特点:

- 螺筒水平对开，便于清机换色
- 螺筒具有高效热交换及温度自动控制系统，无固化
- 螺杆可根据工艺要求任意组合
- 螺杆、螺筒及传动部件均采用特殊合金材料，使机器耐磨性强
- 自清理能力强，剪切混炼效果优异
- 齿轮箱配备独立润滑及冷却系统，具有高扭矩，低噪音<60DB，高耐磨，使用寿命长等优点
- 操作安全



Main Technical Parameter 主要技术参数

Model 型号	Output 产量 (Kg/h)	Screw Speed 螺杆转速 (rpm)	L/D Ratio 长径比	Motor Power 主电机功率 (kW)	Heating Power 加热功率 (kW)	Dimension 外形尺寸 (mm)
SLJ-40	150-200	0-500	20:1	18.5	10	3200*800*1400
SLJ-50A	200-300	0-500	18:1	30	10	2700*1400*1800
SLJ-50B	300-400	0-600	23:1	37	12	3150*1400*2000
SLJ-65A	400-700	0-500	20:1	55	12	3400*1150*1700
SLJ-65B	600-800	0-600	20:1	55	12	3400*1150*1700
SLJ-75A	800-1000	0-500	18:1	75	16	3400*1150*1800
SLJ-75B	900-1200	0-600	21:1	75	16	3400*1150*1800

YPW SERIES WATER COOLING BELT

YPW系列水冷钢带压片破碎机

This series of cooling belt integrates rolling, cooling and crushing functions. The kneaded thermal material discharged from extruder go through the cooling rollers, squeezed into a sheet at the thickness of 1-1.5mm. The sheet is cooled by cooling water and transported to crusher, and then the crusher breaks the sheet into flakes. It covers the whole range from lab to production requirement, which makes it an ideal equipment for chips production.

该系列不锈钢带压片机集辊压、冷却、破碎于一体，将热融状态物料经不锈钢压辊水冷却，及冷水喷淋的不锈钢带输送，破碎成1-2mm厚的片状物料，覆盖了从实验室到生产最大产量的要求，是理想的压片生产设备。



Features:

- High quality imported stainless steel belt
- Material cooled by clean chilled water to avoid pollution.
- High throughput
- Easy for cleaning and maintenance
- Adjustable thickness of chips and speed of conveyor

特点：

- 高品质进口不锈钢带
- 采用清洁冷水冷却物料，防止污染
- 生产率高
- 易于清机和维修
- 压片厚度和压辊钢带速度可调



Main Technical Parameter 主要技术参数

Model 型号	Output 产量 (Kg/h)	Belt Effective Length 钢带有效长度 (mm)	Belt Effective Width 钢带有效宽度 (mm)	Motor Power 主电机功率 (kW)	Dimension 外形尺寸 (mm)
YPW-526	50-100	2600	500	0.75	4000*1200*1600
YPW-640	200-300	4000	600	1.5	5000*1300*1600
YPW-850	400-600	5000	800	2.2	6000*1500*1800
YPW-1070	600-800	7000	1000	2.2	8000*1700*2000
YPW-1270	800-1200	7000	1200	3.0	8000*1900*2000

YPJ SERIES AIR COOLING BELT YPJ系列风冷链板式压片破碎机

This series of cooling belt is composed of cooling rollers, knotty stainless steel band sheet and crusher. The kneaded thermal material discharged from extruder go through the cooling rollers, squeezed into a sheet at the thickness of 1-1.5 mm. It can be equipped with air filtration system and heat exchange system.

该机由压辊、节状不锈钢输送带和破碎辊组成，将挤出机挤出的熔融状物料轧制成 1-1.5mm 片状薄片，可选配有空气过滤，冷热交换系统。



Features:

- Stainless steel belt strips and half-sealed cooling system
- Adjustable thickness and rollers speed
- Roller and crusher equipped with mechanical overload protection; various kinds can meet different output requirements
- Safe to operate

特点：

- 不锈钢链板履带，半封闭冷却系统
- 压片厚度和压辊履带速度可调
- 压辊和破碎设有机械过载保护装置，多种型号可配合不同挤出产量的要求
- 操作安全

Main Technical Parameter 主要技术参数

Model 型号	Output 产量 (Kg/h)	Belt Effective Length 履带有效长度 (mm)	Belt Effective Width 履带有效宽度 (mm)	Roller Diameter 压片辊直径 (mm)	Motor Power 驱动电机功率 (kW)	Fan Power 风扇电机功率 (kW)	Dimension 外形尺寸 (mm)
YPJ-103	30-50	1300	300	106	0.55	0.12	3000*610*800
YPJ-305	60-100	3000	500	130	0.55	0.32	4000*840*920
YPJ-408	150-250	4600	800	159	0.55	0.12	5300*1100*1008
YPJ-5010	250-350	4600	1000	219	1.50	0.12	5300*1380*1330
YPJ-5012	400-600	4600	1200	219	1.50	0.12*2	5000*1380*1008
YPJ-6012	500-800	5800	1200	316	2.20	0.12*2	6300*1380*1108
YPJ-7012	800-1000	6800	1200	418	3.00	0.12*3	6000*1500*1600



YPR SERIES DRUM COOLER

YPR系列辊式压片机

This series of cooling belt is one of our company's patent products. We shorten the traditional long cooling belt and keep the same output, which is a better choice for laboratory and production line.

该系列压片机为我公司专利产品，在保证原来型号的产量的前提下，省去了传统的长冷带，为客户实验、生产提供了更好的选择。

Main Technical Parameter 主要技术参数

Model 型号	Output 产量 (Kg/h)	Big Roller Diameter 大辊直径 (mm)	Small Roller Diameter 小辊直径 (mm)	Belt Width 履带宽 (mm)	Crushing Motor 破碎电机 (kW)	Conveying Motor 输送电机 (kW)	Dimension 外形尺寸 (mm)
YPR-50	40-60	320	130	400	0.2	1.1	855*950*860
YPR-100	80-120	421	155	600	0.75	1.5	1200*1290*950
YPR-200	200-250	600	215	1000	1.1	2.2	1600*1720*1420
YPR-300	250-300	800	131	650	1.1	2.2	1475*1320*1735
YPR-500	400-500	880	240	1000	1.1	3.0	1800*1986*1530
YPR-1000	600-800	1000	240	1300	1.5	3.0	2300*2150*1840

Features:

- Compact design, short length
- Easy to clean
- Low use cost
- Very good cooling effect

特点:

- 节省空间，长度短
- 易清机换色
- 使用成本低
- 冷却效果好



LYF SERIES GRINDING SYSTEM

LYF 系列立式磨粉机

This series of grinding system has functions of high-speed crushing, air classifying, double cyclone separating, screening, fine powder collecting and etc., with noise $\leq 80\text{DB}$. Best Particle size distribution with particle size which can be adjusted freely at 18~60 μm . It is the best grinding equipment for solid powder, which can be used in grinding of pigment, medicine and food. This series grinding system has been evaluated by international authorities organs for ATEX anti-explosion performance, and has good anti-explosion design and explosion resistance performance.

LYF 系列立式磨粉机具有高速粉碎、气流分级、双旋风分离、筛粉及超细粉收集等功能。噪声 $\leq 80\text{DB}$ 。粒径范围18 μm ~60 μm 可自由调节，粒径分布最佳。可用于颜料、药品以及食品的粉碎，是固体粉末的最佳粉碎设备。该系列磨粉机由国际授权机构进行了ATEX 防爆性能评估，具有优良的防爆设计和抗爆性能。

Features:

- Low noise
- Adjustable particle size distribution
- High output
- Temperature monitoring of mill
- High recovery, $\geq 98\%$
- Easy for cleaning and maintenance
- Meeting the standard of European ATEX anti-explosion design
- Safe to operate

特点:

- 噪声低
- 粒径分布自由可调
- 产量高
- 磨体温度监控
- 回收率高, $\geq 98\%$
- 易于清机和维修
- 符合欧洲ATEX 防爆设计标准
- 操作安全



Main Technical Parameter 主要技术参数

Model 型号	Output 产量 (Kg/h)	Mill Speed 主磨转速 (rpm)	Motor Power 主电机功率 (kW)	Classifier Motor 副磨电机功率 (kW)	Fan Power 引风机功率 (kW)	Dimension 外形尺寸 (mm)
LYF-10	150~200	7000	7.5	1.5	7.5	6000*2000*2200
LYF-20	250~350	6000	15	3	18.5	7000*2800*3000
LYF-30	350~500	5600	18.5	4	22	8000*2800*3000
LYF-45	500~600	5600	22	4	37	9000*3500*3500
LYF-60	800~1200	4800	37	5.5	55	10000*3500*3500
LYF-70	1000~1500	4800	37	5.5	75	11000*3500*3500

LAB TWIN SCREW EXTRUDER 实验室双螺杆挤出机

This series of extruder adopts novel design and compact structure. It is an ideal equipment for developing new product, powder coating technologies and adjusting colors as well, whose kneading effect can be comparable to that of the large scale machine.

该系列挤出机设计新颖，结构紧凑合理，集挤出、压片于一体，其混炼效果可与大机媲美，是研制粉末涂料生产工艺，品种开发，校色的理想设备。

Features :

- Gear box equipped with a separate lubrication and cooling system, has advantages of high torque, low noises≤60DB, high wear resistance, long life
- Low maintenance rate
- Comparable with European similar equipment

特点：

- 齿轮箱配备独立润滑及冷却系统，具有高扭矩，低噪音≤60DB，高耐磨，使用寿命长等优点
- 维修率低
- 可与欧洲同类设备相媲美



Main Technical Parameter 主要技术参数

Model 型号	Output 产量 (Kg/h)	Screw Speed 螺杆转速 (rpm)	L/D Ratio 长径比	Motor Power 主电机功率 (kW)	Heating Power 加热功率 (kW)	Dimension 外形尺寸 (mm)
SLJ-20	10-15	0-500	23:1	4	2.2	1900*700*1400
SLJ-25A	10-30	0-500	21:1	4	2.6	1900*700*1400
SLJ-25B	20-50	0-800	24:1	4	2.6	1900*700*1400
SLJ-35	80-120	0-500	20:1	15	8	3000*800*1400

LAB GRINDING SYSTEM 实验室磨粉机



This series of grinding system is mainly used to make small sample and pilot sample in lab, in order to acquire the best formula and technical parameters in production. It adopts the newest technology in grinding craft, mechanical drive & structure, control system and etc.

Features:

- Small volume, low noise
- Synchronization with production equipment in particle size
- Reflect the actual formula effect
- Imitable operating parameter of production grinding system
- Easy for cleaning and maintenance
- Safe to operate

该系列磨粉机主要用于在实验室制做粉末样品以及中试样品，以获得最佳配方和生产工艺参数。在磨粉工艺、机械传动及结构、以及控制系统等方面都采用了最新技术。

特点：

- 体积小，低噪音
- 小试、中试粒径可与大型生产设备同步
- 准确真实的显现配方效果
- 可模拟生产型磨粉机的运行参数
- 易于清机和维护
- 操作安全可靠



Lab Mini Mill
实验室微型粉碎机

Main Technical Parameter 主要技术参数

Model 型号	Output 产量 (Kg/h)	Mill Speed 主磨转速 (rpm)	Motor Power 主电机功率 (kW)	Classifier Motor 副磨电机功率 (kW)	Fan Power 引风机功率 (kW)	Dimension 外形尺寸 (mm)
LYF-02	5~30	18000	2.2	0.75	2.2	1600*1600*2000
LYF-05	30~50	9000	4	0.75	4	1900*1500*2200
LYF-07	80~120	8000	4	0.75	5.5	2100*1600*2200

ELECTROSTATIC POWDER SPRAY GUN

静电粉末喷枪

This series of spray gun is widely used in powder coating applications, with full range from lab to production, from manual to automatic.

该系列喷枪广泛应用于粉末喷涂领域，从实验室到生产，从自动到手动，一应俱全。



Features:

- With continuous, homogeneous spraying powder and high atomization quality
- Using integrated circuit, stable and reliable
- Low static loss and high powder rate
- Equipped with specialized cleaning air blow gun

特点：

- 出粉连续、均匀、雾化优
- 采用集成电路，工作稳定可靠
- 静电损耗低，上粉率高
- 配置专门清理吹气枪



COATING PRODUCTION LINE

涂装生产线

The coating production line can be tailored made according to customers' requirement and construction site, to implement one-stop service with research & development, design, production, installation, after-sales service.



SPARE PARTS 配件服务

Providing spare parts for all kinds of powder coating processing equipment in long-term. And can provide tailored made spare parts according to customers requirement. Ensure advanced craft, good materials and high precision.

长期稳定提供各类粉末设备的配件，并可根据客户要求特殊定制，保证先进工艺，优良材质，高精确度。

