POWDER COATING
PROCESSING EQUIPMENT

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飞龙立体生产线 Flying Dragon Powder Coating Production Line
专利号 Patent No.: ZL 2005 1 0042341.6
发扬愚公精神
争创世界名牌

Develop spirit of persistence
Strive for world brand
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.
Enterprise Qualification
FLYING DRAGON POWDER COATING PRODUCTION LINE

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 1000kg/hr to 2,000kg/hr, and the particle size distribution can be adjusted freely at 18-60μm.

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

Features:
- 高防爆性和安全性
- 地面面积少，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
- 易于清洗和更换
- 工作程序自动化
- 符合欧洲ATEX防爆设计系统
### Main Technical Parameter 主要技术参数

<table>
<thead>
<tr>
<th>Output</th>
<th>Mixer 混合机</th>
<th>Extruder 挤出机</th>
<th>Cooling Belt 冷却机</th>
<th>Mill 磨机</th>
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<tbody>
<tr>
<td>80-120</td>
<td>FHJ-100/PHJ-160</td>
<td>SLJ-35/SLJ-40</td>
<td>YPW-526/YPJ-406/YPF-100</td>
<td>LYF-07</td>
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<td>200-300</td>
<td>FHJ-300/PHJ-300</td>
<td>SLJ-50A/SLJ-50B</td>
<td>YPW-640/YPJ-5010/YPF-300</td>
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<td>SLJ-56/SLJ-56B</td>
<td>YPW-850/YPJ-5012/YPF-500</td>
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<td>YPW-1270/YPJ-9012</td>
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<table>
<thead>
<tr>
<th>Model 型号</th>
<th>Output 产量 (Kg/h)</th>
<th>Area 占地面积 (m²)</th>
<th>Operator 操作工人</th>
<th>Noise Pollution 噪音、污染</th>
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<tr>
<td>FL-100</td>
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<td>40-50</td>
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<td>Low</td>
</tr>
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<td>FL-800</td>
<td>800-1000</td>
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<td>FL-1000</td>
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<td>72-80</td>
<td>1-2</td>
<td>Low</td>
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</table>

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 can be improved & at the mean time the labor cost be reduced.

The whole control system is fully automated. In the process of production, the size of the particles can be adjusted, the output can be improved, and the labor cost can be reduced.

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

Laser particle size analyzer can acquire related parameters of thin film powder.
- Advanced automatic cyclic dispersion system
- Measure the stability of the thin film fine powder
NORMAL PRODUCTION LINE

Container Mixer

The Grinding System ranks the top of the world, with on-line test technique & adjustable particle size distribution at 18-60μm. 立式磨粉机系统领先世界水平，可在线检测，粒径分布18-60μm可调。

Grinding System

Cooling Belt is imported from abroad. The speed of the cooling belt and cooling roller can be adjusted by frequency inverter separately. 进口输送带、压片、冷却可单独变频调速

Twin Screw Extruder

Cooling Belt

双螺杆挤出机

压片机
NORMAL PRODUCTION LINE

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 tilt 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装入工位后，自动控制系统将其提升，与搅拌头结合并紧紧，料斗与搅拌头一起翻转。在翻转过程中，物料在搅拌筒内旋转运动，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

<table>
<thead>
<tr>
<th>Model</th>
<th>Volume(L)</th>
<th>Mixing Power(kW)</th>
<th>Crushing Power(kW)</th>
<th>Tilting Power(kW)</th>
<th>Dimension(mm) 外形尺寸</th>
</tr>
</thead>
<tbody>
<tr>
<td>FHJ-150</td>
<td>150</td>
<td>5.5</td>
<td></td>
<td>0.55</td>
<td>1200<em>1420</em>2000</td>
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<tr>
<td>FHJ-350</td>
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<td>1.1</td>
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<td>FHJ-600</td>
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<td>1.1</td>
<td>2700<em>1800</em>2950</td>
</tr>
<tr>
<td>FHJ-1000</td>
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<td>30</td>
<td>7.5</td>
<td>1.5</td>
<td>2900<em>2000</em>3300</td>
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<tr>
<td>FHJ-1500</td>
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<td>37</td>
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<td>2.2</td>
<td>3300<em>2200</em>3400</td>
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<tr>
<td>FHJ-2000</td>
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<td>55</td>
<td>7.5</td>
<td>3.0</td>
<td>3500<em>2400</em>3600</td>
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</tbody>
</table>
**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

**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

**ZXL Series Discharge Station**

New designed discharge station ensure dust free discharge into subsequent units, adopt two kinds of working model: single-level and double-levels. The automatic discharging design ensures safety and security. The station can be used for multiple working modes, such as single, double, and batch discharging. It is designed with a high degree of automation and can be easily operated and maintained.

**Main Technical Parameter**

<table>
<thead>
<tr>
<th>Model</th>
<th>Volume(L)</th>
<th>Mixer Power(kW)</th>
<th>Mixing Time(min)</th>
<th>Dimension(mm)</th>
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<tr>
<td>FH1-02</td>
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<td>1.1</td>
<td>3-6</td>
<td>760<em>410</em>960</td>
</tr>
</tbody>
</table>

**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

**Features:**
- Pneumatic positioning of trolley and container
- Pneumatic coupling of container outlet/downstream unit
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- Process controlled by PLC, high automation
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- 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

**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
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.

The series of mixing equipment is a comprehensive entity, suitable for a wide range of solid materials, uniform mixing and crushing. This series is designed with advanced sealing to prevent powder leakage.

Features:

- 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
- Smooth and noiseless operation
- Smart operation, easy to operate and maintain
- Safe and reliable operation

Main Technical Parameter

<table>
<thead>
<tr>
<th>Model</th>
<th>Volume (L)</th>
<th>Mixing Time</th>
<th>Mixing Power</th>
<th>Crushing Power</th>
<th>Dimension (mm)</th>
</tr>
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<tbody>
<tr>
<td>PHJ-10</td>
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<td>1.1</td>
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<tr>
<td>PHJ-30</td>
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<td>3-5</td>
<td>3</td>
<td>1.1</td>
<td>760<em>600</em>800</td>
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<td>4.0</td>
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<td>3-5</td>
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<td>4.0</td>
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<td>3-5</td>
<td>11</td>
<td>5.5</td>
<td>900<em>1350</em>1800</td>
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<td>PHJ-500</td>
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<td>3-5</td>
<td>15</td>
<td>7.5</td>
<td>1300<em>2000</em>1800</td>
</tr>
<tr>
<td>PHJ-800</td>
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<td>3-5</td>
<td>30</td>
<td>2*7.5</td>
<td>1600<em>2600</em>1950</td>
</tr>
<tr>
<td>PHJ-1000</td>
<td>1000</td>
<td>3-5</td>
<td>45</td>
<td>2*7.5</td>
<td>1800<em>2250</em>2360</td>
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</tbody>
</table>

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 a water cooling system that keeps the material at lower temperature while it is mixed. It is applicable to inflammable, explosive, and solidifiable materials, such as herb powder, powder coating, and food additive etc.

The series of mixing equipment is a comprehensive entity, suitable for a wide range of solid materials, uniform mixing and crushing. This series is designed with advanced sealing to prevent powder leakage.

Main Technical Parameter

<table>
<thead>
<tr>
<th>Model</th>
<th>Mixing Time (min)</th>
<th>Mixing Power (W)</th>
<th>Tilting Power (W)</th>
<th>Mixing Weight (kg)</th>
<th>Dimension (mm)</th>
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<td>SHJ-500</td>
<td>8-12</td>
<td>5.5</td>
<td>5.5</td>
<td>100-500</td>
<td>2300<em>1200</em>2800</td>
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<tr>
<td>SHJ-800</td>
<td>12-15</td>
<td>7.5</td>
<td>7.5</td>
<td>500-800</td>
<td>2800<em>1600</em>3000</td>
</tr>
<tr>
<td>SHJ-1000</td>
<td>12-15</td>
<td>7.5</td>
<td>7.5</td>
<td>800-1000</td>
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<td>7.5</td>
<td>1000-1500</td>
<td>3200<em>1800</em>3200</td>
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</table>
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.

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

Features:
- 冷热水夹层式设计
- 碾压桨叶结构形式，耐热，换色方便
- 邦定电机变频调速，筒体冷热水温度显示
- 气体检测控制装置
- 出料阀自动控制
- PLC触摸屏控操作系统
- 配置氮气发生器
- 混料罐的防爆装置

Main Technical Parameter 主要技术参数

<table>
<thead>
<tr>
<th>Model 型号</th>
<th>BDM-60</th>
<th>BDM-50</th>
<th>BDM-100</th>
<th>BDM-150</th>
<th>BDM-300</th>
<th>BDM-500</th>
<th>BDM-600</th>
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<td>50</td>
<td>100</td>
<td>150</td>
<td>300</td>
<td>500</td>
<td>600</td>
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<tr>
<td>Hot Mixing 暖混</td>
<td>Time (min) 时间 (min)</td>
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<td>10-30</td>
<td>10-30</td>
<td>10-30</td>
<td>10-30</td>
<td>10-30</td>
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<tr>
<td>Power (KW) 功率 (KW)</td>
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<td>37</td>
<td>55</td>
<td>75</td>
<td>90</td>
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<tr>
<td>Cold Mixing 冷混</td>
<td>Time (min) 时间 (min)</td>
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<td>5-20</td>
<td>5-20</td>
<td>5-20</td>
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</tr>
<tr>
<td>Power (KW) 功率 (KW)</td>
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<td>3</td>
<td>5.5</td>
<td>7.5</td>
<td>11</td>
<td>22</td>
<td>22</td>
</tr>
<tr>
<td>Cooling Medium 冷却介质</td>
<td>Chill Water 冰水</td>
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<tr>
<td>Manufacturing Atmosphere 生产气氛</td>
<td>Inert Gas N2 惰性气体N2</td>
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</table>
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个不对称圆筒组成，物料可作螺旋方向流动，本机采用重力混合，对物料压力小，混合均匀度高，无泄漏及粉尘飞扬。

Main Technical Parameter 主要技术参数

<table>
<thead>
<tr>
<th>Model</th>
<th>Volume</th>
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<th>Mixing Power</th>
<th>Dimension</th>
</tr>
</thead>
<tbody>
<tr>
<td>VHJ-100</td>
<td>100</td>
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<td>2.2</td>
<td>3100X800X1500</td>
</tr>
<tr>
<td>VHJ-500</td>
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<td>8-12</td>
<td>3</td>
<td>2500X1200X1920</td>
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<tr>
<td>VHJ-500</td>
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<td>8-12</td>
<td>5.5</td>
<td>3460X1800X2580</td>
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<td>8-15</td>
<td>11</td>
<td>4020X2010X2880</td>
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</table>
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，是挤出化工原料的最佳设备，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 noise≤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
- 螺筒、螺杆及传动部件均采用特殊合金材料，使机器耐磨性强
- 自润滑能力强，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，高耐热，使用寿命长等优点
- 触摸屏控制系统控制工艺流程，操作安全

<table>
<thead>
<tr>
<th>Model</th>
<th>Output Capacity (Kg/h)</th>
<th>Screw Speed (rpm)</th>
<th>LD Ratio</th>
<th>Motor Power (kW)</th>
<th>Heating Power (kW)</th>
<th>Dimension (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SLJ-50</td>
<td>400-500</td>
<td>0-800</td>
<td>23:1</td>
<td>37</td>
<td>10</td>
<td>2700<em>1400</em>1800</td>
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<tr>
<td>SLJ-85</td>
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<td>0-800</td>
<td>21:1</td>
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<td>3400<em>1150</em>1800</td>
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<tr>
<td>SLJ-95</td>
<td>1500-2500</td>
<td>0-600</td>
<td>19:1</td>
<td>90</td>
<td>18</td>
<td>3900<em>1200</em>2000</td>
</tr>
<tr>
<td>SLJ-125</td>
<td>2500-3500</td>
<td>0-600</td>
<td>18:1</td>
<td>132</td>
<td>24</td>
<td>4300<em>1500</em>2200</td>
</tr>
</tbody>
</table>
SLJ-M SERIES TWIN SCREW EXTRUDER
SLJ-M系列双螺杆挤出机

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 nitrocarburized 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，便于颜色更换
- 螺杆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
- 自清洁能力强，剪切混炼效果优异
- 采用独立螺杆及冷却系统，具有高扭距，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

<table>
<thead>
<tr>
<th>Model</th>
<th>Output (Kg/h)</th>
<th>Screw Speed (rpm)</th>
<th>L/D Ratio</th>
<th>Motor Power (kW)</th>
<th>Heating Power (kW)</th>
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<tbody>
<tr>
<td>SLJ-40</td>
<td>150-200</td>
<td>0-500</td>
<td>20:1</td>
<td>15.5</td>
<td>10</td>
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<tr>
<td>SLJ-50A</td>
<td>200-300</td>
<td>0-500</td>
<td>18:1</td>
<td>10</td>
<td>12</td>
</tr>
<tr>
<td>SLJ-50B</td>
<td>300-400</td>
<td>0-600</td>
<td>23:1</td>
<td>15</td>
<td>12</td>
</tr>
<tr>
<td>SLJ-65A</td>
<td>400-700</td>
<td>0-500</td>
<td>20:1</td>
<td>15</td>
<td>12</td>
</tr>
<tr>
<td>SLJ-65B</td>
<td>500-800</td>
<td>0-600</td>
<td>20:1</td>
<td>15</td>
<td>12</td>
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<tr>
<td>SLJ-75A</td>
<td>800-1200</td>
<td>0-600</td>
<td>18:1</td>
<td>15</td>
<td>16</td>
</tr>
<tr>
<td>SLJ-75B</td>
<td>900-1200</td>
<td>0-600</td>
<td>21:1</td>
<td>15</td>
<td>16</td>
</tr>
</tbody>
</table>

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，将多组分原料充分混炼，达到最佳的分散及混炼效果。
YPW SERIES WATER COOLING BELT

YPW系列水冷带压片破碎机

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捏压、冷却、破碎于一体，将热融状态物料经不锈钢带压水冷却，及冷却喷淋的不锈钢带输进，破碎成1-1.5mm厚的片状物料，涵盖了从实验室到生产量大产量的需求，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
- 采用清洁冷水压紧物料，防止污染
- 生产率高
- 易于清洁和维修
- 压片厚度和压紧带速度可调

Main Technical Parameter 主要技术参数

<table>
<thead>
<tr>
<th>Model 型号</th>
<th>Output 产量 (Kg/h)</th>
<th>Belt Effective Length 钢带有效长度 (mm)</th>
<th>Belt Effective Width 钢带有效宽度 (mm)</th>
<th>Motor Power 主电机功率 (KW)</th>
<th>Dimension 外形尺寸 (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>YPW-526</td>
<td>50-100</td>
<td>2800</td>
<td>500</td>
<td>0.75</td>
<td>4000<em>1200</em>1800</td>
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<tr>
<td>YPW-840</td>
<td>200-300</td>
<td>4000</td>
<td>600</td>
<td>1.5</td>
<td>5000<em>1300</em>1800</td>
</tr>
<tr>
<td>YPW-850</td>
<td>400-600</td>
<td>5000</td>
<td>800</td>
<td>2.2</td>
<td>6000<em>1500</em>1800</td>
</tr>
<tr>
<td>YPW-1070</td>
<td>600-800</td>
<td>7000</td>
<td>1000</td>
<td>2.2</td>
<td>8000<em>1700</em>2000</td>
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<td>YPW-1270</td>
<td>800-1200</td>
<td>7000</td>
<td>1200</td>
<td>3.0</td>
<td>8000<em>1900</em>2000</td>
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</tbody>
</table>
YPJ SERIES AIR COOLING BELT
YPJ系列风冷链板式压片破碎机

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:
- 不锈钢链板带，半封闭冷却系统
- 厚度可调
- 压轮和破碎设备为机械过载保护装置，多种型号可配合不同产量的要求
- 操作安全

Main Technical Parameter 主要技术参数

<table>
<thead>
<tr>
<th>Model</th>
<th>Output (Kg/h)</th>
<th>Belt Effective Length (mm)</th>
<th>Belt Effective Width (mm)</th>
<th>Roller Diameter (mm)</th>
<th>Motor Power (kW)</th>
<th>Fan Power (kW)</th>
<th>Dimension (mm)</th>
</tr>
</thead>
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<tr>
<td>YPJ-103</td>
<td>30-50</td>
<td>1300</td>
<td>300</td>
<td>106</td>
<td>0.55</td>
<td>0.12</td>
<td>300<em>610</em>860</td>
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<tr>
<td>YPJ-305</td>
<td>60-100</td>
<td>3000</td>
<td>500</td>
<td>130</td>
<td>0.55</td>
<td>0.32</td>
<td>400<em>840</em>920</td>
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<tr>
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<td>800</td>
<td>159</td>
<td>0.55</td>
<td>0.12</td>
<td>530<em>1100</em>1008</td>
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<td>YPJ-5010</td>
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<td>1000</td>
<td>219</td>
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<td>0.12</td>
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<td>YPJ-5012</td>
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<td>4600</td>
<td>1200</td>
<td>219</td>
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<td>0.12</td>
<td>500<em>1380</em>1055</td>
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<tr>
<td>YPJ-6012</td>
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<td>5800</td>
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<td>YPJ-7012</td>
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<td>6800</td>
<td>1200</td>
<td>418</td>
<td>3.00</td>
<td>0.12</td>
<td>600<em>1500</em>1600</td>
</tr>
</tbody>
</table>

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.

该机由压轮、带状不锈钢输送带和破碎机组成，将挤出机排出的熔融状物料切成1-1.5mm片状薄片，可选配有空气过滤、冷热交换系统。
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

<table>
<thead>
<tr>
<th>Model</th>
<th>Output (Kg/h)</th>
<th>Big Roller Diameter (mm)</th>
<th>Small Roller Diameter (mm)</th>
<th>Belt Width (mm)</th>
<th>Crushing Motor (kW)</th>
<th>Conveying Motor (kW)</th>
<th>Dimension (mm)</th>
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<tr>
<td>YPR-50</td>
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<td>130</td>
<td>400</td>
<td>0.2</td>
<td>1.1</td>
<td>855<em>950</em>860</td>
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<tr>
<td>YPR-100</td>
<td>80-120</td>
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<td>155</td>
<td>860</td>
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<td>1.5</td>
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<td>215</td>
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<td>1.1</td>
<td>2.2</td>
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<td>YPR-300</td>
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<td>850</td>
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<td>YPR-500</td>
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<td>1000</td>
<td>1.1</td>
<td>3.0</td>
<td>1800<em>1980</em>1530</td>
</tr>
<tr>
<td>YPR-1000</td>
<td>600-800</td>
<td>1000</td>
<td>240</td>
<td>1300</td>
<td>1.5</td>
<td>3.0</td>
<td>2300<em>2150</em>1840</td>
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</tbody>
</table>
LYF SERIES GRINDING SYSTEM

LYF系列立式磨机

This series of grinding system has functions of high-speed crushing, air classifying, double cyclone separating, screening, fine powder collecting and etc., with noise ≤80DB. Best Particle size distribution with particle size which can be adjusted freely at 18-60μm. 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、筛分及超细粉收集等功能。噪声≤80DB，粒径范围18μm-60μm 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, ≥98%
- Easy for cleaning and maintenance
- Meeting the standard of European ATEX anti-explosion design
- Safe to operate

Features:
- 污染低
- 粒径分布自由可调
- 产量高
- 锅体温度监控
- 回收率, ≥98%
- 易于清洗和维护
- 符合欧洲 ATEX 防爆设计标准
- 操作安全

Main Technical Parameter 主要技术参数

<table>
<thead>
<tr>
<th>Model</th>
<th>Output Capacity (Kg/h)</th>
<th>Mill Speed (rpm)</th>
<th>Motor Power (Kw)</th>
<th>Classifier Motor Power (Kw)</th>
<th>Fan Power (Kw)</th>
<th>Dimension (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LYF-10</td>
<td>150~200</td>
<td>7000</td>
<td>7.5</td>
<td>1.5</td>
<td>7.5</td>
<td>6000<em>2000</em>2200</td>
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<tr>
<td>LYF-20</td>
<td>250~350</td>
<td>6000</td>
<td>15</td>
<td>3</td>
<td>18.5</td>
<td>7000<em>3000</em>3000</td>
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<td>350~500</td>
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<td>6000<em>2600</em>3000</td>
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<td>LYF-45</td>
<td>500~600</td>
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<td>22</td>
<td>5000<em>3000</em>3500</td>
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<td>LYF-60</td>
<td>800~1200</td>
<td>4800</td>
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<td>5.5</td>
<td>55</td>
<td>10000<em>3500</em>3500</td>
</tr>
<tr>
<td>LYF-70</td>
<td>1000~1500</td>
<td>4800</td>
<td>37</td>
<td>5.5</td>
<td>75</td>
<td>11000<em>3500</em>3500</td>
</tr>
</tbody>
</table>
LAB TWIN SCREW EXTRUDER
实验室双螺杆挤出机

This series of extruders 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.

Features:
- Gear box equipped with a separate lubrication and cooling system,
- Has advantages of high torque, low noise<sub>≤</sub>60DB, high wear resistance, long life
- Low maintenance rate
- Comparable with European similar equipment

特点:
- 螺杆箱配备独立润滑及冷却系统，具有高扭矩，低噪音<sub>≤</sub>60DB，高耐久，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

<table>
<thead>
<tr>
<th>Model</th>
<th>Output (Kg/h)</th>
<th>Screw Speed (rpm)</th>
<th>L/D Ratio</th>
<th>Motor Power (kW)</th>
<th>Heating Power (kW)</th>
<th>Dimension (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SLJ-20</td>
<td>10-15</td>
<td>0-500</td>
<td>23:1</td>
<td>4</td>
<td>2.2</td>
<td>1900<em>700</em>1400</td>
</tr>
<tr>
<td>SLJ-25A</td>
<td>10-30</td>
<td>0-500</td>
<td>21:1</td>
<td>4</td>
<td>2.6</td>
<td>1900<em>700</em>1400</td>
</tr>
<tr>
<td>SLJ-25B</td>
<td>20-50</td>
<td>0-600</td>
<td>24:1</td>
<td>4</td>
<td>2.6</td>
<td>1900<em>700</em>1400</td>
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<tr>
<td>SLJ-35</td>
<td>80-120</td>
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<td>20:1</td>
<td>15</td>
<td>8</td>
<td>3000<em>800</em>1400</td>
</tr>
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</table>
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

特点:
- 体积小，低噪音
- 小试、中试粒径可与大型生产设备同步
- 反映实际配料效果
- 可模拟生产型磨粉机的运行参数
- 易于清洗和维护
- 操作安全可靠

Main Technical Parameter 主要技术参数

<table>
<thead>
<tr>
<th>Model 型号</th>
<th>Output 产量 (Kg/h)</th>
<th>Mill Speed 主机转速 (rpm)</th>
<th>Motor Power 主电机功率 (kW)</th>
<th>Classifier Motor 风机电机功率 (kW)</th>
<th>Fan Power 引风机功率 (kW)</th>
<th>Dimension 外形尺寸 (mm)</th>
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</thead>
<tbody>
<tr>
<td>LYF-02</td>
<td>5~30</td>
<td>18000</td>
<td>2.2</td>
<td>0.75</td>
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<td>LYF-05</td>
<td>30~50</td>
<td>9000</td>
<td>4</td>
<td>0.75</td>
<td>4</td>
<td>1900<em>1500</em>2200</td>
</tr>
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<td>LYF-07</td>
<td>80~120</td>
<td>6000</td>
<td>4</td>
<td>0.75</td>
<td>5.5</td>
<td>2100<em>1600</em>2200</td>
</tr>
</tbody>
</table>
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，从手动到自动，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:
- 由粉连续，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.

涂装设备产品规格可根据客户生产需求和施工现场定制，实行研发、生产、设计、安装、销售、售后一条龙服务。
SPARE PARTS

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，高精密度。