



恒美百特  
HENGMEIBETTER



## 生物质颗粒成型设备主流制造商 首推新能源产品一站式服务机构

质量第一 技术创新 客户需求



恒美百特  
HENGMEIBETTER

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山东恒美百特新能源环保设备有限公司  
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# 科学发展 成就辉煌

The scientific development brilliant achievements



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Pellet Mill  
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附属设备

Accessory Equipment

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生产线流程图

Production Line Flow Chart

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颗粒机

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有机肥卧式离心造粒机  
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圆盘造粒机  
Disk Type Pellet Making  
Machine  
转鼓造粒机  
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圆球整形机  
Ball Shaping Machine

附属设备

Accessory Equipment

圆盘搅拌机  
Disk Mixing  
连续搅拌机  
Continuous Mixing  
粉碎机  
Type Pellet Mill  
翻抛机  
Fertilizer Turner  
滚筒筛  
Drum Screen

生产线流程图

Production Line Flow Chart

烘干、冷却设备

Drying Machine, Cooling Machine

烘干机

Drying Machine

冷却机

Cooling Machine

## ■ 品牌铸就

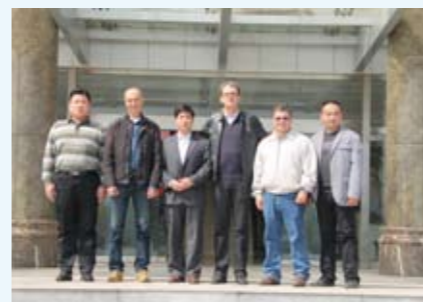
工程业绩 Project Performance

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## 品质生活，源于恒美百特！

公司愿与客户一起努力，使我们的生活环境更加美好！

# 企业简介

## COMPANY PROFILE

山东恒美百特新能源环保设备有限公司是国内大型的新能源环保设备制造商，注册商标“恒美百特”。公司集研发、生产、销售、服务四位于一体。主要产品有：建筑垃圾破碎处理及再生利用工作站，新能源颗粒机械，饲料机械，有机肥机械等共计 56 种产品、200 多个型号，是国内最专业的的新能源环保机械产品研发与生产的高新技术企业。

建筑垃圾移动破碎站作为公司的拳头产品，有效地解决了城市建筑垃圾的环保化处理及再生利用问题。

公司总投资 1.2 亿元，总部位于山东省济南市章丘绣惠工业园，总占地达 380 亩。公司拥有最现代化的生产制造能力和优秀的技术研发团队。在国内，我们与多家专业的高等设计院校建立了长期的技术及产品研发合作，国外，我们紧盯世界行业发展趋势，与德国、芬兰等国家的专业研发机构展开了多种技术交流与创新合作。

本公司发展秉承高效，节能，环保，安全之理念，对产品技术精益求精。以满足客户需求为最高宗旨，视产品质量为企业的生命。从每一道工序开始，到每一台产品出厂，我们都全程贯彻质量跟踪体系，并对每一个用户建立完善的客户支持方案。公司产品已通过 ISO9001 国际质量体系认证、欧盟 CE 认证。可靠稳定的产品质量和良好的企业信誉使公司产品销量及各项综合经济指标稳居国内同行业前茅，目前产品已畅销全国各地，并远销到德国、芬兰、俄罗斯、新西兰、韩国、巴基斯坦、印度、孟加拉国、越南、马来西亚、土耳其等 20 多个国家和地区。

公司拥有经验丰富、技术精湛的售后服务团队和完善的售后服务体系。依托完备的客户档案，公司可以随时对客户提出的服务需求，提供迅速准确的解决方案。

品质生活，源于恒美百特！公司愿与客户一起共创美好生活！

Shandong Hengmei-Better Ennovation Equipment Co., Ltd. is a domestic large-scale new energy environmental protection equipment manufacturers in China. The registered trademark is "Hengmei Better". Our company has combined Research and Development, Production, Sales and Service in one, and our main product have Construction Waste Crushing and Recycling Workstation, New Energy Particle Machinery, Feed Machinery, Organic Fertilizer Machinery, Broken machinery. Totally, have 56 kinds of products, more than 200 models, which make our company the most professional development and production of high-tech enterprises of new energy environmental protection machinery manufacturer in China..

Construction waste Mobile Crushing Station is our company's competitive product, which disposal our urban construction waste in an environmental protection way and makes it renewable.

Our company has invested 120 million yuan. The headquarter locates in Zhangqiu Xiuhui Industrial Park, Jinan, Shandong Province which covers more the 250 Thousands Square Meter . Our company has an outstanding technical R & D team which has exuberant manufacturing capacity, and we have establish long-term jointly research and development with colleges and university in domestic. Meanwhile, we focus on the trend of industry development in the whole world, expanding technique and innovation cooperation and exchanges with professional R&D institutions in Germany, Finland and other countries.

Our company is adhering to idea of efficient, energy saving, environmental protection, and safety. Make perfection more perfect on our product and technology. We tread the quality of our product as our company's foundation, regard customer demand as our utmost purpose. From the beginning of every procedure, to each product leave our factory, we have a full quality tracking system, and a support schemes for each user to help them establish a perfect customer. Our company's products have passed ISO9001 international quality system certification, the European CE certification. With stable and reliable product quality and good corporate reputation of the company production, our company has the comprehensive economic indicators in the domestic same industry forefront, our products have been sold throughout our country, and exported to more than 20 countries and area. Such as Germany, Finland, Russia, New Zealand, Republic of Korea, Pakistan, India, Bangladesh, Malaysia, Vietnam, Turkey, etc..

Our company has an experienced, skilled after-sales team and a thorough after-sale service system. Based on our perfect customer service files, we can provide our customer a complete solution at any time they need according to their requirement.

Quality life, start from Hengmei Better! Our company is willing to work together with our customers to create a better life!



HENGMEI BETTER  
今天的努力，只为明天飞的更高

选择我们没有错

资质荣誉  
Credit&Honors



我们追求的不仅仅是荣誉，更重要的是客户的认可。



HENGMEI BETTER

# 企业文化

## ENTERPRISE CULTURE

**以信誉求发展**

Beg the development with the prestige

**以质量求生存**

Strives for the survival by the quality

**以创新求进取**

Innovation for enterprising

**以管理求效益**

To management for efficiency

**以服务求市场**

To serve for the market

**核心竞争力决定企业生存的空间**

Core competitiveness decide the enterprise survival space

**以人为本彰显主体力量**

People-oriented reveal main body strength

**让每一名员工的创造力和潜能都得到激发**

Let every employee creativity and potential are excitation

**让每一名员工的自我价值都得到实现**

Let every employee self value are implemented



# 员工摄影作品选登

## SELECTED PHOTOGRAPHS FROM STAFF



油菜花香



八仙过海



浪花垂钓



纵横交错



生命的依托



# 特色恒美

## CHARACTERISTICS OF HENGMEI BETTER

科技成就未来，品质铸造辉煌。  
质量决定市场，诚信主宰一切。



移动反击式破碎站 Mobile counterattack crusher station



移动圆锥式破碎站 Mobile cone crusher station



反击式破碎机  
Impact Crusher



深腔鄂式破碎机  
Deep cavity jaw crusher



立式冲击破碎机 Vertical impact crusher



圆振动筛 Round vibrating screen



滚筒烘干机 Cylinder drying machine



冷却机 Cooling machine



饲料颗粒机 Feedstuff pellet mill



立式环模颗粒机 Vertical ring die pellet mill



圆球整形机 Ball shaping machine



粉碎机 Grinder mill



有机肥卧式离心造粒机  
Organic fertilizer horizontal centrifugal pellet mill



圆盘造粒机 Disk pellet mill

# 生产工艺

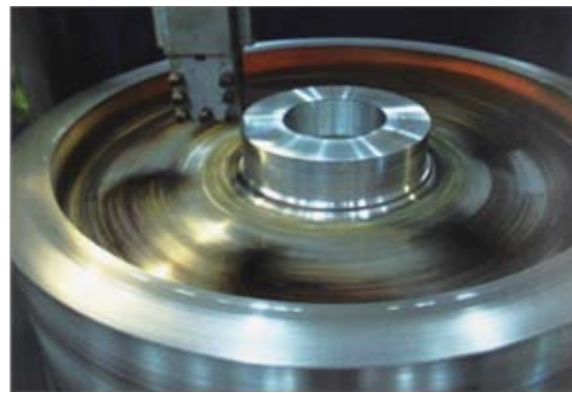
## PRODUCTION TECHNIQUE



成品装配线 Finished product assembly line



特殊焊接工艺 Unque welding technology



精密机加工 Precision products processing



粉碎成套 Grinding production line



铣镗床 Milling-boring machine



动平衡 Dynamic balance



大型机加工设备  
Large scale machining equipment



等离子数控切割机  
CNC plasma culting machine

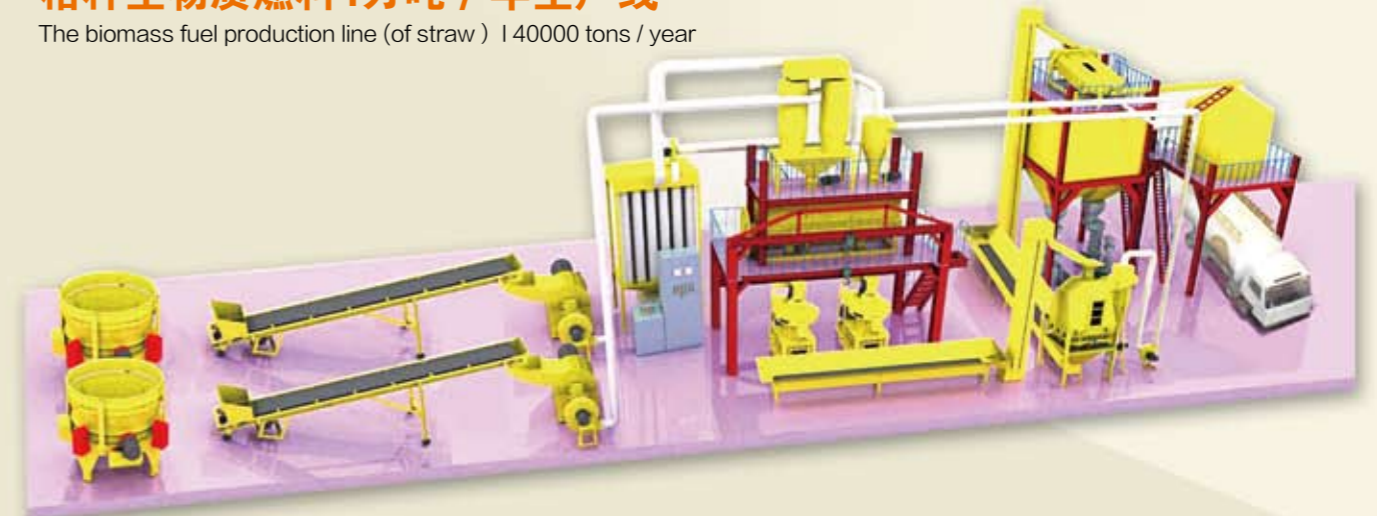


大型板料折弯机  
Lange plate bending machine

科技促进文明，思维推翻境界。恒美百特潜心研究，探索更新的技术，补科技创新，以期生产出质量更高、更人性化的产品。

### 秸秆生物质燃料4万吨 / 年生产线

The biomass fuel production line (of straw ) | 40000 tons / year



### 秸秆颗粒机成套生产线

秸秆颗粒机是一种将粉碎后的农作物秸秆原料，压制成颗粒状、棒状成品的机器。做出的秸秆颗粒作为燃料广泛用于电厂、医院、学校等场所。

### PRODUCTION LINE OF CROP STRAW PELLET MILL

Straw pellet mill is a kind of machine which makes smash crop straw to granulate and clavation. Its straw particle widely used as fuel in power plant、hospital、school, etc.



# 新能源设备 NEW ENERGY EQUIPMENT

## (一) 颗粒机 PELLET MILL

### 1) 木屑颗粒机

Straw dust pellet mill



产品名称Product name	型号Model	功率Power (kw)	产量Yield (t/h)
离心高效颗粒机 Efficient Centrifugal Pellet Mill	ZLG560	90	1-1.5
	ZLG720	160	1.5-2.5
	ZLG850	220	2.5-3
	ZLG920	315	3-4.5
	ZLG1050	315	4.5-6
	ZLG1250	550-660	7-8

注: 技术数据如果有变动, 恕不另行通知。  
Note: If there are technical data changes, without notice.



产品名称Product name	型号Model	功率Power (kw)	产量Yield (t/h)
3-系列平模制粒机 3-series flat-die pellet mill	ZLPM3-350	37-4	0.3-0.5
	ZLPM3-450	55-4	0.5-0.8
	ZLPM3-550	90-6	0.7-1.2
	ZLPM3-800	130-160	0.7-1.2
	ZLPM4-1200	280-320	3-5

注: 技术数据如果有变动, 恕不另行通知。  
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### 产品介绍

木屑颗粒机, 又称木屑制粒机、木糠颗粒机、锯末颗粒机, 是将粉碎后的木屑压制成颗粒的机器。

木屑颗粒机一共可以分为两种, 一是离心高效颗粒机, 一是平模制粒机。其中离心高效颗粒机是我们的核心产品, 是专门针对木屑制粒研发的产品, 推荐使用。

### Product introduction

Straw dust pellet mill, also known as straw dust pelletsawdust pellet mill, saw powder pellet mill.

It can be divided into two types. One is efficient speed centrifugate, the other is flat-die pellet mill. The efficient one is our core product, which is research of and developed special for straw dust. We recommend to use this one.



### 产品特点

做木屑颗粒我们首先推荐用离心高效木屑颗粒机, 此种机型是我们专门针对木屑这样的粗纤维原料研发的一种颗粒机, 因为专攻所以专业, 离心高效颗粒机做木屑有以下几点优势:

- 模具立向, 进料垂直, 不起拱, 易散热;
- 压轮旋转, 物料离心, 分布均匀, 效果好;
- 两套润滑, 大轴压轮, 保证寿命, 高产稳产;
- 风冷除尘, 长时运转, 高效生产, 节能环保;
- 双层模具, 一机两用, 更多选择, 更多收获。

### Product features

We recommend the efficient centrifugal wood pellet machine for producing wood pellet. The wood pellet machine is designed specifically for coarse fiber material such as sawdust.

Efficient Centrifugal wood particle machine has the following advantages:

- vertical type die, feeding directly, no material arching, good heat dispersing capability;
- pressing wheel rotation, materiel goes in a the centrifugal way to keep in a even type;
- Two sets of lubrication system, high axial pressure wheel, ensure the service life, high and stable yield;
- air cooling and dust removal keeps the long operation, efficient production, energy saving and environmental protection;
- Two-layer mold, a dual-purpose machine, more choice, more harvest.

### 2) 秸秆颗粒机

Straw Pellet Mill



### 产品介绍

秸秆颗粒机是一种将粉碎后的农作物秸秆原料, 压制成颗粒状, 棒状成品的机器。做出的秸秆颗粒做为燃料广泛用于电厂、医院、学校等场所。

### Product introduction

Straw Pellet mill is a kind of machine which use grind crop straw as raw material, pressing them into granulate and clavation finished product. The corn stalk pellet is used as fuel in power plant, hospital, school, etc.

### 设备优势

- 立式环模, 垂直进料, 有效的防止积料堵塞情况的发生。
- 模具静止, 压轮旋转, 使得物料分布均匀, 提高生产效率。
- 双层模具, 一机两用, 一套模具可以生产两种不同规格的颗粒, 有效降低成本。
- 两套润滑装置, 压轮自动润滑, 跟齿轮箱循环润滑, 保证机器长时间平稳运转。
- 专业的售后服务团队, 上门安装, 电话指导安装。

### The Advantage Of Equipment

- Vertical type, vertical feed, prevent die buildup efficiently.
- Mould stationary, pinch roller rotating, make the material well-distributed, enhance productivity.
- Double-deck mould, one machine dual use, one set mould can produce two kind of particle, which lower the cost efficiently.
- Two set lubricating device, pinch roller automatic lubrication, gear case circulating lubrication, guarantee the machine smooth running for a long time.
- Professional after-sale service team, on-site installation, phone guide installation.

产品名称 Product name	型号 Model	功率 Power (kw)	产量 Yield (t/h)	加工规格 Processing specification (mm)
离心高效颗粒机 Efficient Centrifugal Pellet Mill	ZLG560	90	1-1.5	Φ4-Φ12
	ZLG720	160	1.5-2.5	Φ4-Φ12
	ZLG850	220	2.5-3	Φ4-Φ12
	ZLG920	315	3-4.5	Φ4-Φ12
	ZLG1050	315	4.5-6	Φ4-Φ12
	ZLG1250	550-660	7-8	Φ4-Φ12

注: 技术数据如果有变动, 恕不另行通知。Note: If there are technical data changes, without notice.

### 3) 稻壳颗粒机

Rice Husk Pellet Mill



#### 产品介绍

稻壳颗粒机, 又称稻壳制粒机, 木糠颗粒机, 锯末颗粒机。是将稻壳压制成颗粒的机器。

稻壳颗粒机一共可以分为两种, 一是离心高效制粒机, 一是平模制粒机。其中离心高效颗粒机是我们的核心产品, 是专门针对稻壳制粒研发的产品, 推荐使用。

#### Product introduction

Rice husk Pellet Mill, also known as rice husk pelleter, sawdust pellet mill, saw powder pellet mill, which can make rice husk into granular.

There are two kinds of rice husk pellet mill. One is efficient centrifugate pellet mill, the other is flat-die pellet mill. The efficient centrifugate one is our core product, which is research and development special for straw dust. We recommend to use this one.

产品名称 Product name	型号Model	功率 Power (kw)	产量 Yield (t/h)
离心高效颗粒机 Efficient Centrifugal Pellet Mill	ZLG560	90	1 - 1.5
	ZLG720	160	1.5 - 2.5
	ZLG850	220	2.5 - 3
	ZLG920	315	3 - 4.5
	ZLG1050	315	4.5 - 6
	ZLG1250	550 - 660	7 - 8

注: 技术数据如果有变动, 恕不另行通知。Note: If there are technical data changes, without notice.

### 4) 棕榈颗粒机

Palm Pellet Mill



#### 产品介绍

大型棕榈颗粒机是以棕榈、桉木、松木、桦木、杨木、果木及农作物秸秆、竹屑粉碎为木糠糠状加工成生物质燃料的生物质成套设备。我公司考察国内外设备的优点和存在的问题的基础上, 通过技术创新, 材料改进等措施, 使棕榈颗粒机的质量, 生产效率、安全可靠等方面取得突破性进展。

### Product introduction

Large-scale palm pellet mill is a set of biomass machine which makes sawdust palm, eucalyptus, pine, birch, poplar, fruitwood, crop straw, Bamboo shavings into biomass fuel. Hengmei Better. has investigate the advantage and question of these kinds of equipment at home and abroad, through technological innovation, material improving, makes the palm pellet mill a breakthrough in quality, production efficiency, and safety.

产品名称 Product name	型号Model	功率 Power (kw)	产量 Yield (t/h)	加工规格 Processing Specification (mm)	外型尺寸 External Dimension (mm)
离心高效颗粒机 Efficient Centrifugal Pellet Mill	ZLG560	90	1 - 1.5	Φ4 - Φ12	2600 × 1300 × 2300
	ZLG720	160	1.5 - 2.5	Φ4 - Φ12	2900 × 1300 × 2400
	ZLG850	220	2.5 - 3	Φ4 - Φ12	3300 × 1400 × 3100
	ZLG920	315	3 - 4.5	Φ4 - Φ12	3900 × 1680 × 3400
	ZLG1050	315	4.5 - 6	Φ4 - Φ12	
	ZLG1250	550 - 660	7 - 8	Φ4 - Φ12	

注: 技术数据如果有变动, 恕不另行通知。Note: If there are technical data changes, without notice.

### 5) 生物质颗粒机

Biomass Pellet Mill



#### 产品介绍

生物质颗粒机能将农林加工的废弃物如木屑、秸秆、稻壳、树皮等生物质为原料, 通过预处理和加工, 将其固化成形为高密度的颗粒燃料, 是替代煤油的理想燃料, 既能节约能源又能减少排放, 具有良好的经济效益和社会效益。是一种高效、洁净的可再生能源。

#### Product introduction

Biomass Pellet Mill can use agriculture and forestry castoff such as saw dust, straw, rice husk, bark, etc. as raw material, through pretreatment and processing, solidified them into high-density granular fuel, which is the ideal fuel to replace kerosene, which can save energy and reduce emission. It has a good economic benefit and social benefit, which is an efficient, clean and renewable energy sources.

#### 生物质颗粒的用途

秸秆燃料的用途: 秸秆成型后的颗粒燃料是一种新型的生物能源, 它可代替木柴、原煤、燃油、液化气等, 广泛用于取暖、生活炉灶、热水锅炉、工业锅炉、生物质发电厂等。

#### Usage Of Biomass Particle

Usage of Straw fuel After shape up, the straw made biomass particle is a new biomass energy, which can replace firewood, raw coal, fuel oil, liquefied gas, etc., which is widely used in heating, kitchen range, water boiler, industrial boiler, biomass power station, etc.

产品名称 Product name	型号Model	功率 Power (kw)	产量 Yield (t/h)	加工规格 Processing specification (mm)
离心高效颗粒机 Efficient Centrifugal Pellet Mill	ZLG560	90	1 - 1.5	Φ4 - Φ12
	ZLG720	160	1.5 - 2.5	Φ4 - Φ12
	ZLG850	220	2.5 - 3	Φ4 - Φ12
	ZLG920	315	3 - 4.5	Φ4 - Φ12
	ZLG1050	315	4.5 - 6	Φ4 - Φ12
	ZLG1250	550 - 660	7 - 8	Φ4 - Φ12

注: 技术数据如果有变动, 恕不另行通知。Note: If there are technical data changes, without notice.

## (二) 附属设备

### ACCESSORY EQUIPMENT

#### □ 1) 粉碎机

Grinder Mill



#### 多功能粉碎机

“恒美百特”牌40, 50, 65, 130型多功能粉碎机系列是我公司精心研制的定型产品，并设有水冷却功能，主要粉碎废旧橡胶，PVC发泡板及各种木条，秸秆，杂草等。该系列产品结构合理，坚固耐用，安全可靠，操作方便，振动微小，效率高，主要适用于生物燃料、发电、饲料、有机肥、中草药、养殖、化工等行业。

#### Multi-function mill

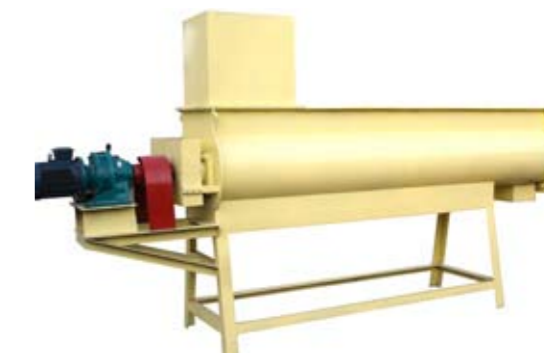
"Hengmei Better" brand 40,50,65,130-type multifunctional grinder series is an approved products which our company developed carefully. It has water cooling function, mainly for crushing waste rubber, PVC foaming plate and various kinds of wood, straw, weeds etc.. This series of products have a rational construction, sturdy and durable, safe and reliable, convenient in operation with small vibration, high efficiency, which is mainly suitable for bio fuels, power generation, feed, organic fertilizer, Chinese herbal medicine, aquaculture, chemical industry, etc.

产品名称 Product name	型号 Model	功率 Power (kw)	产量 Yield (t/h)
多功能粉碎机 Multi-function mill	FJT40	7.5	φ5 0.1 - 0.3
	FJT50	11 / 15	φ6 0.2 - 0.4
	FJT65×27 (皮带 belt)	22	φ6 0.5 - 0.8
	FJT65×27 (直联 direct connection)	22	φ6 0.6 - 1.0
	FJT65×55	37 / 55	φ6 1 - 2
	FJT65×75	55 / 75	φ6 1.5 - 2
	FJT65×100	90-110	φ6 2 - 3

注：技术数据如果有变动，恕不另行通知。Note: If there are technical data changes,without notice.

#### □ 2) 搅拌设备

Mixing Equipment



#### 产品介绍

单连搅拌机，又称单连混合机，是生物质燃料颗粒生产当中，用于混合搅拌物料的专用设备。单连搅拌机是连续出料的设备。

#### Product introduction

Single shaft mixer, also known as single mixing machine, is a machine which is use in biomass fuel particle producing to mix stirring materials. The single blender is a machine which can discharge continuously.

#### 产品特点

- 混合无死角，混合均匀度高，这得益于良好的转子设计；
- 转子与机壳间隙可调；
- 连续出料口设计，物料残留少；
- 采用齿轮传动，一是提高能效，二是杜绝漏料；
- 设有液体添加管道，更加方便实用。

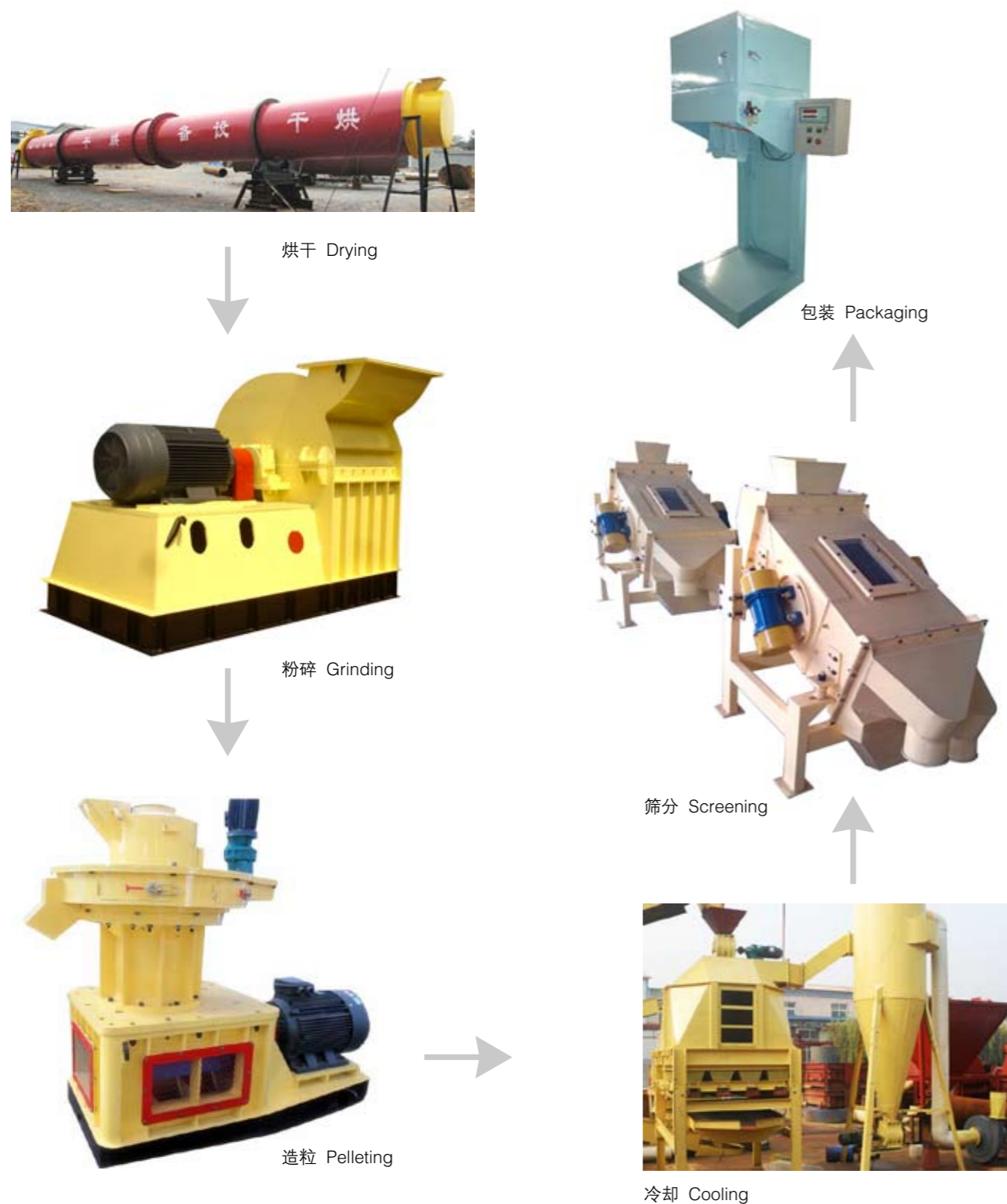
#### Product features

- No dead angle mixing, mixing uniformity, this is profit from its good rotor design;
- The interval between rotor and enclosure is adjustable;
- Adopt continuous discharge design, lower material vestigital;
- Adopt gear drive, enhance energy efficiency and completely eradicate leakage of material;
- Equipped with liquid adding pipeline, which is more convenience and practical.

产品名称 Product name	型号 Mode	功率 Power (kw)	产量 Yield (t/h)
单连搅拌机 Single shaft mixer	HJDL55X3000	4	0.3 - 0.5
	HJDL55X3500	5.5	0.6 - 1
	HJDL55X4000	7.5	0.8 - 1.5

注：技术数据如果有变动，恕不另行通知。Note: If there are technical data changes,without notice.

### (三) 生产线流程图 PRODUCTION LINE FLOW CHART



## 饲料设备 FEEDSTUFF EQUIPMENT

### (一) 颗粒机 PELLET MILL

#### 1) 猪饲料颗粒机 Pannage Pellet Mill



#### 产品介绍

ZLHM环模颗粒机在消化吸收国内外先进技术成功典范的基础上，采用镶嵌式旋转辊盘，各项功能均已达到国际先进水平。配有超载保护配置，均匀无阻，噪音低，使其运转更安全可靠。

采用大直径调质器，使物料熟化更充分，使颗粒更光滑，硬度更适中，成型率达98%，并且设备磨损率降到最低。

采用调速喂料，准确控制喂料量，以适应不同物料，不同颗粒直径的生产需要。

#### Product introduction

ZLHM ring die pellet mill is adopted the home and abroad advanced technology, adopts mosaic rotating roller plant, the machine,s all function has reached international advanced level, which equipped with overload protection configuration. No unimpeded, low noise, revolving safety and reliable.

Adopt large diameter tempering, makes the material curing sufficient, and the particle more smoothly, and moderation hardness. The ratio of briquetting is more than 98%. Wear rate drops to lowest.

Adopt speed governing feed to accuracy control feed rate.

产品名称 Product name	型号 Mode	功率 Power ( kw )	产量 Yield ( t/h )
环模制粒机 Ring die pellet mill	ZLHM250	22+1.5+1.5	0.6 - 1.5
	ZLHM300	45+2.2+1.5	1.5 - 2.5
	ZLHM350	55+2.2+1.5	2 - 5
	ZLHM450 - A	90+3+3+1.5	4 - 8
	ZLHM450 - B	110+3+3+2.2	6 - 12
	ZLHM610	150+4+4+2.2	8 - 15

注：技术数据如果有变动，恕不另行通知。Note: If there are technical data changes,without notice.

## □ 2 ) 小型牛、羊饲料颗粒机

Small Size Cow, Sheep Feed Pellet mill

### 产品介绍

- ZLPM平模颗粒机吸取德国卡尔制粒机之精华，心脏部件“模板”及“压轮”根据不同物料的归类采用高合金耐磨材料精制而成，使用寿命长；
- 传动部位采用汽车差速器，万向节传动。噪音小，耗能低，效率高，操作方便，是我单位精心研制国内首创的定型产品。
- 该产品适合饲料厂、养殖厂、养殖户等，投资小、见效快、无风险，是最理想的致密成型压缩设备。

### Product introduction

- ZLPM flat-die pellet mill adopts Germany Carl pellet mill, heart assembly unit "formwork" and "pinch roller" is accordance with different material adopts wear-resistant material, shares long service life.
- Transmission part adopts automobile differential mechanism, cardan drive. With lower noise, lower energy dissipation and higher efficient, and easy to operation. Which is developed by our company national initiative approved products.

· This product is suit for feed mill, cultivation factory, and famers. With little investment, high effective and zero risks, this machine is the ideal compact and compression molding equipment.

产品名称 Product name	型号 Mode	功率 Power (kw)	产量 Yield (t/h)
2-系列 平模制粒机 2-series flat die pelleter	ZLPM105	2.2	精细0.06 - 0.1 粗纤50%减3成
	ZLPM120	3	精细0.07 - 0.1 粗纤50%减3成
	ZLPM150	7.5	精细0.1 - 0.3 粗纤50%减3成
	ZLPM200	11	精细0.3 - 0.5 粗纤50%减3成
	ZLPM250	15	精细0.4 - 0.7 粗饲料50%减3成
	ZLPM280	22	精细0.5 - 0.8 粗饲料50%减3成
	ZLPM300	30 / 22	精细0.6 - 1 粗饲料50%减3成
	ZLPM2 - 350	37	0.6 - 1
ZLPM2 - 450	45	1 - 1.5	

注：技术数据如果有变动，恕不另行通知。Note: If there are technical data changes,without notice.

## □ 3 ) 鱼饲料颗粒机

Fish Feed Pellet Mill

### 产品介绍

我公司设计的鱼饲料颗粒机将已混粉状饲料经济压一次成型，为圆柱型颗粒饲料，颗粒内部熟化深透、表面光滑、硬实、长短可以调、成型率100%，颗粒不易霉烂、变质，可长期贮存，提高了消化吸收功能，有效保证广大养殖户的生产成本，是养殖专业户及中小型饲料加工厂降低成本提高经济效益的理想设备。

### Product introduction

Fish feed pellet mill designed by our company extrusion the mixed mash feed one take to cylinder pellet feed. The inside of the particle is curing deep, strong with smooth surface, their length is adjustable and ratio of briquetting is 100%. The finished particles are not easy to mildew and rot or go bad, to enhance the digestion-absorption function. Which is the best choose of household specialized in breeding and small and medium size feed mill feed mill to lower their cost and enhance economic performance.

产品名称 Product name	型号 Mode	功率 Power (kw)	产量 Yield (t/h)
环模制粒机 Ring die pellet mill	ZLHM250	22+1.5+1.5	0.6 - 1.5
	ZLHM300	45+2.2+1.5	1.5 - 2.5
	ZLHM350	55+2.2+1.5	2 - 5
	ZLHM450 - A	90+3+3+1.5	4 - 8
	ZLHM450 - B	110+3+3+2.2	6 - 12
	ZLHM610	150+4+4+2.2	8 - 15

注：技术数据如果有变动，恕不另行通知。Note: If there are technical data changes,without notice.

## (二) 附属设备

### ACCESSORY EQUIPMENT

## □ 1 ) 水滴粉碎机

Water Drop Type Pettet Mill

### 产品介绍

- 内镶式转子，粉碎无死角，成品粒度更均匀；
- 可移位全开式操作门，操作维修方便；
- 机体嵌入式密封，彻底避免粉尘外溢，工作环境洁净；
- 广泛用于大中型饲料厂、柠檬厂、食品厂等各种原料粉碎，可进行细粉碎及微粉碎。

### Product introduction

- Built-in type rotor, zero dead angle smash, finished products are uniformity.
- Movable full open operation door, is operating and maintenance conveniently.
- Engine body flushbonading sealed, avoiding dust overflow thoroughly, with clean work environment.
- Wide adopt in medium and large feed mill, lemon mill, bakery and confectionery to smash raw material, which can fine crushing even micro-grinding.



产品名称 Product name	型号 Mode	功率 Power (kw)	产量 Yield (t/h)
水滴粉碎机 Water drop type pettet mill	FJSD65×27	22	1 - 2
	FJSD65×55	37	3 - 4
	FJSD65×75	55	3 - 8
	FJSD112×40	110 - 160	6 - 15
	FJSD112×60	160 - 220	10 - 20

注：技术数据如果有变动，恕不另行通知。Note: If there are technical data changes,without notice.

## □ 2 ) 多功能粉碎机

Multi-function Mill

### 产品介绍

“恒美百特”牌40,50,65,130型多功能粉碎机系列是我公司精心研制的定型产品，并设有水冷却功能，主要粉碎废旧橡胶，PVC发泡板及各种木条，秸秆，杂草等。该系列产品结构合理，坚固耐用，安全可靠，操作方便，振动微小，效率高，主要适用于生物燃料、发电、饲料、有机肥、中草药、养殖、化工等行业。

### Product introduction

"Hengmei Better" brand 40,50,65,130-type multifunctional type pellet mill series is an approved products which our company developed carefully. It has water cooling function, mainly for crushing waste rubber, PVC foaming plate and various kinds of wood, straw, weeds etc.. This series of products have a rational construction, sturdy and durable, safe and reliable, convenient in operation with small vibration, high efficiency, which is mainly suitable for bio fuels, power generation, feed, organic fertilizer, Chinese herbal medicine, aquaculture, chemical industry, etc.



产品名称 Product name	型号Mode	功率 Power (kw)	产量 Yield (t/h)
多功能粉碎机 Multi-function mill	FJT40	7.5	φ5 0.1 - 0.3
	FJT50	15 / 11	φ6 0.2 - 0.4
	FJT65×27 (皮带 belt)	22	φ6 0.5 - 0.8
	FJT65×27 (直联direct connection)	22	φ6 0.6 - 1.0
	FJT65×55	37	φ6 1 - 2
	FJT65×75	55	φ6 1.5 - 2
	FJT65×100	90 - 110	φ6 2 - 3

注：技术数据如果有变动，恕不另行通知。Note: If there are technical data changes,without notice.

### 3) 搅拌机 Mixer



#### 产品介绍

- HJD混合机为卧式、分批式混合机，具有新颖的转子结构无混合死角，混合均匀优良，混合均匀度高CV≤5-7%，混合时间3-6分钟；
- 转子与机壳的间隙可以调整，底部为大开门或全长开门，物料残留小；
- 机体两端为双层设计，杜绝两轴端漏料现象；
- 出料门采用气动（也可电动或手动），动作更加准确可靠，密封性能好；
- 机内装有油脂添加管道，总体结构合理，外形美观，操作维修方便。

#### Product introduction

- HJD mixing machine is horizontal type, batch-type mixing machine, which has novel rotor structures with no mixing dead angles, mixing material uniformity and fine. The mixing uniformity can reach CV≤5-7%, and the mixing time is between 3-6 minutes.
- The gap between the rotor and main case is changeable, and the bottom is a big open door or a whole open door, with little vestigial material.
- The engine body,s two ends adopts double-deck design, which completely eradicate the axles end run-back.
- The discharging door adopts pneumatic (both power-driven and manual operation are ok), which provide more accuracy and reliable movement with good sealing property.
- The machine installed grease pipeline inside, with a rational overall structure and good-looking appearance, which is easy to operating and maintenance.

产品名称 Product name	型号 Mode	功率 Power (kw)	产量 Yield (t / batch)
单轴搅拌机 Single shaft mixer	HJD100	3	0.1
	HJD250	5.5	0.25
	HJD500	7.5	0.5
	HJD1000	18.5	1
	HJD2000	22	2
	HJD3000	30	3
	HJD5000	37	5

注：技术数据如果有变动，恕不另行通知。Note: If there are technical data changes,without notice.

### 4) 筛分设备 Screening Equipment



#### 产品介绍

- 出料口内部流线形设计，不使物料沉积，避免交叉污染；
- 压筛结构简便，快速换筛，筛层随定；
- 应用于颗粒料、破碎料的分级和二次循环粉碎工艺以及一些颗粒、粉料的清理和分级处理；
- 具有效率高、运转平稳、工作可靠、结构紧凑、占地空间小、安装维修方便、换筛容易等性能。主要用于粮食、饲料、化工、医药等行业。

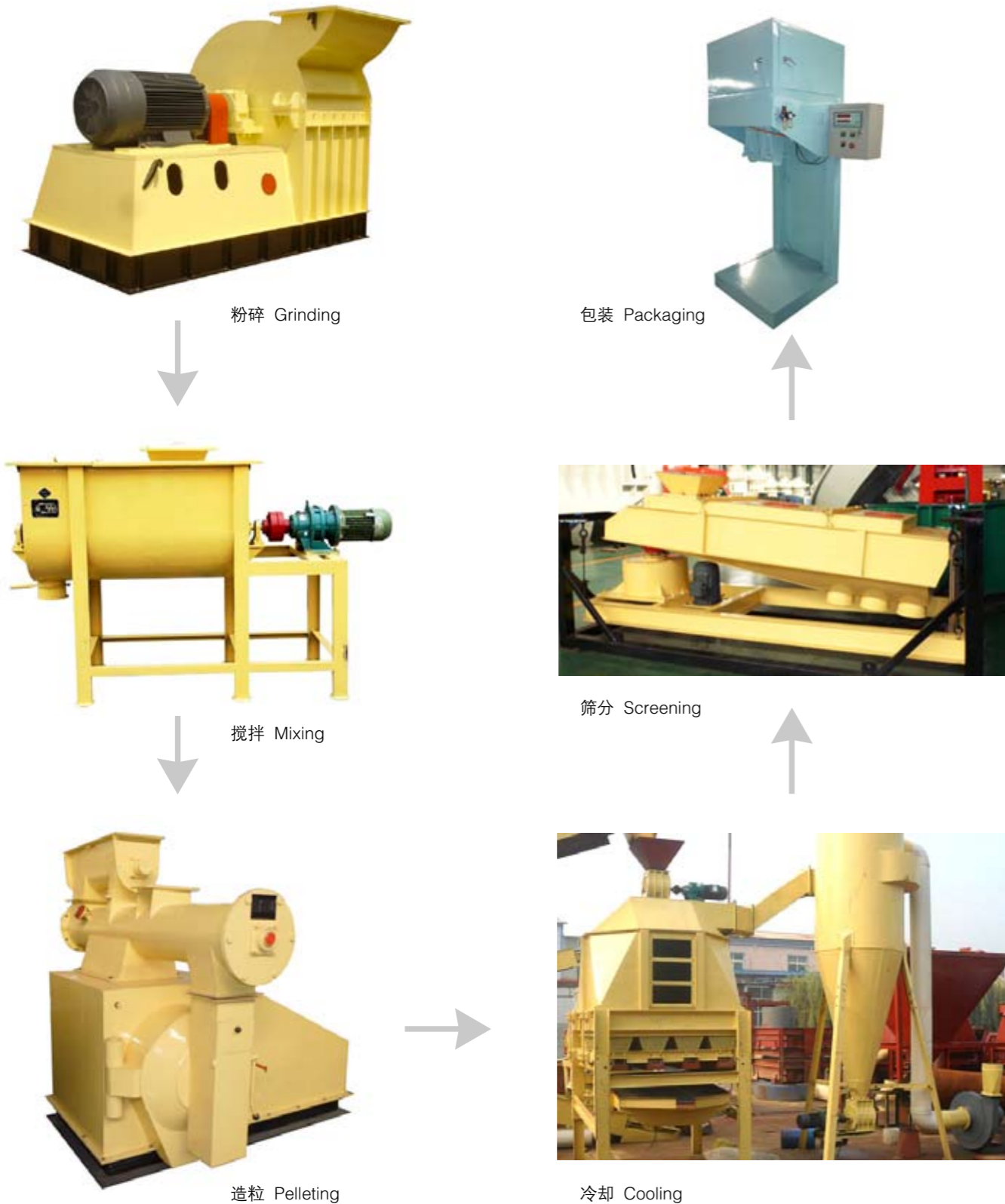
#### Product introduction

- The inside of discharge hole is designed to streamline form, which avoiding the material deposit and crossing contamination.
- Quick sieve changing due to simple and convenient sieve pressing mechanism, the sieving layer can be changing easily.
- Apply to classify granule, crush material and secondary circulation smashing, and sorting out and classifying some particles and powder.
- Have high efficiency, running stable, working reliable, compact structure and occupied little space. The machine is asy to installation and maintenance, easy to change the sieving layer. Mainly used in food, feed, chemical industry, medicine and so forth.

产品名称 Product name	型号 Mode	功率 Power (kw)	产量 Yield (t / h)
回转筛 Gyratory Screen	SJHZ80×2c	2.2	2 - 4
	SJHZ110×2c	3	3 - 6
	SJHZ130×2c	5.5	5 - 10

注：技术数据如果有变动，恕不另行通知。Note: If there are technical data changes,without notice.

### (三) 生产线流程图 PRODUCTION LINE FLOW CHART



## 肥料设备 FERTILIZER EQUIPMENT

### (一) 颗粒机 PELLET MILL

#### 1) 有机肥卧式离心造粒机

Organic Fertilizer Horizontal Type Centrifuge Pellet Mill

#### 产品介绍

ZLWL系列卧式离心造粒机采用点击带动绞龙旋转喂料, 通过新的理念, 独特而复杂的设计工艺, 使筒体内的粉状物料产生离心力, 将粉状物料在离心力的作用下粘合成球状颗粒。

#### Product introduction

ZLWL series horizontal type centrifuge pellet mill adopts click driving packing auger feeding, use new technology and unique and complex design, to let the material powder inside the tube generate centrifugal force, and let the material powder under the centrifugal force to make a spherical particle.

#### 产品特点

1. 该机型采用离心旋转、摩擦粘合、抛光成型、摩擦升温烘干三机合一的造粒新工艺, 彻底改变了以往投资大、工艺复杂、环节重复的传统工艺。
2. 采用离心粘合、滚动成型, 不用模具压制颗粒, 所以加工成本低、效率高。
3. 颗粒均匀、光滑、圆整、强度高、流动性好, 颗粒成型率达95%以上。
4. 在物料离心摩擦, 升温烘干粘合成型的过程中, 筒体内产生60-120的温度, 造粒过程也是烘干过程, 减少了烘干成本。
5. 设备投资少, 运行费用低。

#### Product introduction

1. This machine joins centrifugal spinning, friction bonding, polishing molding and drying together, revolutionizing the big investment, complex technology, and repeating links traditional handicraft.
2. Adopt centrifugal bonding, rolling molding, pressing particles without mould, which lower the finished cost and improving the efficient.
3. The particles are uniformity, smooth, founding, with high strength, good liquidity, and the ratio of briquetting is above 95%.
4. During the centrifuge friction and warming drying bonding processing, the temperature inside the tube is between 60-120, and the pelleting process is in accompany with the drying process, which reducing the drying cost.
5. The equipment has small investment with little running cost.

产品名称 Product name	型号 Mode	功率 Power ( kw )	产量 Yield ( t / h )
卧式离心造粒机 Horizontal Type Centrifuge Pellet Mill	ZLWL600	45	1 - 1.5
	ZLWL800	75	1.5 - 2
	ZLWL1000	90	2 - 2.5
	ZLWL1200	110	2.5 - 3
	ZLWL1400	132	2 - 3.5

注: 技术数据如果有变动, 恕不另行通知。Note: If there are technical data changes, without notice.

## 2) 圆盘造粒机

Disk Type Pellet Making Machine



### 产品介绍

圆盘造粒机，是一种成熟的有机肥造粒设备。采用喷浆造粒的工艺，物料在重力作用下，包裹水滴形成有机肥颗粒。

圆盘造粒机的造粒盘盘角采用整体圆弧结构，保证成粒率93%以上。造粒盘有三个出料口便于间断生产作业，大大降低了劳动强度，提高了劳动效率，圆盘造粒机的减速机与电动机采用柔性皮带传动，起动平稳，减缓冲击力，提高设备使用寿命。

### Product introduction

Disk pellet mill is mature organic fertilizer granulation equipment, which adopts spraying granulation technology. The material under the effect of gravity, with water drop to make an organic fertilizer particle.

Disk pellet mill pelleting dishes adopts overall arc structure, to guarantee the granulation ratio is above 93%. The three discharge hole working interruption which reducing labour intensity and improving efficiency of labour. The reduction box of the disk grain making machine is flexibility belt driving by the motor, which start smoothly, reducing the impact and improving the machine's service life.

产品名称 Product name	型号 Mode	功率 Power (kw)	产量 Yield (t/h)
圆盘造粒机 Disk Type Pellet Making Machine	ZLYP - 1200	3	0.3 - 0.5
	ZLYP - 1600	4	0.6 - 1.2
	ZLYP - 1800	5.5	1 - 2
	ZLYP - 2200	7.5	2 - 4
	ZLYP - 2800	11	4 - 6

注：技术数据如果有变动，恕不另行通知。Note: If there are technical data changes,without notice.

## 3) 转鼓造粒机

Drum Pellet Mill



### 产品介绍

转鼓造粒机是复合肥行业的关键设备之一，适用于冷、热造粒以及高、中、低浓度复合肥的大规模生产。该机筒体采用特殊的橡胶板内衬或耐酸不锈钢衬板，实现了自动除疤、脱瘤，取消了传统的刮刀装置。该机具有成球强度高，外观质量好，耐腐蚀，耐磨损，能耗低，使用寿命长，操作维修方便等特点。

### Product introduction

Drum pellet mill is key equipment in compound fertilizer industry. Apply to cold and warm pelleting and high, medium, low concentration compound fertilizer mass production. This machine adopts special rubber sheet lining and acidproof stainless steel scaleboard. Implementation self-motion scar moving, tumour casting, instead of traditional scraper equipment. This machine shares the advantage of high balling strength, good quality, anti-corrosion, stand wear and tear with low energy consumption and long service life, easy to operating and maintenance.

规格 Specification	盘边高 Plate Side High (mm)	生产能力 Yield (t/h)	转速 Revolving Speed (r/min)	主电机功率 Power (kw)	倾斜角度 Angle of inclination(°)	重量 Weight (kg)
φ1800	300	3	19	5.5	45	2240
φ2200	500	8	14.25	7.5	35-55	3150
φ2500	500	10	11.81	11	35-55	4910
φ2800	640	16	11.14	11	35-55	5660
φ3200	640	17	11.18	15	35-55	6520
φ3600	450 - 700	18 - 22	9.12	18.5	45-55	7120
φ4200	950	33	7	30	40-50	9672

注：技术数据如果有变动，恕不另行通知。Note: If there are technical data changes,without notice.



## □ 4 ) 圆球整形机

Ball Shaping Machine



### 产品介绍

圆球整形机并不是一个单独的有机肥造粒设备。圆球整形机一般与平模颗粒机相组合使用。平模颗粒机压制出的有机肥颗粒是圆柱状的颗粒，圆球整形机负责将这些不规则的颗粒，滚圆成圆球颗粒。

### 产品特点

圆球造粒机采用挤压造粒，抛光整形圆球新工艺，彻底地改变了投资大、工艺复杂破旧传统造粒工艺。圆球整形机采用模板孔径控制颗粒大小，颗粒大小调换模板，颗粒均匀、光滑、圆整、强度高、流动性好，有机肥颗粒成型率95%以上。

### Product introduction

Ball shaping machine should work with flat-die pellet mill to make organic fertilizer. Flat-die pellet mill produce columned particle which ball shaping machine make the irregular particle to ball-shaped particle.

### Product features

The ball shaping machine adopts new technology to extruding pelleting, polishing and integering, instead the traditional high investment, complex craft. The machine use template to control the size of the particle, the particle is uniformity, smooth, rounding, with high strength and good liquidity. The ratio of briquetting is more than 95%.

产品名称 Product name	型号 Mode	功率 Power (kw)	产量 Yield (t/h)
圆球整形机 Ball shaping machine	ZLYQ - 800	7.5×1	0.2 - 0.5
	ZLYQ - 800	7.5×2	0.3 - 0.6
	ZLYQ - 1000	11×2	0.6 - 1.2
	ZLYQ - 1300	15×2	1 - 2
	ZLYQ - 1600	18.5×2	2 - 4

注：技术数据如果有变动，恕不另行通知。Note: If there are technical data changes,without notice.

## (二) 附属设备

### ACCESSORY EQUIPMENT

#### □ 1 ) 圆盘搅拌机 Disk Mixing



### 产品介绍

主要用于原料的混合，盘内采用聚苯乙烯板内衬或不锈钢板，因此，不易粘料。耐用磨损，采用摆线针轮减速机，具有结构紧凑、操作方便、搅拌均匀、卸料运输方便等特点。

可根据客户要求加工各种型号设备。

### Product introduction

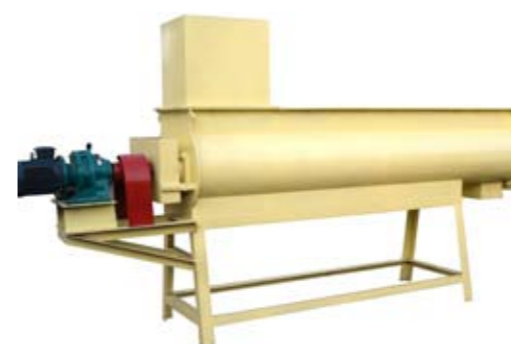
The machine is mainly use in raw material mixing. The disk use polystyrene sheet lining or corrosion resistant plate. Thus, to avoid bindering and durable abrasion. The machine adopts cycloid cam reducer which has compact structure, easy to operating, stirring uniformity, and easy to discharge and transporting.

产品名称 Product name	型号 Mode	功率 Power (kw)	产量 Yield (t/h)
圆盘搅拌机 Disk Mixing	HJYP - 120	5.5	0.9 - 1.5
	HJYP - 150	11	1.8 - 3
	HJYP - 180	22	3 - 5

注：技术数据如果有变动，恕不另行通知。Note: If there are technical data changes,without notice.

#### □ 2 ) 连续搅拌机

Continuous Mixing



### 产品介绍

单连搅拌机，又称单连混合机，是生物质燃料颗粒生产当中，用于混合搅拌物料的专用设备。单连搅拌机是连续出料的设备。

### Product introduction

Single stirring, also known as single mixing, is the machine use in biomass fuel particle making to mingling material. The single stirring machine is a continuous discharge machine.

### 产品特点

- 混合无死角，混合均匀度高，这得益于良好的转子设计。
- 转子与机壳间隙可调。
- 连续出料口设计，物料残留少。
- 采用齿轮传动，一是提高能效，二是杜绝漏料。
- 设有液体添加管道，更加方便实用。

### Product introduction

- Good rotor design makes the machine no dead angle mixing with high mixing uniformity.
- The gap between rotor and main case is changeable.
- Continuous discharge hole design reduces the vestigial of material.
- Adopt gear driving, enhance the efficient and reducing the leakage at the same time.
- With liquid adding pipelines,it is more convenient and practical.

产品名称 Product name	型号 Mode	功率 Power (kw)	产量 Yield (t/h)
单连搅拌 Single Shaft Continuous Mixer	HJDL55X3000	4	0.9 - 1.5
	HJDL55X3500	5.5	1.8 - 3
	HJDL55X4000	7.5	2.4 - 4.5

注：技术数据如果有变动，恕不另行通知。

Note: If there are technical data changes,without notice.

### 3) 粉碎机 Type Pellet Mill

#### 1> 卧式双轴链条粉碎机

Horizontal Type Double-Shaft Chain Type Pellet Mill



#### 产品介绍

链条式有机肥粉碎机, 是专门针对有机肥生产中的原料设计的破碎粉碎设备。内部采用链条结构, 充分打散, 防止粘连。

#### Product introduction

Chain organic fertilizer pulverizer is use specially for organic fertilizer making to crushing material. The inside of the machine adopts chain structure which dispersing sufficient and avoid adhering.

产品名称 Product name	型号 Mode	功率 Power ( kw )	产量 Yield ( t / h )
卧式双轴链条粉碎机 Horizontal Type Double-Shaft Chain Type Pellet Mill	FJWS65X100	22×2	4 - 6
	FJWS80X100	37×2	8 - 10
	FJWS100X100	55×2	10 - 15

注: 技术数据如果有变动, 恕不另行通知。Note: If there are technical data changes,without notice.

#### 2> 立式单轴链条粉碎机

Vertical Type Single-Shaft Chain Pulverizer



#### 3> 立式双轴链条粉碎机

Vertical Type Double-Shaft Chain Pulverizer



#### 产品介绍

适用于磷复肥行业对原料及返料的粉碎。该机采用对辊形式, 进料口布置合理, 保证物料有充分的破碎时间, 使物料破碎充分, 粒度细而均匀, 便于造粒。该机内衬不锈钢板, 防腐蚀、粘料少、易清理, 具有结构简单, 操作方便, 适应性强等特点。

#### Product introduction

Apply to phosphate and compound fertilizer industry to smash raw material and returning charge. This machine adopts double-roller form, feeding hole layout reasonable to guarantee the material have full time to crushing, which ensure the material has been fully crushed, particles size fine and uniformity, easy to make pelleting. This machine has lining corrosion resistant plate, which is anti-corrosion, less sticky material, easy to clean with simple structure and easy operation. Well-adapted to any working environment.

产品名称 Product name	型号 Mode	功率 Power ( kw )	产量 Yield ( t / h )
立式单轴链条粉碎机 Vertical Type Single-Shaft Chain Pulverizer	FJLP550	5.5	0.8 - 1
	FJLP650	7.5	1 - 2
	FJLP710	22	2 - 3
	FJLP1000	30	3 - 4

注: 技术数据如果有变动, 恕不另行通知。Note: If there are technical data changes,without notice.

产品名称 Product name	型号 Mode	功率 Power ( kw )	产量 Yield ( t / h )
立式双轴链条粉碎机 Vertical Type Double-Shaft Chain Pulverizer	FJLS650x2	11x2	2.5 - 3.5
	FJLS710X2	22x2	3 - 5
	FJLP1200x2	30x2	5 - 6

注: 技术数据如果有变动, 恕不另行通知。Note: If there are technical data changes,without notice.

### 4) 翻抛机 Fertilizer Turner



#### 产品介绍

从发酵槽的前面可自由的投入或取出的发酵方式, 粪便等废物可以较长时间的滞留, 另外做成的堆肥又可以作为水分调整材料来使用。

由于是高温发酵(鸡粪80度左右, 猪粪75度左右, 牛粪70度左右)和长期滞留, 可以生产没有二次发酵的优质堆肥, 作为有机肥对土壤的恢复有很多帮助。

#### Product introduction

The fermentation form is easy to put in and take out from the fermentation tank. The rubbish such as faeces can be long-time retention. Addition, the compost can be used as wet adjustment material. As for hot fermentation ( chicken manure: about 80°C, pig manure: about 75°C, cow dung: about 70°C ) and long-time retention, which can produce none secondary fermentation high quality compost, use as organic fertilizer to help edaphic recovery.

产品名称 Product name	型号 Mode	功率 Power ( kw )	产量 Yield
平地翻堆机 Flat-Land Upender	HJFD - 2000	28	300 - 500(m³/h)
	HJFD - 2300	40	500 - 700(m³/h)
	HJFD - 3000	150	1000 - 1500(m³/h)
槽式翻堆机 Slot Type Upender	HJCF - 5X1.8	22+0.75+0.75	2 - 5(t / h)
	HJCF - 8X1.8	37+1.1+1.1	4 - 6(t / h)
	HJCF - 10X1.8	45+1.1+1.1	5 - 8(t / h)

注: 技术数据如果有变动, 恕不另行通知。Note: If there are technical data changes,without notice.

### 5) 滚筒筛 Drum Screen



#### 产品介绍

滚筒筛是有机肥生产中用到的分筛设备中比较简单的一个。结构简单, 运行平稳, 筛分可靠, 并装有清筛装置, 生产能力大, 维修方便, 根据筛孔尺寸可以分段筛分。

#### Product introduction

Drum sieve is a simple machine in organic fertilizer producing and sizing, with simple structure, operate steadily, and sizing reliable.

产品名称 Product name	型号 Mode	功率 Power ( kw )	产量 Yield ( t / h )
滚筒筛 Drum Screen	SJGT - 80x2.5	1.1	0.5 - 1
	SJGT - 100x3	1.5	1 - 2
	SJGT - 120x3	2.2	1.5 - 4
	SJGT - 150x4	3	2 - 5
	SJGT - 180x6	3	3 - 7
	SJGT - 200x6	4	4 - 8
	SJGT - 220x6	4	5 - 10

注: 技术数据如果有变动, 恕不另行通知。Note: If there are technical data changes,without notice.

### (三) 生产线流程图 PRODUCTION LINE FLOW CHART



## 烘干、冷却设备 DRYING MACHINE, COOLING MACHINE

### (一) 烘干机 DRYING MACHINE



#### 产品介绍

热风从热风炉进入烘干机筒体，物料从进料口进入，在烘干机内物料被扬料板扬起，然后热风与物料接触，带走物料中的水份。物料从出料口出来，热风被从上端抽走。物料的行进主要靠扬料板的推进作用。

滚筒烘干机，自己单独是不能工作的，一般还需要配上热源（热风炉）、风机、沙克龙，有时还要除尘设备。

滚筒烘干机本身由筒体、进料口、出料口、齿圈、光圈、组成。

#### Product introduction

Hot wind from hot-blast stove into the varrel of stove, material entrance from feeding hole. Inside the stoving, the material will be kicked up by the lifting blade and the hot wind will contact with the material, and take away the moisture inside the material. The material comes out from the discharge hole and the hot wind will be taken out from the upper end. The march forward of the material is based on the impelling action of lifting blade.

Roller stoving cannot work alone, generally, it need a heat source (hot blast heater), fan, chakroun, dust-cleaning apparatus if needed.

Roller stoving consists of barrel, feeding hole, discharge hole, gear ring, diaphragm.

产品名称 Product name	型号 Mode	功率 Power (kw)	风机功率 The power of fan(kw)	重量 Weight (t)
滚筒烘干机 Roller drying machine	HJGH $\phi$ 0.8 $\times$ 8 $\times$ 1	4	5.5	3.8
	HJGH $\phi$ 0.8 $\times$ 12 $\times$ 1	4	5.5	5.21
	HJGH $\phi$ 1.0 $\times$ 8 $\times$ 1	5.5	5.5	4.2
	HJGH $\phi$ 1.0 $\times$ 12 $\times$ 1	5.5	5.5	6.27
	HJGH $\phi$ 1.2 $\times$ 10 $\times$ 1	5.5	7.5	6.9
	HJGH $\phi$ 1.2 $\times$ 12 $\times$ 1	5.5	7.5	8.34
	HJGH $\phi$ 1.4 $\times$ 8 $\times$ 1	5.5	11	7.58
	HJGH $\phi$ 1.4 $\times$ 12 $\times$ 1	7.5	11	11.38
	HJGH $\phi$ 1.4 $\times$ 15 $\times$ 1	7.5	11	12.47
	HJGH $\phi$ 1.5 $\times$ 8 $\times$ 1	5.5	11	9.59
	HJGH $\phi$ 1.5 $\times$ 12 $\times$ 1	7.5	11	12.98
	HJGH $\phi$ 1.5 $\times$ 15 $\times$ 1	11	15	13.8
	HJGH $\phi$ 2.5 $\times$ 24 $\times$ 1	22	37	49.97
	HJGH $\phi$ 2.5 $\times$ 12 $\times$ 3	18.5	55	50.63
HJGH $\phi$ 2.8 $\times$ 20 $\times$ 1	22	45	52.3	
HJGH $\phi$ 2.8 $\times$ 24 $\times$ 1	22	45	58.8	

注：技术数据如果有变动，恕不另行通知。  
Note: If there are technical data changes, without notice.

## (二) 冷却机

### COOLING MACHINE



产品名称 Product name	产品名称 Product name	功率 Power ( kw )	产量 Yield ( t / h )
冷却机 Cooling machine	LQNL-1.2 (方箱)拖排 ( square chest ) raft-towing	1.1+1.5	0.5 - 0.8
	LQNL-1.5拖排	1.5+0.25/1.5+1.5	1 - 2
	LQNL-2.5拖排 raft-towing	2.2+0.55/2.2+2.2	3 - 5
	LQNL-4震动/拖排 vibrating/raft-towing	3+0.37/2.2+3	5 - 8
	LQNL-6震动/拖排 vibrating/raft-towing	4+0.37/3+5.5	8 - 12

注：技术数据如果有变动，恕不另行通知。  
Note: If there are technical data changes, without notice.

### 产品介绍

逆流式冷却机采用逆流式冷却原理，颗粒冷却充分、均匀，独特的滑阀振动式机构排料，运转平稳，排料流畅，冷却后的颗粒温度不高于室温3-5℃，产量大，冷却效果好，自动化程度高，噪音低，维修少，为国外先进国家广泛采用的机型，是高级取代型冷却设备。

### Product introduction

Reverse-flow Cooling adopts reverse-flow cooling theory. The particle can be fully and equality cooling. The unique guiding valve vibrating layout organization operates smooth and steady, layout fluency. After cooling, the particles' temperature is no higher than + 3 - 5℃. It shares the advantage of large yield, good cooling effect, automate considerably with low noise and few maintain, which is widely used in abroad advanced countries. Our reverse-flow is an advanced substitutional cooling equipment.

## 工程实例

### PROJECT EXAMPLES



时产4-6吨木屑颗粒生产线 Wood pellet production line 4-6 t/hour



时产6-8吨制粒生产线 6-8 t/hour Pellet Production Line 客户施工现场案例 Client Construction Site Case



时产5吨稻草颗粒生产线 Straw pellet production line 5 t/hour



时产3-5吨生物质颗粒生产线 Biomass pellet production line 3-5 t/hour



时产2吨杂草颗粒生产线  
Grass pellet production  
line 2 t/hour

时产2-3吨木屑颗粒生产线  
Wood pellet production line  
2-3 t/hour



时产2-3吨秸秆颗粒生产线  
Straw pellet production line 2-3 t/hour



客户施工现场案例 Client Construction Site Case



客户施工现场案例 Client Construction Site Case

# 宏图运略

## GRAND AMBITIONS

因为精心 所以精彩

恒美百特——

一个正在茁壮成长的机械制造企业，  
在精心中求创新，  
在创新中求发展，  
在发展中求永恒！

Careful makes wonderful

Hengmei Better –

A growing enterprice of machinery manufacturing

Get Innovation by careful ,

Seek for development in innovation,

Go to eternal by developing!

# 服务承诺

## SERVICE COMMITMENT

### ■24小时无忧服务

- 1、一天响应制：故障排除努力控制在 24 小时内完成。
  - 2、二重督办制：总经理与营销经理双重督办，为服务提供人力、物力、财力、技术指导配件供应等绿色通道。
  - 3、三分钟响应制：要求服务人员接到派工单指令后 3 分钟内与客户联系。
  - 4、配件供应保障制：用最快、最有效的方式在最短的时间内送达。  
服务网络：运及全国的服务网点，为客户提供无缝式快捷服务。  
服务管理模式：以顾客为中心、维修服务、快捷服务、回访服务、配件管理服务。沟通信息，全程跟踪。
- 增值服务：
- ①全年滚动式提供操作人员培训。
  - ②设备定期回访监测。
  - ③技术升级。

### ■24- hours service

- 1、one day response system: clean troubles with in 24 hours.
  - 2、double supervision: general manager and marketing manager double supervise working system can provide human, material and financial resources, technical guidance timely.
  - 3、three minutes response system: service personnel contact customer within 3 minutes when getting the service instructions.
  - 4、enough accessories supply system: delivery spareparts to customer with the fastest and most effective way timely.  
Service network: national service network, provide quick service.  
Service management mode: customer first, maintenance service, quick and easy service, visit and communicate with customer regually.
- Value-added services:
- ① provide operating personnel training all year long regularly.
  - ② regular visits
  - ③ technology update.

### ■售后服务程序

- 售前服务：
- ①帮助客户了解设备的性能、规格、特点等。
  - ②满足客户的咨询、帮助客户拟定使用方案及可行性分析。
- 售中服务：
- ①免费培训设备操作及维修人员。
  - ②指导安装的方式。
  - ③送货上门，代办运输。
- 售后服务：
- ①提供 24 小时服务热线咨询。
  - ②继续为客户培训，操作及维修人员。
  - ③定期走访客户，了解设备运行状况。
  - ④保障配件的供应。
  - ⑤受理用户投诉、及时给予处理。
  - ⑥注重信息反馈。
  - ⑦建立定期的顾客产品使用档案。
  - ⑧终身供应配件。
- Service program :
- Pre-sales service:
- ① introduce performance, specifications, characteristics of equipment.
  - ② answer customers questions and offer workable plan with feasibility analysis .
- Sales service:
- ① train how to operate and maintenance equipment for free.
  - ② offer way to install equipment.
  - ③ offer door-to-door delivery.
- After-sales service:
- ① provide 24-hour service hotline.
  - ② offer training works for customers.
  - ③ visit customers regularly to konw the state of equipment.
  - ④ enough spare parts supply.
  - ⑤ deal with users complaints promptly.
  - ⑥ pay attention to customers information feedback.
  - ⑦ make products use archives regularly.
  - ⑧ supply accessories for equipment all year long.