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FOCUS EFFICIENCY SCIENCE

为责任而生，为未来而来
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东莞市智力输送机械有限公司
DONGGUAN INTELLIGENCE CONVEYING MACHINERY CO., LTD.

R&D DESIGN PRODUCTION SALES
研发 设计 生产 销售



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为 责 任 而 生 ， 为 未 来 而 来
BORN FOR RESPONSIBILITY, COMING FOR THE FUTURE

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ENTERPRISE CULTURE

企业简介

东莞市智力输送机械有限公司是以研发、设计、生产、销售、顾问及工程安装于一体的工程服务商。

公司聚焦于包装行业，以科技力量助力薄膜包装产业发展，优化原料卸料、拆包、输送、储存、配料等原料搬运的各个环节，提供称重喂料的自动送料、集中配料等多种自动化解决方案和高品质设备。

Dongguan Zhizhi Conveying Machinery Co., Ltd. is an engineering service provider integrating R&D, design, production, sales, consulting and engineering installation.

The company focuses on the packaging industry, assists the development of the film packaging industry with scientific and technological strength, optimizes all aspects of raw material handling such as raw material unloading, unpacking, transportation, storage, and batching, and provides automatic feeding of weighing feeding, centralized batching and other automation. Solutions and high-quality equipment.

COMPANY CULTURE 企业文化◆

我们将从满足人性化及员工自我发展的愿望出发，为员工最大限度的创造职业发展的机会和空间，在为股东创造效益、为社会创造财富的同时实现员工个人回报的同步增长。通过建立严格、科学的内部管理机制，尊重个人差异，鼓励自主创新，倡导学习成长的管理理念，为员工营造一个公平、和谐、有序的工作环境，搭建一个让每位员工的才能都能充分发挥的平台，使个人与企业共同发展。

We will start from satisfying the desire of humanization and self-development of employees, create opportunities and space for career development for employees to the greatest extent, and realize the simultaneous growth of personal returns of employees while creating benefits for shareholders and wealth for the society. By establishing a strict and scientific internal management mechanism, respecting individual differences, encouraging independent innovation, and advocating the management concept of learning and growth, we will create a fair, harmonious and orderly working environment for employees, and build an environment where each employee's talents can be fully Play a platform to enable individuals and enterprises to develop together.

01 经营理念 Business philosophy
创新驱动发展，品质赢得市场。
Innovation drives development, and quality wins the market.

02 企业愿景 corporate vision
全球高端的集中供料供应商。
Global high-end centralized material supplier.

03 企业使命 Corporate mission
帮客户建设理想工厂，助员工实现人生梦想。
Help customers build ideal factories and help employees realize their dreams in life.

04 价值观 values
专注、高效、科学
Focused, efficient, scientific

OUR SERVICE

我们的服务



- **工程设计，机械&设备布局**
Engineering Design, Mechanical & Equipment Layout
- **专业技术咨询**
Professional technical consultation
- **制造&装配**
Manufacturing & Assembly
- **工艺改进**
Process improvement
- **质量&物流控制**
Quality & Logistics Control
- **能耗优化**
Energy consumption optimization
- **安装&调试**
Installation & Commissioning
- **设备维护**
Equipment maintenance
- **工艺&生产**
Process & Production
- **备品件采购&服务**
Spare Parts Procurement & Service
- **交钥匙工程项目管理**
Turnkey project management



WE ARE BY YOUR SIDE

我们就在您身边

我们的项目执行能力旨在为客户提供量身定制的解决方案，
以满足我们每个客户的生产需求。

Our project execution capabilities are designed to provide customers with tailor-made solutions, To meet the production needs of each of our customers.

ENGINEERING CASE

工程案例



ENGINEERING CASE

工程案例



ENGINEERING CASE

工程案例



中央控制柜

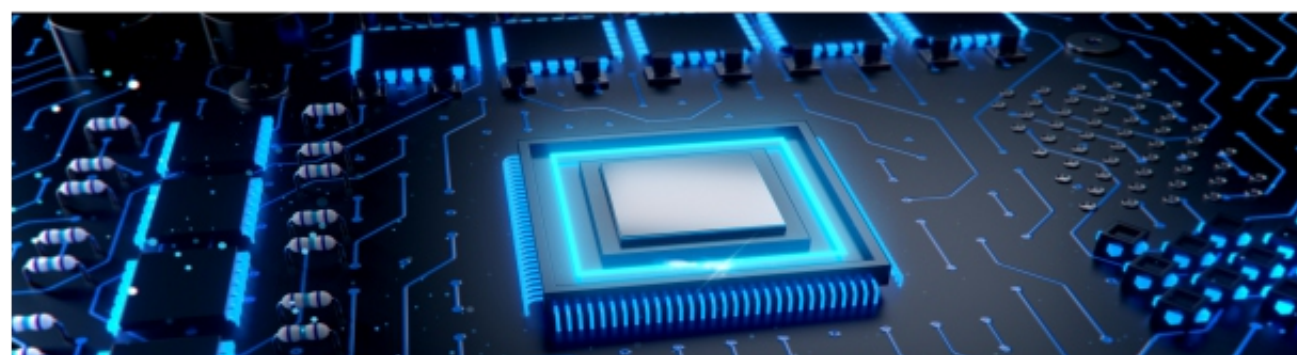
Central control cabinet

1. 采用德国SIEMENS PLC控制，通过程序来集中控制系统的除尘、输送供料、报警等工作，对整个系统进行监控。功能强大，扩充性强，维护方便，电气故障率低，节约维修成本，并有能耗管理，操作安全性高。
2. 工控机采用研华一体机TPC系列 iDoor 技术支持多种扩展模块，宽温等级，无风扇嵌入式触控平板电脑。

1. Using German SIEMENS PLC control, through the program to centrally control the dust removal, conveying and feeding, alarming and other work of the system, and monitor the entire system. Powerful functions, strong scalability, easy maintenance, low electrical failure rate, saving maintenance costs, and energy consumption management, high operational safety.
2. The industrial computer adopts Advantech all-in-one TPC series iDoor technology to support a variety of expansion modules, wide temperature levels, fanless embedded touch panel computer.



•65寸4K显示器：显示集中供料系统的运行状态
65-inch 4K display: display the running status of the centralized feeding system



数据工厂

Data factory

1. 追踪功能(Tracking)

精准掌握制造资源的最新状况及历史过程

2. 监督功能(Monitoring)

实时收集所有现场的质量资料

3. 控制功能(Controlling)

随时了解各重要生产设备的状况

4. 管理功能(Management)

将现场实时收集的资料，以及监督控制的状况都立即存入数据库中，不但有最新的状况也有长期储存的历史资料，利用数据库强大的查询、分析、报表功能，使得传统人工方式无法达到的管理功能得以在系统中实现。

5. 信息查询功能 (Search Information)

产品品质追溯，新产品研发、管理层了解生产状况，业务订单生产进度等。通过整合生产现场的投料、加工、组装、质检、维修、包装、入库等生产数据收集，保证了信息查询的全面、准确性。

1. Tracking

Accurately grasp the latest status and historical process of manufacturing resources

2. Monitoring function (Monitoring)

Collect quality data from all sites in real time

3. Controlling

Keep abreast of the status of important production equipment

4. Management function (Management)

The data collected in real time and the status of supervision and control are immediately stored in the database, not only the latest status but also the historical data stored for a long time. Using the powerful query, analysis and reporting functions of the database, the management can not be achieved by traditional manual methods. function can be realized in the system.

5. Information query function (Search Information)

Product quality traceability, new product development, management understanding of production status, business order production progress, etc. By integrating the collection of production data such as material feeding, processing, assembly, quality inspection, maintenance, packaging, and warehousing at the production site, the comprehensiveness and accuracy of information query are guaranteed.



集中称重混料系统

Centralized weighing and mixing system



性能特点 Performance characteristics

集中称重混料系统机组系列适用于多种原料，大批量混料要求。该系统拥有多项专利技术，满足一套系统供多台机同时使用。并可实现再生片料称重计量混合。

- 1.可设定原料之间的比例或重量，操作简单方便。
- 2.自诊定功能，智能算法，可根据上一批次时间自动演算，提高精度。
- 3.各机台可分别设置配方，满足使用要求。
- 4.机台用料统计，设定用量报警提示。
- 5.实现在线换料，并最大程度减少换料原料浪费。
- 6.组份从1-50种，满足多种原料需求。
- 7.多项专利技术，满足计量精度与混合均匀性。
- 8.可实现再生片料称重计量。

The centralized weighing and mixing system unit series is suitable for a variety of raw materials and large-scale mixing requirements. The system has a number of patented technologies, which can satisfy a set of systems for multiple machines to use at the same time. It can also realize weighing and metering mixing of recycled flakes.

1. The ratio or weight between the raw materials can be set, and the operation is simple and convenient.
2. Self-diagnosis function, intelligent algorithm, can automatically calculate according to the last batch time, improve accuracy.
3. Each machine can set the formula separately to meet the requirements of use.
4. Machine material statistics, set consumption alarm prompt.
5. Realize online refueling and minimize the waste of refueling raw materials.
6. Components from 1 to 50 to meet the needs of a variety of raw materials.
7. A number of patented technologies to meet the measurement accuracy and mixing uniformity.
8. Can realize the weighing and measurement of recycled flakes.

技术参数 Technical Parameters

机型	ZJC50-1000	ZJC75-1500	ZJC100-2000	ZJC150-3000	ZJC200-4000
组份	1-50	1-50	1-50	1-50	1-50
产能(KG/H)	1000	1500	2000	3000	4000
批次重量(KG)	50	75	100	150	200
总功率(KW)	1.1	1.1	1.5	1.5	2.2

※备注：如添加再生片料单独注明 If reclaimed flakes are added, please specify separately

称重计量机

Weighing and measuring machine



性能特点 Performance characteristics

称重计量机可以精确计量并混合多达12种原料，采用模块化设计，可进行多种组合，通过设定值与实际值的比较计算，连续优化混配过程，获得与配方要求一致的高品质混合料。

- 1.奥地利进口专用称重控制系统，确保性能可靠，维护简便。
- 2.失重式计量技术带来更高的精度。
- 3.通过软件实现自主优化及自动原料校准的全过程控制。
- 4.震动控制功能用于外界环境干扰产生的震动。
- 5.具有从本地控制级别到更高级别工厂数据管理的扩展报告功能。
- 6.利用以太网控制连接MES系统、工业电脑等，可以监测和控制整个工艺流程和生产数据。

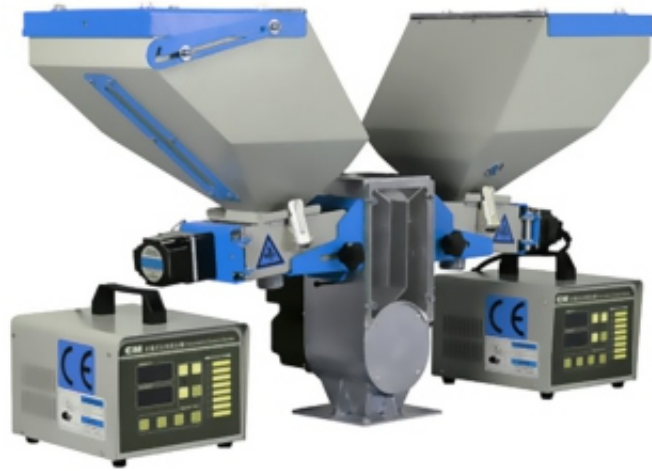
The weighing and weighing machine can accurately measure and mix up to 12 kinds of raw materials. It adopts a modular design and can be combined in various ways. Through the comparison and calculation of the set value and the actual value, the mixing process can be continuously optimized to obtain a high level that is consistent with the formula requirements. quality mix.

1. The special weighing control system imported from Austria ensures reliable performance and easy maintenance.
2. Weightless measurement technology brings higher precision.
3. The whole process control of self-optimization and automatic raw material calibration is realized through software.
4. The vibration control function is used for the vibration caused by the external disturbance.
5. With extended reporting capabilities from local control level to higher level plant data management.
6. Using Ethernet control to connect MES system, industrial computer, etc., can monitor and control the entire process and production data.

技术参数 Technical Parameters

机型	ZCZ4-60	ZCZ4-100	ZCZ6-300	ZCZ6-600	ZCZ6-1000
配料数量	2-4	2-4	2-6	2-8	2-12
平均产量 (KG/H)	60	100	300	600	1000
每种主原料的配料百分比%	1-100	1-100	1-100	1-100	1-100
每种添加剂的配料百分比%	0.3-10	0.3-10	0.3-10	0.3-10	0.3-10
总功率KW	0.09/220V	0.09/220V	0.2/220V	0.37/380V	0.75/380V
尺寸L*W*H	700*770*1560	700*770*1720	950*920*2030	950*920*2030	1250*1160*2560

色母机 Masterbatch



性能特点 Performance characteristics

色母机可用于新料、次料、色母或添加剂等自动比例混合。另有双色色母机可选，可供多种色母喂料的使用场合，更能弥补称重微量添加空白。

1. 模块化可拆卸式设计，可快速更换螺杆及套筒。
2. 使用高精度混合式步进电机，计量准确并且输出量范围广。
3. 马达直接驱动，无减速箱，寿命长、免维护。
4. 采用微电脑控制器，操作简单。
5. 具有50组配方存取功能，可快速调用启动机器。
6. 计量部分可以从底座整体拆除而不会漏料。

The masterbatch machine can be used for automatic proportion mixing of new materials, secondary materials, masterbatches or additives. Another two-color color masterbatch machine is optional, which can be used for a variety of color masterbatch feeding occasions, and can make up for the micro-addition gap of the weighing machine.

1. Modular and detachable structure design, which can quickly replace the screw and sleeve.
2. Using high-precision hybrid stepping motor, the measurement is accurate and the output range is wide.
3. The motor is directly driven, no reduction of the whole box, long life and maintenance-free.
4. Using microcomputer controller, easy to operate.
5. It has 50 groups of recipe access functions, which can quickly call and start the machine.
6. The metering part can be removed from the base as a whole without leakage.

技术参数 Technical Parameters

机型	单色机ZSM-H	双色机ZSM-D
马达功率KW	0.4	0.4*2
螺杆外径mm	16	16
输出量 kg/hr	0.1-130	0.2-260
储料斗L	10	10*2
外型尺寸H(mm)	420	420
W(mm)	585	1030
D(mm)	300	300
净重KG	18	30

※注：1. 以上模型输出量是以堆积密度为1.0kg/L、直径2-3mm的色母颗粒原料以连续运行的方式测量所得的数据，实际输出能力取决于实际使用原料的特性，如堆积密度、流动性、颗粒大小等，也取决于配方；2. 机器电压规格为：10, 230VAC, 50Hz.

1. The output of the above model is the data obtained from the continuous operation of the color masterbatch raw materials with a bulk density of 1.0kg/L and a diameter of 2-3mm. The actual output capacity depends on the characteristics of the actual raw materials used, such as Bulk density, Fluidity, particle size, etc., also depend on the formula; 2. The machine voltage specification is: 10, 230VAC, 50Hz.

选装件: 可先装低料位计，方便在色母缺料时，提前报警。
Optional parts: The low material level meter can be installed first, which is convenient to alarm in advance when the color masterbatch is short of material.

配件: 搅拌底座，增强混合均匀度。
Accessories: Stirring base to enhance mixing uniformity.

脉冲式吸料机 Pulse-type suction machine



性能特点 Performance characteristics

脉冲式吸料机可迅速清洁地将塑料颗粒输送致成型机料斗，免清理过滤器，可确保工厂清洁，并省去更换过滤器，节约成本。拥有多种静音、且低维护需求的真空风机和泵，实现物料的高输送能力脉冲式除尘，具有过滤器自动清洁功能和大容积粉尘收集桶。

The pulse suction machine can quickly and cleanly transport plastic particles to the hopper of the molding machine, no need to clean the filter, which can ensure the cleanliness of the factory, and save the cost by eliminating the need to replace the filter. It has a variety of vacuum fans and pumps that are quiet and low-maintenance, realize pulse-type dust removal with high conveying capacity of materials, automatic filter cleaning function and large-volume dust collection bucket.

技术参数 Technical Parameters

型号 Model	马达 motor kw/HP	输送能力 Conveying capacity (kg/h)	吸料扬程 Loading distance (m)	静风压 Static wind pressure (mm/H ₂ O)	储料桶容量 Hopper volume (L)	送料管内径 Conveying tube inner dia (mm)	配送料管 Attached hoses (mm)	外形尺寸 Dimensions (cm)	净重 Weight (kg)
ZAL-330G	1.15	200	3	1660	7.5	Φ38	Φ38mmx4m (2pcs)	主机/Main frame 59.5x34.5x38.5	主机/Main frame 14
ZAL-800G	1.1/3 3Φ	450	4	1880	9	Φ38	Φ38mmx4m (2pcs)	主机/Main frame 42x38x64	主机/Main frame 47
								储料桶/hopper 45x32x45	储料桶/hopper 7
ZAL-3HP	感应式/Induction 2.2 3Φ	600	6	2400	12	Φ38	Φ38x5m	主机/Main frame 50x40x72	主机/Main frame 68
								储料桶/hopper 45x32x45	储料桶/hopper 7
ZAL-5HP	感应式/Induction 3.75 3Φ	600	6	2400	12	Φ38(Φ51)	Φ38x5m	主机/Main frame 50x40x72	主机/Main frame 70
								储料桶/hopper 45x32x45	储料桶/hopper 7
ZAL-7.5HP	感应式/Induction 5.5 3Φ	800	8	2400	21	Φ51(Φ63)	Φ51x6m	主机/Main frame 50x40x72	主机/Main frame 75
								储料桶/hopper 45x32x45	储料桶/hopper 8.5
ZAL-10HP	感应式/Induction 7.5 3Φ	1000	10	2400	36	Φ51(Φ63)	Φ51x6m	主机/Main frame 50x40x72	主机/Main frame 85
								储料桶/hopper 93x31.5	储料桶/hopper 12
ZAL-15HP	感应式/Induction 11 3Φ	2000	15	2800	50	Φ63(Φ76)	Φ63x10m	主机/Main frame 210x68x80	主机/Main frame 228
								储料桶/hopper 97.5x35x48.5	储料桶/hopper 15

罗茨风机、中央过滤器

Roots blower, central filter



性能特点 Performance characteristics

智力风机脉冲组合系列，提供从每小时几十公斤到几吨的型号需求，配备自动切换阀，中央过滤器收集系统中的粉尘和细微杂质，自动清洗除尘。

1. 备用风机自动切换
2. 不停机清理粉尘
3. 粉体下料专用阀，落尘更顺畅，
4. 超大容量集尘桶 双卡槽设计，不漏粉尘
5. 配置高压储气罐，超压保护
6. 铁氟龙镀膜布袋，有效减少粉尘覆着，自动反吹功能
7. 可选配风机隔音罩，外观新颖，外表光亮

The intellectual fan pulse combination series provides models ranging from dozens of kilograms to several tons per hour. It is equipped with an automatic switching valve, and the central filter collects dust and fine impurities in the system, and automatically cleans and removes dust.

1. Automatic switching of standby fans
2. Non-stop cleaning of dust
3. The special valve for powder feeding makes the dust fall more smoothly,
4. Large-capacity dust bucket with double card slot design, no dust leakage
5. Equipped with high pressure gas storage tank, overpressure protection
6. Teflon coated cloth bag, effectively reduce dust coverage, automatic back blowing function
7. Optional fan soundproof cover, novel appearance, bright appearance

旋转下料阀/分路阀

Rotary discharge valve/Shunt valve



性能特点 Performance characteristics

旋转下料阀的结构是带有数个叶片的转子在圆筒形的机壳内旋转，从上部料斗落入的物料，充塞在叶片间的空腔内，随叶片的旋转到下部而卸出，机体侧面设有均压排气孔，可将叶轮回带来的高压气体从此排走，减少气体顶料现象，有利于物料的顺利下落。对于压送式、吸送式气力输送系统，旋转阀是主要的组成部件之一，它可以均匀而连续地向输料管内供料。而在系统的分离、收尘部，它又具备卸料器的功能。

※转子末端皆倒角处理，可减少摩擦力与夹料发生；

1. 入料采用特殊设计，使下料时原料能顺利排料不会产生夹料（咬料）；
2. 粉粒体输送时可加purge,防止原料夹饼或咬料卡死；
3. 轴承为独产设计，可避免粉尘污染伤害轴承与轴心。

The structure of the rotary unloading valve is that the rotor with several blades rotates in the cylindrical casing, and the material falling from the upper hopper is filled in the space between the blades, and is discharged with the rotation of the blades to the lower part. There is a pressure equalizing vent on the side, which can discharge the high-pressure gas brought by the rotation of the impeller, reducing the phenomenon of gas topping, which is conducive to the smooth falling of the material. For pressure-feeding and suction-feeding pneumatic conveying systems, the rotary valve is one of the main components, which can supply material to the conveying pipe uniformly and continuously. In the separation and dust collection part of the system, it also has the function of unloader.

※The end of the rotor is chamfered to reduce friction and material clamping;

1. The feeding adopts a special design, so that the raw materials can be discharged smoothly without causing material clamping (biting) during cutting;
2. Purge can be added when the powder and granules are conveyed to prevent the raw materials from jamming or biting;
3. The bearing is an exclusive design, which can prevent dust pollution from damaging the bearing and the shaft.

技术参数 Technical Parameters

型号 Model	口径 bore	容积 L/rev	电动机 kw	外形尺寸(mm)						N-Φd	重量(KG) weight
				A	B	H	L	D1	D		
ZFR015	125A	1.8	0.37	545	540	280	260	210	250	8-Φ23	54
ZFR030	125A	2.8	0.37	565	540	300	260	210	250	8-Φ23	70
ZFR050	150A	4.3	0.55	595	560	330	280	240	285	8-Φ23	92
ZFR070	200A	6.6	0.75	700	690	350	350	295	340	8-Φ23	115
ZFR120	250A	12.6	0.75	755	760	420	383	350	395	12-Φ23	160
ZFR220	300A	22.3	1.5	832	886	490	443	400	445	12-Φ23	240
ZFR300	300A	31.4	1.5	999	886	545	443	400	445	12-Φ23	330
ZFR400	350A	41.5	2.2	1031	946	585	473	460	505	16-Φ23	390
ZFR600	400A	59	2.2	1081	1066	645	533	515	565	16-Φ27	410
ZFR800	450A	80	4					565	615	20-Φ27	620

室外料仓 Outdoor silo



性能特点 Performance characteristics

1. 经验丰富的存储方案，革新传统工厂设计模式，节约空间和厂房，降低运输人力和包装成本；
2. 可选称重系统，对原料的储存过程进行自动监控；
3. 降低物料洒落和污染，至少可以节省1-2%的物料；
4. 颠覆传统工厂物料转运、存储方式，降低物料搬运的人工成本，精准掌握工厂数据；
5. 通过将物料集中存储，大大降低物料处理成本维护；
6. 各种容量规格满足不同客户需求。

1. Experienced storage solutions, innovate the traditional factory design mode, save space and factory buildings, and reduce transportation labor and packaging costs;
2. Optional weighing system to automatically monitor the storage process of raw materials;
3. Reduce material spillage and pollution, at least 1-2% of material can be saved;
4. Subvert the traditional factory material transfer and storage method, reduce the labor cost of material handling, and accurately grasp the factory data;
5. By centralizing the storage of materials, the cost and maintenance of material handling can be greatly reduced;
6. Various capacity specifications to meet different customer needs.

拼装式料仓 Assembled silo



性能特点 Performance characteristics

1. 经验丰富的存储方案，实现空间的有效利用；
2. 创新式设计，提供多种组合，可轻松适应个性化需求和各种特殊场地；
3. 模块化设计，整个料仓由面板拼装，螺栓连接，便于运输和现场组装；
4. 整体玻璃幕墙外观设计，脚架烤漆并采用拼装方式，实用上档次；
5. 强大的可拓展结构，轻松扩容；
5. 料仓所在部件均可拆卸，可轻松通过所有标准门；
6. 可选称重系统，对原料的储存过程进行自动监控，累积原料数据；
7. 各种容量规格满足不同客户需求。

1. Experienced storage solutions to achieve effective use of space;
2. Innovative design, providing a variety of combinations, which can easily adapt to individual needs and various special venues;
3. Modular design, the entire silo is assembled by panels and connected by bolts, which is convenient for transportation and on-site assembly;
4. The appearance design of the overall glass curtain wall, the tripod is painted and the assembly method is adopted, which is practical and high-grade;
5. Powerful scalable structure, easy to expand;
5. The parts where the silo is located can be disassembled and can easily pass through all standard doors;
6. Optional weighing system to automatically monitor the storage process of raw materials and accumulate raw material data;
7. Various capacity specifications to meet different customer needs.

技术参数 Technical Parameters

机型	组件 (桶体+脚架)			材质		桶体	
	L (mm)	W (mm)	H (mm)	桶体	脚架	容积 (M³)	体积 (M³)
ZFC-2	1550	1550	2730	SUS201	SPCC	2	6.6
ZFC-4	1550	1550	3770	SUS201	SPCC	4	9
ZFC-6	1550	1550	4810	SUS201	SPCC	6	11.6
ZFC-8	1550	1550	5850	SUS201	SPCC	8	14
ZFC-10	1550	1550	6890	SUS201	SPCC	10	16.6
ZFC-15	2380	2380	4700	SUS201	SPCC	15	26.6
ZFC-20	2380	2380	5580	SUS201	SPCC	20	31.6
ZFC-30	2380	2380	6460	SUS201	SPCC	30	36.6
ZFC-40	4760	2380	5580	SUS201	SPCC	40	63.2
ZFC-50	4760	2380	6020	SUS201	SPCC	50	68.2
ZFC-70	4760	2380	7780	SUS201	SPCC	70	88.2

※注：1. * 桶体材质可选配SUS304，产品规格若有变更，恕不另行通知。2. 可根据场地现场定制。
1. The *** barrel material can be selected with SUS304. Product specifications are subject to change without prior notice. 2. It can be customized according to the site.

拆包 Unpacker

性能特点 Performance characteristics



从槽罐车、集装箱、吨袋、25KG散装、托盘，每种形式，我们给到贴合您生产实际需求、经过验证并行之有效的解决方案，逐层拆包机。

1. 经过验证并行之有效的解决方案；
2. 自动拆包投料、自动收集托盘、收集废袋一站式解决；
3. 高效的拆包方式，每小时拆包量达到10-15T；
4. 高真空率，自动除尘，轻松应对各种苛刻环境。

From tank truck, container, big bag, 25KG bulk, pallet, every form, we give Layer-by-layer unpacking machine to a proven and effective solution that fits your actual production needs.

1. A proven and effective solution;
2. One-stop solution for automatic unpacking and feeding, automatic collection of trays, and collection of waste bags;
3. Efficient unpacking method, the unpacking volume per hour reaches 10-15T;
4. High air ratio, automatic dust removal, easy to deal with various harsh environments.

吨袋、自动拆包机

Ton bag, automatic unpacking machine



物料在破袋过程中和物料分离过程均为全密闭进行，无粉尘外泄，噪音小，改善作业环境。

1. 无需对设备调整，就可处理不同尺寸的包装袋；
2. 破袋能力：100-1000袋/H；
3. 整机功率10-17KW；
4. 可处理单层或多层纸、聚乙烯、聚乙烯内衬纸、编织袋；

The material in the bag breaking process and the material separation process are fully enclosed, no dust leakage, low noise, and improve the working environment.

1. It can handle bags of different sizes without adjusting the equipment;
2. Bag breaking capacity: 100-1000 bags/H;
3. The power of the whole machine is 10-17KW;
4. Can handle single or multi-layer paper, polyethylene, polyethylene lined paper, woven bags;

机械手拆包

Unpacking the robot



机械手拆包主要应用于工厂用料不大，工厂招工难，人工成本高、人的不确定性因素大，采用进口机械手，重复精度高、效率更高。

Manipulator unpacking is mainly used in factories with small materials, difficult recruitment in factories, high labor costs, and uncertainty of people. The sex factor is large, and the imported manipulator is used, which has good repeatability and higher efficiency.

称重失重喂料机

Weighing loss-in-weight feeder



性能特点 Performance characteristics

称重失重喂料机是一个可连续性工作的失重式计量工作站，它符合均匀连续配料要求，实现24小时/7天的连续性工作，免维护。每一组分都可单独称重，并以实重进行配料。连续同步的计量配料保证了集料斗中的混合物保持高度精确和均匀性，通过挤出量控制和牵引控制功能，精确控制产品的厚度和米重。

设计牢固和紧凑，具有3种规格并且均可增添至6个计量单元。每个计量模块都有自己的称重传感器，混配量为0.2到1200kg/h

1. 实现快速短时间的精密度配料
2. 紧凑牢固的设计，节约空间
3. 根据智力的重力混配原理实现混配的均匀性
4. 可快速更换原料，且设备易于清洁
5. 通过进程数据所显示的图形对每个混配模块甚至整个配站进行过程控

Weighing loss-in-weight feeder is a loss-in-weight metering workstation that can work continuously. It meets the requirements of uniform and continuous batching, realizes 24 hours/7 days of continuous work, and is maintenance-free. Each component can be weighed individually and dosed by actual weight. Continuous and synchronous dosing ensures that the mixture in the hopper remains highly accurate and uniform, and the thickness and meter weight of the product are precisely controlled through the extrusion volume control and traction control functions.

Robust and compact design, available in 3 sizes and can be added to 6 dosing units. Each dosing module has its own load cell and mixes from 0.2 to 1200kg/h

1. Realize fast and short-time precision batching
2. Compact and firm design, saving space
3. According to the gravity mixing principle of intelligence to achieve the uniformity of mixing
4. The raw materials can be changed quickly, and the equipment is easy to clean
5. Process control of each mixing module or even the entire distribution station through the graphics displayed by the process data

性能特点 Performance characteristics

失重式米重机通过输入产量、厚度、或米重、宽度和密度计算出牵引速度，失重桶底部的重量传感器连续采集失重信号测算出挤出机产量，再通过输入值、实际值比较，然后通过控制挤出机螺杆转速来保证实际的产量与设定的产量一致。

1. 可实时监控原料流量；
2. 持续更新设定值和实际值；
3. 挤出控制精度0.3%；
4. 米重控制，节约原料2%；
5. 操作简单，可确保停机时间更短、物料更换更快；
6. 实时记录生产数据，历史数据和事件导出，且形成文件保存。

The weightless meter weight machine calculates the traction speed by inputting the output, thickness, or meter weight, width and density. The weight sensor at the bottom of the weightless barrel continuously collects the weightless signal to measure the output of the extruder, and then compares the input value with the actual value, and then By controlling the screw speed of the extruder, the actual output is guaranteed to be consistent with the set output.

1. Real-time monitoring of raw material flow;
2. Continuously update setpoint and actual value;
3. The extrusion control accuracy is 0.3%;
4. Rice weight control, saving 2% of raw materials;
5. Simple operation ensures shorter downtime and faster material replacement;
6. Record production data in real time, export historical data and events, and save them as files.



失重式米重机

Weightless rice weighing machine

中央吸料斗

Central suction hopper



性能特点 Performance characteristics

中央式吸料斗拥有各种型号大小，多种功能，满足不同工况条件下使用，有不锈钢、玻璃、搅拌、沸腾等各种功能供用户选择。

1. 截风阀与料斗整体化设计，方便维修；
2. 进料口设计单向阀，不影响其他机台工作；
3. 采用不锈钢制作，确保原料不受污染；
4. 配置欧规插头，使用安全可靠。

The central suction hopper has various sizes and functions to meet the needs of different industries. Various functions such as stainless steel, glass, stirring, boiling, etc. are available User selection.

1. The integrated design of the cut-off valve and the hopper is convenient for maintenance;
2. The feed port is designed with a one-way valve, which does not affect the work of other machines;
3. Made of stainless steel to ensure that the raw materials are not polluted;
4. Equipped with European plugs, safe and reliable to use.

立式搅拌机 Stand mixer



性能特点 Performance characteristics

立式搅拌机系列机型主要用于塑料的混合搅拌，如原料与色母及回收料等多种原料的混合作业，但不可用于各类食品、化学药品、易燃易爆及挥发性物品的混合。若塑料原料切片尺寸不均匀或其他形态时，需要考虑原料堆积比重。

1. 可拆式顶部零部件，配有清理门，方便清理换料；
2. 采用边上料边混合的工作方式，可大幅度节约时间；
3. 标准配备定时器；
4. 底部投料方式极大方便物料的投入。

Vertical mixer series models are mainly used for mixing and mixing of plastics, such as the mixing of raw materials with color masterbatch and recycled materials. mix. If the size of the plastic raw material slices is not uniform or in other forms, the bulk specific gravity of the raw materials needs to be considered.

1. Detachable top parts are equipped with a cleaning door, which is convenient for cleaning and refueling;
2. The working method of mixing while feeding can greatly save time;
3. Standard equipped with timer;
4. The bottom feeding method greatly facilitates the input of materials.

技术参数 Technical Parameters

机型	马达功率(KW)	最大处理量 (KG/H)	H(mm)	W(mm)	净重 (mm)
ZL-1000L	4	2600	2500	1200	520
ZL-2000L	4	3900	2750	1400	730
ZL-4000L	5.5	5800	3300	1850	1080
ZL-6000L	5.5	7800	3600	2000	1370
ZL-8000L	7.5	9750	4200	2200	1650
ZL-10000L	7.5	1300	4350	2400	2090
ZL-16000L	11	20800	5000	2750	2850
ZL-20000L	11	25000	5300	3000	3450

除湿干燥机 Dehumidification Dryer

性能特点 Performance characteristics

吸湿性的塑料会吸收周围空气中的湿气，从而大大影响塑料的熔化和产品的质量。智力除湿干燥机能持续、可靠的去除原料残留的水份，从而排除不良率，确保产品质量。

该系列机型集除湿、干燥、送料于一体，简洁的外观结构，方便机器的按需移动。另外也可选用双干燥桶，以满足双色成型机的工艺需求。丰富的选装件及配件满足多样化的特定需求，若干燥的物料具有挥发性，则需要搭配EOF滤油器使用。

1. 集除湿、干燥、送料三种功能为一体；
2. 送料系统配备截料式吸料盒，确保料管中无残留原料，避免原料回潮；
3. 保温式干燥桶采用下吹风管设计，搭配旋风排气装置，防止热能散失，提高干燥效率；
4. 配备一周定时功能，实现整机预约自动运行；
5. 日本进口蜂巢转轮，可提供稳定的低露点干燥空气。

Hygroscopic plastics absorb moisture from the surrounding air, which greatly affects the melting of the plastic and the quality of the product. The intelligent dehumidification and drying machine can continuously and reliably remove the residual moisture of the raw materials, so as to eliminate the defective rate and ensure the product quality.

This series of models integrates dehumidification, drying and feeding, and the simple appearance structure is convenient for the movement of the machine on demand. In addition, double dryer barrels can also be selected to meet the technological requirements of the two-color molding machine. A wealth of options and accessories meet diverse specific needs. If the dry material is volatile, it needs to be used with an EOF oil filter.

1. It integrates three functions of dehumidification, drying and feeding;
2. The feeding system is equipped with a cut-off suction box to ensure that there is no residual raw material in the feeding tube and avoid the moisture regain of the raw material;
3. The heat-insulating drying barrel is designed with a downward blowing pipe and is equipped with a cyclone exhaust device to prevent heat loss and improve drying efficiency;
4. Equipped with a one-week timing function to realize the automatic operation of the whole machine;
5. The honeycomb runner imported from Japan can provide stable dry air with low dew point.



技术参数 Technical Parameters

型号 Model	ZSD	25/50	50/50	50/80	75/80	75/120	100/120	100/150	150/150	200/200	300/200	400/300	600/400
保温料桶容量 Insulated Hopper	KG	25	50	50	75	75	100	100	150	200	300	400	600
除湿机风量 Drying Air Capacity	m³/h	50	50	80	80	120	120	150	150	200	200	300	400
干燥风机耗电量 Drying Blower	kw	0.55	0.55	0.55	0.75	0.75	1.1	1.5	1.5	2.2	2.2	3.75	5.5
再生风机耗电量 Regen. Blower	kw	0.18	0.18	0.18	0.18	0.18	0.25	0.25	0.25	0.4	0.4	0.75	0.75
干燥电热耗电量 Drying Heater	kw	4	4	4	4	4	5.4	5.4	5.4	7.2	7.2	18	22
再生电热耗电量 Regen. Heater	kw	2.4	2.4	2.4	2.4	2.4	4	4	4	5.4	5.4	7.2	7.2
送料风机耗电量 Conveying Blower	kw	1.1	1.1	1.1	1.1	1.1	1.5	1.5	1.5	1.5	1.5	1.5	1.5
总功率 Total Power	kw	8.23	8.23	8.23	8.43	8.43	12.25	12.65	12.65	16.7	16.7	31.2	36.95
送料机配管 Conveying Hose Dia	inch	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"
标准件 1-真空料斗 Vacuum Hopper	L	6	6	6	6	6	6	6	6	12	12	12	12
标准件 1-电眼料斗 Electric Eye Hopper	L	3	3	6	6	6	6	6	6	12	12	12	12
宽度 W	mm	820	980	980	980	980	1300	1350	1350	1350	1350	2050	2050
深度 D	mm	620	820	820	820	820	940	1000	1000	1000	1000	1000	1000
高度 H	mm	1380	1700	1850	1850	1850	1950	2000	2000	2000	2000	2790	2790
重量 Weight	kg	320	344	375	385	405	442	449	475	560	585	635	640

▲ 产品规格若有变更，恕不另行通知。We reserve right to change specifications without prior notice.

干燥机 Hopper dryers



性能特点 Performance characteristics

可用于大多数不易吸湿的塑料原料进行高效干燥作业，以保证最终成型制品的质量。其结构简洁，可方便放置于成型机入料口处，也可选用脚架实现落地式安装，以满足快捷移动的需求，热风干燥机系列共22种机型，容量从6L-10000L。

1. 采用PID温度控制器，LCD状态显示，Rs485通讯功能；
2. 一周定时自动开关机；
3. 双层保温结构，可保证温度均匀损失更小；
4. 超温保护装置，可减少人为或机械故障所产生的意外；
5. 50L以上机型采用可打开的视窗门，密封性好，清料方便；
6. 特有的下吹风管设计，能均匀分散热风，保持塑料干燥，温度稳定，提高干燥效率；
7. 原料接触部分采用不锈钢制作，确保原料不受污染。

It can be used for efficient drying of most plastic raw materials that are not easy to absorb moisture to ensure the quality of the final molded product. Its structure is simple and can be conveniently placed at the feeding port of the molding machine. It can also be installed on the floor with a tripod to meet the needs of fast movement. There are 22 types of hot air dryer series, with capacities ranging from 6L to 10000L.

1. Adopt PID temperature controller, LCD status display, Rs485 communication function;
2. Automatic switch on and off every week;
3. Double-layer thermal insulation structure can ensure uniform temperature loss and less loss;
4. Over-temperature protection device can reduce accidents caused by human or mechanical failure;
5. Models above 50L use openable windows and doors, with good sealing and convenient material cleaning;
6. The unique design of the downward blowing pipe can evenly disperse the hot air, keep the plastic dry, keep the temperature stable, and improve the drying efficiency;
7. The contact part of the raw material is made of stainless steel to ensure that the raw material is not polluted.

技术参数 Technical Parameters

型号 Model	干燥电热 Heater(kw)	风机 Blower(kw)	料桶容量 Material tank(L)	外形尺寸 Dimensions H×W×D(mm)	脚架尺寸 Floor stand H×W×D1(mm)	整体高度 Whole Height H2(mm)	排风管口径 Inlet Pipe Dia	出风管口径 Outlet Pipe Dia	风机脚架尺寸 Blower Stand Dimension H3×W3×D3(mm)	净重 Weight(kg)
ZHD-20U	2.4	0.135	20	1275×610×470	622×450×470	1275	2"	2"	...	40
ZHD-40L	2.4	0.135	40	1280×658×587	725×446×470	1280			...	45
ZHD-80L	4	0.17	80	1534×760×655	725×540×760	1534			...	50
ZHD-120L	4	0.17	120	1618×870×700	722×680×700	1618	2.5"	2.5"	...	60
ZHD-160L	5.4	0.2	160	1710×922×762	825×680×700	1710			...	90
ZHD-230L	7.2	0.33	230	1860×880×700	722×680×700	1860			...	100
ZHD-300L	10	0.33	300	1860×880×700	722×680×700	1860	3"	3"	...	130
ZHD-450L	12	0.41	450	1860×880×700	722×680×700	1860			...	160
ZHD-600L	15	0.41	600	2350×930×1150	970×930×930	2470			...	200
ZHD-750L	20	0.75	750	2350×1250×1040	970×1025×1040	2780	3.5"	3.5"	...	220
ZHD-900L	20	0.75	900	2500×1550×1050	970×1030×1030	2900			...	250
ZHD-1200L	22	1.5	1200	3230×1680×1160	2900×1160×1160	3230			...	380
ZHD-1500L	36	1.5	1500	3300×1420×1850	3000×1420×1420	3000	5"	5"	1210×560×700	495
ZHD-2000L	36	2.2	2000	3650×1420×1850	3450×1420×1420	3450			1210×560×700	570
ZHD-2500L	48	3.7	2500	4100×1420×1850	3730×1420×1420	3730			1210×560×700	620
ZHD-3000L	64	5.5	3000	4100×1630×2150	3820×1640×1640	3820	6"	6"	1210×560×700	700
ZHD-3500L	64	5.5	3500	4310×1770×1400	1500×1640×1640	4800			1400×680×800	785
ZHD-4000L	64	5.5	4000	4050×1980×1600	1650×1900×1900	4550			1400×680×800	860
ZHD-4500L	80	5.5	4500	4350×1980×1600	1650×1900×1900	4850	8"	8"	1400×680×800	940
ZHD-5000L	80	5.5	5000	4650×1980×1600	1650×1900×1900	5150			1400×680×800	1050
ZHD-5500L	96	5.5	5500	4950×1980×1600	1650×1900×1900	5450			1400×680×800	1120
ZHD-6000L	96	5.5	6000	4350×2220×1800	1650×2100×2100	5100			1450×780×850	1210
ZHD-6500L	112	7.5	6500	4600×2220×1800	1850×2100×2100	5350			1450×780×850	1285
ZHD-7000L	112	7.5	7000	4850×2220×1800	1850×2100×2100	5600			1450×780×850	1375
ZHD-8000L	128	11	8000	5350×2220×1800	1850×2100×2100	5850			1450×860×900	1445

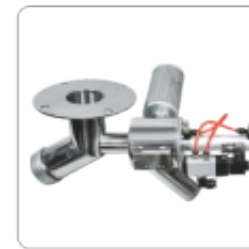
- 1、内桶做抛光处理，机型后面加注“P”；2、改为180℃高温型，加完全保护料桶，机型后面加注“HT”；3、机器净重包含风机，但不包含脚架；4、机器电压规格为：3φ，380V，50Hz。
1, the barrels do polished, later models filling "P"; 2, to 180 °C high temperature, plus complete protection tank, filling the back of the model "HT"; 3, net weight machines contain fan, but does not include tripod; 4, the machine voltage specification is: 3 φ, 380V, 50Hz.



吸料盒



储料箱



单管清料载料盒



管道连接器



不锈钢/玻璃弯管



比例混合器



搅拌器



快速插头



不锈钢卡箍



磁力架