



Karp KARP MACHINERY

**Professional manufacturer of
screening and conveying equipment**

筛分输送整体解决方案



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新乡市卡普机械设备有限公司

XINXIANG KARP MACHINERY EQUIPMENT CO.,LTD.



公司简介

COMPANY PROFILE

新乡市卡普机械设备有限公司位于新乡市牧野区国家电源产业园区，是一家专业从事粉体及颗粒物料筛分、输送的机械制造企业。

公司主营产品有圆形振动筛、方形摇摆筛、直线振动筛、螺旋输送机、真空上料机、滚筒筛、皮带输送机等，广泛应用于食品、医药、化工、冶金、建材、矿山、环保等领域。我们拥有专业的技术团队，对产品进行研发和坚持改善并根据客户的特殊需求进行分析设计，制定合理的解决方案。同时，公司有专业的销售和技术支持团队，确保与客户的及时沟通。

热忱欢迎海内外朋友光临惠顾，期待与您精诚合作，互惠发展。

Xinxiang KARP Machinery Equipment Co., Ltd is located in National Power Industrial part, Muye District, Xinxiang City, which is engaged in powders & particles separating and conveying machines.

Our main products are round vibrating screen, square gyratory sifter, linear vibrating screen, trommel screen, screw feeder, vacuum conveyor, belt conveyor and related equipment, our products are widely used in food, medicine, chemical, metallurgy, building materials, mining, environmental protection and other fields. We have a professional technical team for R&D and improving our products according to the special needs of customers, providing reasonable and optimal solutions. Meanwhile, we has a professional sales and technical support team to ensure timely communication with customers.

Warmly welcome oversea friends to visit our factory, look forward to working with you sincere cooperation, mutual development.

工厂设备

FACTORY EQUIPMENT



激光切割机
Laser cutting machine



折弯机
Bending machine



数控车床
CNC lathe



数控卷圆机
CNC rolling machine

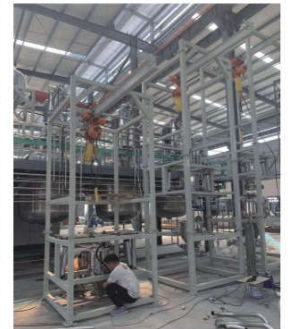


喷砂房
Sandblasting room



装网工具
Screen mesh assembly device

使用现场 Customer site



产品目录 Product catalog

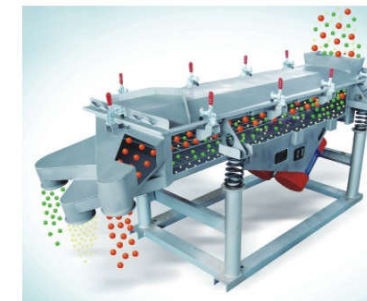
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直线振动筛 Linear Vibrating Screen

产品简介 (Brief introduction)

直线振动筛是一种常用的封闭式轻型振动筛分设备，利用振动电机作为激振源，使物料在筛面上呈跳跃式直线运动，物料从给料机均匀的进入直线振动筛的进料口，通过多层筛网产生数种规格的物料，分别从各自的出料口排出，完成物料的分级作业。

The linear vibrating screen is a kind of closed and light weight equipment. It uses two vibration motors as its vibration source, which makes the materials thrown up on the screen surface and move forward in a straight line at the same time. The materials from the feeder will uniformly go into feeding port of the linear vibrating screen. Then a variety of materials are separated through a multi-layer rectangular screen and discharged from their respective outlets.



特点 (Features)

1. 耗能少、噪音低、筛网使用寿命长。
 2. 筛分精度高、处理量大、结构简单。
 3. 全封闭结构、自动排料、更适用于流水线作业。
 4. 筛体各部分均采用轧制钢板及型材焊接而成（部分组体采用螺栓连接）整体刚度好，牢固可靠。
1. Low power consumption and noise, Long service life of screening mesh.
 2. High precision of screening, large output and simple structure.
 3. Full enclosed structure and automatic discharging. It is suitable for production line.
 4. All parts of the machine are welded by rolled steel plates and profiles (some components are bolted connection). More rigid, firm and reliable.

产品参数 (Specification)

型号 Model	筛网尺寸 Screen size (mm)	层数 Layer	物料粒度 Material size (mm)	振动频率 Vibrating frequency (rpm)	振幅 Amplitude (mm)	功率 Power (KW)
ZS520	500×2000	1-7	0.074-10	960r/min	3-8	2×(0.37-0.75)
ZS525	500×2500					2×(0.37-0.75)
ZS1020	1000×2000					2×(0.55-1.1)
ZS1025	1000×2500					2×(1.1-1.5)
ZS1030	1000×3000					2×(1.1-1.5)
ZS1040	1000×4000					2×(1.5-2.2)
ZS1230	1200×3000					2×(0.75-3)
ZS1530	1500×3000					2×(0.75-3)
ZS1540	1500×4000					2×(0.75-3)

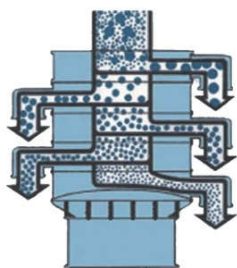
KP三次元振动筛 KP Rotary Vibrating Screen



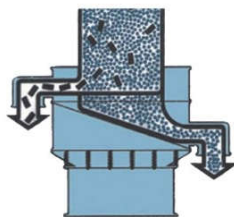
产品简介 (Brief introduction)

三次元振动筛是一种高精度筛分机械，其噪音低、效率高，全封闭结构，适用于颗粒、粉末、液体等物料的筛分过滤。振动筛由立式振动电机作激励器，振动电机上、下端安装有偏心重锤，将振动电机的旋转运动转变为水平、垂直、倾斜的三次元运动，再把这个运动传递给筛面。调节上、下两端的相位角，可以改变物料在筛面上的运动轨迹，从而达到不同的筛分要求。

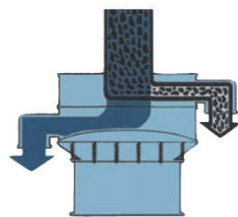
KP series 3D vibrating screen is a separating machine with the features of high precision, low noise, high efficiency and fully enclosed structure. It is suitable for the screening and filtration of granule, powder, liquid and other materials. It adopts vertical vibration motor as the vibrating source, it installs eccentric hammers at the upper and lower ends, the rotary motion of the vibration motor is transformed into horizontal, vertical and inclined three-dimensional motion to the mesh surface. Adjust the phase Angle of the upper and lower hammers, can change the movement trajectory of the material on the screen surface, so as to achieve different screening requirements.



分级
Classification



除杂
Removing impurity



过滤
Filter

清网系统可选：弹跳球清网、超声波清网

Two cleaning systems can be chosen: the bouncing balls and ultrasonic device.



- 一、弹跳球清网
- 二、超声波清网系统

在筛网上面叠加一个高频率低振幅的超声振动波，超微细粉接受巨大的超声加速度，使筛面上的物料始终保持悬浮状态，从而抑制粘附等堵网因素，提高筛分效率和清网效率，解决强吸附性、易团聚、高静电、高精度、高密度、轻比重等筛分难题。

1. The bouncing balls
2. The cleaning system of ultrasonic.

An ultrasonic system with high frequency and low amplitude vibration wave is installed above the screen. The ultra-fine powder will receive huge ultrasonic acceleration from the ultrasonic system, so that the material on the screen surface will always remain suspended. It solves the problem of blocking the screen like adhesion, improves the screening and cleaning efficiency, and also solves the screening problems such as adsorbing strongly, easy to agglomerate, high static electricity, high precision and density, light specific gravity materials and so on.

产品参数 (Specification)

型号 Model	功率 Power (KW)	筛面直径 Sieving diameter (mm)	层数 Layer	网孔 Aperture (mesh)
KP400	0.22	360	1-4	2-500
KP600	0.37	560		
KP800	0.55	760		
KP1000	0.75	930		
KP1200	1.1	1130		
KP1500	2.2	1430		

YBS系列摇摆筛 YBS Series Tumbler Screen



产品简介 (Brief introduction)

圆形摇摆筛是为了满足大产量、高精度的筛分要求而特殊设计的一种多用途高效新型筛分设备，摇摆筛的运动轨迹更接近人工筛分，筛分精度可达到95%以上，处理量是普通筛机的3-5倍，筛网使用寿命也是常规筛分设备的5-10倍，适用于精细和超精细粉末与微粒物料的筛分。

YBS系列摇摆筛可加载超声波系统，既提高筛网的清洁能力，又提高筛分效率，适用于大多精细的、大产量的、难筛分的物料。

The circular tumbler screen is designed to meet the requirements of large output, high precision screening and it is a multi-purpose and efficient new screening equipment. From the aspect of its trajectory, it is closer to the artificial screening. The screening accuracy can reach more than 95%, the processing capacity is 3-5 times of the ordinary screening machine and the service life of the screening mesh is 5-10 times of the conventional screening equipment. YBS series tumbler screen machine can be installed with ultrasonic system, which improves the cleaning ability of the screening mesh and the screening efficiency it's suitable for materials of super fine, large screening capacity, and difficult to separate.

设备优点 (Advantages)

- 1.效率高。有效模仿人工筛分动作和过程，物料在筛面呈现渐开螺旋线运动，物料与筛网精密接触，筛分精度达90-95%!
 - 2.保护物料。柔和的摇摆筛分，不会对物料的颗粒原结构形成破坏，不容易产生静电，对易燃易爆产生静电的物料筛分是较好的选择。
 - 3.寿命长。物料颗粒的垂直方向加速度值低，柔和摇摆筛分，使筛网不易损坏，大大延长筛网和其他零部件的使用寿命。
 - 4.清洁卫生。弹跳球清洁网面，洁净卫生，确保筛分的连续性;全封闭作业，更环保。
 - 5.拆装方便。大型号设备配备气动筛体举升装置，便于筛网更换，降低操作人员工作强度。
1. High efficiency. Effectively imitates the manual screening action and process, materials on the screen surface presents a gradual spiral motion and closely contacted with the screening mesh, screening efficiency is up to 90-95%.
 2. Protect the materials. The screening do not damage the original structure of the material, will not generate more static electricity, is a better choice for flammable and explosive materials.
 3. Longer service life. The acceleration in the vertical direction of the particles is lower that the screening mesh is not easy to be damaged, greatly extends the service life of the screening mesh and other components.
 4. Sanitary. The bouncing balls can clean the screening mesh. Fully enclosed operation can protect environment.
 5. Convenient to replace the screening mesh with pneumatic lifting device, reduce the working intensity of operators.

产品参数 (Specification)

型号 Model	直径 Diameter (mm)	层数 Layer	功率 Power (KW)	筛分面积 Sieving area (m ²)	清网方式 Cleaning system
YBS1000	1040	1-5	1.5	0.71	弹跳球 Bouncing ball / 超声波 Ultrasonic device
YBS1200	1250		2.2	1.11	
YBS1600	1580		2.2/4	1.83	
YBS2000	1880		2.2/4	2.62	
YBS2600	2650		5.5	5.31	

FYBS方形摇摆筛 FYBS Gyrotary Sifter

产品简介 (Brief introduction)

FYBS方形摇摆筛是为实现生产中高精度和大处理量需求而研发设计的一款高容量和高性能的筛分设备，FYBS方形摇摆筛广泛应用于冶金，磨料，有色金属，化工，食品等行业，例如石英砂，碳酸钾，盐，粘土，硼砂，碳酸钙等。

The FYBS gyrotary sifter is a new type screening machine with high capacity and precision in the production. It is used in a variety of industries and fields, such as Metallurgy, abrasives, non-ferrous metals, chemicals, food and other industries, the materials are quartz sand, potassium carbonate, salt, clay, borax, calcium carbonate, etc.



设备优点 (Advantages)

- 1、可选复式结构，是普通筛机筛分效率的1.8倍；
- 2、柔性筛分，筛网使用寿命大大增加；
- 3、抽拉式换网结构，轻松更换筛网，降低维护成本；
- 4、全封闭结构，无粉尘飞扬，符合环保要求；
- 5、能够使物料在筛网上停留足够的时间，保证筛分精度的同时提升筛分率。

1. The screening capacity of duplex model is 1.8 times of general model.

2. Screening action is gentle, the service life of screen is greatly increased.

3. Pull type structure of screening mesh, easy to replace the screen, reduce maintenance cost.

4. Fully enclosed structure, no dust flying, meet the requirements of environmental protection.

5. Keep the materials staying on the screen enough time to ensure a high screening accuracy and improve the screening rate.

产品参数 (Specification)

型号 Model	筛分面积 Effective sifting area (m ²)	功率 Power (kw)	倾斜角度 Leaning angle of screen (°)	层数 Layer	转速 Rotary frequency (r/min)	筛箱行程 Screening box travel (mm)
FYBS1236	4.32	5.5	5-8	1-6	180-260	26-60
FYBS1536	5.4	5.5/7.5				
FYBS2036	7.2	7.5/11				



滚筒筛 Trommel Screen

产品简介 (Brief introduction)

YTS滚筒筛由若干个圆形状筛网组成，整体与地平面成倾斜状态，外部被密封隔离罩所密封，以防止污染环境。通过变速减速系统使筛分筒在一定转速下旋转，物料自上而下通过筛分筒得到分离，细料从筛分筒前端下部排出，粗料从筛分筒下端尾部排出。圆筒筛面可设有梳型清筛机构，在筛分过程中可通过梳型清筛机构与筛分筒的相对运动，达到对筛体不间断清理的效果，使筛分筒在整个工作过程中始终保持清洁，不影响筛分效果。滚筒筛筛分量，易于大型化，可满足大型筛分生产的要求。



YTS series Trommel screen's main structure is cylindrical drum, which is inclined and installed on the frame, and sealed by cover to avoid pollution. The driving drum will rotate around the axis direction, when the materials enters the drum device, due to the tilt and rotation of the drum device, the materials on the screen surface is overturned and rolled so that the fine material is discharged through the discharge port at the bottom of the back end of the drum, and the coarse material is discharged through the discharge port at the tail of the drum discharge. As the material in the drum devise flip, rolling, so the materials stuck in the sieve can be ejected to prevent the sieve blocking. Trommel screen has large screening capacity can be produced to be big models meet large screening requirement.

技术参数 (Technical parameters)

型号 Model	长度范围 Length of drum (m)	筛网段数 Sections	筛孔范围 Aperture (mm)	电机功率 Motor (KW)	倾斜角度 Tilt	物料量最大块 Max inlet size (mm)	滚筒转速 Speed (rpm)	处理量 Capacity (m ³ /h)	质量 Weight (Ton)	外形尺寸 Dimension size (mm)
YTSΦ600	2-4	1-3	5-35	2.2-3	7°	35	20	10	1.6	5400×1150×1200
YTSΦ800	2-4	1-3	5-40	2.2-5.5	7°	45	18	14	2.4	5600×1300×1500
YTSΦ1000	1-4	1-4	5-45	3-7.5	7°	60	16	16	4.2	7400×1400×2240
YTSΦ1200	2-8	1-4	5-50	4-11	7°	70	15	20	5.8	9480×1580×3400
YTSΦ1500	2-8	1-4	5-55	4-15	7°	80	12	32	7.2	9700×1860×3700
YTSΦ2000	2-8	1-4	5-60	5.5-18.5	7°	90	8	45	11	1100×2400×4500

注：1、外型尺寸是按筒体最长计；2、处理量是按最大孔径计算；3、倾斜角度和每节长度视物料不同而不同；3、质量按筒体最长且使用编织网时计；4、物料最大块所占比例不超过10%。

Note: 1. The dimension size is calculated as per the max length of drum. 2. The screening capacity is calculated as per max aperture size. 3. The weight is calculated as per max drum based on woven mesh. 4. The max blocks don't exceed 10%.

气流筛 Centrifugal sifter

产品简介 (Brief introduction)

卧式气流筛的筛网呈圆筒状，置于机体内，物料通过螺旋输送入系统后，和气流混合、雾化进入网筒内，通过网筒内风轮叶片使物料同时受离心力和旋风推进力，从而使物料喷射过网，由细料口排出，不能过网的沿筒壁从粗料口排出。气流筛是针对比重轻、纤维多、粘性大、易团聚、易产生静电等筛分难题所设计生产的设备。

The centrifugal sifter is designed for solving the screening problem of light weight, more fiber, strong in viscosity, easy to reunite, easy to generate static electricity materials and so on. Screening mesh of centrifugal sifter is drum shape, the working principle of centrifugal sifter is the materials mixed with airflow and atomization enter the drum by screw conveyor device pushing, the rotor rotates at high speed, The fine materials will be jetting and pass through screen mesh, and the oversize materials will be discharged to the end of screw shaft.



设备优点 (Advantages)

- 1、平稳无振动、无噪音、密闭性能好、无粉尘、效率高；
 - 2、对结块物料有再破碎功能；
 - 3、筛网受旋风的冲刷，可自动清网；
 - 4、新式外球面轴承，延长使用寿命；
1. Stable working (no vibrating), no noise, airtight in structure, no dust and high efficient.
 2. Can break the agglomerated materials through screening.
 3. The screen is washed by the whirlwind, be cleaned automatically.
 4. The new type of insert bearing, increase the service life.

技术参数 (Technical parameters)

型号 Model	筛网 Screen mesh (Mesh)	筛筒尺寸 Size (mm)	主轴转速 Revolving speed (r/min)	电机功率 Power (kw)
KPQL18-65	80-530	180×650	40-1450	1.5
KPQL30-100		300×1000		3
KPQL50-130		500×1300		4

检验筛 Test sieve

产品简介 (Brief introduction)

检验筛广泛应用于实验室、质检室等检验部门，进行颗粒、粉类物料粒度分布，产品含杂质量，固形物、液体含量的测定分析。标准筛体可确保精度，安装时间继电器，可设定筛分时间，把检验误差降到最低程度，保证样品分析数据的一致性，对产品质量作出精确判断。

Test sieve shaker is widely used for detecting the size of particles or powder materials, the impurities level and the solid and liquid content in laboratory, quality inspection department and other test departments. The main features is to ensure accuracy, the time relay is used to set up sieving time, which reduces the testing error to the minimum level, ensures consistency of sample analysis data and makes accurate judgment of product quality.



特点 (Features)

- 1、整机体积小，重量轻，平稳无振动、无噪音、密闭性能好，无粉尘、效率高；
 - 2、可立体多层安装使用，移动灵活方便，连续运行可靠；
 - 3、标准检验筛电子定时器，检验精度自我掌控；
 - 4、结合超声波分筛系统，具备自动清理筛网，提高筛分效率及检测精度。
1. Small volume, light weight, stable, no noise, good sealing performance, no dust flying and high efficiency.
 2. It can be installed multi-layer, easy to move, reliable and continuous operation.
 3. With electronic timer so that the testing precision can be self-controlled.
 4. It can work with ultrasonic system of automatic cleaning screen to improve screening efficiency and detection precision.

参数 (Specification)

名称 Name	单位 Unit	数值 Data
标准筛具 Standard test sieve	层 Decks	1-5
筛机直径 Screen diameter	mm	200
筛分粒度 Sieve size	mm	0.038-3
噪音 Noise	db	≤50
定时时间 Timing	Minute	0-15
振幅 Amplitude	mm	1-4
电机 Motor	电压 Voltage	v
	转速 Revolving speed	r/min
	功率 Power	kw
外形尺寸 Overall dimension	mm	370×350×650

平面回转筛 Gyratory separator



产品简介 (Brief introduction)

平面回转筛仿手工筛分原理，低速水平回旋运动，物料在平面回转筛中的运动轨迹是进料端为水平圆运动，长度方向上逐渐变成椭圆运动，出料端变成近似往复直线运动，加长筛分轨迹，保证高精度的筛分。特别是对吸湿性强、粘性大、易堵孔和粘网的尿素筛分更为明显。

The working principle of Gyratory separator is imitating hand sieving, do the the motion of low speed horizontal cyclotron. the motion trail is: Horizontal circular motion at the entrance, then moving to elliptical movement in length, reciprocating linear motion at the end, Lengthen screening track to ensure high precision screening. It is especially good for screening urea which has strong hygroscopicity, viscosity, easy to block and stick the mesh.

参数 (Specification)

型号 Model	筛网面积 Screen area (m ²)	层数 Layer	进料粒度 Feed size	振幅 Amplitude (mm)	振次 Vibrating frequency (r/min)	功率 Power (KW)
KPFS1224	1.2×2.4	1-4	<50mm	75-90	1450	5.5
KPFS1230	1.2×3	1-4	<50mm	75-90	1450	5.5
KPFS1236	1.2×3.6	1-4	<50mm	75-90	1450	5.5
KPFS1524	1.5×2.4	1-4	<50mm	75-90	1450	5.5
KPFS1530	1.5×3	1-4	<50mm	75-90	1450	5.5
KPFS1536	1.5×3.6	1-4	<50mm	75-90	1450	5.5
KPFS1830	1.8×3	1-4	<75mm	75-90	750	7.5
KPFS1836	1.8×3.6	1-4	<75mm	75-90	750	7.5
KPFS1840	1.8×4	1-4	<75mm	75-90	750	7.5
KPFS2036	2×3.6	1-4	<75mm	75-90	750	7.5
KPFS2040	2×4	1-4	<75mm	75-90	750	11

螺旋输送机 Screw conveyor



产品简介 (Brief introduction)

螺旋输送机用于水平或倾斜输送粉状、粒状和小块状物料，由电机产生动力，带动减速机传动到螺旋叶片，推动物料传输，实现均匀给料的目的。从外型上可分为U型螺旋输送机和管式螺旋输送机。主要适用于：电力、冶金、化工、建材、食品、粮食仓储等行业，进行输送松散粉状或小颗粒物料，如：水泥、粉煤灰、化肥、沙子、尿素、面粉、糖粉、谷物、碳酸钙等。

Screw conveyor is used to convey powder, granular and small block materials horizontally and inclined. The electric motor drives the gear box and spiral blade, to promote materials transmission, achieve the uniform feeding. There are tubular type and U shape two kinds models. It is suitable for Electric power, metallurgy, chemical industry, building materials, food, grain storage and other industries, various materials, such as cement, fly ash, chemical fertilizer, sand, urea, flour, sugar powder, grain, calcium carbonate, etc.

特点 (Features)

- 1、结构简单，操作方便，密封性好。
- 2、整机截面尺寸小，适用于水平和倾斜运输。
- 3、可中间多点装料和卸料。

1. Simple structure, easy to operate, reliable sealing.
2. The section size of the machine is small and it is suitable for horizontal and inclined transportation.
3. It can be charged and discharged by multi ports.

参数 (Specification)

型号 Model	直径 Diameter	转速 Screw Rotation Speed	倾斜角度 Inclination Angle	输送长度 Conveyor Length
	(mm)	(r/min)	(degree)	(m)
GX102	102	定制 customized	<90	1~30
GX114	114			
GX133	133			
GX159	159			
GX219	219			
GX273	273			
GX325	325			

真空上料机 Vacuum feeder



产品简介 (Brief introduction)

真空加料机能自动地将各种物料输送到包装机、注塑机、粉碎机等设备的料斗中，也能直接把被混合的物料输送到混合机中，减轻了工人的劳动强度，解决了加料时粉尘外溢等问题，是制药厂，食品厂通过“GMP”认证，促进清洁、文明生产的首选设备。

真空上料机由真空泵(无油、无水)，真空料斗，过滤器(有聚酯覆膜过滤器、PE过滤器、不锈钢过滤器或钛金属过滤器多种选择)，压缩空气反吹装置，气动放料门装置，料位自动控制装置，不锈钢吸料咀，输送软管等组成，整套系统设计合理，制造精美。

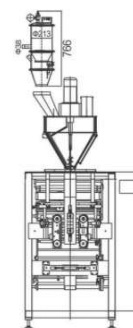
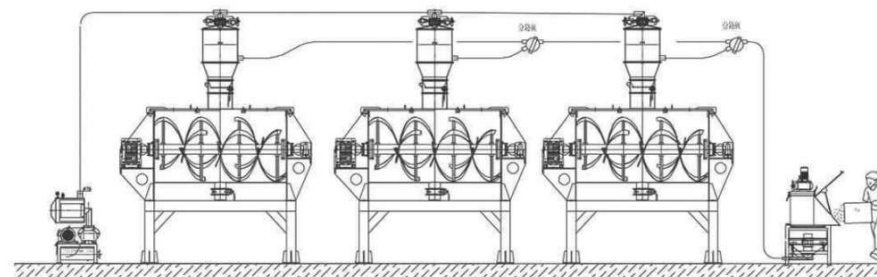
Vacuum feeding machine can automatically convey raw materials to the hopper of packaging machine, injection molding machine, shredder and other equipment, can directly feed to the mixer, reducing the labor intensity of workers, solves the problem of dust spillage, is the first choice of pharmaceutical factory, food factory, which passed the "GMP" certification, to promote clean, civilized production.

Vacuum feeder is consist of the vacuum pump, vacuum hopper, filter (polyester film filter, PE filter, stainless steel filter or titanium filter and so on), compressed air anti-blowing device, pneumatic discharge door device, automatic level control device, stainless steel suction nozzle, conveying hose, etc., The whole system is reasonable in design and exquisite in manufacture.

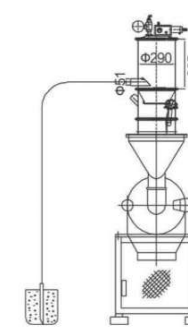
参数 (Specification)

型号 Model	功率 Power (kw)	料斗容积 Hopper volume (L)	气压 Air pressure (Mpa)	产量 Capacity (kg/h)
ZKJ-1	1.5	12	0.4-0.6	100-300
ZKJ-2	2.2	12		200-600
ZKJ-3	3	18		300-1200
ZKJ-4	5.5	40		1200-2500
ZKJ-6	5.5	40		1500-3200
ZKJ-7	7.5	90		3000-6000
ZKJ10-6	7.5	110		3000-6000 (十米距离)
ZKJ20-5	11	300		3000-6000 (二十米距离)

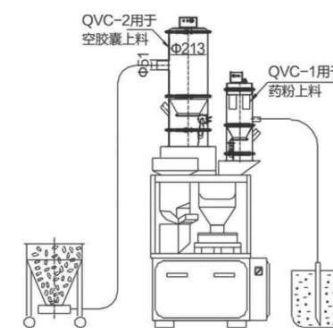
真空上料机应用 Application of Vacuum feeder



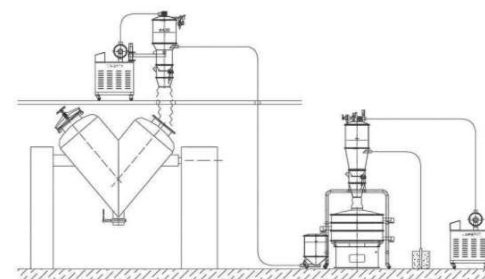
包装机上料



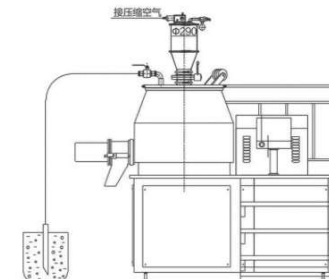
粉碎机上料



胶囊填充机上料

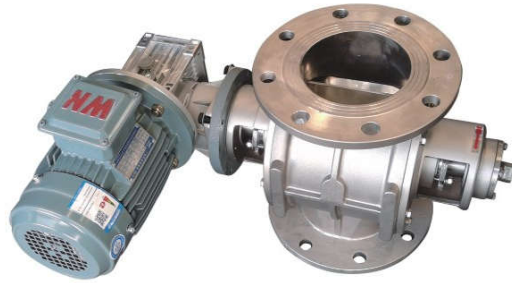


筛分混合一体化



制粒机加料

星型给料机 Rotary valve



产品简介 (Brief introduction)

星型给料机又叫电动卸灰阀，主要适用于发电厂、水泥厂、化工厂等行业除尘灰清理和包装机及专业输送配料系统中，作为输送干燥粉状物料时锁气或定量给料用，也可用于除尘器及空气予热器的灰斗下出灰，其结构简单，性能稳定，操作维修方便，是输送、卸料、配料系统中理想的配套件。

The rotary valve is also called the discharge valve, is mainly used for dust removal in the power plants, the cement industry, the chemical factory and other industries, used for locking up gas or quantitative feeding during conveying dry powdery materials in the packing machine and other professional feeding batching system, and also used for dust discharge of dust hopper of dust collector and air preheater. The advantages are simple structure, stable performance, the convenience of operating and maintenance and it is an ideal accessory for conveying, discharging and batching system.

参数 (Specification)

型号 Model	YJD 2	YJD 4	YJD 6	YJD 8	YJD 10	YJD 12	YJD 14	YJD 16	YJD 18	YJD 20	YJD 26	YJD 30	YJD 36	YJD 40
卸料量 discharge rate (L/r)	2	4	6	8	10	12	14	16	18	20	26	30	36	40
产量 Capacity (m ³ /h)	2.8	6	8.5	11.5	14	18	20	23	26	29	57	69	86	108
r/min Z type	25-40													
工作温度 Operating temperature	T≤80°C T≤200°C													
物料 Material	粉状(powder), 颗粒状(granule)													
功率 Power (KW)	0.55	0.75		1.1			1.5		2.2	3	4	5.5		
重量 Weight (KG)	53	71	86	101	121	141	161	181	191	221	251	301	402	491

无尘投料站 Bag dumping station

产品简介 (Brief introduction)

当袋装物料需解袋并倒入下一道工序时，只需人工直接拆包后投入到该系统，投料时所产生的物料粉尘由集尘风机进行收集。物料通过振动筛（选配）可将大块物料和异物拦截，从而保证符合要求的成品（合格物料）进入下道工序。

When the material which are packaged in bags needs to be unloaded into the next process, it only needs to be directly unbagged manually and then put into the system. The material dust generated during feeding is collected by the dust collecting fan. Go through the vibrating screen (optional) can intercept the big size material and foreign matter, so as to ensure the qualified finished products get into the next process.

应用领域 (Application industry)

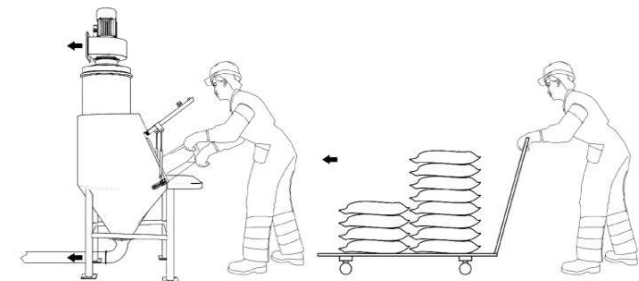
该设备适用于食品、制药、化工、冶金行业中小袋物料的拆包、投放、筛分和卸料，特别适用于粉料人工投料和预筛分。拆包时由于集尘风机的作用，可以避免物料粉尘到处飞扬，集尘风机收集的物料最终会返回，减少浪费，保护工人健康和大气环境。

Bag dumping station (also known as manual dumping stations) is suitable for small bag material unpacking, feeding, screening and unloading in food, pharmaceutical, chemical, metallurgical industries, especially for manual feeding and pre-screening. The material dust can be avoided flying when dumping by dust-collecting fan, and return the material to the hopper finally. The system reduces material waste and eliminates the need to clean a remote dust collection site, while protecting workers and preventing plant contamination.



技术参数 (Specification)

型号 Model	筛分面积 Sieving area (m ²)	功率 Power (KW)	转速 Revolving speed (r-p-m)	动负荷 Live load	静负荷 Static load	激振力 Exciting force (KN)	流量 Flow	风压 Air pressure (Pa)
TLZ-800	0.42	2×0.18	1460	800N	1500N	2.5×2	1550-997	1217-1641
TLZ-1000	0.64	2×0.25	1460	500N	2500N	5×2	1550-997	1217-1641



吨包投料站 Big bag dumping station

产品简介 (Brief introduction)

D-TL-1吨包投料站是专门针对大包装（即吨包）投料时的粉尘溢出、扬尘大等问题而研发设计的投料、拆包设备。主要适用于颗粒类、粉状物料的吨袋拆包卸料，如食品原料、化工原料、医药原料、橡塑工业、能源电池、涂料行业等。

吨包投料站通过电动葫芦将吨袋提升至设备进料口正上方处，由人工固定吨袋内袋于设备夹袋口，通过吨包夹袋器对于吨袋进行夹袋密封防止粉尘溢出，再通过人工对于吨袋解袋卸料，并辅以拍打器，振动装置等辅助设施更有利有吨袋内的物料完成卸料工作。可为下一步工序设备直接投料或为气力输送、螺旋输送等输送系统进行拆包投料工作。

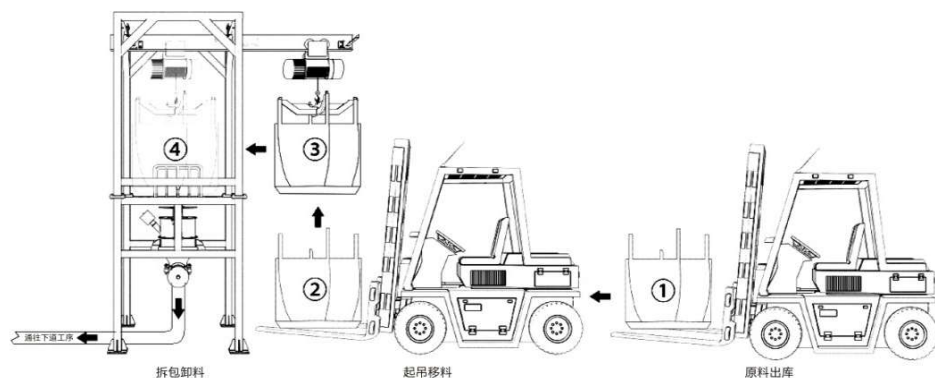
D-TL-1 series Big bag dumping station is a feeding and unpacking equipment specially designed for the problems of dust overflow and heavy dust during the feeding of large bags. It is mainly used for unpacking and unloading big bags of granular and powdery materials, such as food raw materials, chemical raw materials, pharmaceutical raw materials, rubber and plastic industry, energy batteries, paint industry, etc.

The Big bag dumping station lifts the bag to the upper part of the feeding inlet of the equipment through the electric hoist. The inner bag of the big bag is manually fixed at the clamping mouth of the equipment, and the big bag is clamped and sealed by the bag holder to prevent dust overflow. The materials in the big bag are unloaded manually, and work with beater, vibration device and other auxiliary facilities are more beneficial to the discharge of the material in the big bag. It can directly feed into the next equipment or unpack and feed into the conveying system such as pneumatic conveying and screw conveying.

工作示意图 (Work Sketch)

这是一个简单的示意图，让您了解其工作方式，请结合实际场地考量您的方案。

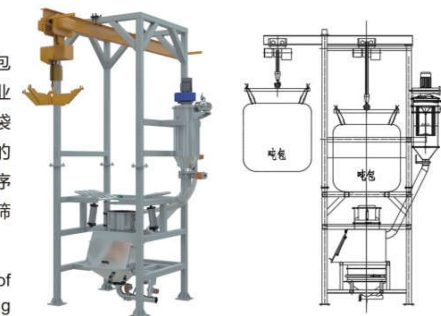
This is a simple schematic that lets you know how it works, please consider your proposal in the actual field.



产品简介 (Brief introduction)

D-TL-2投料站是基于D-TL-1的吨包投料站基础上增加小袋包装物料的投料功能。适用于制药、化工、食品、电池材料等行业中、小袋物料以及吨袋包装物料的拆包、投放、筛分和卸料。吨袋拆包时等同于D-TL-1的功能，小袋拆包时由于除尘箱集尘风机的作用，可以避免物料粉尘到处飞扬。当物料解袋并倒入下一道工序时，只需要人工直接拆包投入到该系统，物料通过振动筛（安全筛网）可将大块物料和异物拦截，从而保证不符合要求的颗粒排除。

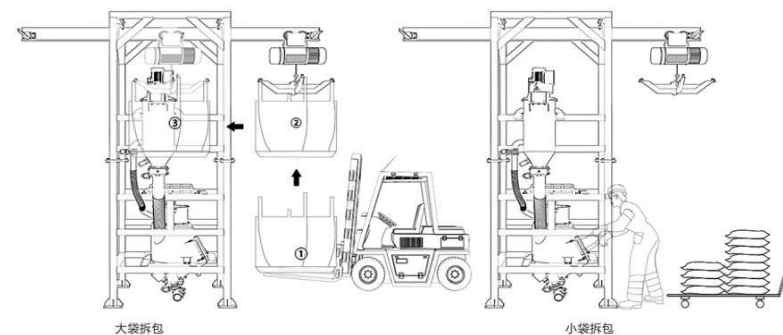
D-TL-2 series Big bag dumping station added the feeding function of small bag packaging materials based on D-TL-1 Big bag dumping station. It is suitable for unpacking, putting, sieving and unloading small bag materials and big bag packaging materials in pharmaceutical, chemical, food, battery and other industries. When unpacking big bags, it is equivalent to D-TL-1. When unpacking small bags, the dust collection fan of the dust collection box can avoid the material dust flying everywhere. When the material is unpacked and poured into the next process, it only needs to be manually unpacked directly into the system. When the material passes through the vibrating screen, the big size material and foreign matter can be intercepted, so as to ensure the removal of particles which are unqualified.



工作示意图 (Work Sketch)

这是一个简单的示意图，让您了解其工作方式，请结合实际场地考量您的方案。

This is a simple schematic that lets you know how it works, please consider your proposal in the actual field.



产品特点 (Product Features)

- 1、符合GMP认证、食品卫生认证标准，可用于食品、化工、医药等行业；
 - 2、可根据不同物料来选择不同材质如碳钢、304不锈钢、316不锈钢、钛板等；
 - 3、整套结构简单，操作方便，密闭式开袋，减免粉尘飞扬。提高工作环境，设备密封性好，无泄漏，残留量少；
 - 4、根据包装规格的多样性、包装袋的装袋率及物料特性等，可根据客户需求进行详细设计；
1. Meet GMP certification and food hygiene certification standards. Applicable field: food, chemical, pharmaceutical and other industries.
2. According to different materials it is made of mild steel, stainless steel 304, stainless steel 316, Ti steel, etc.
3. Simple structure, easy operation, enclosed and no dust flying. Improve the working environment, sealing well, no leakage, less residue.
4. According to the variety of packaging specifications, bag filling rate and material characteristics, etc., it can be designed according to customer requirements.

微型电磁振动给料机

Miniature electromagnetic vibrating feeder



用途 (Application)

微型电磁振动给料机广泛应用于轻工、化工、粮食、食品、研磨等各个行业中，用于粉状和颗粒状物料的给料、配料及定量自动包装等流程中。具有体积小、重量轻、结构简单、安装方便、运行费用低，可无极调节给料量等特点，本机为座式结构，工作时只需放在工作台上即可。

The miniature electromagnetic vibrating feeder is used for feeding Powder and granular materials, widely used in various industries such as the light industry, chemical industry, grain, food, grinding, etc. It is used in the process of feeding, batching and quantitative automatic packaging.

The features are: small volume, light weight, simple structure, convenient installation, low operating cost, can be stepless adjusted of the feeding. It's seating type, can be placed on the working table.

技术参数 (Technical specification)

型号 Model	GZV1	GZV2	GZV3	GZV4	GZV5	GZV6
生产能力 Production capacity (t/h)	0.1	0.5	1	2	4	6
双振幅 Double amplitude (mm)	1.5					
频率 Frequency (r/min)	3000					
有效功率 Effective power (W)	5	8	20	25	30	50
重量 Weight (kg)	4	7	12	18	27	45

皮带输送机

Belt conveyor



产品简介 (Brief introduction)

皮带输送机用途广泛，可用于工业的流水线、组装线及测试线中物料的输送，是一种连续输送的通用机械，被广泛应用在港口、钢铁企业、工厂、水泥、粮食及轻工业的生产线。可输送物料的种类繁多，既可输送各种散装物料，也可输送各种纸箱包装袋等成件物品。

Belt conveyor has a wide range of application, such as industrial production line, assembly line and test line for the material conveying. It is a kind of universal machinery for continuous conveying and is widely used in the production lines of ports, iron and steel enterprises, factories, cement, grain and light industry. It can convey many kinds of materials, such as various kinds of bulk materials, cartons, bags and so on.

特点 (Features)

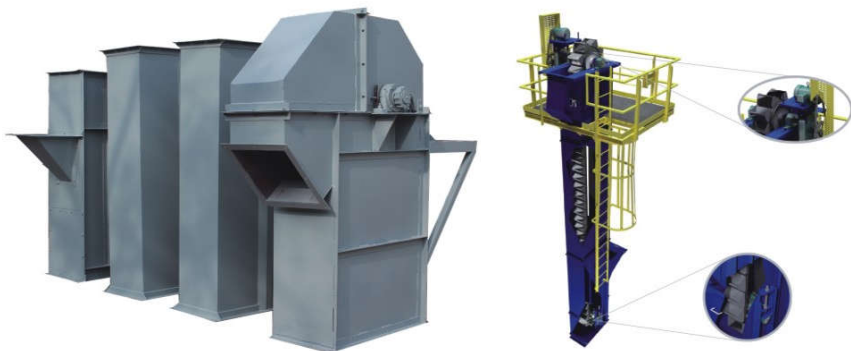
皮带输送机具有输送能力强，输送距离远，结构简单易于维护，能方便地实行程序化控制和自动化操作。

Belt conveyor has many features, such as strong conveying capacity, long conveying distance, simple structure, easy to maintain, and it can easily implement programmed control and automatic operation.

技术参数 (Technical specification)

型号 Model	带宽 width of belt (mm)	带速 Speed of belt (m/s)	皮带材质 Belt Material	框架材质 Frame Material	倾角 Angle of inclination (°)
B300	300	0.8-2.0	橡胶(Rubber), PU, PVC	不锈钢, 铝合金, 碳钢 Stainless steel, aluminum alloy, carbon steel	0-25
B400	400				
B500	500				
B650	650				
B800	800				
B1000	1000				

斗式提升机 Bucket elevator



产品简介 (Brief introduction)

斗式提升机适用于垂直输送粉状、颗粒状及小块状且磨琢性较小的物料，如水泥、粮食、沙子等，自流式装料，重力式卸料，有TD带式提升机、TH环链式提升机、NE板链式提升机多种型号，满足不同的生产要求，广泛应用于电力、冶金、建材、化工等行业。

Bucket elevator is one of the most effective machine to elevate powders, granular and small blocks materials vertically, such as cement, grains, sand and so on. There are various series: TD belt type, TH chain type, NE plate chain type, can meet different production requirements. It is mainly used in electric power, metallurgy, building materials, chemical industry and other industries.

技术参数 (Technical data)

型号 Model	TH160		TH200		TH250		TH315		TH400		TH500		TH630		TH800	
斗型 Type of bucket	Zh	Sh	Zh	Sh	Zh	Sh	Zh	Sh	Zh	Sh	Zh	Sh	Zh	Sh	Zh	Sh
产量 Capacity(m ³ /h)	8	12	13	22	16	28	21	36	36	56	45	70	68	110	87	141
斗宽 Bucket idth(mm)	260		200		250		315		400		500		630		800	
斗容 Bucket volume(L)	1.2	1.9	2.1	3.2	3.0	4.6	3.75	6	5.9	9.5	9.3	15	14.6	23.6	23.3	37.6
斗距 Pitch of buckets (mm)	320		400		500		500		600		688		688		920	
链条 Chain type	Φ8×30		Φ12×40		Φ18×50		Φ18×50		Φ22×86		Φ22×86		Φ26×92		Φ26×92	
斗速 Speed of bucket (m/s)	1.25		1.25		1.4		1.4		1.5		1.5		1.5		1.6	

备注：Q为浅圆底料斗，S深圆底料斗，Zh:中深斗，Sh:深斗。

Note: Q: Shallow round bottom type bucket, S: deep round bottom type bucket, Zh:middle deep bucket, Sh: deep bucket.

垂直振动提升机 Vertical vibration feeder

产品简介 (Brief introduction)

DZC垂直振动提升机采用振动电机作振动源，利用两振动电机的合成振幅，将物料沿螺旋输送槽向上输送。DZC垂直振动提升机主要用于提升颗粒状、粉状、块状物料。本提升机结构简单，维修容易，物料定量送出，输送量连续可调，可作为各行业中、小颗粒物料的垂直输送之用。除具有从下向上提升物料外，还可以完成对物料的干燥、冷却作用。有槽式、封闭式两种结构。DZC垂直振动提升机广泛应用于化工、橡胶、塑料、医药、轻工、食品、冶金、建材、矿山、粮食等行业。

DZC vertical vibration feeder uses vibration motor as vibration source. The material is conveyed upward along the spiral conveying groove by using of the synthesis amplitude of two vibration motors. It is mainly used to lift granular, powder and block materials. The vertical vibration feeder has the advantages of simple structure, easy to maintain, quantitative delivery of materials, and adjustable continuously in throughput. In addition to lifting the material, it can also dry and cool materials through feeding. The feeder has two kinds of structure: slotted type and closed type. DZC vertical vibration feeder is widely used in chemical, rubber, plastic, medicine, light industry, food, metallurgy, building materials, mining, food and other industries.



特点 (Features)

- 1、占地面积小、结构简单、合理。
- 2、动力消耗小、噪音小、维修方便。
- 3、提升物料的同时完成对物料的降温、冷却。

1. Small covering area, simple and reasonable structure.
2. Low power consumption and noise. Easy to maintain.
3. Cooling of the material are completed while lifting the material.

技术参数 (Technical specification)

型号 Model	输送量 Conveying capacity (t/h)	直径 Diameter (mm)	宽度 Width (mm)	双振幅 Double-amplitude (mm)	功率 Power (kw)	重量 Weight (kg)
DZC300	~1.0	300	77	6~7	2×0.4	680
DZC500	~2.0	500	140	6~8	2×0.75	1010
DZC550	~3.0	550	152	6~8	2×1.5	1190
DZC600	~3.0	600	163	6~7	2×1.5	13210
DZC800	~4.0	800	224	6~8	2×2.2	1590
DZC850	~4.0	850	224	6~9	2×2.2	1750
DZC900	~3.5	900	185	6~9	2×3.0	2100

振动平台 Vibrating table



产品简介 (Brief introduction)

振动平台用于物料的震实，减少物料内的空气和缝隙。振动平台应用于混凝土、预制件试块、树脂砂和消失模等造型时，通过振动电机带动机体振动使砂充分紧实和充满铸型。

Vibrating table is used for compacting materials to reduce the air and gap in the materials. Vibration table is applied to the modeling of concrete, prefabricated test block, resin sand and evaporative pattern, the vibration motor drives the table to make the sand be compacted fully and fill the mold.

工作原理 (Working Principle)

振动平台由台面、振动电机、减震弹簧、基座组成。在振动机构的带动下做横向、纵向、上下等三维振动，振动平台的减震机构主要有钢簧、橡胶弹簧、复合弹簧、空气弹簧等几种。

The vibration table is composed of the table, the vibration motor, the damping spring and the base. Driven by the vibration motor, it does three-dimensional vibration such as horizontal, longitudinal, up and down vibration. The damping mechanism mainly has steel springs, rubber springs, composite springs, air springs and so on.

产品优势 (Advantages)

- 一、结构简单、运行可靠、安装简便。
 - 二、大功率、大台面，最大可承载砂箱重量20T。
 - 三、三维震动，适用于复杂型腔铸件。
 - 四、台面尺寸和承载重量特殊定制
1. Simple structure, reliable to operate and easy to install.
 2. Large table size. The maximum loading is 20Tons.
 3. Three-dimensional vibration. It is suitable for complex cavity castings.
 4. The table size and loading weight can be specially customized.

螺带混合机 Ribbon Mixer

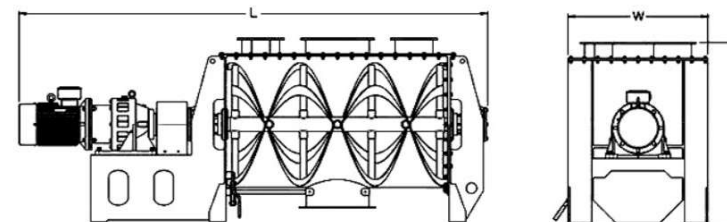
产品简介 (Brief introduction)

卧式螺带混合机是一种新型高效混合设备，广泛适用于化工、医药、食品、建材、饲料、养殖业、生物工程、精细化工、以及新材料、核能材料等行业的粉体与粉体、粉体与胶浆液的物料混合。

该机为卧式筒体，内外二层螺旋带具有多种搅拌结构，混合速度快，混合均匀度高，螺旋带上可以安装刮板，更适应稠状、糊状的混合。在不同物料的混合要求下，采用不同螺旋带结构，可加热、干燥的夹套型。特种雾化液体，设有特种喷头。卧式机上也可以设有活动门，以便供用户清洗。

Horizontal Ribbon Mixer is a new type of high efficiency mixing equipment. Widely used in Chemical, pharmaceutical, food, building materials, feed breeding, biological engineering, fine chemicals, new materials, nuclear materials and other industries powder and powder powder and glue slurry material mixing.

The machine is a horizontal barrel, the inner and outer two spiral ribbons with a variety of mixing structure, high mixing speed and uniformity, spiral ribbons can be equipped with scraper, more suitable for thick, paste mixing. In different material mixing requirements, using different spiral ribbons structure, can be produced with heated, drying jacket. Special atomizing liquid with special nozzle. Horizontal machines can also be equipped with door for cleaning.



技术参数 (Technical specification)

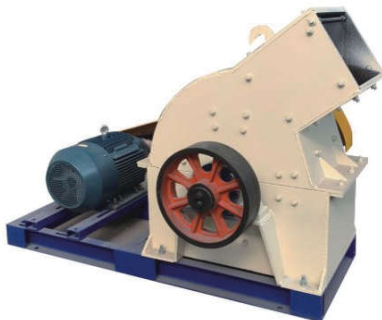
型号 Model	WLD0.3	WLD0.5	WLD1	WLD1.5	WLD2	WLD3	WLD4	WLD6
电机 Motor(kw)	3-5.5	4-11	7.5-15	11-18.5	15-22	18.5-30	22-37	37-55
产量 Capacity (L)	120-180	200-300	400-600	600-900	800-1200	1200-1800	1800-2400	2400-3600
长度 Length (mm)	2000	2500	2700	3000	3400	3800	4100	4500
宽度 Width (mm)	700	800	1000	1100	1200	1300	1400	1700
高度 Height (mm)	1000	1400	1450	1550	1700	1950	2000	2100
重量 Weight (kg)	800	1200	1800	2000	2300	3200	4000	6000

锤式破碎机 Hammer Crusher

工作原理 (Working Principle)

锤式破碎机主要是靠冲击能来完成破碎物料作业的。锤式破碎机工作时，电机带动转子作高速旋转，物料均匀的进入破碎机腔中，高速回转的锤头冲击、剪切撕裂物料致物料被破碎，同时，物料自身的重力作用使物料从高速旋转的锤头冲向架体内挡板、筛条，大于筛孔尺寸的物料阻留在筛板上继续受到锤子的打击和研磨，直到破碎至所需出料粒度通过筛板排出机外。

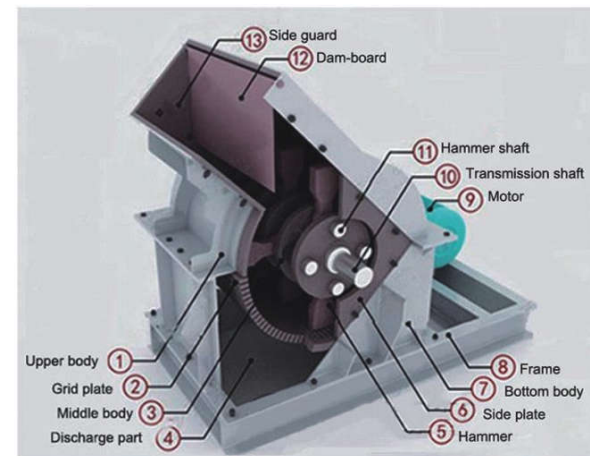
Hammer crusher breaks material by collision of material with high-speed rotating hammer. It has the characteristics of simple structure, large crushing ratio and high production efficiency, and can be used for crushing in both dry and wet forms. Hammer crusher can be used for crushing production lines, sand production lines, and can also replace cone crusher in mineral processing production. The main working part of types of hammer crusher is the rotor with hammers. The rotor consists of main shaft, disk, hinge pin and hammers. A sieve plate is below the rotor. The motor drives the rotor to rotate at a high speed. When the materials get into the crushing cavity, they are crushed by the rotating hammers, the crushed products which meet the required size can be discharged from the sieve plate and become the final products, the products with larger size are brought back to the crushed area for being re-crushed until they reach the required size.



技术参数 (Technical Parameters)

型号 Model	进料尺寸 Feeding Size (mm)	排出尺寸 Discharging size(mm)	产量 Capacity(t/h)	速度 Rotor Speed (r/min)	电机Motor		重量 Weight (t)
					型号 Model	功率 Power	
KPC0403	<=100	<=30	5-10	960	Y132M2-6	11	0.8
KPC0604	<=120	<=30	10-25	970	Y180L-6	15	1.43
KPC0606	<=120	<=30	20-35	980	Y225M-6	30	1.77
KPC0808	<=200	<=30	70-105	740	Y280M-8	45	3.6
KPC1010	<=200	<=30	160-200	740	Y315M2-8	90	6.1
PCH1016	<=300	<=30	300-350	740	JS-128-8	155	9.2
KPC1216	<=350	<=30	620-800	740	Y450-8	355	15.0
KPC1616	<=400	<=30	700-900	740	YKK5001-8	400	19.3

结构 (Structure)



特点 (Features)

- 1、体积小、重量轻、结构简单、易操作维护、破碎比大、过粉碎小、产品粒度均匀、生产能力高等特点；
 - 2、适用于破碎脆性、中硬的、抗压强度150MPa 的各种物料；
 - 3、工作锤头大，采用新工艺铸造，具有耐磨、耐冲击、可据客户要求，调节需要的粒度，同时机体结构密封，解决了破碎车间的粉尘污染和机体漏灰问题；
 - 4、整体设计造型美观、结构紧凑，易损件少，维修方便等优点，是升级换代产品。
1. Large feed port, high crushing chamber, suitable for high hardness, large block material. New hammer, large impact force.
 2. Hammer shaft installation is adjustable, service life of hammers are long.
 3. Adjustable grid size, controllable product size, good particle shape.
 4. Square handle bolt, resistant to impact and abrasion.
 5. Compact structure and strong machine rigidity.
 6. Splicing structure, convenient for handling and installation.