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给料筛分系列

FEEDING AND SCREENING SERIES



创造 · 和谐 · 诚信 · 感恩

INNOVATIVE HARMONIOUS HONEST GRATEFUL

中国·河北·唐山
TANGSHAN·HEBEI·CHINA

About Us

企业简介

唐山市山岳重工机械制造有限公司成立于 2019 年 3 月，公司前身为遵化市一重机械厂，至今拥有二十余年的行业技术积累和丰富经验，是唐山市重点支持发展的技术型矿山装备整机骨干企业，专业从事高端破碎筛分设备的研发、生产、销售及服务领域，掌握破碎筛分关键核心技术。并能够为客户提供项目规划、设计、施工、运营管理、技术支持、部件供应的全流程服务。

2022 年新建设年产 500 台（套）数字化矿山设备研发生产基地，占地 30000 多平方米，被列为河北省省级重点建设项目，目前已经投入使用。

Tangshan Shanyue Heavy Industry Machinery Manufacturing Co.,Ltd was established in March 2019, which was formerly known as Zunhua Yizhong Machinery Factory. We have more than 20 years of industry technology accumulation and rich experience, we are a key enterprise of mining equipment that Tangshan supports and develops, specializing in the research and development, production, sales and service of high-end crushing and screening equipment, we master the key core technologies of crushing and screening. And can provide customers with full-process services including project planning, design, construction, operation management, technical support and parts supply.

In 2022, a new R&D and production base for digital mining equipment with an annual output of 500 units (sets) finished construction, covering an area of more than 30,000 square meters, it is listed as a key provincial construction project of

公司非常注重企业现代化的持续创新能力和管理能力建设，通过了 GB/T19001-2016/ISO9001:2015 质量管理等一系列体系标准认证。被评为国家级高新技术企业，河北省专精特新企业，河北省创新型企业等，并且拥有自主研发中心。公司一贯奉行以信誉为本；以德打造优良品质，以行成就优质服务的经营理念；以满足客户需求为企业发展动力的经营宗旨，全力打造山岳重工品牌，力争客户的百分百满意！

欢迎全球客户莅临考察，我们将竭诚为您服务。

Hebei and has been put into use.

Our company attaches great importance to the continuous innovation and management capabilities, and has passed a series of system standard certifications such as GB/T19001-2016/ISO9001:2015 quality management. Our company has been rated as a national high-tech enterprise, a specialized and new enterprise, as well as an innovative enterprise of Hebei Province, and we have an independent R&D center. We always take credibility as basis; adhere to the business philosophy of building excellent quality with virtues, achieving superior service with actions, and meeting customer needs as the driving force for corporate development. We strive to build the Shanyue Heavy Industry brand and 100% customer satisfaction!

Sincerely welcome customers worldwide to visit us and we will serve you wholeheartedly.



C 企业文化 Company Culture

企业使命：为客户创造价值；为员工发展和幸福而创造平台；为传统先进文化理念和社会进步和谐贡献力量；
打造专业产品，为矿业创最大效益。

经营理念：以信誉为本；以德打造优良品质，以行成就优质服务；创造和谐，诚信感恩。

Company Mission: Create value for customers; provide a platform for the development and well-being of employees; make contributions to the traditional yet advanced ideas as well as the development and harmony of the society; offer professional products and maximize benefits to the mining

industry.

Management Philosophy: Integrity is the foundation; building excellent quality with virtues, achieving superior service with actions; innovative and harmonious, honest and grateful.

E 企业优势 Enterprise advantages

1、技术实力雄厚。拥有专业技术人员 20 余名，并与国家级重点科研院所合作，加强企业技术、研发实力。

2、产品定位高端市场，已形成国内、国际，线上、线下完整的销售网络及完整的售后服务体系，整机所构成的各个零部件的材质，加工组装工艺都是按国际一流设备标准进行生产。

3、产品已经实现智能化控制，而且公司通过数字化智能系统和互联网云计算技术，建立了远程运维服务平台，实现了设备运行状态的实时监测和远程修

正；大幅度提高了设备运转率和可靠性，并实现了产品全生命周期服务。

4、公司专注矿山破碎筛分设备，已经成功研发并正式投产的 HC890i/895i 单缸液压圆锥破碎机，是目前同类设备中最大型号、最先进的破碎设备。该产品智能化程度高、可靠性高、处理量高，是建设绿色矿山的首选设备。

5、产品具有极高的性价比。比肩国际一流设备的品质，却拥有国产的价格，大幅度降低客户使用成本，从而实现开源节流。

1. Strong technical strength. We have more than 20 professional technical staffs, and cooperate with national key scientific research institutes to strengthen the company's technology and R&D capabilities.

2. Our products are positioned in the high-end market and our company has formed a complete domestic and international, online and offline sales network, as well as a complete after-sales service system. The materials, production and assembly processes are all accord with international first-class equipment standards.

3. Our products have realized intelligent control, and our company has established a remote operation and maintenance service platform through digital intelligent systems and Internet cloud computing technology that realizes real-time monitoring and remote correction of equipment operating status, which can

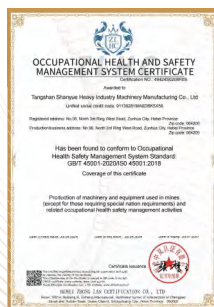
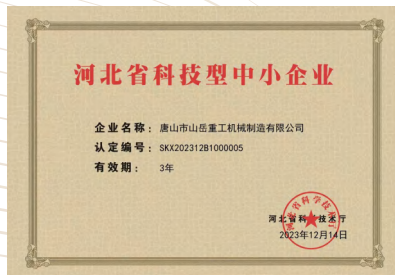
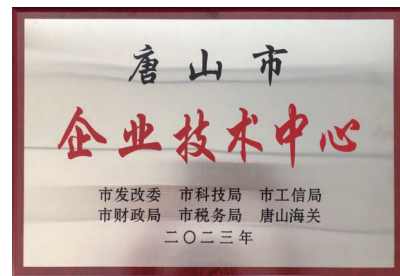
greatly improve equipment operation rate and reliability and realize product life cycle services.

4. Our company focuses on mining crushing and screening equipment. The HC890i/895i single-cylinder hydraulic cone crusher, which has been successfully developed and officially put into production, is currently the largest and most advanced crushing equipment of its kind. This product has high intelligence, high reliability and high processing capacity, and is the first choice for building green mines.

5. Our products have extremely high cost performance. The quality is comparable to international first-class equipment, but with more affordable prices, which greatly reduces the customer's cost of use, thereby achieving revenue and expenditure reduction.

企业资质

Enterprise qualification





山岳重工
SHANYUE HEAVY INDUSTRY

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LS 系列直线振动筛

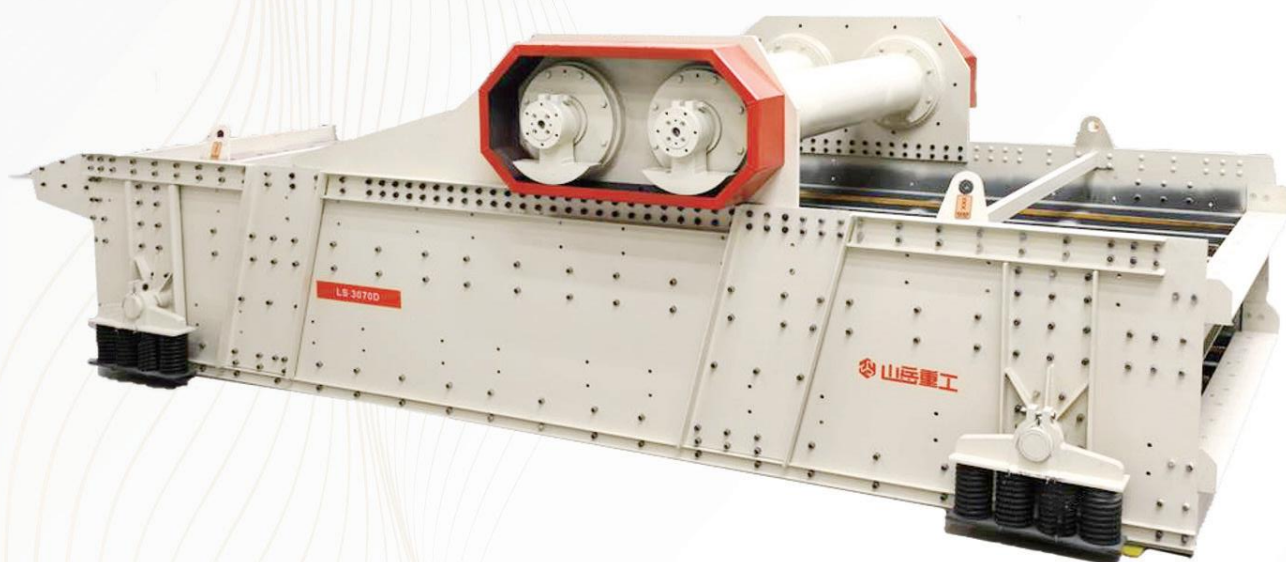
LS SERIES LINEAR VIBRATING SCREEN

产品介绍

Product Introduction

LS 系列直线振动筛是选矿厂破碎筛分车间的主要设备之一，主要应用于破碎前的预先筛分，破碎后的检查筛分以及闭路筛分作业。对于筛分设备来说，通过能力，筛分效率，筛箱体的使用寿命等因素直接影响其整体性能。

LS series linear vibrating screen is one of the main equipment in crushing and screening workshop. It is mainly used for pre-screening before crushing, inspection screening after crushing and closed-circuit screening. For screening equipment, factors such as passing capacity, screening efficiency and service life of screen box directly affect its overall performance.



产品优势和特点

Advantages and Features



1. 耗能低、产量高

用于重负荷矿用工况，筛面角度大，筛分效率高，耗能低、产量高，筛面倾斜角小，筛机高度低，所需安装空间低，便于工艺布置；

2. 高耐磨，高寿命

在给料、排料、侧壁及筛网增设了可更换的耐磨材料，大大提高使用寿命；

3. 适用于各种物料

通过调节振动筛的筛分速率、激振力、冲程形式、冲程角度、振动筛安装角度等参数，可以使直线振动筛适应处理各种不同的物料；

4. 结构简单、易于维修

具有结构简单、易维修、全封闭结构，无粉尘溢散，自动排料，更适用于流水线作业。

1.Low energy consumption and high output. It can be used in heavy load mining conditions, the sieving angle is large, high screening efficiency, low energy consumption and high output. The inclined angle of screen surface is small, the height of screen machine is small, so the requirement for installation space is low, which is convenient for process layout.

2.High wear resistance and long life. Replaceable wear-resistant materials are added to feed, discharge, side wall and screen, greatly improving service life.

3.Suitable for all kinds of materials. By adjusting the screening rate, exciting force, stroke form, stroke angle, installation angle and other parameters of the vibrating screen, the linear vibrating screen can be adapted to handle various materials.

4.Simple structure and easy maintenance. It has simple structure, easy to maintain, fully closed structure, no dust overflow, automatic discharge, making it suitable for assembly line operation.

参数

Parameter

设备型号 Product Model	层数 Deck	筛网尺寸 (mm) Screen Size (mm)	最大进料粒度 (mm) Maximum Feed Size (mm)	处理能力 (t/h) Capacity (t/h)	电机功率 (kw) Power (kw)
LS-2160S	1	2120×6000	300	225-400	2×22
LS-2160D	2	2120×6000	300	350-550	2×22
LS-2460S	1	2420×6000	300	315-500	2×30
LS-2460D	2	2420×6000	300	480-700	2×30
LS-2460T	3	2420×6000	300	500-750	2×30
LS-3060S	1	3020×6000	300	600-800	2×37
LS-3060D	2	3020×6000	300	800-1000	2×45
LS-3070D	2	3020×7000	300	900-1090	2×45

椭圆等厚振动筛

EQUAL THICK ELLIPTIC VIBRATING SCREEN

产品介绍

Product Introduction

椭圆等厚振动筛因形状近似香蕉形状，故也称为香蕉筛。本系列等厚振动筛是我公司在吸收国外技术的基础上新开发的又一系列专用于矿山行业的矿石分级、采石场砂、石料分级的筛分机械，亦可广泛应用于冶金、煤炭、矿山、交通、电力、建材、化工等部门，对各种物料进行分级的大型筛分设备。



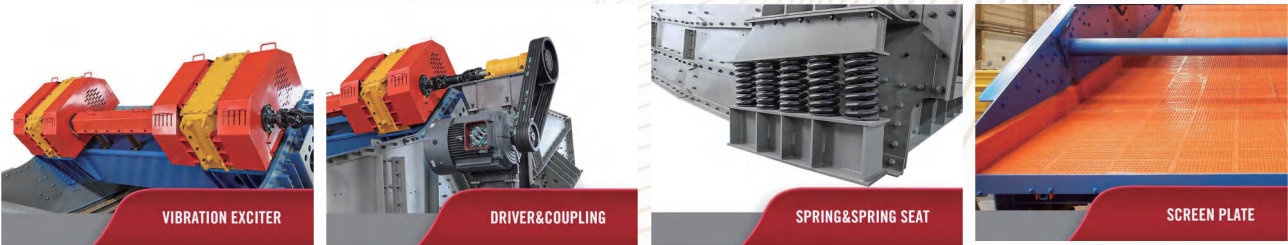
Equal thick elliptic vibrating screen is also called banana screen because its shape is similar to banana. This series of equal thick elliptic vibrating screen is another series of screening machinery specially developed by our company on the basis of absorbing foreign technology for ore classification, quarry sand and stone classification in the mining industry. It can also be widely used in metallurgy, coal, mining, transportation, electric power, building materials, chemical industry and other departments to classify various materials.

产品优势和特点

Advantages and Features

筛机使用模块式振动器激振，实现整体拆装，筛机受力情况好，维护检修方便。筛机运动轨迹为变椭圆运动，物料运动速度快，处理能力大，在出料端，物料运动速度变慢，筛分效率高，技术参数先进。筛机采用了椭圆等厚振动筛分原理，筛面分为多段，每段各以不同的倾角对物料进行筛分，从而使物料等厚、容易透筛，处理能力和筛分效率大大提高；筛机采用环槽铆钉联接，结构简单、紧凑、牢固、可靠，维护、检修方便；筛机采用橡胶弹簧减振，过共振区运转平稳，噪声小；筛机配备了给料槽，给料方便，保护了筛网，同时充分利用了筛分面积；当采用聚氨酯筛网时，筛网寿命长，不易堵孔。

The screen machine is excited by modular vibrator to realize overall disassembly and assembly. The screen machine has good stress and convenient maintenance. The motion track of the screen machine is elliptical motion, with fast material movement speed and large processing capacity. At the discharge end, the material movement speed becomes slow, high screening efficiency and advanced technical parameters. The screening machine adopts the equal thickness screening principle, and the screen surface is divided into multiple sections. Each section screens the materials with different inclination angles, so that the materials are equal thickness and easy to pass through the screen, and the processing capacity and screening efficiency are greatly improved. The screen machine is connected by ring groove rivets, with simple, compact, firm and reliable structure and convenient maintenance and overhaul. The screening machine adopts rubber spring to reduce vibration, material runs smoothly through the resonance area and has low noise. The screen machine is equipped with a feeding trough, which is convenient for feeding, protects the screen and makes full use of the screening area. When polyurethane screen is used, the screen has long service life and is not easy to block holes.



参数

Parameter

设备型号 Product Model	筛面 Screen surface				给料粒度 (mm) Feed Size(mm)
	层数 Deck	面积 (m ²) Area (m ²)	筛面倾角 (°) Inclination (°)	筛孔尺寸 (mm) Mesh Size (mm)	
2STDM3673	2	26.28	18-22°	5-100	< 300
2STDM4385	2	36.55	5-35°	5-80	< 200

直线振动脱水筛

LINEAR DEWATERING VIBRATING SCREEN

产品介绍

Product Introduction

高频脱水筛是高效脱水设备，其结构合理，独特新颖，采用振动电机或激振器作激振源，物料进行抛掷运动，达到筛分处理的目的，主要用于细小或微小物料的分级和脱水以及煤泥回收，如尾矿干排、精矿脱水、煤泥分离等行业，具有处理量大，脱水充分，技术经济效果显著，适用范围广等特点。

The high-frequency dewatering vibrating screen is an efficient dehydration equipment, it has reasonable structure and unique design. Using vibration motor or vibration exciter as vibration source, makes materials do throwing motion, to achieve the purpose of screening processing. It is mainly used for small or tiny materials classification, dewatering and slime recovery, such as dry tailings, concentrate dewatering, slime separation industry, with large capacity, full dehydration, obvious technical and economical effect and wide application ranges.

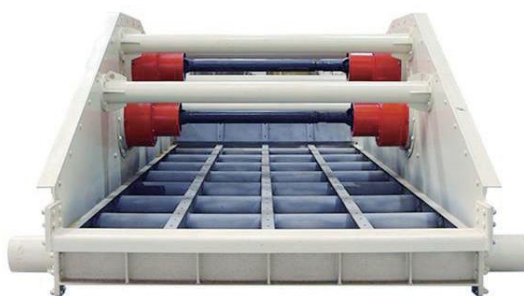


产品优势和特点

Advantages and Features

1. 采用双振动电机激振，结构坚固紧凑，摆脱了传统偏心振动器结构大、漏油、磨损大、噪声大、不便维修等缺点。
2. 脱水筛的侧体护板粘有耐磨橡胶，保证脱水筛不受磨损导致变形破裂，并减少了铁质对物料的污染。
3. 高频脱水筛筛网利用的是嵌入式耐磨聚氨酯组合筛网，它的寿命比传统金属筛网高 3-10 倍，避免了筛网的金属框架与矿石的直接碰撞，减少噪音，减轻金属筛网的厚重感。
4. 脱水筛的减振装置采用的是橡胶减振柱，更适合潮湿工况，既减振又经久耐用。
5. 高效多频脱水筛采用筛板侧面开孔方式，让部分水从该孔快速流出，加快了脱水速度，另外，还避免了因水溅到电机导致的损坏现象。

- 1.The dewatering vibrating screen adopts dual vibration motors to excite vibration with a solid and compact structure, which makes it get rid of shortcomings of traditional eccentric vibrators such as large structure, oil leakage, large wear, high noise, and inconvenient maintenance.
- 2.The side body guard boards of the dewatering vibrating screen are adhered with wear-resistant rubber to ensure that the dewatering screen will not be deformed or broken due to wear and reduce the contamination of materials by iron.
- 3.The dewatering vibrating screen uses an embedded wear-resistant urethane combination screen, its lifespan is 3-10 times longer than traditional metal screens. It avoids direct collision between the metal frame of the screen and the ore, as well as lighter than metal ones.
- 4.The vibration damping device of the dewatering screen uses rubber damping columns, which are more suitable for wet working conditions and are both vibration reducing and durable.
- 5.The dewatering vibrating screen adopts side opening method of sieve plates, which let part of the water flow out from the holes quickly to speed up the dehydration. In addition, it also avoids damage caused by water splashing onto the motor.



参数

Parameter

设备型号 Product Model	筛孔尺寸 (mm) Mesh Size (mm)	筛网面积 (m ²) Screen Area (m ²)	筛网材质 Screen Material	处理能力 (t/h) Capacity (t/h)	电机功率 (kw) Power (kw)
ZDTS1236	0.2、0.3、0.5	4.32	聚氨酯 Polyurethane	20-35	2×2.2
ZDTS1836	0.2、0.3、0.5	6.48	聚氨酯 Polyurethane	30-50	2×3
ZDTS2436	0.2、0.3、0.5	8.64	聚氨酯 Polyurethane	60-80	2×5.8
ZDTS3060	0.25-50	18	聚氨酯 Polyurethane 不锈钢 Staninless steel	150-350	2×30

直线振动给料机

LINEAR VIBRATING FEEDER

产品介绍

Product Introduction

该系列振动给料机系消化吸收国外先进技术制造设计，用于粗碎破碎机前大块物料的均匀给料，同时由于棒条筛面的作用，又能除掉泥土等细碎物料，达到预筛分功能，能够提高粗碎能力。特别适用于水电行业、建筑石料、金属矿石等粗碎前给料用。



This series of vibrating feeders is designed and manufactured by digesting and absorbing advanced technology. They are applied in even distribution of large materials before entering coarse crushers. Due to the preliminary screening effect of the bar screen, fine materials such as dirt will be removed, and this can increase the coarse crushing capacity. The vibrating feeders are highly suitable for hydropower industry and the feeding process before the coarse crushing of building stones and metal ore.

产品优势和特点

Advantages and Features

此给料机振动平稳、工作可靠、寿命长；可以调节激振力，可随时改变和控制流量，调节方便稳定；振动电机为激振源，噪声低，耗电小，调节性能好，无冲料现象。结构简单，运行可靠，调节安装方便，重量轻，体积小，维护保养方便。当采用封闭式结构机身时可防止粉尘污染。

This feeder enjoys smooth vibrating, reliable operation and high durability. The excitation force can be adjusted whenever necessary, the capacity can be changed and controlled in a convenient and stable way. The vibrating motor serves as a source of vibration with low noise and electricity consumption. It is highly adjustable with no spilling materials. The feeder has simple structure with reliable operation and is easy to install. It has light weight and small size, which facilitates its maintenance. Dust pollution can be prevented when using a closed structure fuselage.



参数

Parameter

	设备型号 Product Model	料槽尺寸 (mm) Feeder Size (mm)	筛分面积 (m ²) Screen Area (m ²)	处理能力 (t/h) Capacity (t/h)	电机功率 (kw) Power (kw)	重量 (kg) Weight (kg)	外型尺寸 (mm) Dimension (mm)
SV 系列 SV Series	SV9638	960*3800	1.5	100-160	15	4400	4112 × 1728 × 1340
	SV1149	1100*4900	2	120-280	22	6000	5206 × 1846 × 1360
	SV1362	1300 × 6200	2.4	780-1170	22	7900	6170 × 2285 × 1606
	SV1562	1500 × 6200	2.7	880-1320	30	8500	6170 × 2485 × 1635
	SV1862	1800 × 6200	3.3	1040-1560	37	10600	6170 × 2531 × 1695

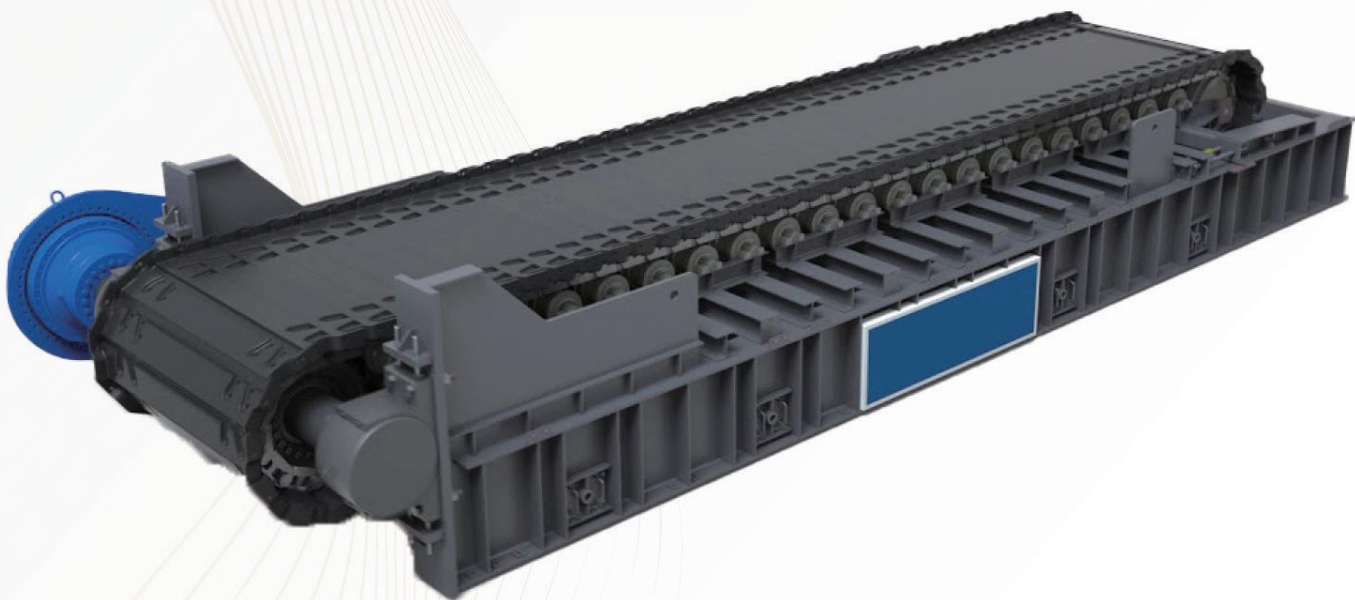
重型板式给料机

HEAVY-DUTY APRON FEEDER

产品介绍

Product Introduction

重型板式给料机为连续输送物料机械的一种，用于沿水平或倾斜方向向破碎机、输送机或其他工作机械连续均匀地配给和转运物料，广泛应用于大型选矿厂破碎分级车间，在水泥、建材等部门也发挥着关键作用。



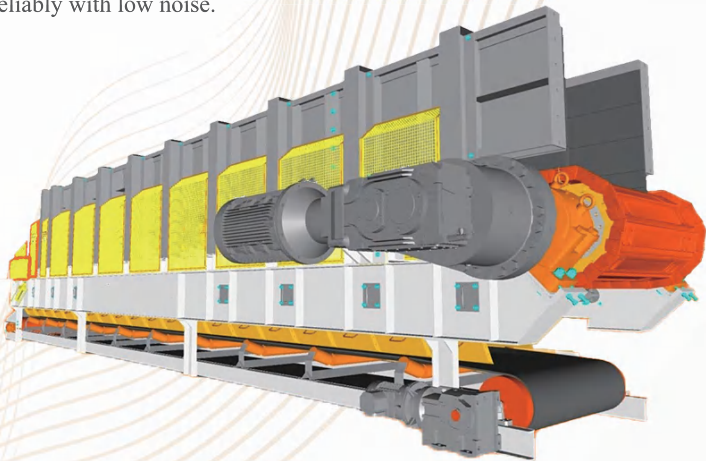
Heavy-duty plate feeder is a kind of continuous material conveying machinery. It is used to continuously and evenly distribute and transfer materials to crushers, conveyors or other working machinery in a horizontal or inclined direction. It is widely used in the crushing and grading workshops of large mineral processing plants, and also plays a key role in cement, building materials and other departments.

产品优势和特点

Advantages and Features

- 1、对具有锋利棱角的和对输送机有强烈磨损性的物料，重型板式给料机都可输送，还适宜输送小于400℃以下的高温物料；
- 2、链板抗弯强度大，耐冲击；
- 3、布置灵活，重型板式给料机可左传动，也可右传动，可水平输送物料，也可倾斜输送物料，用户可根据实际现场选定；
- 4、牵引链条强度高，可作较长距离的输送；
- 5、重型板式给料机运行平稳可靠、噪音小。

1. The heavy-duty apron feeder can transport materials with sharp edges or have strong wear for the conveyor, and is also suitable for transporting high-temperature materials below 400℃;
2. The chain plate has high bending strength and impact resistance;
3. The layout is flexible. The heavy-duty apron feeder can be driven left or right, and can transport materials horizontally or tilted. The user can decide according to the actual site;
4. The traction chain has high strength, so that the heavy-duty apron feeder can be used for long distance transportation;
5. The heavy-duty apron feeder operates smoothly and reliably with low noise.



参数

Parameter

型号 Model	槽板宽度 (mm) Plate Width (mm)	中心距 (mm) Center Distance (mm)	最大给料尺寸 (mm) Max Feed Size (mm)	通过量 (t/h) Capacity (t/h)	功率 (kw) Power (kw)
BZ150-L	1500	6-20	800	160-830	30-45
BZ180-L	1800	8-20	1000	200-1000	37-55
BZ220-L	2200	8-20	1200	240-1220	45-75
BZ240-L	2400	10-20	1600	260-1330	2x37/2x45