



JIAOZUO YUXIN MACHINERY CO.,LTD
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公司简介

Brief Introduction

焦作市钰欣机械有限公司座落于焦作市城乡一体化示范区，
是专业的带式输送机制造商，
可为客户提供产品咨询、设计、制造、安装、运营全方位的服务。

Jiaozuo Yuxin Machinery Co., Ltd. is located in Jiaozuo urban and rural integration demonstration area,
which is located in High-tech Development district of jiaozuo ,
We provide services including consultation , design , manufacture , assemble and operation.

主要产品

DT75、DTII、DTIIA、ZY15、CEMA等通用带式输送机
管状带式输送机
远程可转弯带式输送机
DY及大带宽移动带式输送机
矿用带式输送机
波状挡边带式输送机

Main Products

Standard Straight Belt Conveyor
Tubular Belt Conveyor
Long Distance Curve Belt Conveyor
Mobile Belt Conveyor
Mining Belt Conveyors
Ripple Flange Belt Conveyo



公司拥有

年产50万只托辊生产线
年产10000套滚筒生产线
各种清扫器、缓冲床等生产专用设备
完善的质保体系
高素质的专业团队

已通过

ISO9001-2015质量体系认证
ISO14001-2015环境体系认证
OHSAS18001-2007 职业健康安全体系认证
煤炭安全许可证

Our Abilities

Production Capacity: 500,000 rollers/year
10000 pulleys/year
Manufacture equipments to produce belt cleaers, impact beds, ect.
We have well-implemented quality control system

Certificated

ISO9001:2015 Quality Management system
ISO14001:2015 Environmental Management system
OHSAS18001:2007 Occupational Health and Safety Managenment System
Safety License of Coal Production

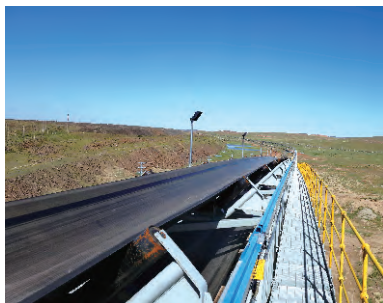


STANDARD BELT CONVEYOR 通用带式输送机

DT75、DTII、DTIIA、ZY15、CEMA等通用带式输送机，广泛用于冶金、矿山、煤炭、港口、电站、建材、化工、轻工、石油等各个行业。公司可根据用户的具体需求设计各种用途的通用带式输送机。

The standard belt conveyor is widely used in metallurgy industry, mining, coal, seaport, power station, building materials, chemical industry, light industry, petrol industry etc. Yuxin can provide standard belt conveyors for a variety of usage according to clients' requirements.





LONG DISTANCE CURVE BELT CONVEYOR 远程转弯带式输送机

远程转弯带式输送机是随着胶带抗拉强度的增加应运而生的一种可水平转弯、长距离输送（最长可达30KM）大带宽（B2600）的一种带式输送机，与通用带式输送机相比有以下优点：

- 1、可转弯减少了物料的转运站，节省投资；
- 2、可长距离输送，减少了固定资产（铁路、公路）的投入；
- 3、长距离输送，减少了驱动的点数，对电力与控制要求均有所降低。

Increased tensile strength of modern conveyor belts allow for the construction of long distance curved conveyors of up to 30 kilometers and for belt widths of up to 2600mm. Compared to the standard belt conveyor, curved conveyors may exhibit several advancements such as:

- 1、Decreased material transportation costs;
- 2、Decrease in fixed assets cost (railway or highway);
- 3、Decrease drive devices and transfer points.



TUBULAR BELT CONVEYOR

管状带式输送机

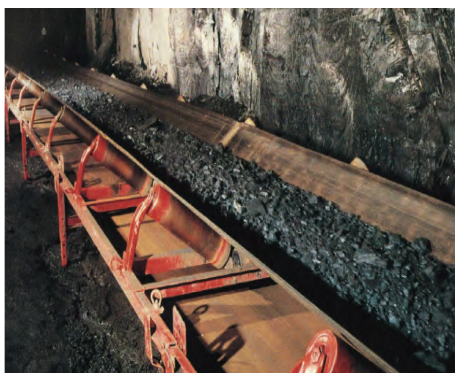
管状带式输送机是将散状物料包裹在强制形成管状胶带内进行输送的带式输送设备。现已广泛用于电力、港口、煤炭、粮食、化工、矿山等众多领域，与通用带式输送机相比，有以下特点：

- 1、占地面积小：倾角可达 30° ，最小转弯半径为45m，与通用皮带机相比节省60%空间；
- 2、不受系统限制，无需增加转运站，允许上行或下行皮带同时向两个方向输送；
- 3、密封输送物料有利于保护环境。

Tubular belt conveyor is a transport equipment used to roll the belt into a tube to pack the materials then transport them. Tubular belt conveyors are widely used in the power industry, seaports, coal industrys, grain industrys, mechanical industry, mining etc. Compare to the standard belt conveyor, the tubular belt conveyor has some advantages such as:

- 1、It takes smaller space: max incline angle is 30° , minimum turning radius is 45m. It can save 60% space compares to the standard belt conveyor;
- 2、No system limitations and decreased transportation costs;
- 3、Enclosed material transfer contribute to enrironment protection.





MINING USE BELT CONVEYOR 矿用带式输送机

矿用带式输送机是针对矿井下要求防爆、阻燃、抗静电等特殊要求，而设计制造的矿井专用输送设备，它具有通用输送机的优点，同时占地面积小，拆卸方便，是综采与机采工作面不可缺少的配套设备。

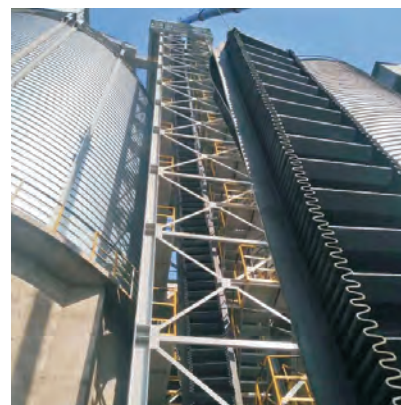
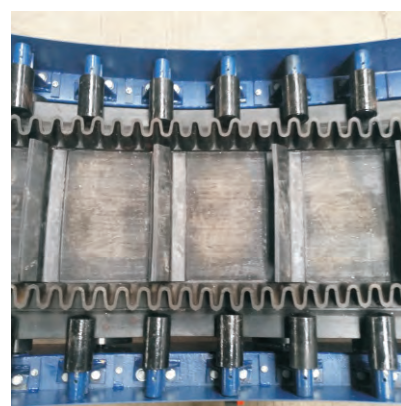
Mining belt conveyors are designed especially for where anti-explosion, flame retardation and antistatic materials are required. These conveyors have all of the same advantages of the standard belt conveyors, and also take up a smaller space and are easy to dismantle and move.

RIPPLE FLANGE BELT CONVEYOR

波状挡边带式输送机

波状挡边带式输送机是一种使用波状挡边输送带来达到大倾角输送（最大倾角为 90° ）的一种带式输送机。它具有占地面积小，变角方便等优点，广泛应用于港口、码头、冶金、化工、电力、煤炭、建材等散状物料的输送。

Ripple flange belt conveyor are capable of conveying material up a steep incline of up to 90° by utilizing a ripple flange belt. These conveyors require a smaller space and have adjustable angles. It is widely used in seaport, wharf, metallurgy industry, mechanical industry, power station, building material for bulk materials transportation.





MOBILE BELT CONVEYOR 移动带式输送机

移动带式输送机是一种高效、方便、机动性好、可连续输送的带式输送机，主要用于装卸地点经常变换的场合，如港口、码头、车站、煤场、仓库、建筑工地、砂石料场、农场等，是用来短距离输送及装卸散状物料或成件物品的理想设备。现公司可制作带宽B1600mm，长度达60m的大型移动带式输送机。

Mobile belt conveyors are efficient, convenient, maneuverable and continuous. They are widely used when the location of loading & unloading points are changeable such as seaports, wharfs, stations, coal factories, stores, building sites, sand & stone factories, farms etc. It can be used for transporting, loading, unloading bulk materials over short distances. The widest belt width we can manufacture is 1600mm with lengths up to 60m.



PULLEY

滚筒

滚筒是带式输送机的重要部件之一，我公司生产的滚筒具有如下特点：

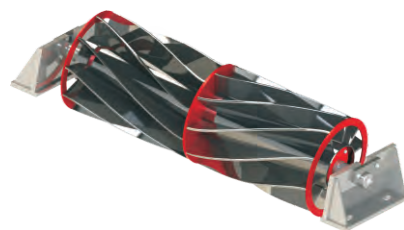
- 1、消失模整体铸造接盘，受力均衡，强度高；
- 2、无键联接（传动滚筒用胀套，改向滚筒用过盈装配），使轴的失效机率大大降低；
- 3、筒皮用钢板卷制，材质好，径跳有保证；
- 4、逐个的动平衡试验，确保运行平稳；
- 5、专有硫化胶层提高滚筒的摩擦力及耐磨性，有效增加滚筒寿命；
- 6、采用先进的有限元分析法优化设计，使高强度滚筒性能可靠、质量有保证。

Pulleys are an essential component of any belt conveyor. Yuxin pulleys have the following features:

- 1、Cast end discs feature less welding, increased balance and increased tensile strength;
- 2、Taper lock connections for drive pulleys and interference assemblies for non-drive pulleys to reduce likelihood of damage caused by shaft rotation;
- 3、High quality shell material and guaranteed low TIR;
- 4、Dynamic Balancing;
- 5、Hot vulcanized lagging (rubber or and rubber/ceramic) to extend pulley and belt life;
- 6、Designs using advanced finite element analysis methods to guarantee the performance and quality.



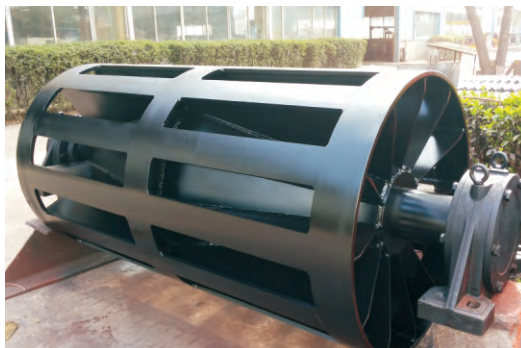
角位移调心滚筒

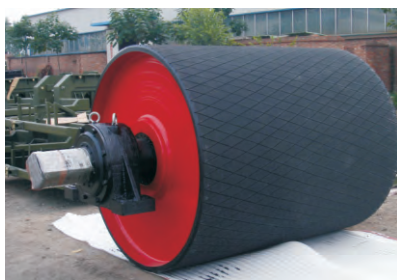


角位移排渣滚筒



小排渣滚筒





滚筒分类

- 1、**传动滚筒**是传递动力的重要部件，滚筒有光面、胶面。胶面形状又可分成光面胶，人字胶及菱形胶，以适应不同工艺需求；
- 2、**改向滚筒**是皮带机运转的主要部件，分成光面和胶面两种滚筒；按结构形式分为轻型、中型和重型系列；
- 3、**电动滚筒**作为皮带输送机的动力部件，广泛应用于矿山、冶金、化工、煤炭、建材、电力、粮食及交通运输等部门。

Sort of Pulley

- 1、**Drive Pulleys** are utilized for the transmission of power to the conveyor. Can be lagged (plain/herringbone/diamond/rhombus – according to design requirements) or unlagged;
- 2、**Bend Pulleys** are either plain lagged or plain steel according to the cover, and light-duty, medium-duty or heavy-duty;
- 3、**Motorized Pulleys** provide power directly to the belt conveyor and belt lifter as widely used in mine, metallurgy industry, mechanical industry, coal, building material, electronic power, grain, etc.

IDLER

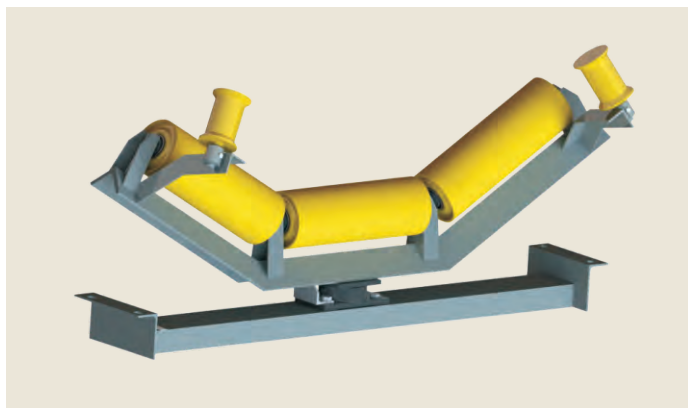
托辊组

托辊组是带式输送机的重要组成部分，它占总机价值的1/10，托辊的好坏直接影响带式输送机的正常、经济运转。

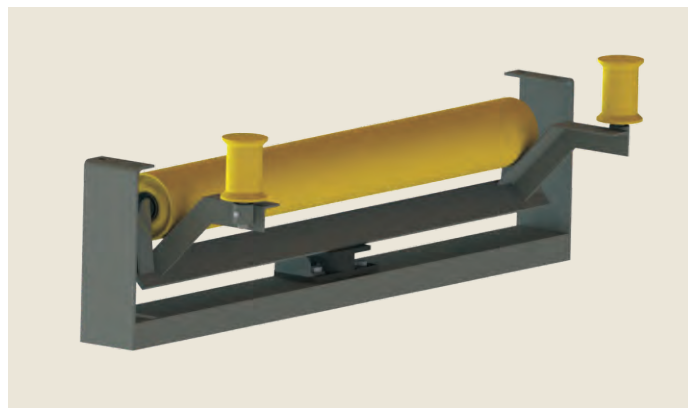
Rollers are an important part of belt conveyor, and comprise around one tenth of the cost of a conveyor. As such, the quality of the rollers will directly impact the conveyor's economic performance.

我公司生产的托辊，产品结构合理，使用寿命长，可在-40℃~70℃，有粉尘、淋水等恶劣环境下正常工作。

Yuxin rollers are designed with reasonable structure to guarantee the performing life. They can keep working under a temperature of -40℃ to 70℃ and a bad environment of dust and rain.



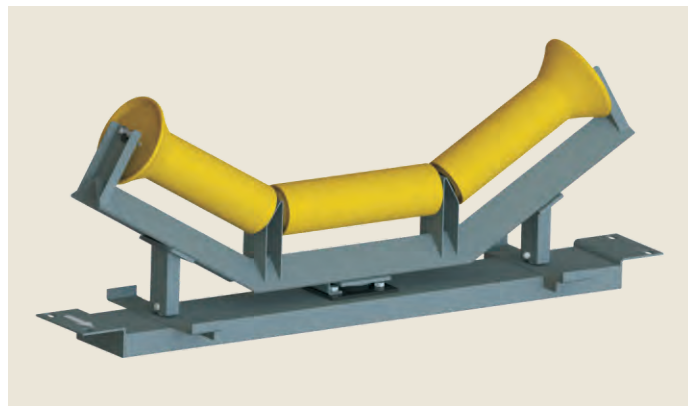
普通槽型调心托辊组
Normal troughing self-aligning idler



普通平行调心托辊组
Normal flat self-aligning idler



双向锥型调心托辊组
Tapered self-aligning idler



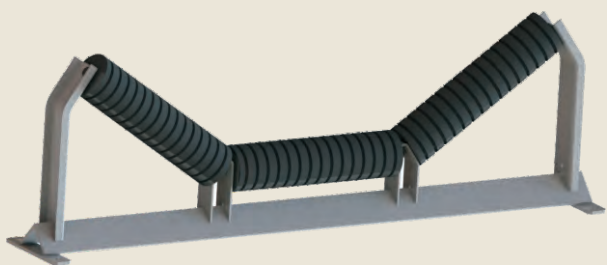
摩擦调心托辊组
Training idler

按使用功能可分为

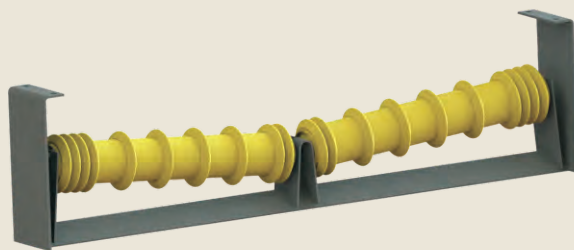
- 1、普通槽型调心托辊组
- 2、普通平行调心托辊组
- 3、普通缓冲托辊组
- 4、V型梳型托辊组
- 5、锥形调心托辊组
- 6、摩擦调心托辊组
- 7、升程式调心托辊组
- 8、液压调心托辊组

Sorting According to the Function

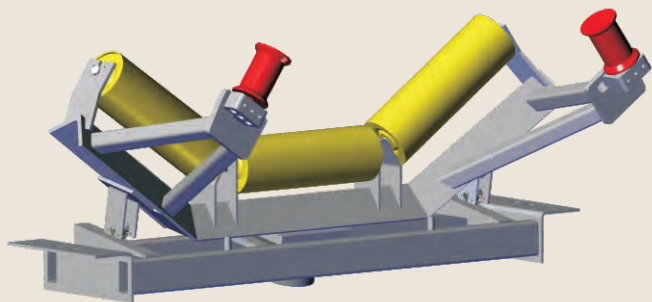
- 1、Normal troughing self-aligning idler
- 2、Normal flat self-aligning idler
- 3、Normal impact idler
- 4、Vee-type rubber-disc idler
- 5、Tapered self-aligning idler
- 6、Training idler
- 7、Rising/Ascending self-aligning idler
- 8、Hydraulic self-aligning idler



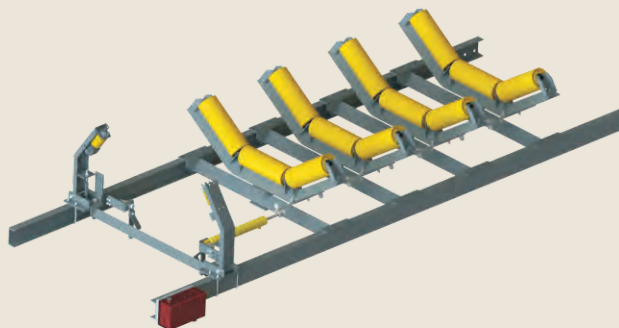
普通缓冲托辊组
Normal impact idler



V型梳型托辊组
Vee-type rubber-disc idler



升程式调心托辊组
Riser aligning idler set



液压调心托辊组
Hydraulic self-aligning idler

ROLLER

托辊

托辊有多种结构形式，比较常见的有：普通托辊、缓冲托辊、梳型托辊、锥型托辊、螺旋托辊、摩擦托辊。

There are various kinds of rollers, such as: standard rollers, impact rollers, comb rollers, tapered rollers, helical rollers or spiral rollers and rollers with friction cones.

我公司所产托辊防尘性，防水性均优于国家标准，径跳小（ $\leq 0.3\text{mm}$ ），旋转阻力小（ ≤ 0.002 ），寿命长（3万小时损坏率 $\leq 8\%$ ）。

The dustproof and waterproof are better than those of national standard, The TIR is smaller than 0.3mm , the rotating resistance is smaller than 0.002 , the loss rate in 30,000 hours is less than 8% .



托辊按材料可分为

- 1、普通钢管托辊
- 2、不锈钢防磁托辊
- 3、陶瓷涂层托辊
- 4、超高分子量聚乙烯托辊
- 5、缓冲胶圈托辊
- 6、聚氨酯托辊
- 7、橡胶托辊
- 8、高耐磨陶瓷托辊
- 9、轻质铝合金托辊
- 10、防腐尼龙托辊

Sorting According to the Material

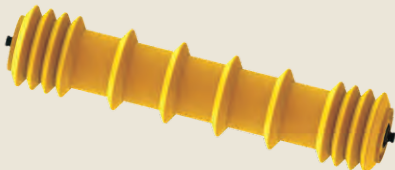
- 1、Standard Roller
- 2、SS Antimagnetic Roller
- 3、Ceramic Coated Roller
- 4、UHMWPE Roller
- 5、Impact Roller
- 6、Polymer Lagged Roller
- 7、Nature Rubber Lagged Roller
- 8、Wear-resistant Roller
- 9、Light-weight Aluminum Roller
- 10、Food-grade Nylon Roller



普通托辊
Nomal Roller



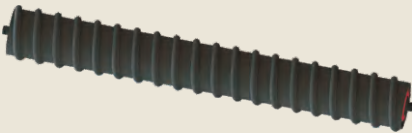
缓冲托辊
Impact Roller



梳形托辊
Comb Roller



锥形托辊
Cone Roller



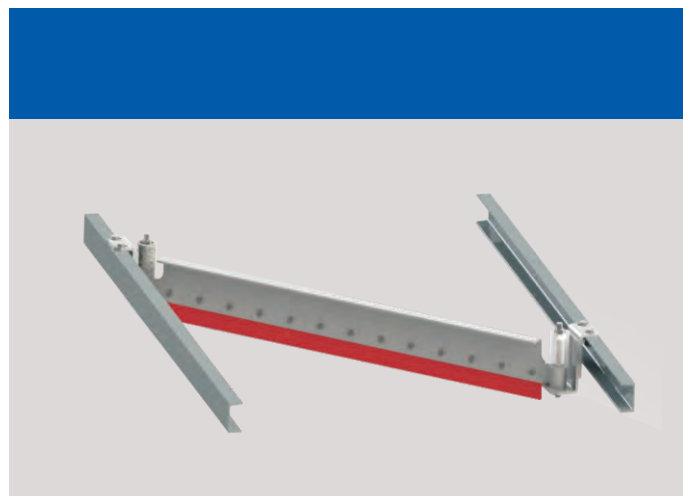
螺旋托辊
Spiral Roller



摩擦托辊
Friction Roller

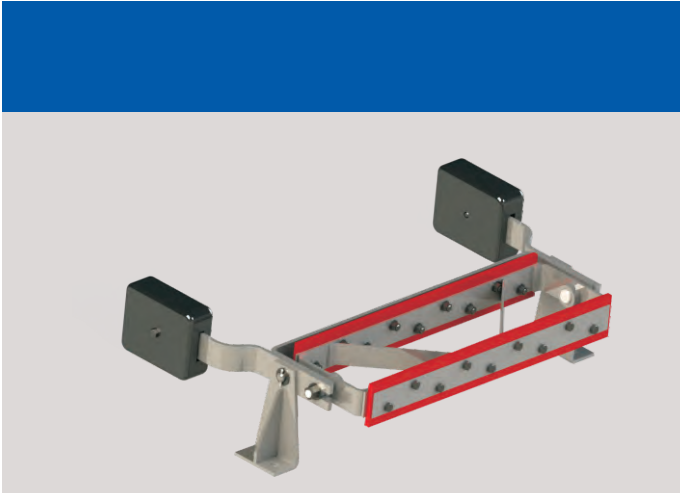
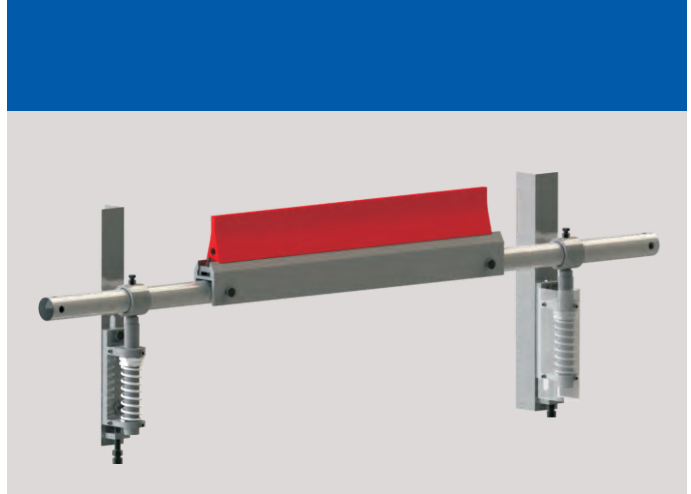
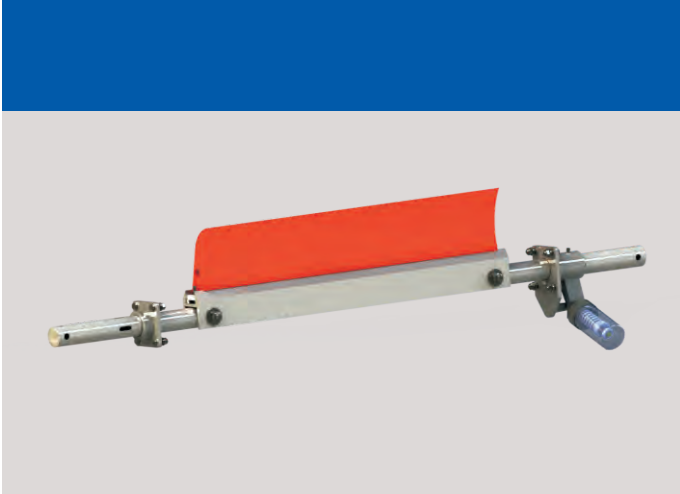
BELT CLEANER

清扫器



清扫器是带式输送机的卫士，选用合适的清扫器可有效地提高带式输送机的胶带、滚筒、托辊的寿命。

Belt Cleaners are essential for protection of the conveyor. A proper belt cleaner can extend the life of the belt, pulleys and rollers.



我公司可生产

- 1、H型、P型硬质合金（陶瓷）弹性清扫器
- 2、GH、GP型聚氨酯弹性清扫器
- 3、滚刷动力式主动清扫型清扫器
- 4、各种材质刮刀的空段清扫器
- 5、重锤双头清扫器
- 6、综合水清扫装置

We can provide

- 1、H and P cemented carbide (ceramic) belt cleaners;
- 2、G and GP polymer belt cleaners;
- 3、Rolling brush active belt cleaners;
- 4、Scrapers constructed with a variety of materials;
- 5、Counter weight double side belt cleaner;
- 6、Multi-mode belt cleanting unit.

IMPACT BED

落料缓冲床

落料缓冲床是用在皮带输送机导料槽下方，落料点皮带的下面。采用摩擦系数小的超高分子工程塑料制成，并通过高弹性的橡胶缓冲体固定在钢支架上，依靠对输送带的有效支撑及吸收物料对输送带的冲击，降低了输送带的磨损，延长了输送带的使用寿命。



优点

- 1、摩擦系数小，耐磨体采用摩擦系数小的超高分子工程塑料制成；
- 2、通过对胶带的有效支撑及吸收物料对胶带的冲击，有效防止胶带撕裂；
- 3、有效消除因输送带非均匀受力而导致的物料飞溅及散漏；
- 4、无运转部件，无需润滑，维修时只需更换耐磨体，免维护，降低成本；
- 5、模块化设计，拆分式结构，便于安装、维修；
- 6、托辊化设计，改造简便，将停工时间缩短至最小，有效提高生产效率；
- 7、根据您的需求，可以定制各种形式超高分子耐磨体。

Impact beds are used under the belt at material loading point. They are made of UHMWPE engineered plastic of low friction coefficient. The rubber impact blocks are fixed to the steel support to decrease the crush affect of the falling material by effectively supporting the belt. Also the damage of the belt is decreased to extend its life.



ADVANCEMENTS

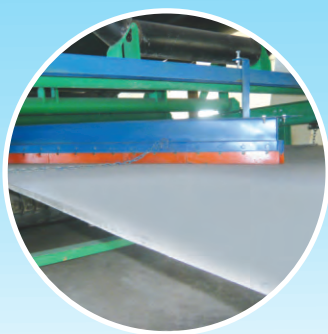
- 1、 Low friction coefficient UHMWPE engineered plastic impact block;
- 2、 Avoid belt damage by supporting it effectively;
- 3、 Avoid splash back of the material;
- 4、 Only need to change the impact block reducing maintenance costs;
- 5、 Designed as a whole mould which is more convenient to assemble and maintain;
- 6、 Easy to transform and make a better work efficiency;
- 7、 We can provide various impact beds according to your requirements.

DEWATERING PLOUGH

刮水器

刮水器主要应用在煤厂等露天带式输送机上，目的是将积存在带式输送机上的雨水在运行时及时刮掉，避免将积存的雨水带进转运站。

The dewatering plough is mainly used for conveyors exposed to the environment. Its purpose is to remove any precipitation from the belt prior to product loading.





HEAD STRETCH DEVICE 头部伸缩装置

主要用于带式输送机之间的交叉转运，该机构可配套于各种带式输送机上，且有如下优点：

- 1、使转运站的空间大大减少，节省建筑费用。
- 2、降低带式输送机提升高度，同时也降低带式输送机的驱动功率，减少机械投资成本。
- 3、降低了物料落差，有利于环保且延长设备寿命。

The Head Stretch Device is mainly used in cross transportation between conveyors. This device can be mated with a variety of belt conveyors and has the following advantages:

- 1、It decrease the space required for transition between conveyors and as such decreases construction costs;
- 2、Reduced costs due to lower lift and decreased drive-power requirements ;
- 3、Extended equipment life due to lower fall height for product onto belt.

UNLOADERS / DISCHARGE PLOUGHS

卸料器、卸料车



卸料器、卸料车是带式输送机非头尾卸料的必要装置。

Unloaders and discharge ploughs are essential devices for unloading material at discharge points other than the head of the conveyor.

我公司可生产

- 1、电动（气动）单（双）侧犁式卸料器
- 2、手动单（双）侧犁式卸料器
- 3、轻型卸料车
- 4、重型卸料车
- 5、定点卸料装置
- 6、重型转载卸料车

We can provide

- 1、Motor-driven (pneumatic) single (double) side plough discharge
- 2、Manually-operated single(double) side plough discharge
- 3、Light-duty unloader
- 4、Heavy-duty unloader
- 5、Fixed discharge device
- 6、Heavy-duty transshipment discharge

JIAOZUO **YUXIN**
MACHINERY CO.,LTD



ACHIEVEMENTS

工程实例



化工建材

大化集团大连化工股份有限公司
呼伦贝尔东能化工有限公司
北川中联水泥股份有限公司
东方重庆希望水泥有限公司
广西贵港水泥厂
华润富川水泥长距离皮带机
华润水泥（田阳）有限公司
四川峨嵋山水泥有限公司
上海高桥石化石油焦输送系统
中海油惠州炼油项目
中石化巴陵分公司
安阳中盈化肥有限公司
河南晋开化工投资控股集团有限责任公司
龙蟒佰利联集团股份有限公司
焦作千业新材料有限公司
安徽成泰医药科技有限公司
山西梗阳新能源有限公司
山西美锦华盛化工新材料有限公司
河北华丰煤化电力有限公司
中国石油化工股份有限公司齐鲁分公司

其他行业

中铁工程装备集团盾构制造有限公司
中国铁路广州局集团有限公司长沙工程建设指挥部
广西鑫祥进出口贸易有限公司
河南卫华重型机械股份有限公司
北京金轮坤天特种机械有限公司

电力行业

广西来宾电厂
大唐环境产业集团股份有限公司
鹤壁丰鹤发电有限公司
包头铝业有限公司自备电厂
广州粤新电厂
贵州大龙发电有限公司
福州发电有限公司江阴电厂
河北建投沙河电厂
新乡宝山电厂
江苏华润（常熟）电力
辽宁铁岭电厂
内蒙古大唐国际托克托发电有限责任公司
内蒙古白音华煤电有限公司
蒲城电厂三期工程
山西太原古交电厂
上海望亭电厂
石横发电有限公司
四川岷江发电厂
伊敏煤电有限责任公司
印尼TJB燃煤电厂输煤系统
华能井冈山电厂二期工程燃煤机组
平顶山姚孟发电有限责任公司
郑州泰祥热电股份有限公司



砂石骨料

南方路面机械有限公司
 洛阳大华重工科技股份有限公司
 美卓矿机（天津）国际贸易有限公司
 河南黎明重工科技股份有限公司
 世邦工业科技集团有限公司

港口码头

滕州港新奥能源物流港有限公司
 武汉电力宿迁港项目
 山东奥达矿产有限公司董家口港
 山东峰州港务有限公司新乡市红球丹东港项目
 秦皇岛煤五期
 ASHAPURA HOLDINGS(UAE)FZE（阿夏普拉）
 山东省嘉祥县恒生贸易有限公司（嘉祥港）

矿山冶金

贵州锦丰矿业有限公司
 鞍钢集团鞍钢矿业
 内蒙古扎哈淖尔储煤储运系统
 泰特输送机有限公司
 威利朗沃国际输送设备有限公司
 威利朗沃矿业设备有限公司
 扎赉诺尔煤业有限责任公司
 山西鲁能晋北铝业输煤系统
 洛南县华安矿业有限公司
 皮特托普运输设备有限公司
 新疆金川矿业有限公司
 达涅利冶金设备（中国）有限公司
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