



SINCE 1980

**物料搬运解决方案**

**MATERIAL HANDLING SOLUTIONS**

# 企业简介

## Company Introduction

河北鑫山输送机械有限公司成立于1980年，是一家专业从事散装物料输送设备的生产、设计、销售和安装的创新型制造企业。

公司主要提供带式输送机、圆管带式输送机、移动式皮带机、螺旋输送机、斗式提升机、链式输送机、刮板输送机等物料搬运输送设备以及托辊、滚筒、输送带、清扫器、缓冲床、拉紧装置等输送机备件。

鑫山拥有多年服务煤炭、水泥、钢铁、化工、农业、电力、采矿、港口、采石、机械和土木工程、废物管理和回收等行业的经验。

我们拥有雄厚的技术力量，拥有多项技术专利，可以生产 CEMA、JIS、ISO、AS、GB 等不同标准的产品，并已通过 ISO9001、CE、SGS、BV 等认证。另外鑫山与北京起重运输机械设计研究院（BMHRI）、国家煤炭科学研究院（CCRI）、太原科技大学（TYUST）等单位建立了友好合作关系，使公司在散料输送领域的研发水平一直处于革新的前沿。经过四十年的努力，鑫山已成为中国著名品牌，在散料输送领域享有盛誉。

为了开拓国际市场，我们在2017年组建了出口型工厂——河北骏通机械制造有限公司，目前我们的产品已出口到40多个国家和地区。

Founded in 1980, Hebei Xinshan Conveyor Machinery Co., Ltd. is an innovative manufacturing enterprise specializing in the production, design, sales and installation of bulk material conveying equipment.

The company mainly provides belt conveyor, tubular belt conveyor, mobile belt conveyor, screw conveyor, Bucket Elevator, chain conveyor, scraper conveyor and other material handling conveying equipment. It also provides conveyor idlers rollers, conveyor drum pulleys, conveyor belts, belt cleaners, impact beds, take-up frame and other components.

XINSHAN Conveyor has many years of experience in supplying to a diverse range of industries which includes coal, cement, steel iron, chemical, agricultural, power, mining, port, quarrying, mechanical & civil engineering, waste management & recycling.

We have a professional R&D team with plenty technical patents, and we can produce conveyor products in different standards such as CEMA, JIS, ISO, AS, GB and so on. Also, our products have already qualified ISO9001, CE, SGS, BV certifications. In addition, Xinshan has established friendly and cooperative relationships with Beijing Material Handling Research Institute Co., Ltd (BMHRI), China Coal Research Institute (CCRI), Taiyuan University of Science and Technology (TYUST), etc., so that the company's research and development level has always been at the forefront of innovation in the field of bulk material transportation. XINSHAN Conveyor has become a well-known brand with great reputation for providing total conveyor confidence.

In order to expand the international market, we set up an export-oriented factory in 2017 - Hebei Juntong Machinery Manufacturing Co., Ltd., our products have been exported to more than 40 countries and regions.



# 资质证书 QUALIFICATION CERTIFICATE

**BIHRI** 北京起重运输机械设计研究院  
BEIJING MATERIALS HANDLING RESEARCH INSTITUTE

散料装卸运输设备制造基地

**CMHE** 中起物料搬运工程有限公司  
China-lift Materials Handling Engineering Co., Ltd

散料装卸运输设备制造基地



## 通用带式输送机 Overland Belt Conveyor



带式输送机是以输送带作牵引和承载构件，通过承载物料的输送带的运动进行物料输送的连续输送设备。

Overland belt conveyor is a continuous conveying equipment which uses conveyor belt as traction and load-bearing component and carries material through the movement of conveyor belt.

## 管状带式输送机 Tubular Belt Conveyor



管状带式机是由呈六边形布置的托辊把胶带裹成边缘互相搭接成圆管状来输送物料的一种新型带式输送机。

Tubular belt conveyor is made up of section six-sided layout edge roller tape, which wrapped into overlapping each other into a circular tubular conveying material to a new type of belt conveyor.

## 波状挡边带式输送机 Corrugated Ribbed Belt Conveyor



大倾角带式输送机主要用于散装物料的大倾角连续输送，采用具有波状挡边和横隔板的输送带，输送倾角为0~90度。

Corrugated ribbed belt conveyor is mainly used for continuous conveying of large angles of bulk materials, adopts a conveyor belt with corrugated ribs and transverse partitions, and the conveying inclination angle is 0 to 90 degrees.

## 移动带式输送机 Mobile Belt Conveyor



移动带式输送机底部安装有万向轮，可以根据物料的堆放位置随意移动，其高度可在规定的范围内调节。

The bottom of the mobile belt conveyor is equipped with a universal wheel, which can be moved freely according to the stacking position of materials, and its height can be adjusted within the prescribed range.

## 斗式提升机 Bucket Elevator



斗式提升机是一种固定装置的机械输送设备，主要适用于粉状、颗粒状及小块物料的连续垂直提升。

Bucket elevator is a kind of mechanical conveying equipment for fixed device, which is mainly suitable for continuous vertical lifting of powder, granular and small block materials.

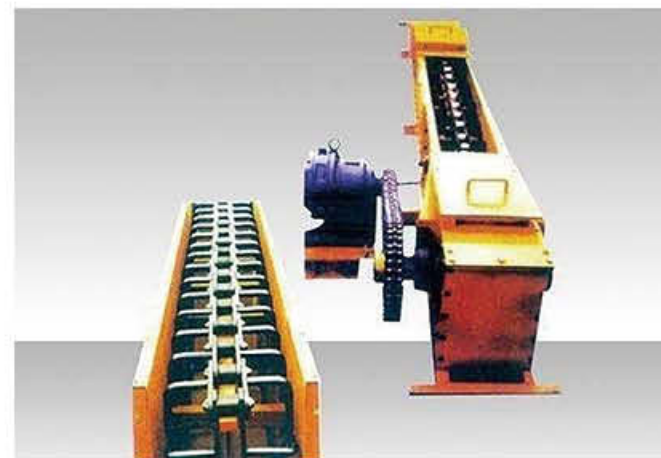
## 螺旋输送机 Screw Conveyor



螺旋输送机可水平或倾斜布置，是一种利用电机带动螺旋回转，推移物料以实现输送目的的设备。

Screw conveyor can be arranged horizontally or obliquely. It is a kind of equipment that uses the motor to drive the screw to rotate and push the material for the purpose of conveying.

## 链式输送机 Chain Conveyor



链式输送机是利用链条牵引、承载物料的设备。可分为链条式、链板式、链网式和板条式等。

Chain conveyor is a kind of equipment which uses chains to pull and carry materials, It can be divided into chain type, chain plate type, chain mesh type and slat type.

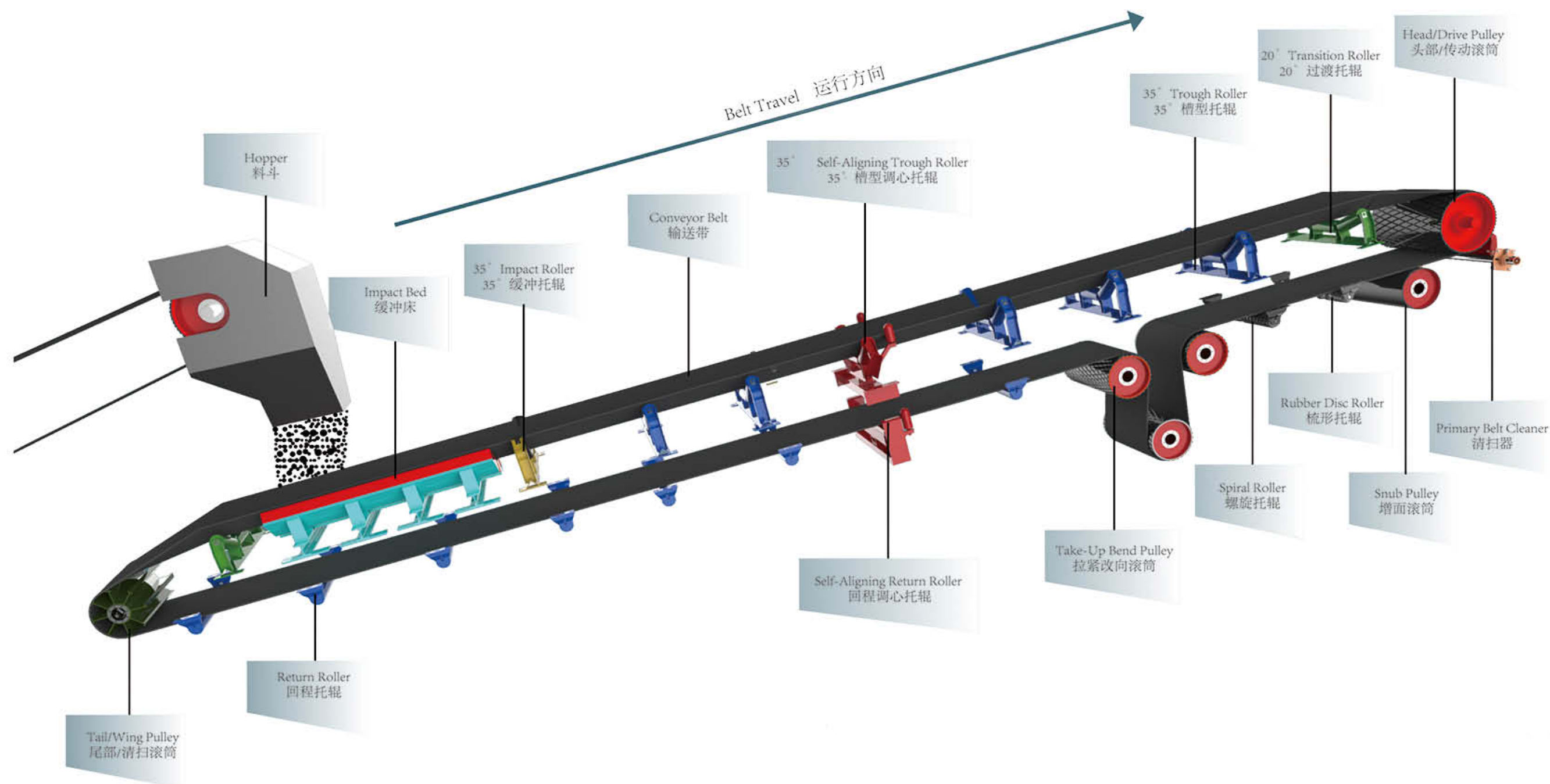
## 刮板输送机 Scraper Conveyor



刮板输送机是借助于在封闭的壳体内运动着的刮板链条而使散体物料按预定目标输送的运输设备。

Scraper conveyor is a conveying equipment that transports the bulk material to a predetermined target by means of a scraper chain that moves within the closed shell.

## Belt Conveyor Structure Diagram 输送机结构示意图

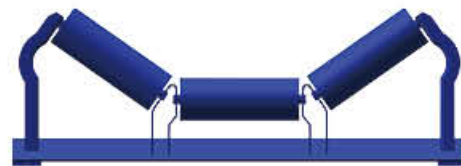


## 输送机托辊 Conveyor Roller

### ◆ 槽型托辊组 Trough roller

槽型托辊组是用来支撑输送带及输送带上承载物料的部件，标准槽角一般分为 10°、20°、30°、35°、45°。

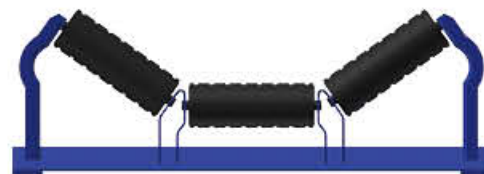
Trough roller is the component used to support belt and material loaded on the belt conveyor. The standard trough angles are generally divided into 10°, 20°, 30°, 35° and 45°.



### ◆ 缓冲托辊组 Impact roller

缓冲托辊组安装在输送机受料段的下方，减小落料时物料对输送带的冲击，以延长输送带的使用寿命。

Impact roller is installed below the drop material section of the conveyor to reduce the impact of the falling material on the conveyor belt to prolong the service life of the conveyor belt.



### ◆ 偏置托辊组 Offset roller

偏置托辊组是一种中心辊偏置的设计，这种设计消除了托辊间的缝隙和皮带之间的夹角对皮带造成的损坏。

Offset roller is incorporates an offset center roller design. This design eliminates roller gap and belt pinch and subsequent belt damage.



注：有钢制，尼龙，陶瓷，HDPE，和 UHMWPE 材料可以提供，表面可以喷塑或镀锌处理。  
Note: There are Steel, Nylon, Ceramic, HDPE or UHMWPE materials available. It can be galvanized or powder coated.

## 输送机托辊 Conveyor Roller

### ◆ V 型托辊组 V-type return roller

V 型回程托辊组主要用来支撑回程段输送带并防止输送带跑偏。

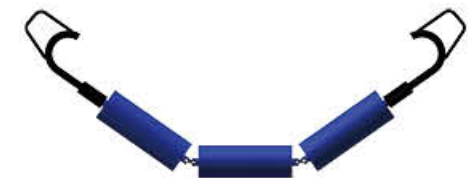
V-type return roller is mainly used to support the return section conveyor belt and prevent the conveyor belt running deviation.



### ◆ 串辊 Garland roller

串辊由三节托辊或五节托辊组成，并通过连接片把各个托辊轴的端部连接在一起，形成一个连续的“链条”。

Garland roller comprises either 3-roller or 5-roller joined together at the ends of their respective shafts by special lugs, to form a continuous 'chain' of roller. On either end of this 'chain', the shafts are connected to an attachment bracket which enables the roller set to be attached to the conveyor stringer structures.



### ◆ 翼型托辊组 Wing roller

翼型托辊是欧洲设计的履带式破碎机和其他小型加工设备通用的替换零件。客户可以更换托辊组的单独部分，包括托辊和中心支架。

Wing rollers are replacement parts common to European-designed track mounted crushers and other small processing equipment. Customers are able to replace separate segments of the roller set including the rollers and center stands.



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## 输送机托辊 Conveyor Roller

### ◆ 梳型托辊组

#### Rubber disc return roller

梳型托辊组安装于输送带的回程侧，有助于去除粘附在输送带表面的细颗粒或粉状物料。

Rubber disc return roller is used on the return side of the conveyor belt. It can assist with the removal of fine grain or powdery materials that adhere to the belts surface.



### ◆ 回程托辊组

#### Return roller

回程托辊组用来支撑回程段的输送带。

Return roller is used to support the conveyor belt of return section.



### ◆ 螺旋托辊组

#### Spiral roller

螺旋托辊组安装在输送带的回程侧，起清扫作用。焊接在辊体上的螺旋钢可以把输送带回程侧上粘附的物料推到输送带边缘，也可以用螺旋橡胶制造。

Spiral roller is used on the return side of the belt as belt cleaner. Spiral steel welded on the spiral roller act as a screw and push the build-up material on the centre to the edge of the belt. It's also can produced in spiral rubber.



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## 输送机托辊 Conveyor Roller

### ◆ 打浆辊

#### Beater roller

打浆辊是另一种可以防止皮带回程侧粘性物质堆积的工具。我们建议将打浆辊安装在从头部滚筒开始第一个回程托辊的位置。

Beater roller is another tool to defeat sticky material buildup on the return side of belt. We suggest installing the Beater roller in the first return roller location from the head pulley.



### ◆ 包胶托辊

#### Rubber coated roller

橡胶直接硫化到托辊上，包胶托辊能抵抗撕裂、冲击和摩擦，从而延长托辊的使用寿命。

Rubber is vulcanized directly to the roller. Rubber coated roller resist tearing, pounding and friction to increase the roller life.



### ◆ 导向辊

#### Vertical guide roller

垂直导向辊实用于输送机两侧，或与槽型托辊配套使用。以促进运输的正常运行，达到更好的自动调心效果。

Vertical guide rollers are practical on both sides of the conveyor, or with the trough roller supporting the use. To promote the normal operation of transport, to achieve better self-aligning effect.



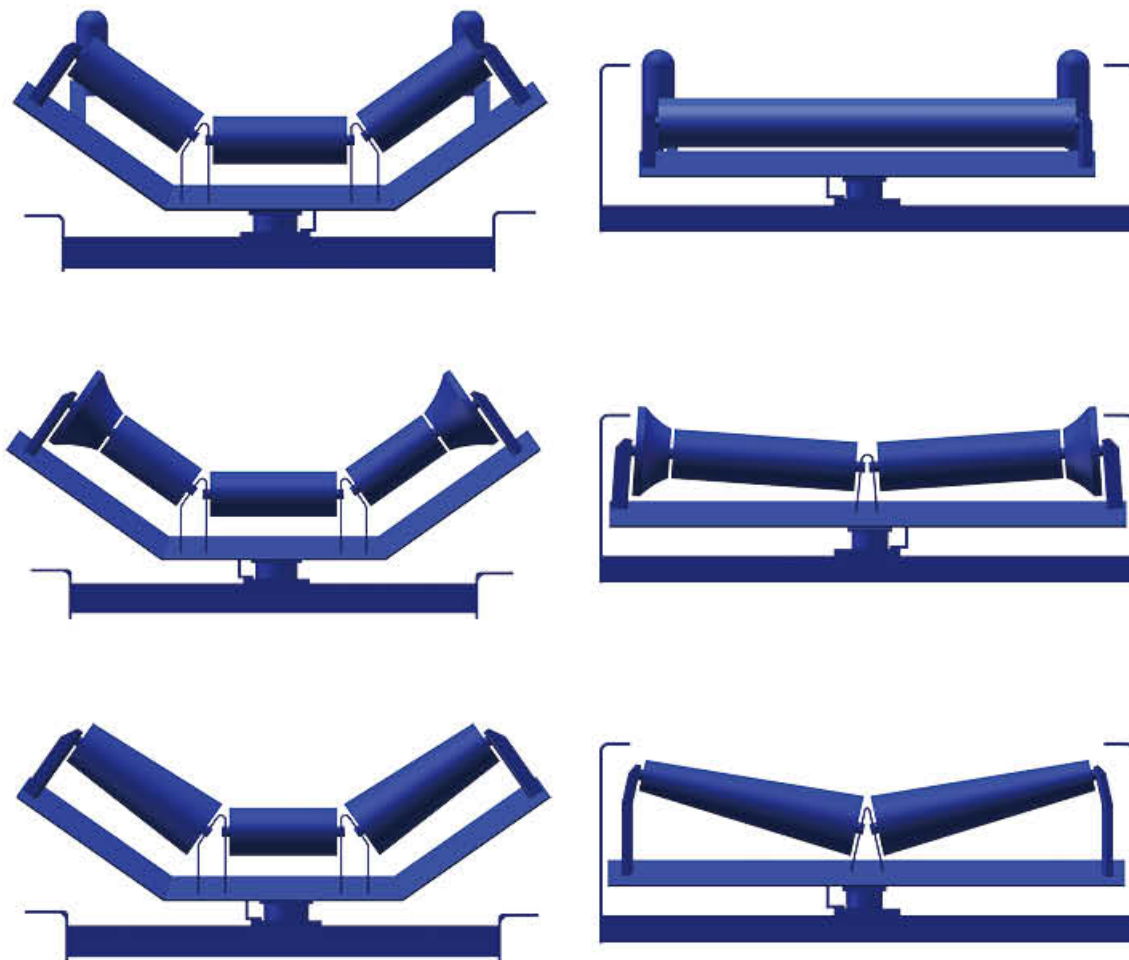
注：有钢制，尼龙，陶瓷，HDPE，和 UHMWPE 材料可以提供，表面可以喷塑或镀锌处理。  
Note: There are Steel, Nylon, Ceramic, HDPE or UHMWPE materials available. It can be galvanized or powder coated.

## 输送机托辊 Conveyor Roller

### ◆ 调心托辊组 Self-aligning roller

调心托辊组用来自动调节输送带跑偏，按工作原理分槽型调心托辊组、摩擦调心托辊组和锥型调心托辊组。按布置形式分为承载调心托辊组和回程调心托辊组。

When the position of belt is changed from its center line on the same plane, the self-aligning roller can correct this condition. There are three types of self-aligning roller: self-aligning trough roller, self-aligning friction roller and self-aligning taper roller. They are used both carrier and return section.



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Note: There are Steel, Nylon, Ceramic, HDPE or UHMWPE materials available. It can be galvanized or powder coated.

## 输送机滚筒 Conveyor Pulley

### ◆ 传动滚筒 Drive pulley

传动滚筒是输送机传递动力的部件。为了增加滚筒的使用寿命和牵引力，它通常比其他滚筒直径大。根据不同的承载能力，传动滚筒可分为三类：轻型，中型和重型。

Drive pulley is the component that transmits power of conveyor. In order to increase pulley life and traction, it often has a larger diameter than other pulleys. As per different carrying capacities, the drive pulley can be divided into three categories: light duty, medium duty and heavy duty.



### ◆ 改向滚筒 Bend pulley

改向滚筒用于改变输送带的运行方向。按其布置位置，可分为尾部滚筒、拉紧滚筒、增面滚筒等。

Bend pulley is used to change the running direction of the conveyor belt. and according to its layout, it can be divided into tail pulley, take up pulley, snub pulley and so on.



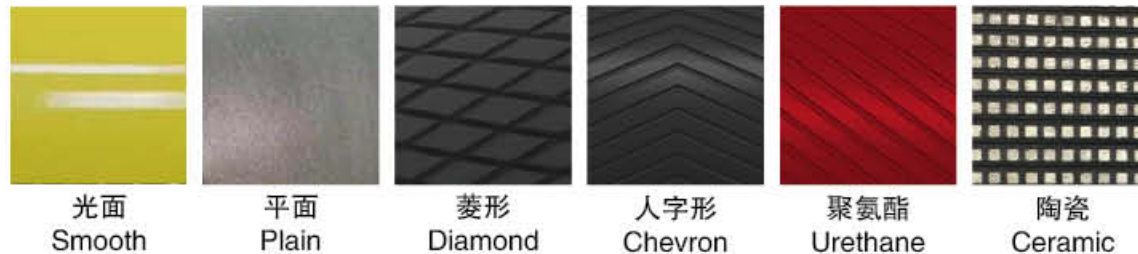
### ◆ 翼型滚筒 Wing pulley

翼型滚筒包含由单个翼片组成的非连续接触面，也称为自清洁滚筒，翼型滚筒主要用于散装处理系统的尾部。这种结构会产生开放空隙，使松散物料从接触表面脱落。

Wing pulley incorporate a non-continuous contact surface comprised of individual wings or fins. Also known as self-cleaning pulley, wing pulley is primarily used on the tail end of bulk handling system. This construction results in the creation of open voids that allow loose material to fall away from the contact surface.



## 滚筒表面处理 Pulley Surface Treatment



## 输送机清扫器 Conveyor Belt Cleaner

### ◆ 一级清扫器 Primary belt cleaner

一级清扫器安装在头部滚筒输送带表面，在物料下落轨迹的下方，使物料顺利与皮带脱离。

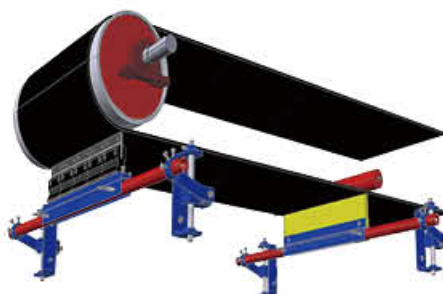
Primary belt cleaner is installed on the surface of the head pulley belt, below the material drop track, to allow the material to detach smoothly from the belt.



### ◆ 二级清扫器 Secondary belt cleaner

二级清扫器安装于头部滚筒附近平稳工作面处。用于清除头部滚筒下方附近的粘附物料，有聚氨酯和合金刀头可供选择。

Secondary belt cleaner is installed at a smooth working face near the head pulley. It is used to remove adhering material near the underside of the head pulley. There are tungsten carbide blade and polyurethane blade available.



### ◆ 空段清扫器 V-Plow belt cleaner

V 型空段清扫器用于清除落到输送带下分支非工作面上的杂物以保护改向滚筒和输送带。

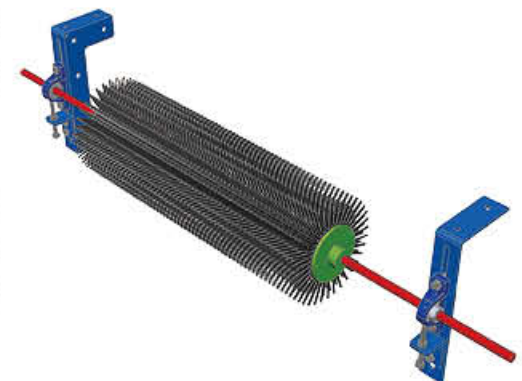
V-Plow belt cleaner is used to remove debris falling on the non-working surface of the branch under the conveyor belt to protect the bend pulley and the conveyor belt.



### ◆ 滚刷清扫器 Brush belt cleaner

滚刷清扫器用于回程皮带或卸载滚筒下部皮带的物料清扫。对表面凹凸不平输送带的清扫效果更佳。

Brush belt cleaner is used for material cleaning of the return belt or the lower belt of the unloading pulley. For the cleaning effect of the conveyor belt with uneven surface is better.



## 缓冲床 Impact Bed

缓冲床主要用于替代缓冲托辊，缓冲床由缓冲条组成，而缓冲条主要应用优良的高弹性特种橡胶层充分有效吸收了物料下落时的冲击力，大大降低了物料下落时对输送带的冲击，真正的改善了落料点的受力状况。

Impact bed is installed in the loading area of the conveyor belt to replace the traditional impact roller. Conveyor impact bed is designed to reduce shock and stress to conveyor belt caused by the falling materials, avoid abrasion and tear by sharp materials and prevent materials from falling and scattering.



## 输送带 Conveyor Belt

输送带是带式输送机中的牵引和承载构件，是带式输送机主要的部件。其抗拉体有棉织物芯（CC）、尼龙织物芯（NN）、聚酯织物芯（EP）、和钢丝绳芯（St）等品种。

Conveyor belt is the traction and load-bearing component of belt conveyor, and it is the main component of belt conveyor. Its tensile body includes cotton fabric core (CC), nylon fabric core (NN), polyester fabric core (EP), and steel wire rope core (St) and other varieties.



## 防护罩 Belt Cover

输送机防护罩具有防雨、防尘、防风的功能。可以保护输送物料免受损坏、保证输送带安全可靠的运行和保护现场环境。输送机防护罩一般由镀锌钢板或彩钢板制成。

The belt cover has the function of rain-proof, dust-proof and wind-proof. It can protect the conveyed material from damaged and keep the belt running safe and reliable, thus protecting the environment on site. The belt cover are fabricated from galvanized steel or color plate with different profiles available.



## 提升机料斗 Elevator Buckets

提升机料斗是一个接一个布置在牵引构件上，完成装料、提升、卸料的过程，其一般采用钢板冲压后在胎具上拼状焊接而成，也有其他材料可供选择。

Elevator buckets are arranged one by one on the traction components to complete the process of loading, lifting and unloading. It is usually made of steel plate stamped and then on the mould to connected and welded. There are other materials available.



## 螺旋叶片 Screw Flights

螺旋叶片应用于螺旋输送机上，在输送作业过程中同时完成对物料的搅拌、混合。

Screw flights are used in the screw conveyor, and the agitation and mixing of materials are completed during the conveying operation.



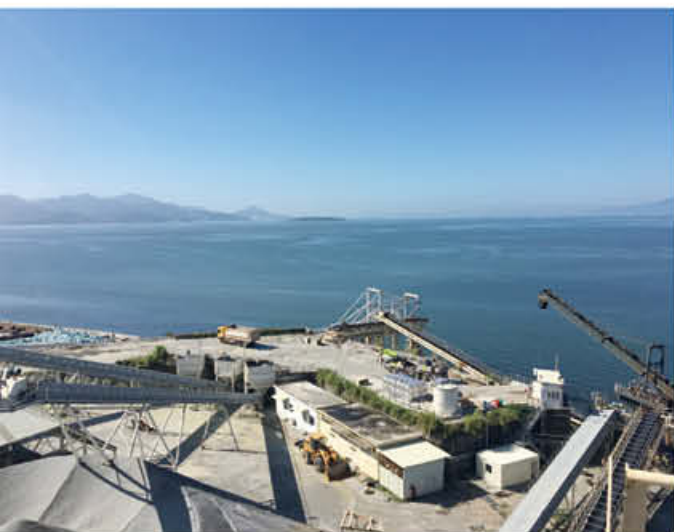
## XT 系列轮毂和衬套 XT hubs and bushings

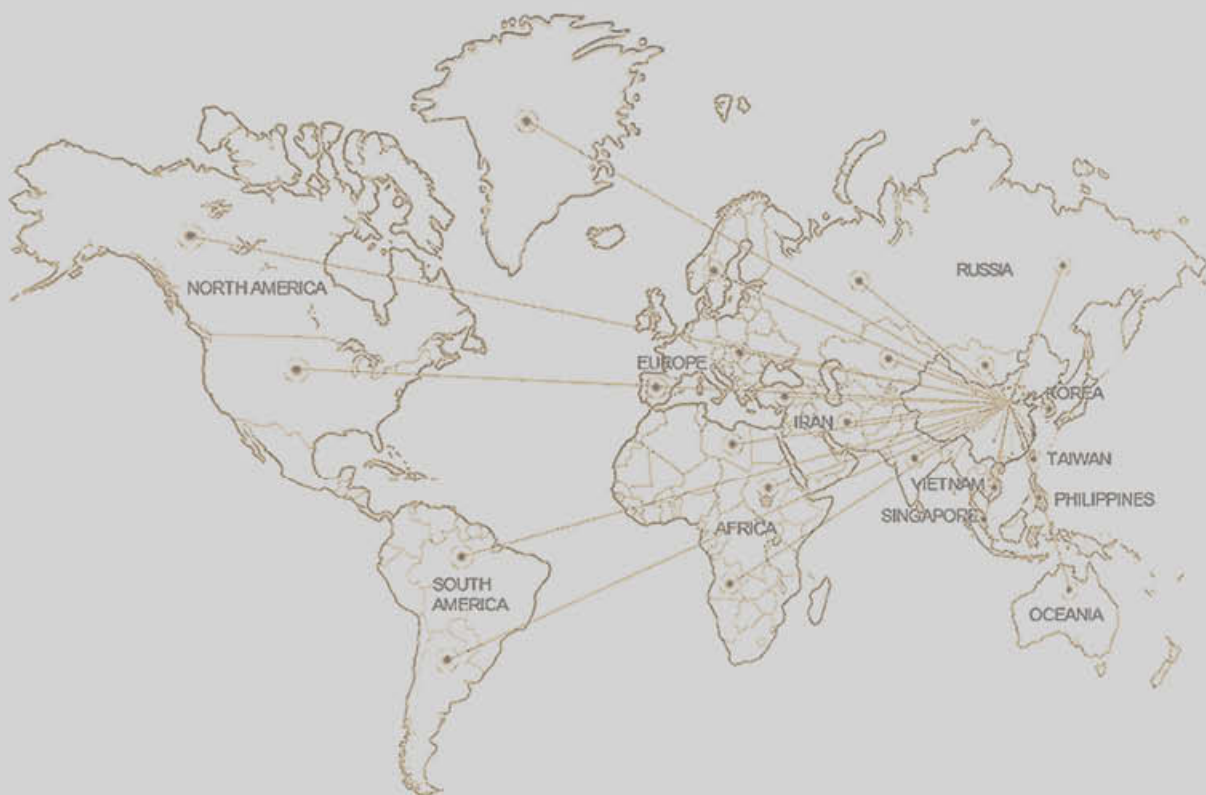
XT 系列轮毂和涨套专为输送机滚筒设计。这种设计采用锥形涨套，提供滚筒所需的涨紧力，同时比其他涨套类型更容易安装和拆卸。

The XT hubs and bushings are uniquely designed specifically for conveyor pulley. This design utilizes a tapered bore bushing, providing all the holding power for conveyor pulleys, while providing easier installation and removal than other bushing types.



工程项目 Engineering Projects





### 河北骏通机械制造有限公司

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