

Provide First-Class Service
Globe Bulk Handling System Supplier



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DETAIL DETERMINES SUCCESS ATTITUDE DECIDES FUTURE

Jiaozuo Creation, a global special contractor for bulk handling system and services, it's a leader in bulk handling industry after decades development. Jiaozuo Creation has idler and pulley auto manufacturing line, advanced manufacturing technology, updated fabrication equipment and precision testing instrument which ensure high-quality product, Stable quality, continuous high effect and quality manufacturing; Jiaozuo Creation had got certificates including ISO9000-2000, ISO14001,OHSAS 18001,CE, EN 1090 and etc. Our bulk handling system is used widely in ore, port, power plant, metallurgy, mine, water conservancy, Building and other fields in domestic and abroad.



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Samalaju Port , Malaysia



Yantai Port , China

EPC Project



Kaifeng Power Plant , China



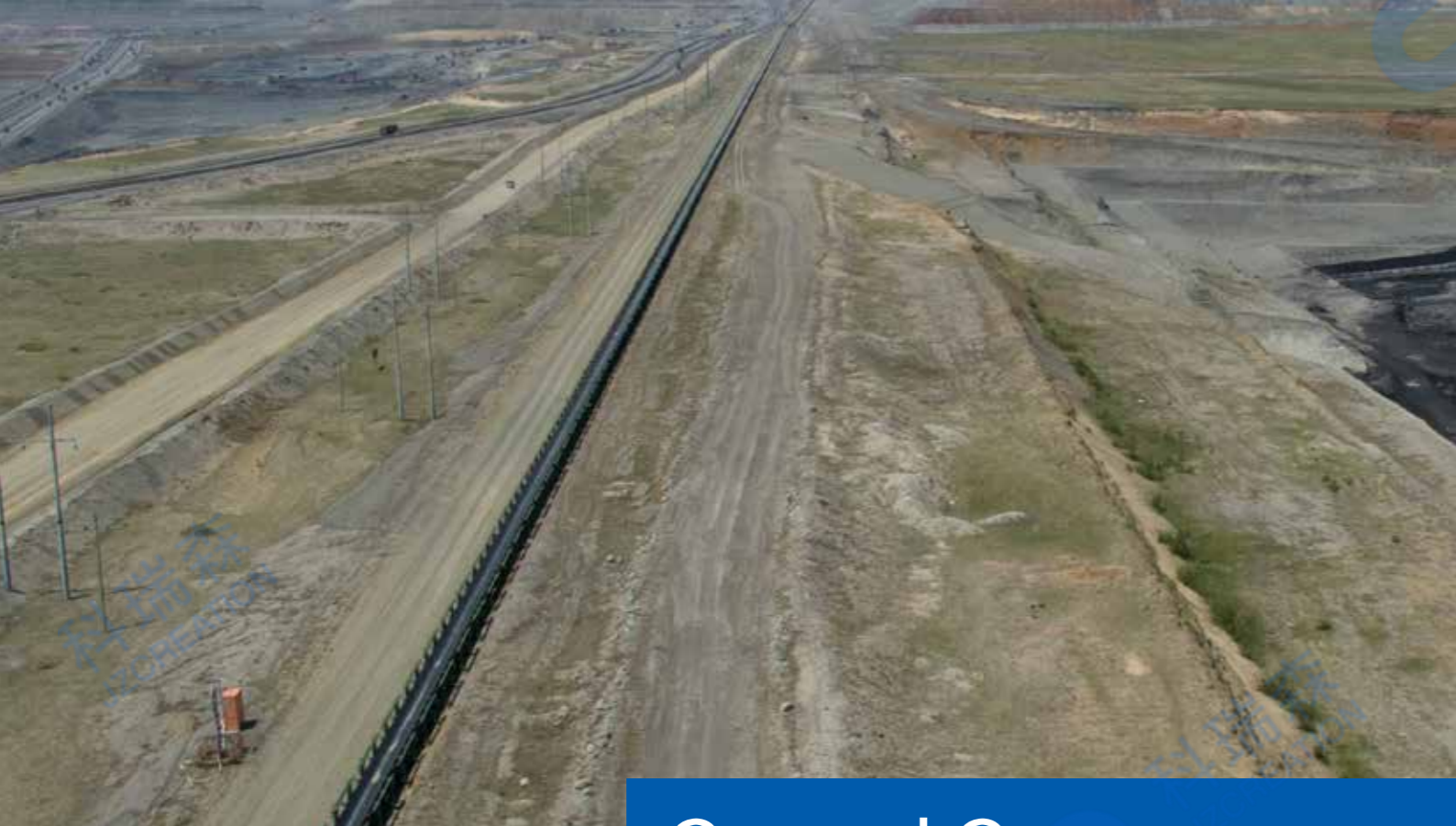
Anwen Power Plant , China



S&K Copper Mine , Myanmar



Oyu Togo Mine , Mongolia



Curved Conveyor

Long-Distance Conveyor

Our large capacity, long distance belt conveyor is widely used in ports, terminals, power plants, steel mills, cement factories and other industries, the whole one belt conveyor conveying length up to several kilometers or even more than tens of kilometers. Belt width from 500 mm to 2600 mm in accordance with the requirements, and we also provide the overall system design, manufacture and installation. The belt conveyor work environment noise is small, simple structure, low transport costs, it is the ideal equipment of conveying material over long distances.

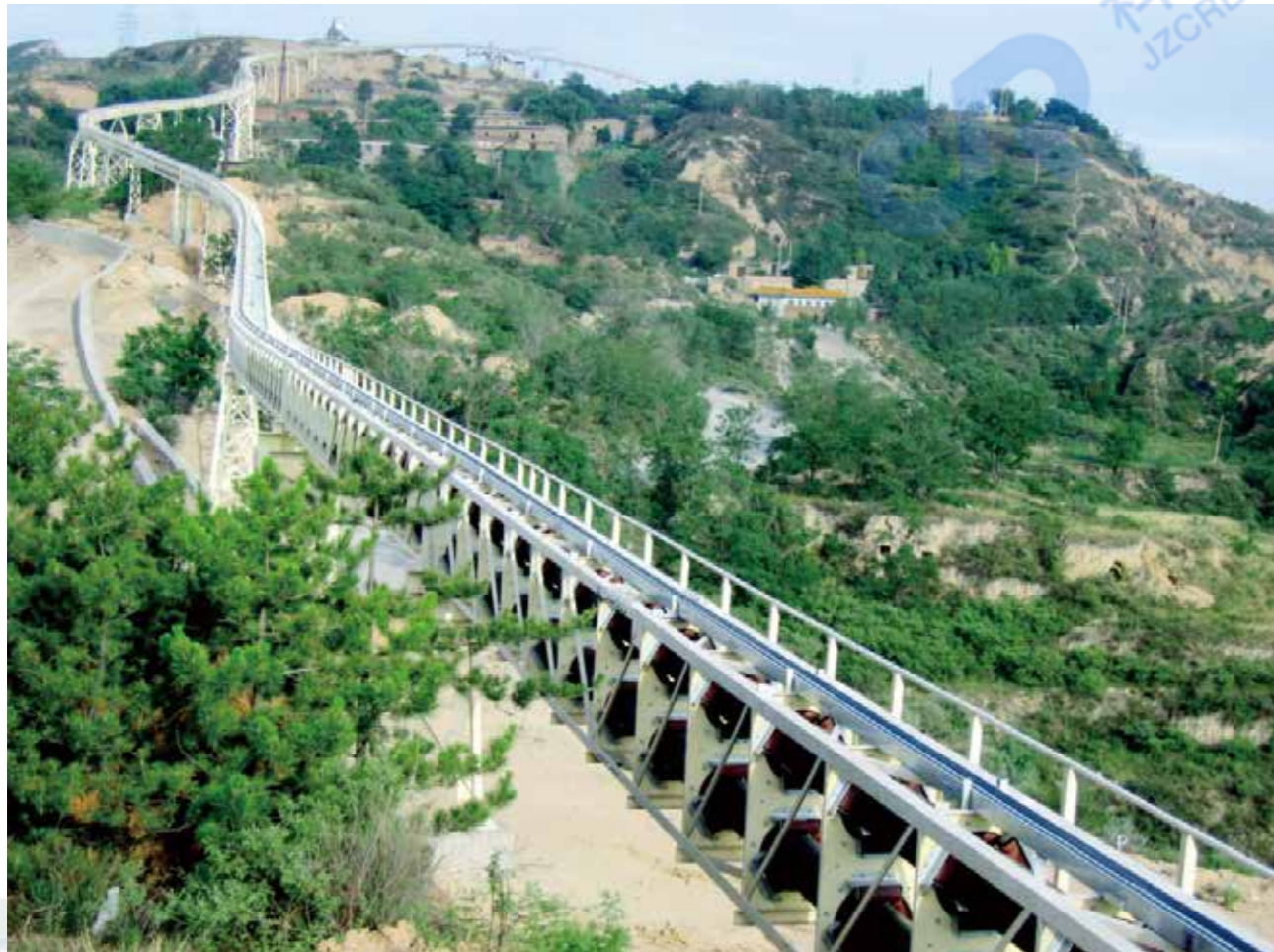


The values for the tension occurring on the various segments of the belt are exactly determined by means of the conveyor belt calculation program. On the basis of these values, it is possible to figure out in advance the appropriate angle of inclination for the idler brackets and the tilt of the idlers in all the various curves. This ensures reliable guidance in the curves.



Pipe Conveyor

As a completely closed conveying system, the pipe conveyor provides for dust free transport of material with no contamination of the surrounding environment. Pipe conveyors are also the ideal solution to meet the unique requirements of site geometry.



Downward Conveyor

Downward conveyor is designed under consideration of level difference, safety and potential energy during the transportation. The system is more complicated than other conventional conveyor. According to our years experiences and innovation, JZCREATION has guaranteed the stability of the system by using latest analysis software. Our downward conveyor runs smoothly and has a great breakthrough on renewable energy.



Shiftable Conveyor



Shiftable conveyor is the perfect system for open pit mining. Whole system is sitting on the track with head and tail fixed by anchor which allows the conveyor system to shift to another place once it finish the local job and continue the stable fast material handling. The shiftable conveyor can be towed by various vehicle to the necessary place and start to work.

High-Angle Conveyor

The deep trough belt conveyor has some advantage including large capacity, long distance, less maintain and running cost, it's suitable for high-angle (Max. incline 35°) bulk continuous conveying with special profile idlers, the idler angle is about 60° which can avoid conveying material flow backwards, ensuring belt conveyor meets the requirement.

The sidewall belt conveyor is suitable for big angle (Max. incline is 90°) and less capacity conveying condition.





Tire Conveyor

The tire conveyor is a highly versatile, mobile conveyor that places concrete through a wide range of conditions. Its pinpoint accuracy and high volume capabilities offer multi-faceted opportunities to the contractor. We have designed the tire conveyor as a quick and easy remedy to many on-site obstacles. With 360 degrees of swing and a telescopic conveyor, the conveyor can rotate to pour in any direction and depending on the model, reach up to 60 m.

The basic model includes the following: a three-section lattice boom conveyor with a 60 m reach (complete with a transfer swivel), a discharge tremie with an automatic safety mechanism, an elephant trunk, a 20m feeder conveyor with hopper and a grove chassis.



Enclosed Roller-Belt Conveyor

JZCREATION developed enclosed roller belt conveyor to replace the traditional belt conveyor conveying material. In order to avoid material overflow occurs in the feeding and discharging area material, and it greatly reduces the cost of maintenance and cleaning due to the material

overflow, and avoid the mutual interference and pollution of the material itself and the surrounding environment, ensure the purity of the material handling.

It's with multipoint drive, less belt tension, lighter and less structure, the overall belt conveyor is easy to install, even at the top of a wall or a ceiling can be installed in indoor, reduce cover area.



Mine Conveyor

The mine belt conveyor is mainly used in coal mine underground roadway drivage conveying system, the mine conveyor is large capacity, long distance, less equipment failure and the advantage of low cost of conveying, and indispensable to mechanized mining and general machine of the main equipment of mine.



Air Cushion Conveyor

In the air-cushion conveyor that belt is carried on a film of air, which is blown into the air box or plenum under the conveyor belt by a fan. The number of air-holes in the trough, the air pressure and the volume depend on the material being transported. Advantages of air-cushion conveyors: High effective Lower equipment invest, Less maintenance cost, Lower power consumption.



Ship Loader

The ship loader is used for loading bulk material on port. It's consist of cantilever conveyor, telescope conveyor, traction device, gantry, luffer and swing devices, it can continuous load material to ship, and used in energy, power plant, metallurgy and port, high effective, reliable and high speed in comprehensive bulk entrepot.

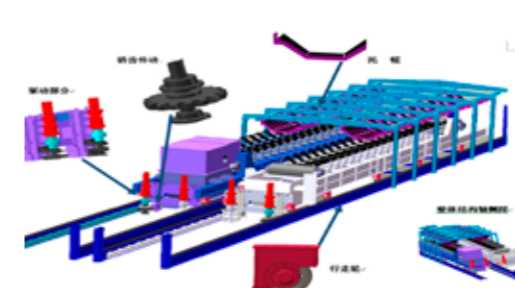


Stacker

Stacker is one of main product of Jiaozuo Creation. As a continuous and efficient bulk material handling equipment, Stacker is widely used in power plants, ports, steel mills, chemical plants, cement plants and other stock yards of basic industrial, it is applicable to rectangle or circle storage yards, and can realize the continuous stacking & reclaiming coal, iron ore, limestone and other bulk raw materials.



Telescope Belt Feeder



Dry Fog Dust Suppression System

Dry fog dust suppression system is a successful solution innovated by JZCREATION based on European and American scientist's recent research specially for local complicated application environment. It will generate fog particles under 10 micron which will adsorb, filtrate and condense the

small dust particles specially under 10 micron. Along with the particle group size increasing, the particle group will subside. Therefore the dry fog dust suppression system is perfect used for dust control at the beginning of the pollution. The whole system is perfect effective with easy installation, low cost

and economic operation. The system is fully automatic and will not increase the humidity of the material. It also can be used in the critical environment in winter.

Our dry fog dust suppression system is now widely used in mining, harbour, stockpile, etc and worldwide.



Rapid Quantitative Weighting System

Rapid quantitative Weighting system perfect solved the low loading speed, inaccurate amount, high cost problem during the bulk material handling. The system is highly accurate, fast loading, high safety and eco-friendly.

Rapid quantitative Weighting system is suitable for wagon and truck fast loading demands. The maximum capacity is over 10000 TPH.





Pulley



Our pulley manufacturing process provides the customer with significant advantages:

True concentric provides: maximum contact with the belt, consistent belt content discharge, less deflection of shaft and less stress on the bearings. Thick pulley shell absorbs more stress. Large crown angle provides superior belt tracking capabilities.

Pulley is divided into plain, lagging and cast lagging.

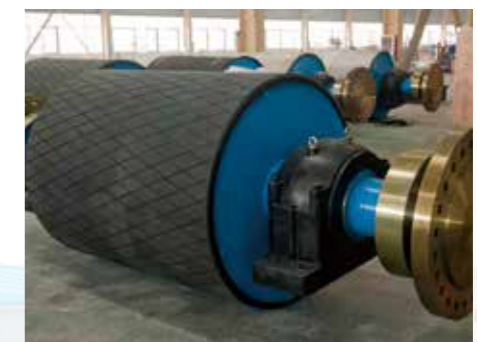
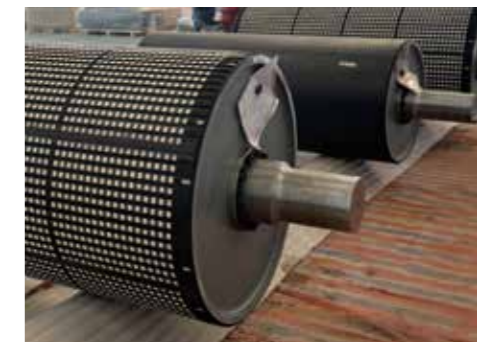
The auto-clean pulley is high effective to clean miscellany between the belt and pulley surface.



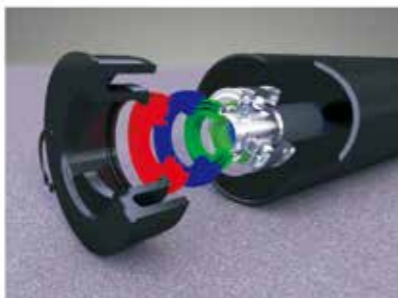
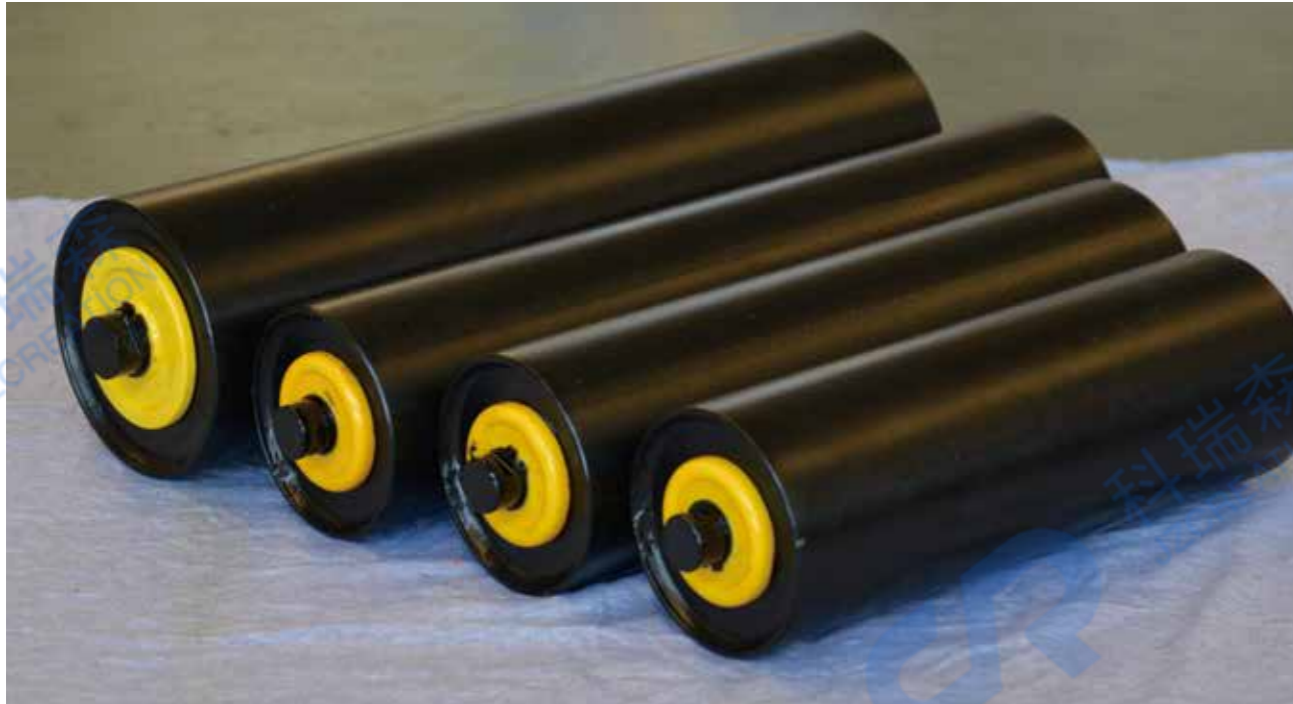
Cold Bonding Technology

Our pulley bond lagging rubber is imported from Germany, the rubber with CN bonding layer and SC2000 bonding which be easily and permanently applied to the steel-surface of pulley. Ceramic material is suitable for pulley lagging, thanks chiefly to its specific properties of extremely high resistance provided aluminum oxide(Al₂O₃). It replaces traditional materials, because it provides higher profitability by considerably increasing the service life and the efficiency of pulley lagging. Excellent lagging material which is best choice in extremely conditions.

Advantage: High reliability even in wet, clayey and muddy operating conditions; High resistance to wear; High self-cleaning effect; More flexible than traditional rubber; Protection of the belt through elastic rubber base.



Idler



Our idler is produced using proprietary manufacturing techniques, state-of-the-art assembly methods allow idler to adjust the bearing and play setting to precise engineered specification. The advanced seal design ensures long-life operation without re-lubrication.

Heavy Duty Roller

For wider conveyor, large conveying capacity, high speed and worse working condition, Jiaozuo Creation has a special heavy duty roller with following advantage:



1)Special combined seals includes contact seal, umbrella waterproof and labyrinth, which improve whole seal effect; one side inner seal of bearing avoid dust from shell to bearing;

2)Cast steel bearing housing: bearing can bear more force during large loading and no deflection, improve the bearing stress state, longer working life, running stable and less noise;

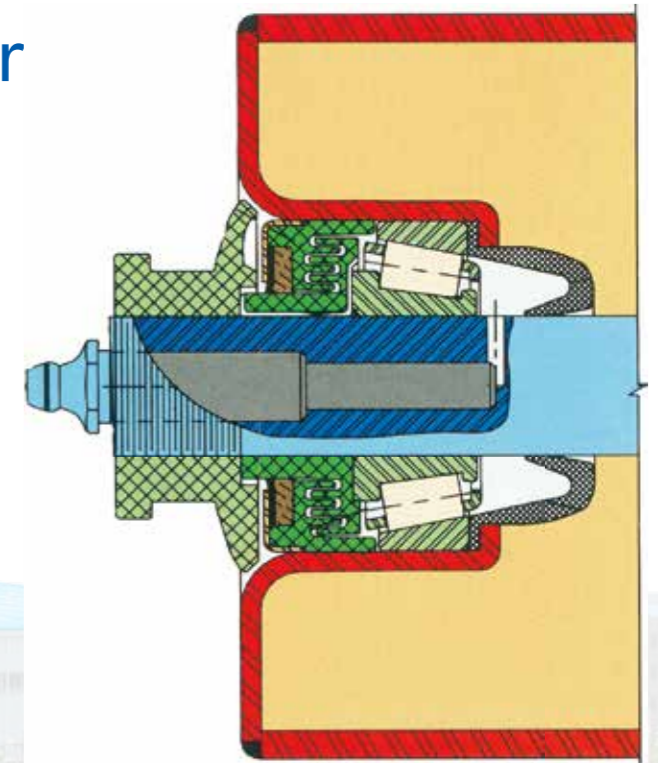
3)The open bearing perfect heat dispersion, bearing lubrication and roller speed;

4)Special circlip and end ring which improve accuracy positioning and axial loading, at the same time avoid manual dismantle.

Regreaseable-Idler

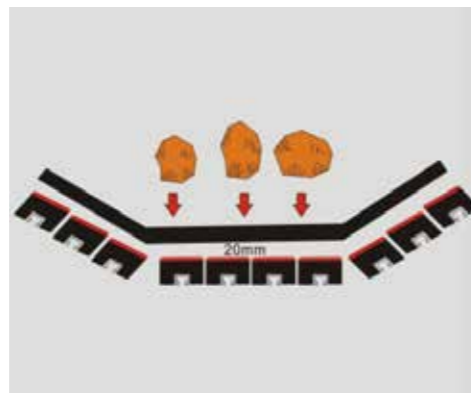
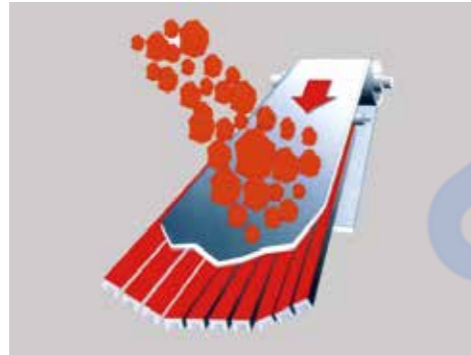
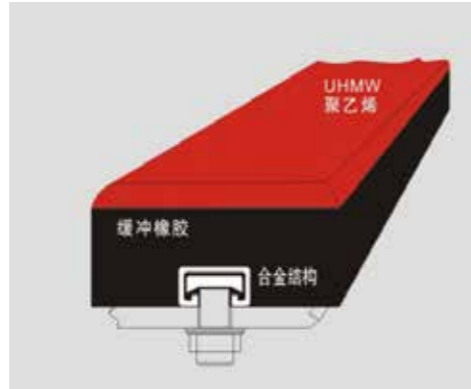
Advanced technology, unique seal molds and five seals sufficient to dirt and debris out, the adjustment of the adjustable screw also promised to the dust out. Roller fine processing, excellence processing on bearing and shaft contact surface, shorten the distance of between support and bearing, reduce the axial deformation of the deviation and bearing of wandering; Adopting automatic linear contact conical bearing contact area larger than ball bearings, the bearing capacity can be scattered surface. So, the roller can corresponding to reduce the stress of the roller when overloading and buffer stage, and prolong the service life of roller.

Every parts of roller adopts advanced technology, fine processing, and guarantee the quality of roller; The automatic welding and ensure the concentricity of roller.



Impact Cradle

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



Belt Cleaner

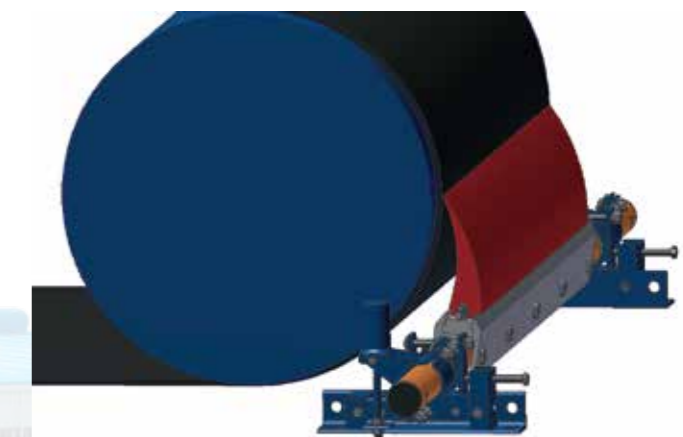
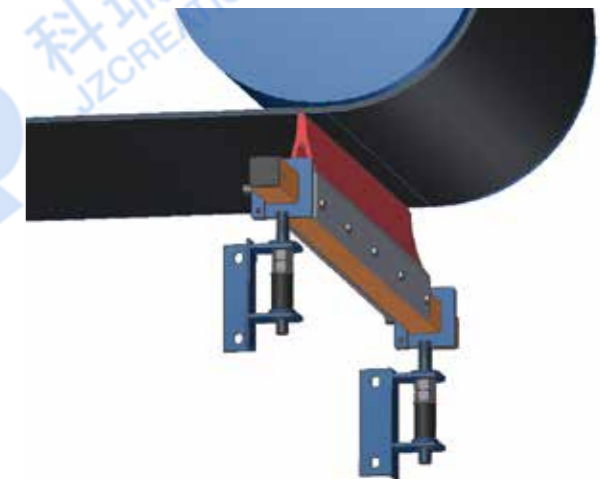
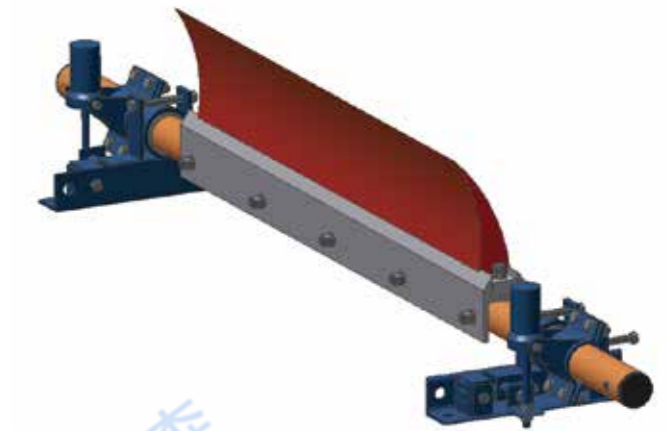
The scraper is more flexible when the belt is worn out by the material thus showing uneven form, and the scraper still can be tightly fit the belt on the head pulley through irregular rotation to generate the complete effect of scraping.

The modular design ensures the blades to be assembled and fixed without use any screws, maintenance and replacement easily and quickly, especially maintaining the flatness and straightness of the blade tips. Multi-block type blades, buffer hole in the blade, suitable various belt conditions.

Slot design for the blade with socket, keep bladed straight but not jump.

Polyurethane blades, self-lubricating, low-friction, high wear-resistant, high-intensity, stable cleaning effect. Ensure stable pressure between the blades and belt.

New locking assembly: it's made of special polyurethane and enclosed structure out of environment impact; the locking force provided by material shearing force, it can adjust, compensate pressure between belt and blade and keep pressure constant.



Samalaju Port , Malaysia



Formosa Ha Tinh Steel Mill , Vietnam



Letpadaung Copper Mine , Myanmar



Jinzhou Port ,China



Huolinhe Mine , China



Bainyinhua Mine , China



Xiba Port ,China



Xinjiang Industrial Park , China



Winning Alliance Port SA , Guinea



Anyang Steel Mill , China



Duyen Hai Power Plant ,Vietnam



Baosteel Zhanjiang Steel Mill , China



Taiyuan Steel Mill , China



Yaomeng Cement Plant , China



Huangling Power Plant , China



Kaifeng Power Plant , China



We are willing to cooperate with our friends both from domestic and international to achieve our mutual target and make a brilliant future.

