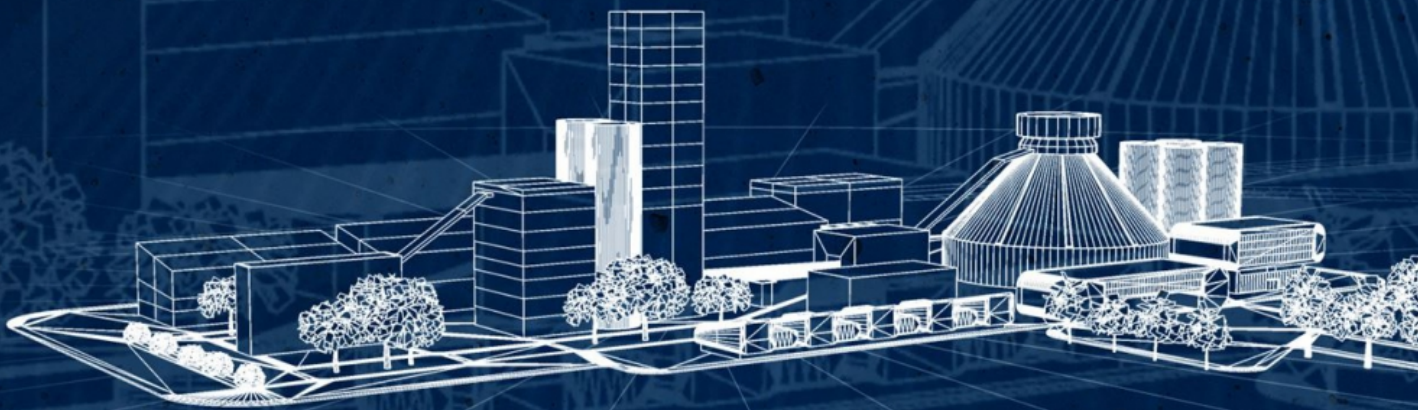




Hadron



Beijing Hadron Technology Ltd

Professional Cement Plant Spare Parts Supplier

About us

Beijing Hadron Technology Ltd



Hadron

Hadron is focusing on spare parts supplying in cement industry. We are aimed at helping our customers increase production efficiency. Excellent quality and professional service is always our principle. Since the company was established with rich working experience, Hadron are dedicated to provide surpassing value for money to help our clients cut cost, grow more business and expand more markets. In addition, our competitive pricing and good service have helped more and more customers in 17 countries and 23 cities all over the world. Nowadays, To meet more and more fragmented orders from end users or small distributors, Hadron optimizes production process, thus to provide low MOQ and quick delivery, to support more and more small and medium-sized cement plant. In the future, Hadron will continue follow the core concept "More professional, more reliable", go through the new stages for process innovation and service innovation, to stay with our clients tightly, expand more and more markets together, and create more value for our customer.



Crusher

Crusher Hammer / Liner

- Big scale high manganese steel wear-resistant parts with kentanum inserted
- Material of ZGMn13Cr2 or ZGMn18Cr2 with 0.05~0.20% of Ti while eliminating the columnar crystals
- Good plastic tenacity ensuring high hardness and high wearing features
- Support function for the high hardness stick
- Protection effective function for the high manganese steel parts
- Prolong the life time of the wear-resistant parts to more than twice.
- Cost efficiency
- Designed in cone stick shape
- The volume ratio of the operation parts between kentanum and the austenitic manganese wear resistant working surface is 0.5~1.5.
- The operation effect can be maximized while the ratio reached 1.0.
- Applied with VRH technology



Vertical Mill Grinding Roller



Hadrod has accumulated years of experiences of supplying vertical mill grinding roller to the cement industry. Our grinding roller and disc has the characteristics including high hardness, high wear resistant, high dimensional accuracy and safety stable operation. The rollers are ideal for vertical mill of all major and middle size cement plant. The rollers we supply are can support a wide range of brand-named vertical mills including PFEIFFER, FLSmidth and LOESCHE.



Wear Resistant Plate



Our Wear Resistant Plates has been widely used in:

- Chute; Receiving groove
- Cyclone tube; Guide vane. Rotor blade
- All kinds of wear parts in the vertical mill
- Fan blade and casing
- Angular cage
- Sieve plate
- Wear resistance lining plate
- Telescopic tremie pipe
- Bent pipe and air duct



Heat Resistant Materials

We are specialized in manufacture all kinds of heat resistance, corrosion resistance, oxidation resistance special alloy steel products. They are widely used in cement/electric power/metallurgy/machinery/chemical/coal mine industry. We have precision casting, sand casting, lost foam casting, vacuum suction casting, and other advanced technique to guarantee the products quality.

| | Preheater Series | Rotary Kiln Series | Grate Cooler Series |
|---|---|---|--|
| Spare parts | Dip tube, Flap valve, Valve plate | Outlet and inlet guard plate | Grate plate, Moving cross bar |
| We can provide products designed by following Designers | CNBM Design & Research Institute Sinoma International Engineering Co.,Ltd. (Nanjing) Chengdu Design & Research Institute of Building Materials Industry Co.,Ltd CTIEC Nanjing Kisen Cement Industry Design & Research Institute Shandong Seper Group Co.,Ltd | | |
| EPC contractor | a. CNBM b. AVIC/CATIC c. Sinoma/ Sinomach d. Conche. China Shipbuilding Industry Company Limited or other Chinese EPC contractors | | |
| Advantages | a. excellent wear resistance b. excellent heat resistance c. excellent corrosion resistance: acid and alkali resistance and intergranular corrosion resistance. | | |
| Pictures |  |  |  |
| |  |  |  |

Belt

High temperature resistant conveyor belt

1. Product characteristics

The carcass of the product selects cotton canvas or EP canvas as skeleton material. Cover rubber and cushion rubber is styrene-butadiene rubber or chlorobutadiene that has good heat resistance. The product can work properly under the temperature of 120°C and is suitable for conveying materials under the temperature of 120°C in industries of metallurgy, cement, steel, coking and etc.

2. Physical property indexes

| | | |
|---------------------|--|-----|
| Hardness | Difference before and after aging (IRHD) | ±20 |
| | Maximum value after aging (IRHD) | 85 |
| Tensile Strength | Change rate of property % | 45 |
| | Minimum value after aging MPa | 5 |
| Breaking Elongation | Change rate of property % | 55 |
| | Minimum value after aging % | 180 |

3. Types and specifications of high temperature resistant conveyor belt

| Fabric type | Fabric specs | Strength series (N/mm) | | | | | Cover thickness | | Width mm | Length m |
|-------------|--------------|------------------------|------|------|------|------|-----------------|--------|--------------|----------|
| | | 2ply | 3ply | 4ply | 5ply | 6ply | Upper | Bottom | | |
| EP | EP80 | 160 | 240 | 320 | 400 | 480 | 4.5-10 | 0-4.5 | 400-250 0 | ≤300 |
| | EP100 | 200 | 300 | 400 | 500 | 600 | | | | |
| | EP150 | 300 | 450 | 600 | 750 | 900 | | | | |
| | EP200 | 400 | 600 | 800 | 1000 | 1200 | | | | |
| | EP250 | 500 | 750 | 1000 | 1250 | 1500 | | | | |
| | EP300 | 600 | 900 | 1200 | 1500 | 1800 | | | | |
| | EP400 | 800 | 1200 | 1600 | 2000 | 2400 | | | | |
| | EP500 | 1000 | 1500 | 2000 | 2500 | 3000 | | | | |



Belt



Chemical resistant conveyor belt

1. Product characteristics

Because the belt core selects cotton-duck, nylon-duck or EP-duck, the belt has good elasticity, excellent troughability, and low elongation. The rubber cover, which is made from chemical resistant materials, has fine anti-chemical corrosiveness and good physical properties.

2. Application

It is suitable for conveying materials with chemical corrosiveness in chemical factory, chemical fertilizer factory, paper mill, mining industry and etc.

3. Technical indexes

| Items | | | | Unit | Indexes |
|-----------------------|--|---------------------------------|-----------------------------|---|--|
| Cover rubber property | Tensile strength | | | MPa | ≥ 10 |
| | Elongation at break | | | % | ≥ 300 |
| | Abrasion | | | mm ³ | ≤ 250 |
| | Acid resistance 30% H_2SO_4 Normal temperature 24h | | | | ≥ 0.7 |
| | Alkali resistance NaOH Normal temperature 24h | | | | ≥ 0.7 |
| Belt carcass | Adhesive strength | | | Elongation | |
| | Between plies N/mm | N/mm Between rubber and carcass | | Longitudinal elongation at break % \geq | Longitudinal elongation at reference load % \leq |
| | | Rubber thickness ≤ 1.5 mm | Rubber thickness > 1.5 mm | | |
| Cotton and T/C canvas | ≥ 2.7 | ≥ 2.4 | ≥ 2.7 | 10 | 2.0 |
| EP, NN | ≥ 4.5 | ≥ 3.2 | ≥ 3.5 | 10 | 2.0 |

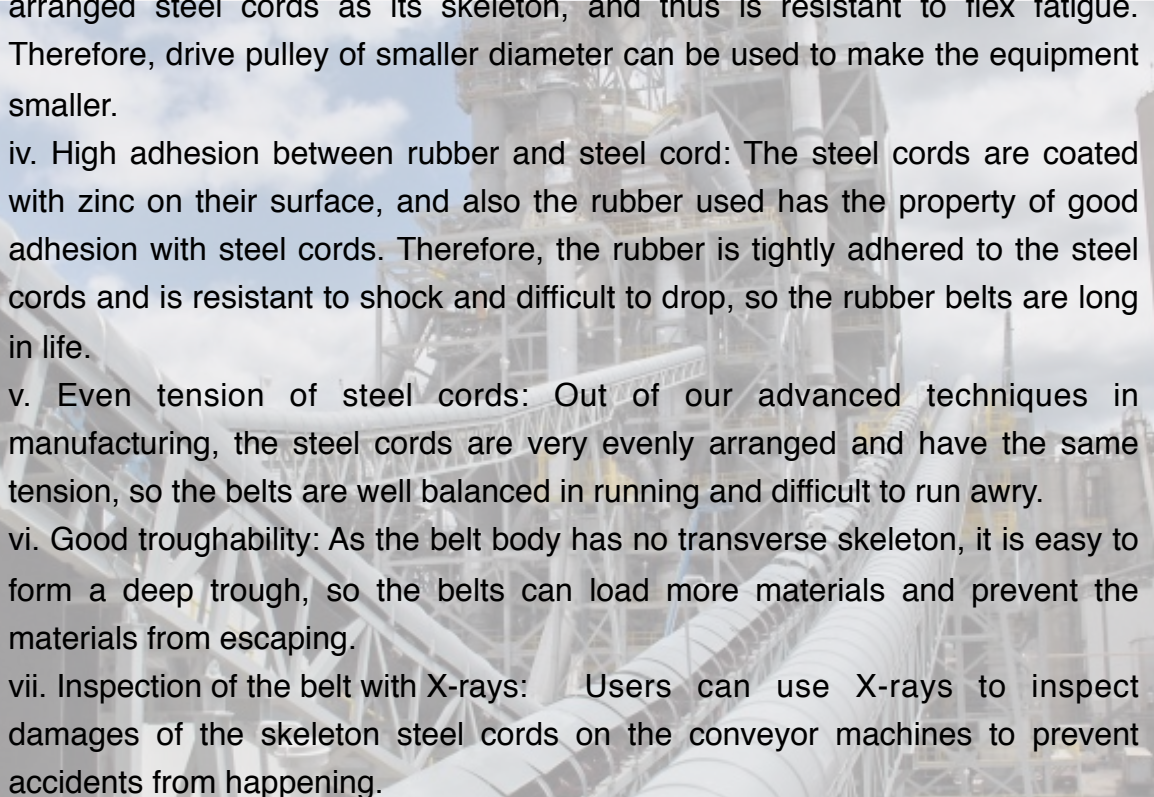
Belt

Steel cord conveyor belt

1. Application

Steel cord conveyor belts are widely used in high strength, long distance and heavy load transportation of materials, and they are also used in high strength and short distance transportation of materials on special occasions.

2. Characteristics

- i. High tensile strength: The belts are suitable for large span, long distance transportation of materials.
 - ii. Small elongation in use: The belts need only a very short take-up stroke distance.
 - iii. Small diameter of drive pulley: The belt body has a layer of longitudinally arranged steel cords as its skeleton, and thus is resistant to flex fatigue. Therefore, drive pulley of smaller diameter can be used to make the equipment smaller.
 - iv. High adhesion between rubber and steel cord: The steel cords are coated with zinc on their surface, and also the rubber used has the property of good adhesion with steel cords. Therefore, the rubber is tightly adhered to the steel cords and is resistant to shock and difficult to drop, so the rubber belts are long in life.
 - v. Even tension of steel cords: Out of our advanced techniques in manufacturing, the steel cords are very evenly arranged and have the same tension, so the belts are well balanced in running and difficult to run awry.
 - vi. Good troughability: As the belt body has no transverse skeleton, it is easy to form a deep trough, so the belts can load more materials and prevent the materials from escaping.
 - vii. Inspection of the belt with X-rays: Users can use X-rays to inspect damages of the skeleton steel cords on the conveyor machines to prevent accidents from happening.
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Filter and Filter Bag

Our company offers engineered solutions for all of your Filtration needs.

Hydraulic, Lubrication and Oil Filters, Fuel Filters, Liquid Separators, Compressor Filters, Compressed Air Pneumatic Filters, Strainer Baskets, and a wide range of Specialty Application Filters.

Our filter elements can using to the Hydac, Pall, Parker, Donaldson, Cummins, Fleetguard and Internorman, etc filter housings with more economical alternative for replacement elements and opportunity to change with our filter technologies.

Our filter elements directly replace with wide range of Hydac, Pall, Parker, Donaldson, Cummins, Fleetguard and Internorman, etc without any adaptor.

Filter Bags

Filter material for medium/ normal temperature

Materials available:

Polyester, polypropylene, and acrylic etc.

Working temperature:

< 160°C

Specialties:

Good air permeability, high porosity, flat & smooth surface, good resistance to acid & alkali, good chemical properties, high dust collection efficiency, easy dust removal, high durability.

Techniques used:

needle punching & other finish dealing methods.

Application:

steel industry for iron smelting, casting and electric furnace dust collection; dealing with the exhaust in electrolytic aluminum fume, alumina transmission and non-ferrous smelting industries; ordinary dust removal and normal temperature exhaust treatment including the woodworking, grain processing, etc.



Filter and Filter Bag

Filter Bags

Filter material for high temperature

Material available:

PPS (Ryton /polyphenylene sulfide), Nomex glass fiber, etc.

Working temperature:

≥160°C

Specialties:

Strong acid & alkali resistance, good stability, high filtering efficiency & durability.

Techniques used:

needle punching & other finish cleaning methods.

Application:

dust collection for low-oxidizability gas from garbage incinerator, metal melting, steel plants, coal-fire boiler and chemical industry; dust collection for high temperature gas such as blast-furnace gas, electric furnace exhaust, etc.



Filter and Filter Bag

Dust collector bags

The dust collector bag is the core element of the filter-type dust collector.

Usually the cylindrical impulse-type dust collector bag is suspended in the dust collectors vertically. Dust gas enters the dust collector bag from the air inlet and the passage board, big dust particles were filtered out into the dust hopper directly by inertia. When dust gas reached the filtering area of the box, dust is captured on the outer surface of the dust collector bags, and gas flows into the pocket through filter media, then purified gas discharges from the outlet.



Expansion Joint

Material for expansion joints

- cement plant expansion joint material
- Carbon steel Q235, 16Mn, boiler steel (12CrMo steel), wear resistant steel (UP) 2 cr13 stainless iron, 1 cr13, SUS202
- Adopts stainless steel SUS304, SUS321, SUS316L
- Heat resistant steel SUS309 SUS310S
- Single coated adhesive cloth, double-sided adhesive tape, fluorine rubber, teflon Wire mesh, stainless steel wire mesh
- Non-alkali cloth, bulky cloth, medium base cloth
- Aluminum silicate fiber cotton, aluminum silicate fiber felt (zirconium)
- High temperature (1100 °C) of heat-resistant continuous fiber cloth
- Fasteners, etc.



Construction Machine Spare Parts



Supplying Various Replacement Parts and products for Construction machine.

Construction machine spare parts, sourcing only from OPM (Original Parts Manufactures) for the following brands SANY, LIONZOOM, XCMG, CAT, VOLVO, COMMATSU, SHANTUI, RONDEBULT , JCB & CASE, in the following categories:

- Industrial Hydraulic Filters
- Electrical
- Ground Engaging tools (Grader Blades, Ripper Tips, Cutting Edges etc)
- Seals and Gaskets
- Hardware
- Genuine Filters (Air Filters, Oil Filters, Fuel Filters)
- Mult-Wedging Belts

All our Earth Moving Replacement Parts has undergone extensive field testing in various types of materials and applications to analyse and ensure its high quality and good characteristics.

Prefab Container House



Our major scope of products includes light steel villa,house,prefab container house,shipping container house,prefabricated house,office,prefab shipping container shop,kiosk,sentry box,prefab guard house.and is devoted to the development, popularization, research and application of light steel structure energy-saving buildings.With a hard-working team and a harmonious working atmosphere, our products are diversified, not only excellent in appearance, but also practical in many fields. We've got a one-stop supply from design, production, construction to marketing. Moneybox provides many practical products, such as prefabricated houses, light steel villas, compartment type houses, sentry boxes, additional layers, partition walls, large-scale plants and warehouses, accommodations, etc.Our company is committed to provide first-class quality and efficient pre-sale and after-sale services, which has taken good reputations from our customers around the world

Electrical and Laboratory Spare Parts



- Solenoid valve
- CCTV Camera
- Differential Pressure transmitter
- Flow monitoring device
- Level switch
- Load cell
- Pressure transmitter
- Temperature Sensor
- Impeller fan
- Motor
- ABB and Schneider
- Laboratory Equipment for Cement Test
- Etc.



Hadron

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