

Hunan Chenggang Conveyor Technology Co., Ltd.

Plant and Equipment



Trusted Conveyor Idler & Pulley Manufacturer for Global Material Handling

- ✓ 30+ Years Experience
- ✓ 22,000m² Facility
- ✓ Global Export

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Hunan Chenggang Conveyor Technology Co., Ltd. is a technology-based private enterprise integrating design, production, manufacturing, sales and after-sales services. We have long focused on the research and development of bulk material conveying system equipment as well as the production of supporting components. Owing a number of patented technologies with independent intellectual property rights, we boast extensive experience in the design, manufacture, operation and maintenance of belt conveyors, backed by strong technological R&D capabilities and robust production strength.

Our products are widely applied in coal, metallurgy, mining, port, chemical, building materials, water conservancy and power industries, enjoying high market recognition and a solid reputation. With over two decades of steady development, we have become a long-term supplier to dozens of well-known enterprises at home and abroad, including Sany Heavy Industry, Zoomlion, CRCC Heavy Industry, China Baowu, China Huadian, NFLG and Vale of Brazil. Our products are exported to more than 20 countries and regions worldwide.

Adhering to the customer-oriented principle and the business philosophy of Superior Quality & First-class Service, we strive to deliver premium services to all clients. We sincerely welcome friends from all walks of life to visit our company for inspection, guidance and business negotiations, and look forward to achieving win-win cooperation with you!

Company Qualification



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Pulley Lagging

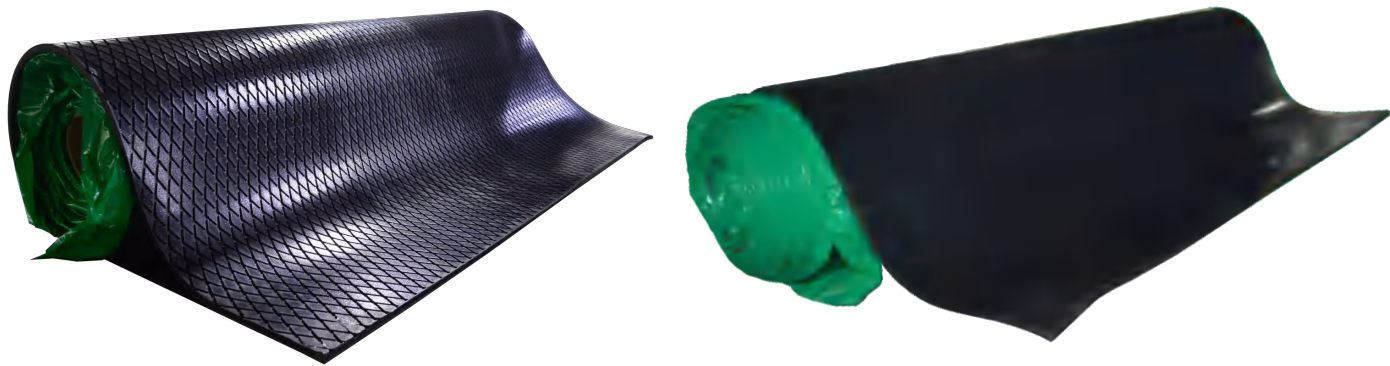
Rubber Lagging & Rubber Lining

Application:

Used as conveyor pulley lagging and chute, hopper, pipe lining.

Features:

- 1.CN bonding layer delivers fast-bonding.
- 2.CN layer can be bonded directly without roughening.
- 3.Excellent bonding, no de-bonding.
- 4.Good wear resistance, longer service life.



Specifications :

Description	Size
Rubber Lagging	8×2000×10000 mm
Rubber Lagging	10×2000×10000 mm
Rubber Lagging	12×2000×10000 mm
Rubber Lagging	15×2000×10000 mm
Rubber Lagging	20×2000×10000 mm
Diamond Rubber Lagging	8×2000×10000 mm
Diamond Rubber Lagging	10×2000×10000 mm
Diamond Rubber Lagging	12×2000×10000 mm
Diamond Rubber Lagging	15×2000×10000 mm
Diamond Rubber Lagging	20×2000×10000 mm

Pulley Lagging

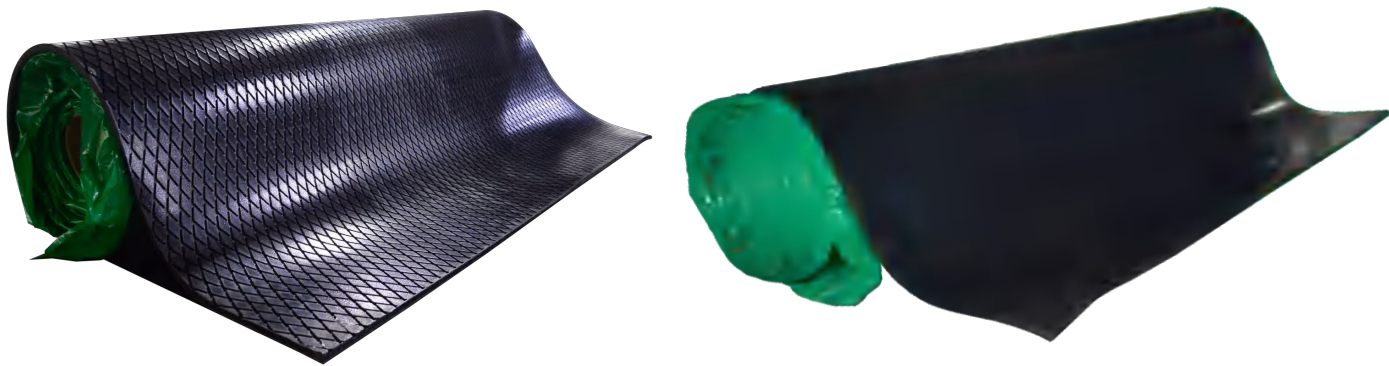
FRAS Rubber Lagging & Rubber Lining

Application:

Used as conveyor pulley lagging and chute, hopper, pipe lining. Suitable for coal mine, coke, underground applications.

Features:

- 1.CN layer can be bonded directly without roughening.
- 2.Excellent bonding, no de-bonding.
- 3.Good wear resistance, longer service life.
- 4.Fire-retardant.

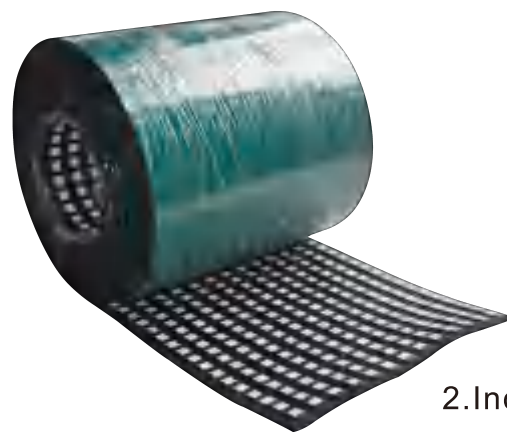


Specifications :

Description	Size
FRAS Rubber Lagging	8×2000×10000 mm
FRAS Rubber Lagging	10×2000×10000 mm
FRAS Rubber Lagging	12×2000×10000 mm
FRAS Rubber Lagging	15×2000×10000 mm
FRAS Rubber Lagging	20×2000×10000 mm
FRAS Diamond Lagging	8×2000×10000 mm
FRAS Diamond Lagging	10×2000×10000 mm
FRAS Diamond Lagging	12×2000×10000 mm
FRAS Diamond Lagging	15×2000×10000 mm
FRAS Diamond Lagging	20×2000×10000 mm

Pulley Lagging

Pulley Ceramic Lagging



Application:

Suitable for conveyor pulleys under wet, muddy or any other such arduous conditions.

Features:

- 1.Excellent bonding, no de-bonding.
- 2.Increased friction coefficient, reduce belt slippage.
- 3.CN layer can be bonded directly without roughening.
- 4.High wear resistant alumina tiles, longer service life.

Specifications :

Description	Size
Ceramic Lagging	800×500×15 mm
Ceramic Lagging	1000×500×15 mm
Ceramic Lagging	1200×500×15 mm
Ceramic Lagging	1450×500×15 mm
Ceramic Lagging	1650×500×15 mm
Ceramic Lagging	1850×500×15 mm
Ceramic Lagging	2050×500×15 mm
Ceramic Lagging	2250×500×15 mm
Ceramic Lagging	10000×500×15 mm
Fire-Retardant Ceramic Lagging	800×500×15 mm
Fire-Retardant Ceramic Lagging	1000×500×15 mm
Fire-Retardant Ceramic Lagging	1200×500×15 mm
Fire-Retardant Ceramic Lagging	1450×500×15 mm
Fire-Retardant Ceramic Lagging	1650×500×15 mm
Fire-Retardant Ceramic Lagging	1850×500×15 mm
Fire-Retardant Ceramic Lagging	2050×500×15 mm
Fire-Retardant Ceramic Lagging	2250×500×15 mm
Fire-Retardant Ceramic Lagging	10000×500×15 mm



Pulley Lagging

Casting Polyurethane Lagging



Application:

Suitable for belt conveyor pulley lagging. Not suitable for drive pulleys due to its lower friction coefficient.

Features:

- 1.High abrasion-resistant polyurethane, extended service life.
- 2.Casting PU lagging, excellent bonding.
- 3.To be cast at our factory.

Specification:

-Thickness:8mm/10mm/12mm/15mm

Replaceable Pulley Lagging



Application:

Used as belt conveyor pulley lagging.

Features:

- 1.Can be installed on site without removing pulleys.
- 2.Easy to install, replace and maintenance.
- 3.High wear resistant rubber formula, longer service life.
- 4.Available in rubber ceramic lagging, better wear resistance.

Specifications.

Thickness: 12mm 15mm 20mm

Pulley Lagging

Bolt-On Pulley Lagging

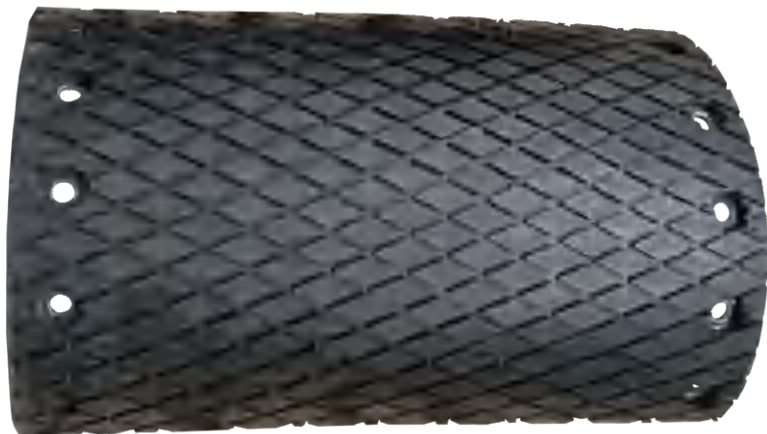
Application:

Used as belt conveyor pulley lagging.

Features:

- 1.Can be installed on site without removing pulleys.
- 2.Easy to install, replace and maintenance.
- 3.Material available in polyurethane, rubber, rubber-ceramic.
- 4.For pulleys smaller than :1400 x 1400

Specifications.
Thickness: 18mm 20mm



Impact Bed

Standard Impact Bed



Application:

- 1.Belt width: B=500:2000(mm)
- 2.Belt Speed: $V \leq 3.5$ (m/s)
- 3.Capacity: $L < 6000$ (t/h)
- 4.Drop Height: $H < 3$ (m)
- 5.Working Temperature Range: -40:90:

Features:

- 1.Energy-absorbing impact bars protect conveyor belt from falling materials.
- 2.Abrasion-resistance UHMW cap, low friction coefficient, no damage to belt.
- 3.Replacement impact bars.
- 4.Extend belt life.

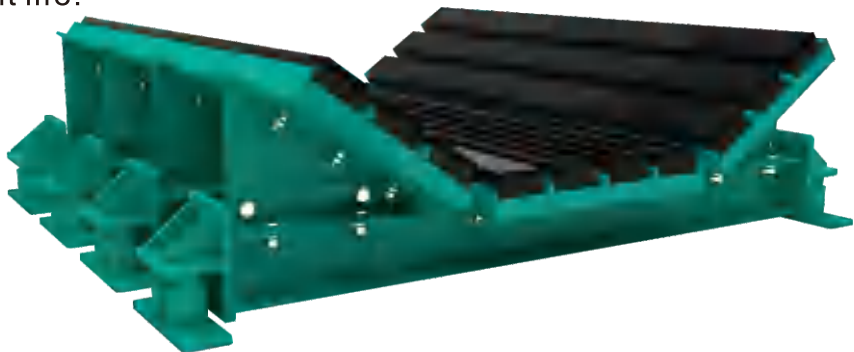
Medium-Duty Impact Bed

Application:

- 1.Belt width: B=500:2400(mm)
- 2.Belt Speed: $V < 4.5$ (m/s)
- 3.Capacity: $L \geq 6000$ (t/h)
- 4.Drop Height: $H < 3$ (m)
- 5.Working Temperature Range: -40:90:

Features:

- 1.Energy-absorbing impact bars protect conveyor belt from falling materials.
- 2.Abrasion-resistance UHMW cap, low friction coefficient, no damage to belt.
- 3.Replacement impact bars.
- 4.Extend belt life.



Impact Bed

Heavy-Duty Modular Impact Bed

Application:

- 1.Belt width: B=650:2400(mm)
- 2.Belt Speed: V ≥ 4.5(m/s)
- 3.Capacity: L ≥ 6000(t/h)
- 4.Drop Height: H ≥3(m)
- 5.Working Temperature Range: -40:90:

Features:

- 1.Combine the advantages of impact bed and impact roller, suitable for high speed and high capacity belt conveyor.
- 2.Heavy-duty impact bars, improved impact resistance.



Impact Bar/Heavy-Duty Impact Bar



Application:

To offer impact resistance at conveyor loading point.

Features:

- 1.Low friction coefficient UHMWPE cap allows smooth movement of the conveyor belt.
- 2.High elastic cushioning rubber absorbs impact energy from falling materials.
- 3.Hot vulcanization process, excellent bonding between UHMW PE and rubber.
- 4.Available in standard rubber and FRAS rubber.

Size	Width x Height (mm)	Length (mm)
Standard 1	100x55	1220/1400/1500/1800/2000
Standard 2	100x75	1220/1400/1500/1800/2000
Heavy-Duty	280x100	1080

Belt Cleaner

Primary Belt Cleaner

Application:

Installed on the head pulley to provide effective cleaning.

Features:

- 1. High wear resistant, anti-corrosion and anti-fracture PU blade.
- 2. Self-adjusting spring tensioners, PU blades follow up automatically to ensure proper contact.
- 3. Suitable for vulcanizing joint, mechanical joint, etc.



Specifications:

Description	Belt Width	Blade Width	Pole Length
Primary Belt Cleaner	500	400	1400
Primary Belt Cleaner	650	500	1600
Primary Belt Cleaner	800	600	1800
Primary Belt Cleaner	1000	800	2000
Primary Belt Cleaner	1200	1000	2200
Primary Belt Cleaner	1400	1200	2400
Primary Belt Cleaner	1600	1400	2600
Primary Belt Cleaner	1800	1600	2800
Primary Belt Cleaner	2000	1800	3000

Belt Cleaner

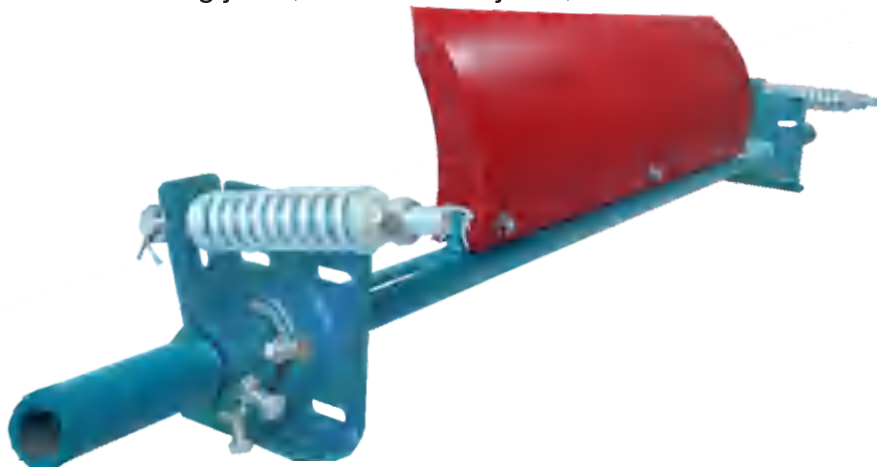
Heavy-Duty Primary Belt Cleaner

Application:

Installed on the head pulley to provide effective cleaning, designed for conveyor systems of high-speed, large particle and abrasive materials, normally for belt speed > 3.5m/s.

Features:

- 1. High wear resistant, anti-corrosion and anti-fracture PU blade.
- 2. Larger PU blade, suitable for arduous conditions.
- 3. Self-adjusting spring tensioners, PU blades follow up automatically to ensure proper contact.
- 1. Suitable for vulcanizing joint, mechanical joint, etc.



Specifications:

Description	Belt Width	Blade Width	Pole Length
HD Primary Belt Cleaner	500	400	1400
HD Primary Belt Cleaner	650	500	1600
HD Primary Belt Cleaner	800	600	1800
HD Primary Belt Cleaner	1000	800	2000
HD Primary Belt Cleaner	1200	1000	2200
HD Primary Belt Cleaner	1400	1200	2400
HD Primary Belt Cleaner	1600	1400	2600
HD Primary Belt Cleaner	1800	1600	2800
HD Primary Belt Cleaner	2000	1800	3000

Belt Cleaner

Secondary Polyurethane Belt Cleaners

Application:

To be mounted in any secondary cleaning position---usually about 100mm from where the belt leaves the head pulley.

Features:

- 1. Work together with the primary cleaner to provide further cleaning.
- 2. Self-adjusting spring tensioners, PU blades follow up automatically to ensure proper contact.
- 3. Suitable for vulcanizing joint, mechanical joint, etc



Specifications:

Description	Belt Width	Blade Width	Pole Length
Secondary PU Belt Cleaner	500	500	1400
Secondary PU Belt Cleaner	650	600	1600
Secondary PU Belt Cleaner	800	800	1800
Secondary PU Belt Cleaner	1000	1000	2000
Secondary PU Belt Cleaner	1200	1200	2200
Secondary PU Belt Cleaner	1400	1400	2400
Secondary PU Belt Cleaner	1600	1600	2600
Secondary PU Belt Cleaner	1800	1800	2800
Secondary PU Belt Cleaner	2000	2000	3000

Belt Cleaner

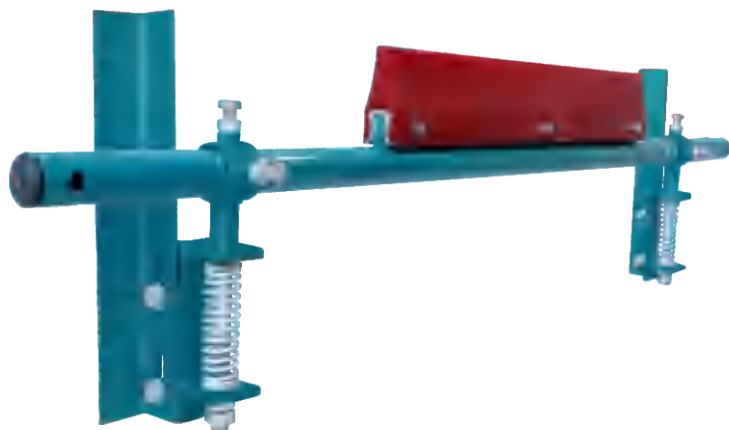
HD Secondary PU Cleaner

Application:

To be mounted in any secondary cleaning position---usually about 100mm from where the belt leaves the head pulley. Designed for conveyor systems of high-speed, large particle and abrasive materials, normally for belt speed > 3.5m/s.

Features:

1. Work together with the primary cleaner to provide further cleaning.
2. High wear resistant, anti-corrosion and anti-fracture PU blade.
3. Larger PU blade, suitable for arduous conditions.
4. Self-adjusting spring tensioners, PU blades follow up automatically to ensure proper contact.



Specifications :

Description	Belt Width	Blade Width	Pole Length
HD Secondary PU Belt Cleaner	500	500	1400
HD Secondary PU Belt Cleaner	650	600	1600
HD Secondary PU Belt Cleaner	800	800	1800
HD Secondary PU Belt Cleaner	1000	1000	2000
HD Secondary PU Belt Cleaner	1200	1200	2200
HD Secondary PU Belt Cleaner	1400	1400	2400
HD Secondary PU Belt Cleaner	1600	1600	2600
HD Secondary PU Belt Cleaner	1800	1800	2800
HD Secondary PU Belt Cleaner	2000	2000	3000

Belt Cleaner

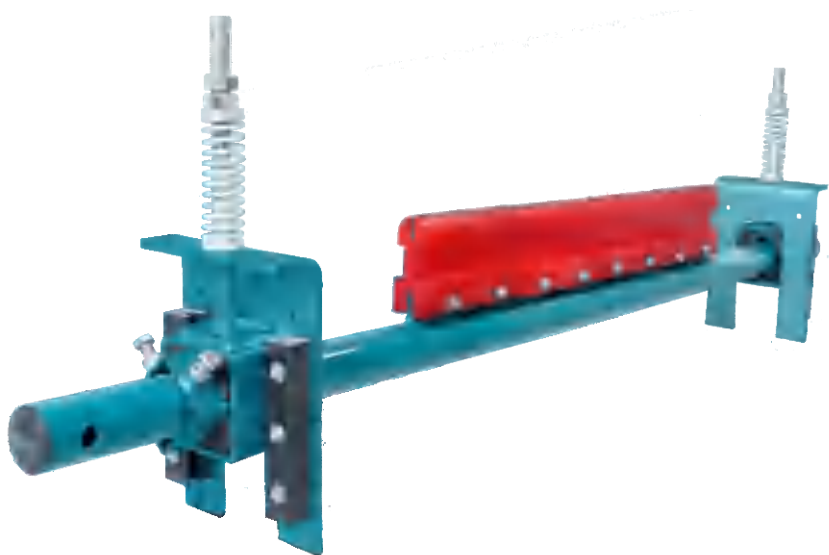
Secondary PU&Alloy Belt Cleaner

Application:

Suitable for arduous conditions, especially for wet or sticky material.

Features:

1. PU blade with tungsten carbide tips can remove wet or sticky material.
2. Polyurethane matrix, no damage to belt.
3. Suitable for vulcanizing joint, mechanical joint, etc.



Specifications :

Description	Belt Width	Blade Width	Pole Length
Secondary PU&Alloy Belt Cleaner	650	600	1600
Secondary PU&Alloy Belt Cleaner	800	800	1800
Secondary PU&Alloy Belt Cleaner	1000	1000	2000
Secondary PU&Alloy Belt Cleaner	1200	1200	2200
Secondary PU&Alloy Belt Cleaner	1400	1400	2400
Secondary PU&Alloy Belt Cleaner	1600	1600	2600
Secondary PU&Alloy Belt Cleaner	1800	1800	2800
Secondary PU&Alloy Belt Cleaner	2000	2000	3000

Belt Cleaner

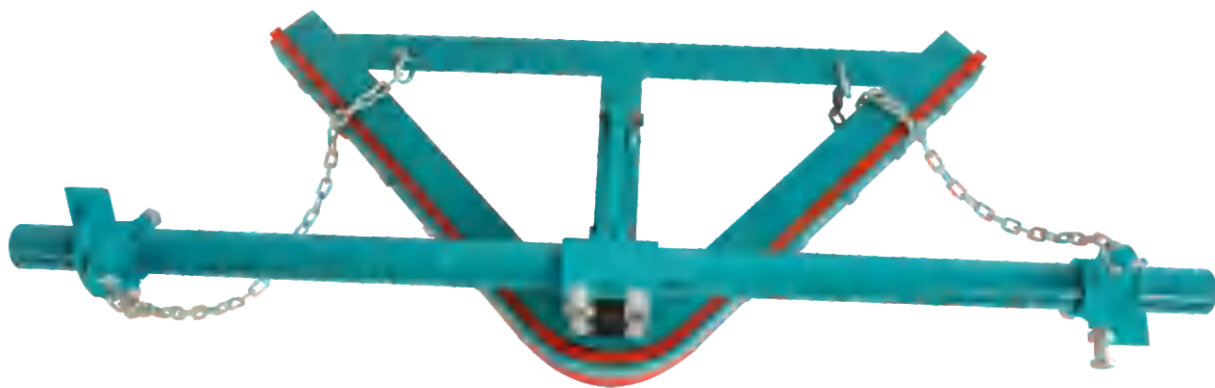
V-Plow Belt Cleaner

Application:

To clean the inside of the return belt.

Features:

- 1. Polyurethane blade, low friction coefficient, high wear resistance.
- 2. No damages to the belt.
- 3. Simple structure, easy to install, maintenance and replace.



Specifications:

Description	Belt Width	Pole Length
V-Plow Belt Cleaner	500	1000
V-Plow Belt Cleaner	650	1100
V-Plow Belt Cleaner	800	1300
V-Plow Belt Cleaner	1000	1500
V-Plow Belt Cleaner	1200	1700
V-Plow Belt Cleaner	1400	1900
V-Plow Belt Cleaner	1600	2100
V-Plow Belt Cleaner	1800	2300
V-Plow Belt Cleaner	2000	2500

Belt Cleaner

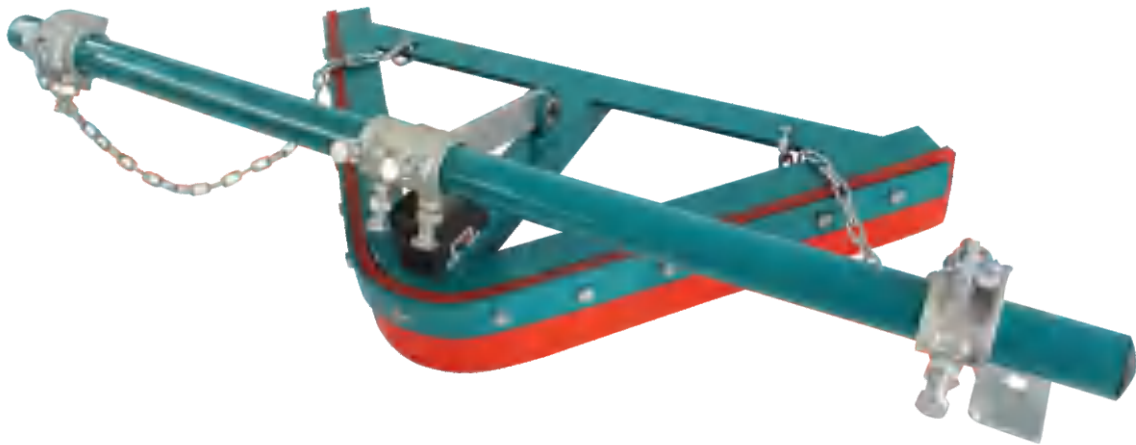
HD V-Plow Belt Cleaner

Application:

To clean the inside of the return belt.

Features:

- 1. Increased thickness of PU blade, longer service life.
- 2. Polyurethane blade, low friction coefficient, high wear resistance.
- 3. No damages to the belt.
- 1. Simple structure, easy to install, maintenance and replace.



Specifications:

Description	Belt Width	Pole Length
HD V-Plow Belt Cleaner	500	1000
HD V-Plow Belt Cleaner	650	1100
HD V-Plow Belt Cleaner	800	1300
HD V-Plow Belt Cleaner	1000	1500
HD V-Plow Belt Cleaner	1200	1700
HD V-Plow Belt Cleaner	1400	1900
HD V-Plow Belt Cleaner	1600	2100
HD V-Plow Belt Cleaner	1800	2300
HD V-Plow Belt Cleaner	2000	2500

Belt Cleaner

Diagonal Plow Belt Cleaner

Application:

Designed for reversible belt, to clean the inside of the return belt.

Features:

- 1. Linear type design, remove the materials on the return belt effectively.
- 2.No damages to the belt.
- 3. Simple structure, easy to install, maintenance and replace.



Specifications :

Description	Belt Width	Blade Width	Pole Length
Diagonal Plow Belt Cleaner	500	775	995
Diagonal Plow Belt Cleaner	650	1000	1210
Diagonal Plow Belt Cleaner	800	1200	1490
Diagonal Plow Belt Cleaner	1000	1500	1760
Diagonal Plow Belt Cleaner	1200	1800	2112
Diagonal Plow Belt Cleaner	1400	2080	2390
Diagonal Plow Belt Cleaner	1600	2410	2750
Diagonal Plow Belt Cleaner	1800	2650	3040
Diagonal Plow Belt Cleaner	2000	2900	3310

Belt Cleaner

Motorized Brush Belt Cleaner

Application:

Designed for conveyor belt cleaning, suitable for dry and fine materials.

Features:

- 1. Suitable for flat and profile conveyor belt.
- 2. Replaceable brush strip, easy to replace and maintenance.



Specifications :

Description	Belt Width	Brush Width
Motorized Brush Belt Cleaner	500	500
Motorized Brush Belt Cleaner	650	650
Motorized Brush Belt Cleaner	800	800
Motorized Brush Belt Cleaner	1000	1000
Motorized Brush Belt Cleaner	1200	1200
Motorized Brush Belt Cleaner	1400	1400
Motorized Brush Belt Cleaner	1600	1600
Motorized Brush Belt Cleaner	1800	1800
Motorized Brush Belt Cleaner	2000	2000

Belt Cleaner

Motorized Belt Beater Cleaner

Application:

Designed for sidewall conveyor belt.

Features:

- 1. To clean the sidewall belt by beating the back of the belt.
- 2. Eccentric polyurethane hammer, high wear resistance, longer service life and no damages to belt.



Specifications :

Description	Belt Width	Brush Width
Motorized Belt Beater Cleaner	500	450
Motorized Belt Beater Cleaner	650	600
Motorized Belt Beater Cleaner	800	700
Motorized Belt Beater Cleaner	1000	900
Motorized Belt Beater Cleaner	1200	1100
Motorized Belt Beater Cleaner	1400	1300

Belt Cleaner

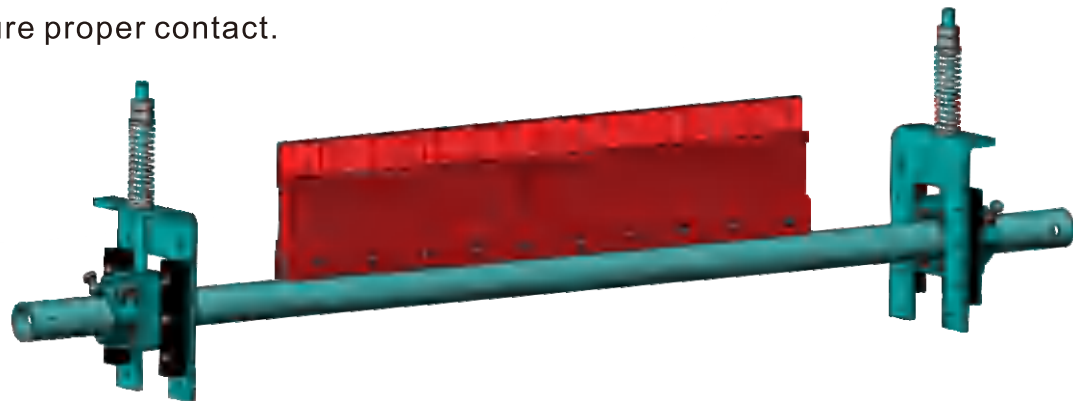
Finger-type Belt Cleaner

Application:

Designed for profile conveyor belt, to clean the return belt.

Features:

- 1. Special finger-type PU blade can clean the profile belt effectively.
- 2. High wear resistance, anti-corrosion PU blade, longer service life.
- 3. Self-adjusting spring tensioners, PU blades follow up automatically to ensure proper contact.



Specifications :

Description	Belt Width	Blade Width	Pole Length
Finger-type Belt Cleaner	650	600	1600
Finger-type Belt Cleaner	800	800	1800
Finger-type Belt Cleaner	1000	1000	2000
Finger-type Belt Cleaner	1200	1200	2200
Finger-type Belt Cleaner	1400	1400	2400
Finger-type Belt Cleaner	1600	1600	2600
Finger-type Belt Cleaner	1800	1800	2800
Finger-type Belt Cleaner	2000	2000	3000

Conveyor Skirt Board

Conveyor Polyurethane Skirting

Application:

To be installed on conveyor loading zone to keep material on conveyor belt and reduce material spillage and dust

Features:

1. To seal the belt, reduce spillage and contain dust effectively.
2. High wear resistant polyurethane, longer service life.
3. Lower hardness, less wear or damage to belt.
4. 15m, 30m or longer skirting, constant sealing.
5. Suitable for the sealing of chute of different heights.

Specifications:

Thickness, mm: 6, 8, 10, 12, 16, 19, etc.
Width, mm: 100, 150, 200, 250,. 300, etc.
Length, m: 15, 30, etc.



Conveyor Skirt Board

Conveyor Rubber Skirting

Application:

To be installed on conveyor loading zone to keep material on conveyor belt and reduce material spillage and dust

Features:

1. To seal the belt, reduce spillage and contain dust effectively.
2. High wear resistant rubber compound, longer service life.

Specifications:

Thickness, mm: 6, 8, 10, 12, 16, 19, etc.
Width, mm: 100, 150, 200, 250,. 300, etc.
Length, m: 15, 30, etc.



Conveyor Skirt Board

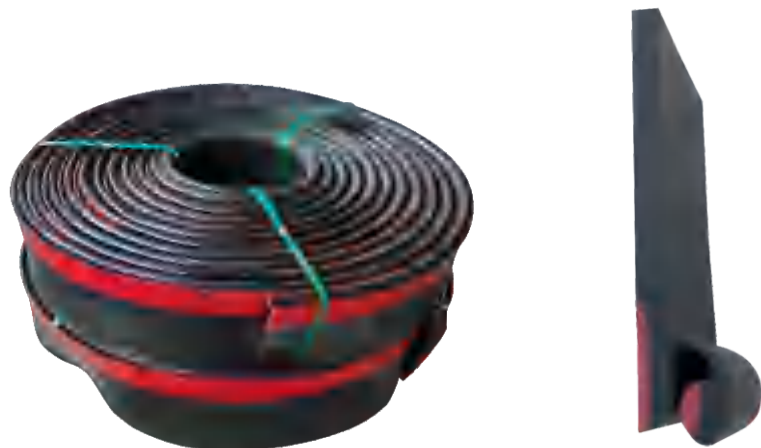
Dual Seal Skirt Board

Application:

To be installed on conveyor loading zone to keep material on conveyor belt and reduce material spillage and dust

Features:

- 1. Double-layer structure, inner layer keeps materials,outer layer prevents dust-leakage.
- 2. Lower pressure to belt, lower friction coefficient, less damage to belt, longer service life.
- 3. Custom-made length, available in 24m or 30, constant sealing.



Specifications:

Description	Size
Dual Seal Skirt Board	14mm*150mm*24m
Dual Seal Skirt Board	14mm*190mm*24m

Conveyor Skirt Board

Dual Seal Polyurethane Skirt

Application:

It is an upgraded product for traditional dual seal skirting and other types of skirting.

It is made of good wear-resistant and low-hardness(63HA) polyurethane, produced by casting the material and forming the final shape at one time, It has more beautiful appearance, better sealing and longer service.

Features:

- 1. Double layer structure, improved side layer, better sealing. Can avoid spillage and contain dust effectively.
- 2. High wear resistant polyurethane, longer side layer, less damages to belt and longer service life.
- 3. Available in 30m roll, constant sealing.



Specifications:

Description	Size
Dual Seal Polyurethane Skirt	16mm*120mm*30m
Dual Seal Polyurethane Skirt	16mm*150mm*30m
Dual Seal Polyurethane Skirt	16mm*190mm*30m

Belt Self-Aligning System

Reversible Self-Aligning Roller Assembly

Upper Self-Aligning Idler Assembly

Description	Belt Width	Center Roller- Ø	Bearing
Upper Self-Aligning Idler Assembly	500	89	4G204
Upper Self-Aligning Idler Assembly	650	89	4G204
Upper Self-Aligning Idler Assembly	800	108	4G205
Upper Self-Aligning Idler Assembly	1000	108	4G305
Upper Self-Aligning Idler Assembly	1200	133	4G306
Upper Self-Aligning Idler Assembly	1400	133	4G306
Upper Self-Aligning Idler Assembly	1600	159	4G306
Upper Self-Aligning Idler Assembly	1800	194	4G306
Upper Self-Aligning Idler Assembly	2000	194	4G308



Upper Self-Aligning Idler Assembly



Lower Self-Aligning Idler Assembly

Lower Self-Aligning Idler Assembly

Description	Belt Width	Bearing
Lower Self-Aligning Idler Assembly	500	4G204
Lower Self-Aligning Idler Assembly	650	4G204
Lower Self-Aligning Idler Assembly	800	4G205
Lower Self-Aligning Idler Assembly	1000	4G305
Lower Self-Aligning Idler Assembly	1200	4G305
Lower Self-Aligning Idler Assembly	1400	4G306
Lower Self-Aligning Idler Assembly	1600	4G306
Lower Self-Aligning Idler Assembly	1800	4G306
Lower Self-Aligning Idler Assembly	2000	4G308

Application:

To rectify conveyor belt mis-tracking.

Features:

- 1. Stable operation, effective rectification on belt mis-tracking.
- 2. Automatic response, fast and efficient.
- 3. Can operate under any conditions.

Adhesive

Cleaning Solvent

Application:

To remove grease, oil and other contamination from rubber or clean steel surface after sandblasting.

Features:

Can effectively clean and remove grease, oil, or other contamination without damaging the rubber or surface. Volatilize fast, no residues.

Specifications :

Description	Specifications
Cleaning Solvent	1 kg/can



Cold Adhesive & Hardener

Application:

Used to bond rubber to other materials.

Ratio: Adhesive : Hardener = 100:5

Features:

- 1. Fast reaction speed, less maintenance time.
- 2. High bonding strength.

Specifications :

Description	Specifications
Adhesive	1 kg/can
Hardener	50 g/bottle



Adhesive

Metal Primer

Application:

To promote the bonding strength and temperature stability of adhesive.

Features:

1. The metal surface is activated to promote the bonding at room temperature and atmospheric pressure.
2. High bonding strength, good corrosion resistance and weather resistance



Specifications:

Description	Specification
Cleaning Solvent	1 kg/can

T2 Gun System

T2 Gun Repair System

Application:

To repair rubber damages of conveyor belts quickly by cold-vulcanizing and fill the gaps of pulley lagging or rubber lining.

Features:

1. Fast reaction, short application time.
2. High wear resistance, longer service life.



Specifications:

Description	Specification
T2 Gun	1 SET
Compound A	5 rolls / carton
Compound B	5 rolls / carton
Solution A	1 kg/can
Solution B	1 kg/can