

Product Catalogue



TSGlobal®
Conveyor & Polyurethane Specialists



TSGlobal®

Conveyor & Polyurethane Specialists

For over 20 years, TS Global has been Australian-owned and specialises in manufacturing a comprehensive range of high-quality conveyor accessories and polyurethane components. Our engineering and manufacturing expertise delivers world-class solutions that are built to withstand the harshest conditions.

PARTNERING WITH US PROVIDES YOU:

Proven Performance

Our focus is on designing, manufacturing and supplying quality, high-performing, low-maintenance products. Our durable products are designed to operate in the most challenging conditions. This provides our clients with improved plant availability and reduced total cost of operation.

Quality Products

We offer competitive pricing whilst maintaining a high standard of quality products. Achieved by utilising a selection of quality materials that provide product longevity and exceptional performance.

Flexibility in Design

As a manufacturer, we can provide customised solutions in response to our clients' site-specific needs. Our extensive workshop can give support 24 hours a day, seven days a week, to meet your operational requirements and minimise downtime.

On Time Delivery

Our extensive stock holding and manufacturing flexibility provide exceptional service to meet critical deadlines and minimise downtime for our clients.

Performance Guarantee

TS Global offers a 100% Performance Guarantee for all products. TS Global will either remedy the performance of the product or fully refund the price of the product.

TERMS:

TS Global guarantees the performance of our products in accordance with the following terms:

- The product must be installed and operated in accordance with the specifications provided by TS Global for the Guarantee to apply
- Should the product not perform to the standards agreed by TS Global and the customer, the customer must notify TS Global by email within 60 calendar days from the date invoiced
- Upon notification, TS Global reserves the right to verify, assess, evaluate, and rectify the situation
- If TS Global cannot rectify the product to meet the agreed performance standards, we will fully refund the product's price. In the case of a refund, the customer will return the product to TS Global

IN THE EVENT THE CUSTOMER HAS:

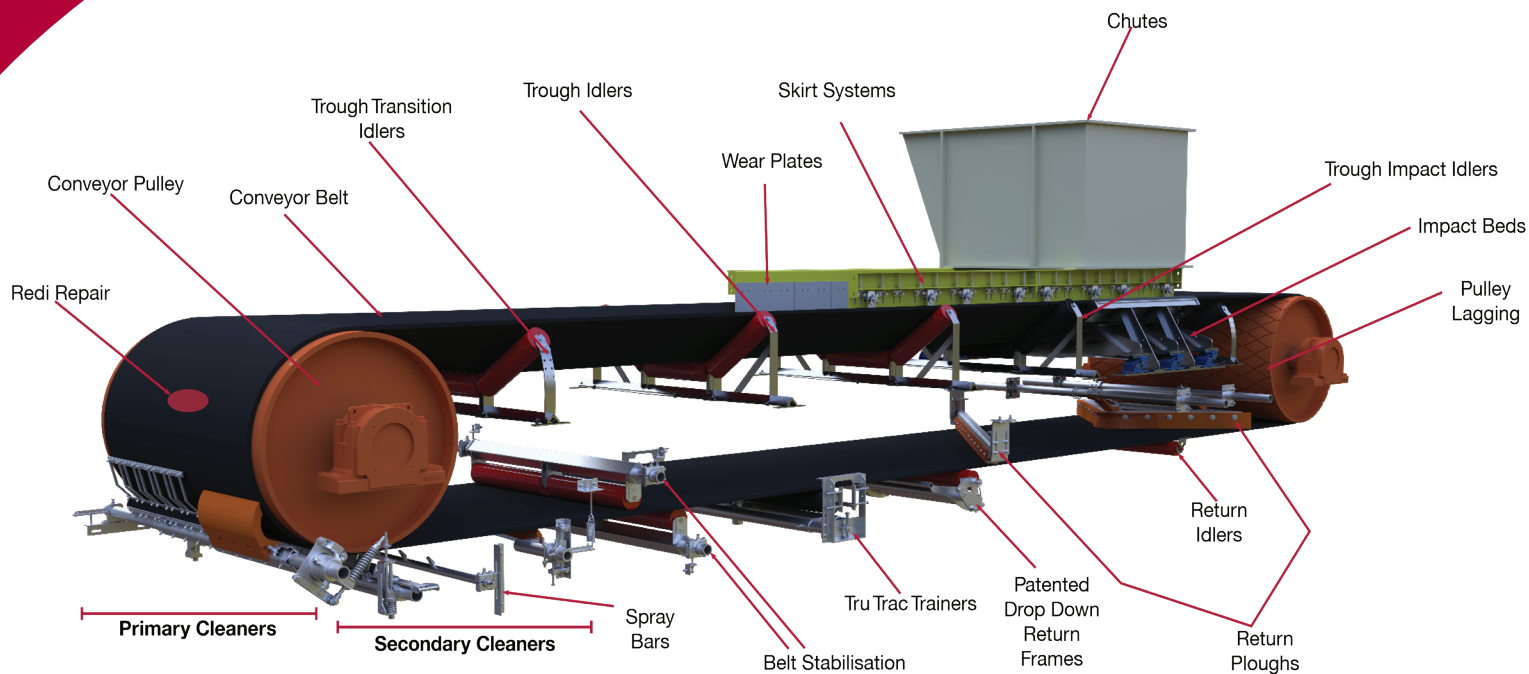
- Provided TS Global with inaccurate Information regarding product parameters at the time the product was being designed
- Altered or changed the application since the original design
- Not installed, operated, or maintained the product in accordance with the specification provided by TS Global

We will work with our client for an acceptable outcome.
However, if there is a breach the Performance Guarantee may become invalid.



TSGlobal®
Conveyor & Polyurethane Specialists

Our Range of Conveyor Products



The Proven
Industry Leader

TSGlobal®
Conveyor & Polyurethane Specialists

Accreditation

Safety and Quality

AS/NZS ISO 9001
AS/NZS ISO 45001

BUREAU VERITAS
Certification

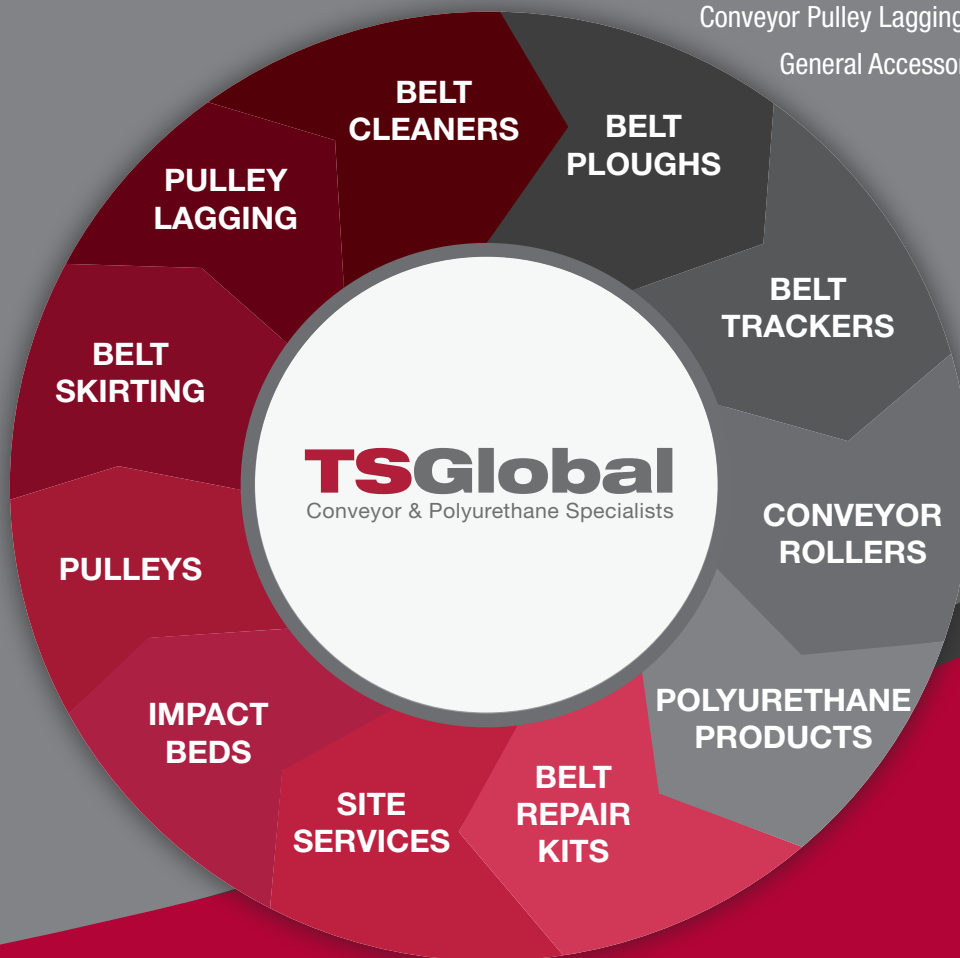


TS Global is committed to satisfying the needs of its customers in the materials handling and mining industries. We recognise customer satisfaction is essential to our continued success and commit to the proper planning and control of the company's management and operating practices. TS Global's QHSE Management System has been certified to AS/NZS ISO 9001:2015, and our Safety Management System has been certified to AS/NZS ISO 45001:2018.



CONTENTS

Conveyor Belt Cleaners	6
Primary Belt Cleaners	7
Secondary Belt Cleaners	8
Accessories	10
Conveyor Ploughs	12
Vee Ploughs	13
Diagonal Ploughs	14
Conveyor Belt Trackers	15
Conveyor Skirt Systems	18
Polyurethane Components	20
TSG Pulleys	25
Conveyor Idlers	27
RKM Rollers	28
Drop Down Frames	33
Conveyor Impact Beds	34
Conveyor Belt Repair - Redi Repair	37
Conveyor Pulley Lagging	39
General Accessories	41



We manufacture premium quality, innovative conveyor and polyurethane products and market-leading solutions.

Conveyor Belt Cleaners

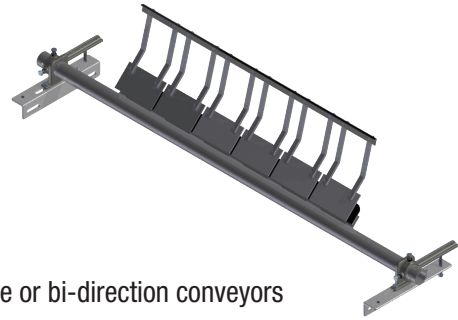


In mining operations, materials handling constitutes a significant component of production costs. Conveyors play a central role in processing, storing and transporting materials. They must operate efficiently with maximum availability and with a minimum of downtime.

To minimise carry-back under a conveyor, where room is available, our approach is to install a belt cleaning system that incorporates primary, secondary (with water where available) and tertiary belt cleaners. These will be supported by stabilising rollers that ensure that the belt cleaners operate on a flat and stable surface.

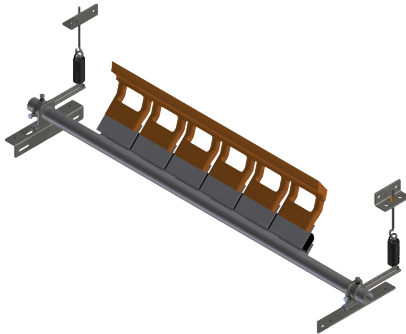
Primary Belt Cleaners

H Tungsten Belt Cleaner



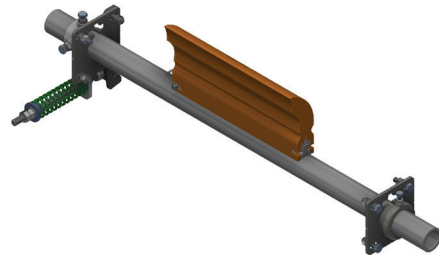
- Single or bi-direction conveyors
- Pulley diameter up to 1700mm (67")
- Belt speed up to 8.0m/s (1575ft/min)
- Vulcanised belts only
- High cleaning performance
- Long-lasting tungsten
- Available with retractable cartridge

H Polyurethane Belt Cleaner



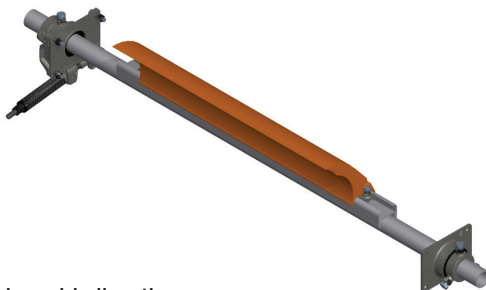
- Single or bi-direction conveyors
- Worn or damaged covers
- Pulley diameter up to 1200mm (47")
- Belt speed up to 5.5m/s (1100ft/min)
- Vulcanised or clipped conveyor belts
- Available with retractable cartridge

EP Cleaner



- Low cost
- Worn or damaged covers
- Single or bi-direction conveyors
- A continuous blade
- Pulley diameter 250-900mm (10"-35")
- Belt speed up to 4.0m/s (787ft/min)
- Vulcanised or clipped conveyor belts
- Easy to maintain

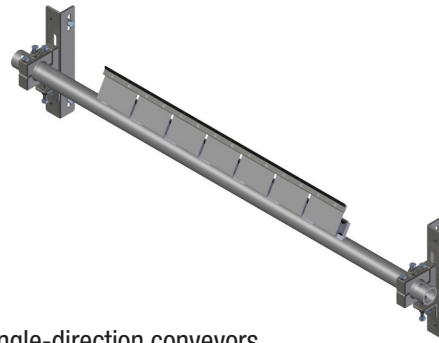
XHD Polyurethane Belt Cleaner



- Single or bi-direction conveyors
- Worn or damaged covers
- Pulley diameter up to 1200mm (47")
- Belt speed up to 5.5m/s (1100ft/min)
- Vulcanised or clipped conveyor belts
- Easy to maintain

Secondary Belt Cleaners

P Cleaner



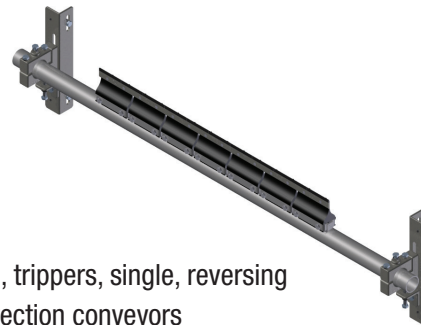
- Single-direction conveyors
- Belt speed up to 7.0m/s (1400ft/min) - tungsten; 5.5m/s (1100ft/min) - tool steel or polyurethane
- Vulcanised (tungsten) or clipped (tool steel) conveyor belts
- Available with retractable cartridge

Spray Pole P Cleaner



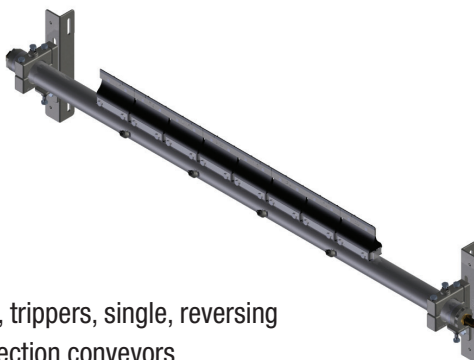
- Single-direction conveyors
- Belt speed up to 7.0m/s (1400ft/min) - tungsten
- Vulcanised (tungsten) or clipped (tool steel) conveyor belts
- High cleaning performance
- Available with retractable cartridge

R Cleaner



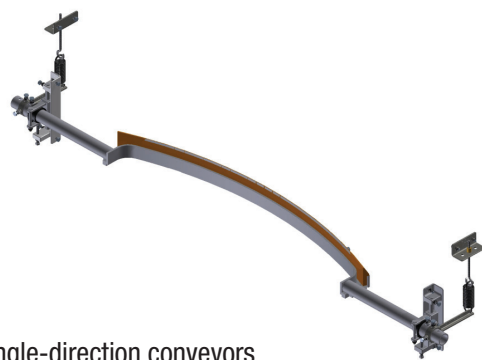
- Shuttles, trippers, single, reversing or bi-direction conveyors
- Belt speed up to 7.0m/s (1400ft/min) - tungsten; 5.5m/s (1100ft/min) - tool steel
- Vulcanised (tungsten) or clipped (tool steel) conveyor belts
- High cleaning performance
- Available with retractable cartridge

Spray Pole R Cleaner



- Shuttles, trippers, single, reversing or bi-direction conveyors
- Belt speed up to 7.0m/s (1400ft/min) - tungsten
- Vulcanised (tungsten) or clipped (tool steel) conveyor belts
- High cleaning performance
- Available with retractable cartridge

U Cleaner



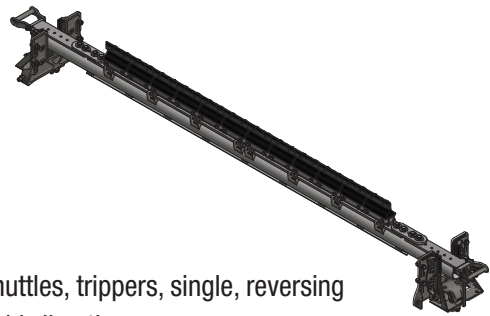
- Single-direction conveyors
- Belt speed up to 7.0m/s (1400ft/min) - tungsten; 5.5m/s (1100ft/min) - polyurethane
- Vulcanised (tungsten) or clipped (polyurethane) conveyor belts
- Easy to maintain

P Line Cleaner



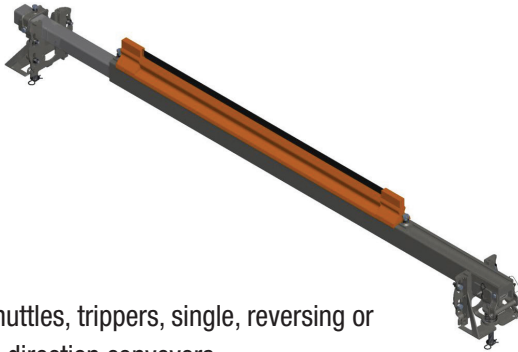
- Single-direction conveyors
- Belt speed up to 7.0m/s (1400ft/min) - tungsten; 5.5m/s (1100ft/min) - tool steel
- Vulcanised (tungsten) or clipped (tool steel) conveyor belts
- Easy to maintain due to retractable cartridge

R Line Cleaner



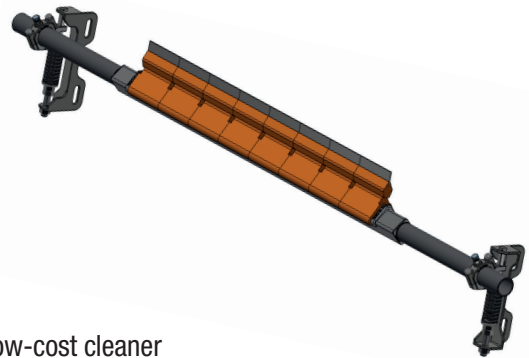
- Shuttles, trippers, single, reversing or bi-direction conveyors
- Belt speed up to 7.0m/s (1400ft/min) - tungsten; 5.5m/s (1100ft/min) - tool steel or polyurethane
- Vulcanised (tungsten) or clipped (tool steel or polyurethane) conveyor belts
- Easy to maintain due to retractable cartridge

Tuff Line Cleaner



- Shuttles, trippers, single, reversing or bi-direction conveyors
- Belt speed up to 7.0m/s (1400ft/min) - tungsten; 5.5m/s (1100ft/min) - tool steel or polyurethane
- Vulcanised (tungsten or tool steel) or clipped (tool steel or polyurethane) conveyor belts
- Easy to maintain due to retractable cartridge and slide-on blades

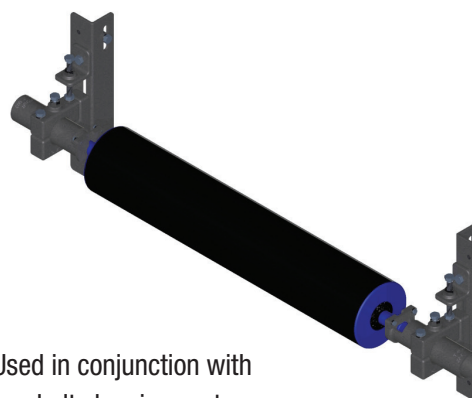
ES Cleaner



- Low-cost cleaner
- Easy to maintain due to slide-on blades
- Vulcanised (tungsten) or clipped (tool steel or polyurethane) conveyor belts
- All conveyors, including shuttles, trippers, single, reversing or bi-direction conveyors
- Belt speed up to 5.5m/s (1100ft/min)

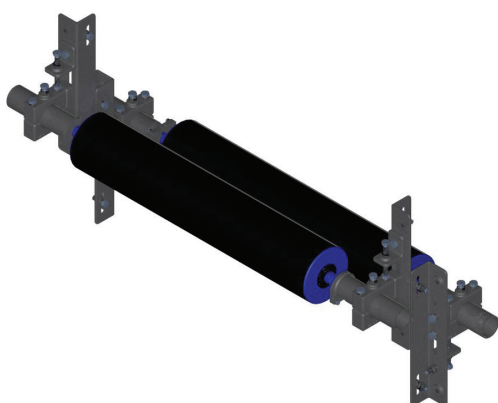
Accessories

Pressure Roller Assembly



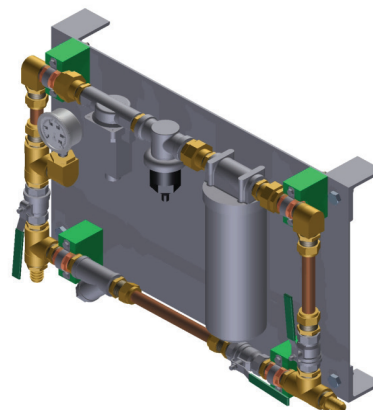
- Used in conjunction with any belt cleaning system
- Easy installation and adjustment
- Suits all rollers
- Stabilises belt for improved cleaner performance

Stabilising Roller Assembly



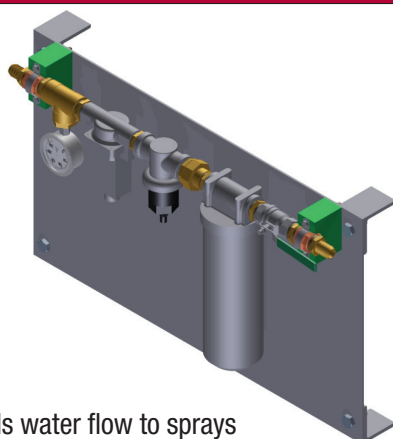
- Stabilises belt for improved cleaner performance
- Used in conjunction with any belt-cleaning system
- Easy installation and adjustment
- Suits all rollers

Water Control Unit with Bypass



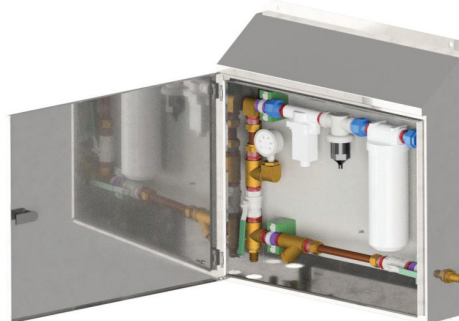
- Controls water flow to sprays
- Filters water to prevent blocked sprays
- Bypass line allows for maintenance in operation
- Regulator allows water pressure to be adjusted whilst the conveyor is operating

Water Control Unit



- Controls water flow to sprays
- Filters water to prevent blocked sprays
- Regulator allows water pressure to be adjusted whilst the conveyor is operating

Enclosed Water Control Unit with Bypass



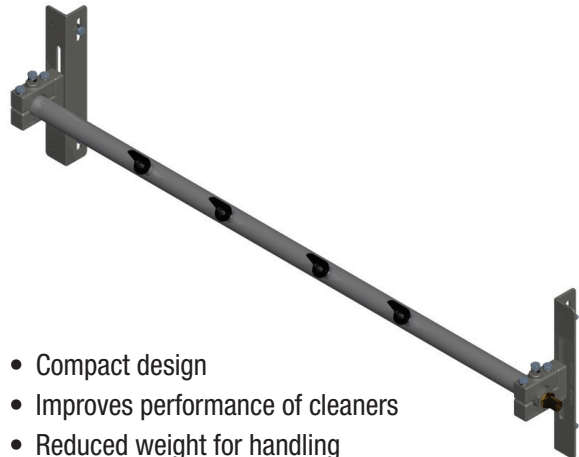
- Controls water flow to sprays
- Filters water to prevent blocked sprays
- Protected by SS304 sloped roof cabinet
- Allows water pressure to be adjusted whilst the conveyor is operating

Spray Bar with U Bolt Mounts



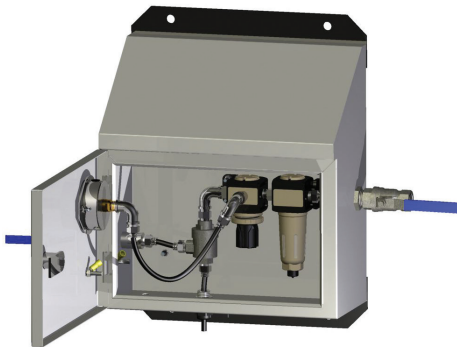
- Significantly compact design
- Improves performance of cleaners
- Reduced weight for handling
- Simple mounting arrangement

Spray Bar with Clamp Block Mounts



- Compact design
- Improves performance of cleaners
- Reduced weight for handling
- Adjustable mounting arrangement

Air Control Box Single



- Maintains constant air pressure on a single cleaner
- Enclosed by SS304 sloped roof cabinet
- Robust design

Air Control Box Double



- Maintains constant pressure on two cleaners
- Enclosed by SS304 sloped roof cabinet
- Robust design

Air Control Box Triple



- Maintains constant pressure on three cleaners
- Enclosed by SS304 sloped roof cabinet
- Robust design

Auto Tensioner

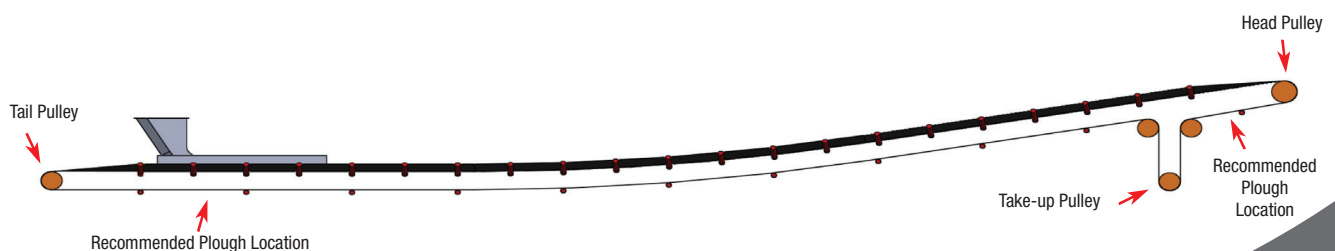


- Hydraulically operated
- No external power or air is required
- Self-adjusting
- Maintains constant pressure

Conveyor Ploughs

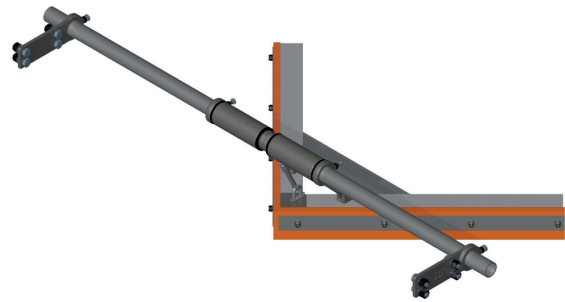


Conveyor belt ploughs are a critical component of every conveyor system. A belt plough protects capital items within your conveyor system, such as pulleys and conveyor belts. The belt plough removes any rogue product sitting on the return side of the conveyor belt. If this residual product is not removed, there is an increased risk of damage to the conveyor belt and pulley lagging. Potential also exists for build-up to occur on the pulley which can create tracking issues, increasing the risk of damage to the conveyor belt.



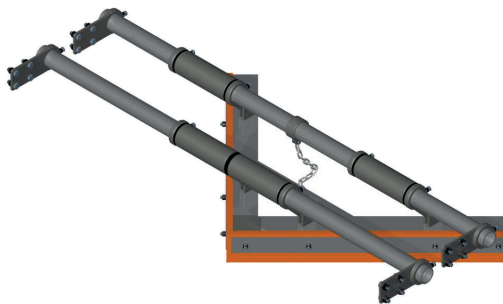
Vee Ploughs

Floating Vee Plough



- Removes material to both sides of the conveyor
- Easy installation, maintenance and self-adjusting
- Turnbuckle provides adjustment
- Link arm bushes fitted to reduce vibration
- Only used on single-direction conveyors

Floating Failsafe Vee Plough



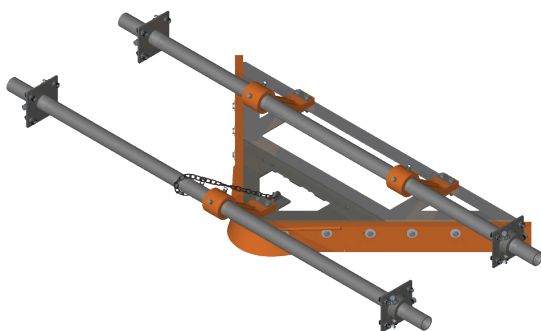
- Removes material to both sides of the conveyor
- Easy installation, maintenance and self-adjusting
- Link arm bushes fitted to reduce vibration
- Dual pole which prevents plough from flipping over
- Only used on single-direction conveyors

Floating Bullnose Vee Plough



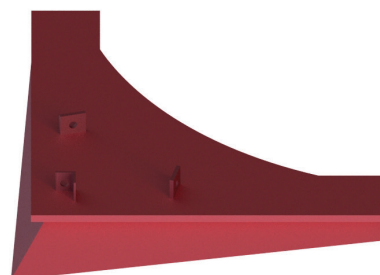
- Removes material to both sides of the conveyor
- Easy installation, maintenance and self-adjusting
- Turnbuckle provides adjustment
- Link arm bushes fitted to reduce vibration
- Bullnose eliminates wear point at the nose of the plough
- Only used on single-direction conveyors
- Available in failsafe configuration

Torsion Vee Plough



- Removes material to both sides of the conveyor
- Applies light tension to the belt in order to maintain constant pressure
- Easy installation, maintenance and self-adjusting
- Bullnose eliminates wear point at the nose of the plough
- Only used on single-direction conveyors

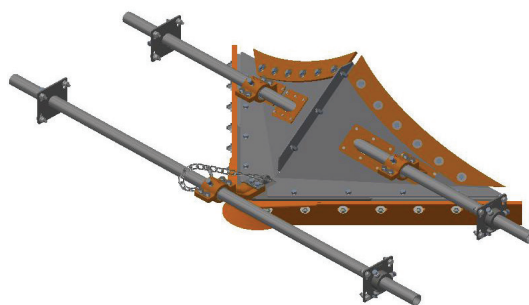
Polyurethane Vee Plough



- Removes material from both sides of the conveyor
- Free floating polyurethane
- Suits belts 1050mm to 1800mm
- Suits belt speeds exceeding 4m/s
- Fast and flexible installation
- Available in FRAS or Natural polyurethane

Hooded Vee Plough

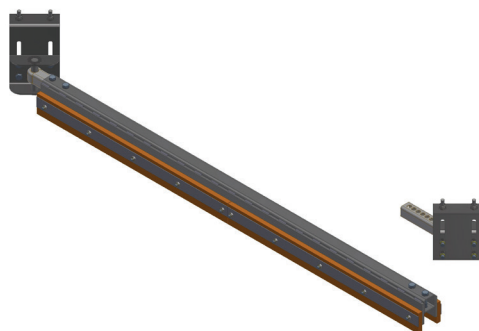
Hooded Vee Plough



- Protects rogue material
- Removes material to both sides of the conveyor
- Easy installation, maintenance and self-adjusting
- Only used on single-direction conveyors
- Available in all Vee Plough configurations

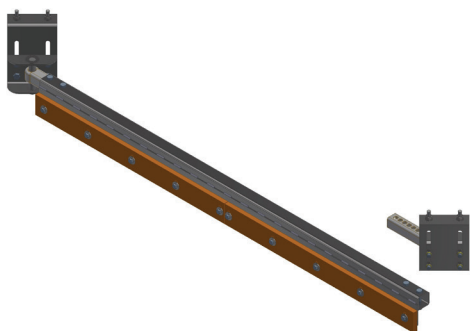
Diagonal Ploughs

Reversing Plough



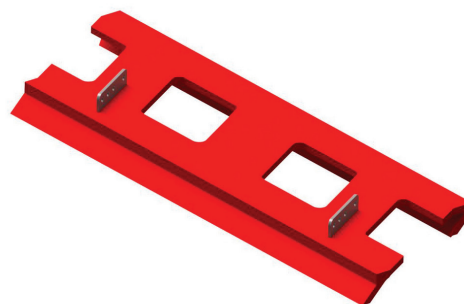
- Removes material to one side of the conveyor
- Easy installation, maintenance and self-adjusting
- Used on multi-direction conveyors

Diagonal Plough



- Removes material to one side of the conveyor
- Easy install, maintain and self-adjusting
- All available in standard and heavy duty
- Only used on single-direction conveyors

Diagonal Poly Plough



- Removes material to a single side of the conveyor
- Free floating polyurethane
- Suits belts 1050mm to 1800mm
- Suits belt speeds exceeding 4m/s
- Fast and flexible installation
- Available in FRAS or Natural polyurethane

Conveyor Belt Trackers



Conveyor belt tracking is a critical aspect of every conveyor system. Many variables within a conveyor can impact on belt trackings, such as product loading, chute design, splice/structure/pulley/idler alignment and build-up on, or worn pulley lagging. Installing belt tracking devices in strategic locations protects your conveyor belt and structure from damage due to belt wander. Keeping your belt on track eliminates any unwanted downtime impacting conveyor availability and production.

Flat Return Trackers

Standard Return



- Suitable for multi-direction conveyors
- Available with rubber or FRAS polyurethane lagging
- Suits belts up to 1200mm
- Suits belt speeds exceeding 1m/s
- Fast and flexible installation

Heavy Duty Flat Return



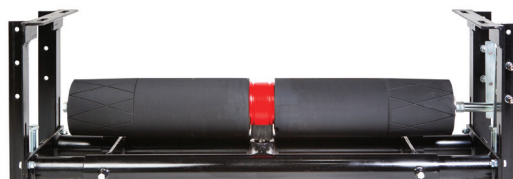
- Suitable for multi-direction conveyors
- Available with rubber or FRAS polyurethane lagging
- Suits belts up to 1500mm
- Suits belt speeds not exceeding 4m/s
- Fast and flexible installation
- Thrust and roller bearings for heavy-duty applications

Compact Dual Flat Return



- Suitable for multi-direction conveyors
- Available with rubber or FRAS polyurethane lagging
- Suits belts 1050mm to 2000mm
- Suits belt speeds exceeding 1m/s
- Fast and flexible installation

Heavy Duty Compact Dual Flat Return



- Suitable for multi-direction conveyors
- Available with rubber or FRAS polyurethane lagging
- Suits belts 1050mm to 2600mm
- Suits belt speeds exceeding 4m/s
- Fast and flexible installation
- Suitable for use in heavy-duty or high-speed applications

Low Speed Flat Return



- Suitable for single-direction conveyors
- Available with rubber or FRAS polyurethane lagging
- Suits belts up to 1500mm
- Suits belt speeds slower than 1m/s
- Fast and flexible installation
- Guide roller contacts belt at between 30° and 45° angle reducing stress on the belt edge

Low Speed Compact Dual Return



- Suitable for single-direction conveyors
- Available with rubber or FRAS polyurethane lagging
- Suits belts up to 1050mm to 2600mm
- Suits belt speeds slower than 1m/s
- Fast and flexible installation
- Guide roller contacts belt at between 30° and 45° angle reducing stress on the belt edge

Vee Return Trackers

Compact Vee Return



- Suitable for multi-direction conveyors
- Available with rubber or FRAS polyurethane lagging
- Suits belts 1050mm to 2000mm
- Suits belt speeds exceeding 1m/s
- Fast and flexible installation

Heavy Duty Compact Vee Return



- Suitable for multi-direction conveyors
- Available with rubber or FRAS polyurethane lagging
- Suits belts 1050mm to 2600mm
- Suits belt speeds exceeding 4m/s
- Fast and flexible installation
- Thrust and roller bearings when belt speed exceeds 4m/s

Trough Trackers

Standard Taper Trough



- Suitable for multi-direction conveyors
- Available with rubber or FRAS polyurethane lagging
- Suits belts 450mm - 800mm
- Suits belt speeds up to 3m/s
- Fast and flexible installation

Heavy Duty Taper Trough



- Suitable for multi-direction conveyors
- Available with rubber or FRAS polyurethane lagging
- Suits belts 900mm - 1350mm
- Suits belt speeds up to 4m/s
- Fast and flexible installation

XHD Taper Trough



- Suitable for multi-direction conveyors
- Available with polyurethane or FRAS rubber lagging
- Suits belts 1500mm-1800mm
- Suits belt speeds exceeding 4m/s
- Fast and flexible installation

Extreme Taper Trough



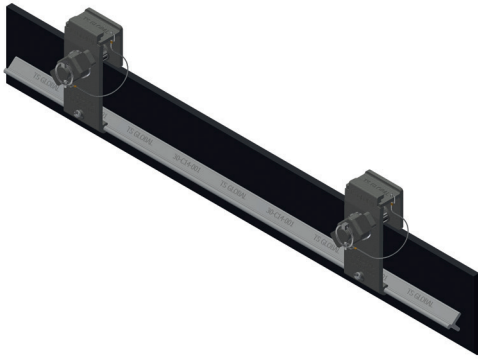
- Suitable for multi-direction conveyors
- Available with polyurethane or FRAS rubber lagging
- Suits belts 1800mm-2800mm
- Suits belt speeds exceeding 5m/s
- Fast and flexible installation

Conveyor Skirt Systems



When operating a conveyor system, product losses due to spillage around a transfer point will occur if not correctly retained. This spillage will impact the environment and equipment life and increase site hazards and operational costs. By understanding the product being conveyed, we can design solutions that will significantly improve your conveyor performance.

TuffClamp Skirt System



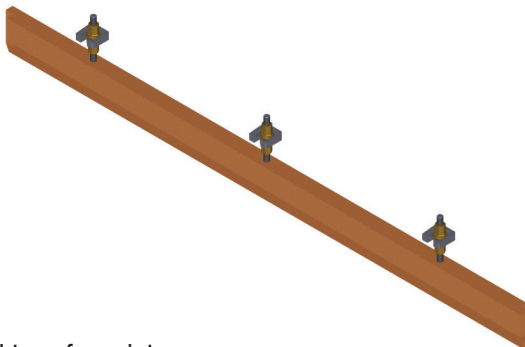
- All transfer points
- Flexible installation
- Easy adjustment/replacement
- Clamp rail positively retained

TuffLock Skirt System



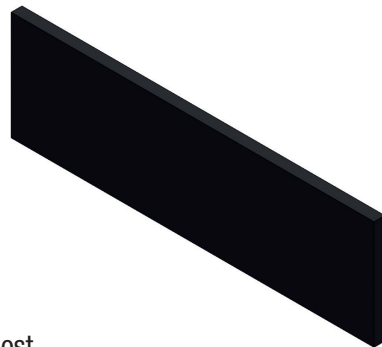
- All transfer points
- Simple adjustment/replacement
- Robust design

Rigid Poly Skirt System



- All transfer points
- Flexible installation
- Easy adjustment/replacement
- High abrasion resistance
- 85 shore A durometer (other durometers available on request)

Rubber Skirt



- Low cost
- Available in 30m (100ft) rolls
- 65 durometer standard (other durometers available on request)
- Available in a range of thicknesses and widths

Polyurethane Skirt



- High abrasion resistance
- 63 shore A durometer standard (other durometers available)
- Available in 30m (100ft) rolls
- Available in a range of thicknesses and widths
- Available with 45° bevelled edge
- Available in FRAS

Custom Skirting Systems



- Custom design and manufacture options available

Polyurethane



APM
Poly Products

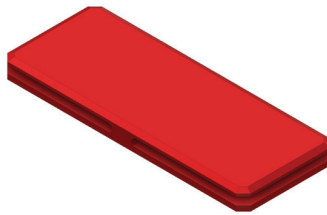
TS Global manufactures a comprehensive range of custom polyurethane products. With a large inventory of high-quality polyurethane materials at our disposal that offer a varied hardness and performance range. Enabling us to design and manufacture products resistant to abrasion, impact, tearing, weight-bearing loads & fluid immersion when required.

TS Global also specialises in manufacturing certified Fire Resistant/Anti-static (FRAS) polyurethane products for underground applications requiring self-extinguishing and reduced electrical resistance properties.

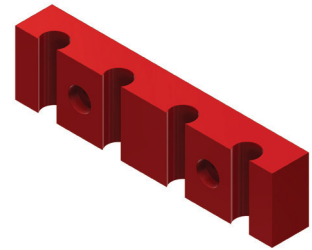
Longwall Polyurethane Components



Handrail Bridging Pins



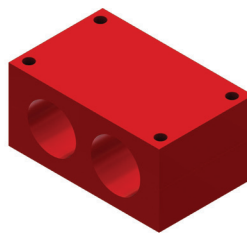
Spill Tray/Pan-line Inserts



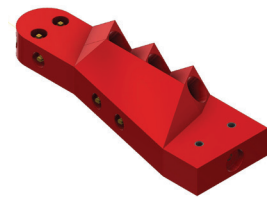
Magnetic Drill Steel Holder



Pontoon/Walkway Plugs



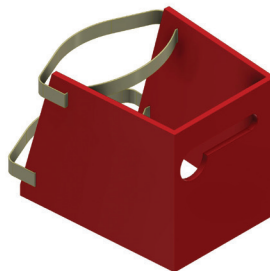
Hose & Cable Clamps



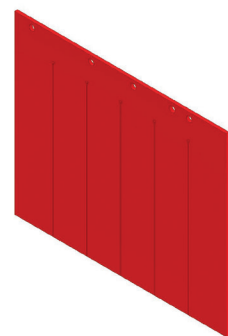
Shearer Clearer



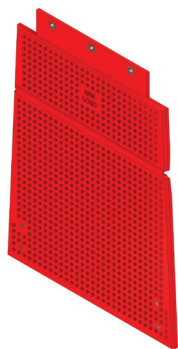
Anti-Hose Migration Clamps



Roof Support Cylinder Covers



Dust Curtains

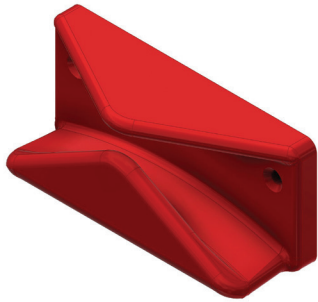


Non-Slip Tread Plates

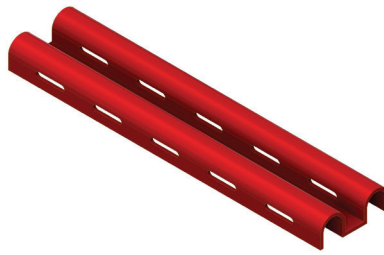


Hose Manifold Covers

Development Polyurethane Components



Back Spool Device



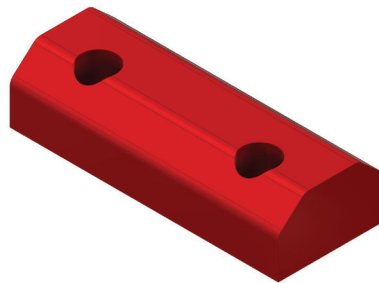
Cable Protectors
(Available in single or double)



Lanyard Support Brackets



Magnetic Dolly Holders



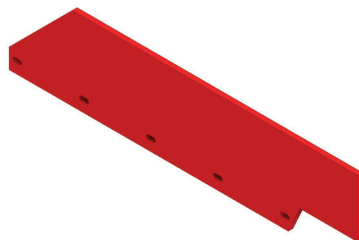
Bumper Bars



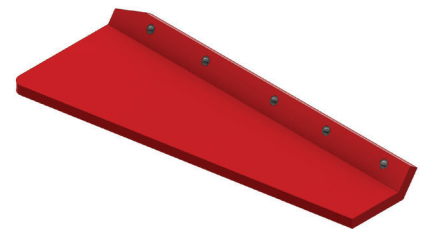
Magnetic Roof Mesh Carriers



Magnetic TRS Support Pads



Shuttle Car Hungry Boards



Miner Shovel Wing Extensions



Drill Rig Manifold Covers

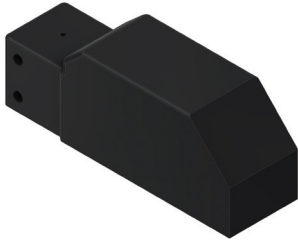


Rotation Motor Covers

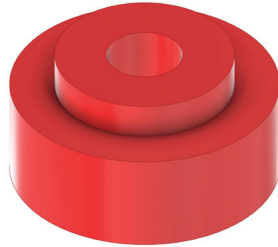


Rib Protection Sprags

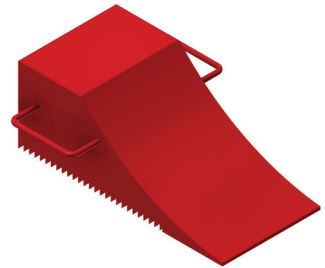
Diesel/Drift/Conveyor Polyurethane Components



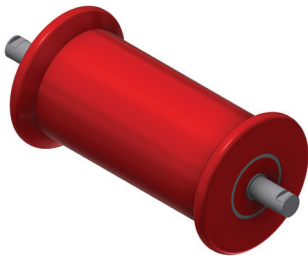
SMV/PJB Bumper Bars



Suspension Bushes



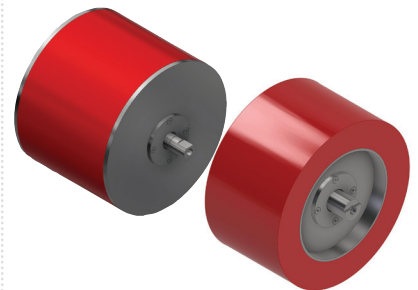
Wheel Chocks



Drift Rope Rollers



Gantry Pulleys



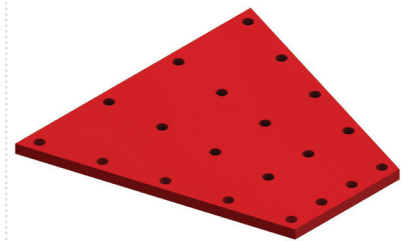
Brow Rollers



Safety Tag/Document Holders



Drift Wire Rope Guides



Boot End Impact Deck Liners



Boom Bump Stops



Dolly Car Seats



Disc Trackers

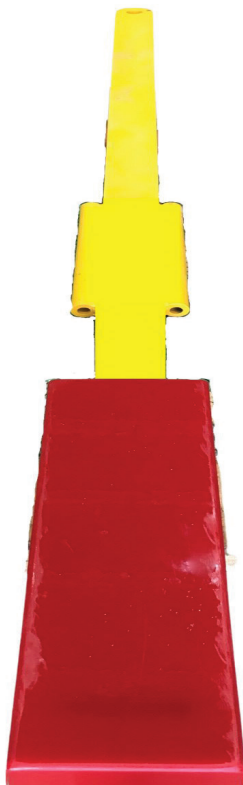
Polyurethane Sheets and Strips

Our in-house engineering team allows us to provide clients with innovative and custom-designed polyurethane products for any application. We do this using specialised moulding techniques, including single-use polymer moulds through to long-life aluminium moulds.

With an extensive range of custom-built polyurethane ovens, we can manufacture parts up to 6 metres in length, 3 metres wide and up to 3 metres high. Customised strips can be manufactured to any size by joining with approved methods. Our polyurethane sheets/strips range are available in various grades, including FRAS-approved products.



Rock Ejector with Polyurethane Impact Pad



Manufactured in our Tomago NSW workshop, Rock Ejectors are made from locally sourced, high-quality materials and meet all aspects of Australian Standards. TS Global Rock Ejectors feature a unique design encased with polyurethane to allow extended life. We can manufacture customised ejectors to clients' requirements.

- Reduced Noise - Traditional steel rock ejectors are loud when they come into contact with truck rims and tyres
- Increased Wear Life - Polyurethane rock ejectors are coated with a poly impact pad, decreasing the chances of damage to truck rims and tyres
- Decreased Down Time - Maintenance efficiencies are improved, and less downtime is achieved

Conveyor Pulleys



TSG
Pulleys

We provide various pulley services, including design, manufacture, refurbishment, and machining. We supply a Quality Assurance Report, Material Certification and Non-Destructive Testing as standard with every manufacture and refurbishment. In addition, we can also offer Inspection Test Plans (ITP) and Manufacturers' Data Report (MDR) along with any other testing, as requested.

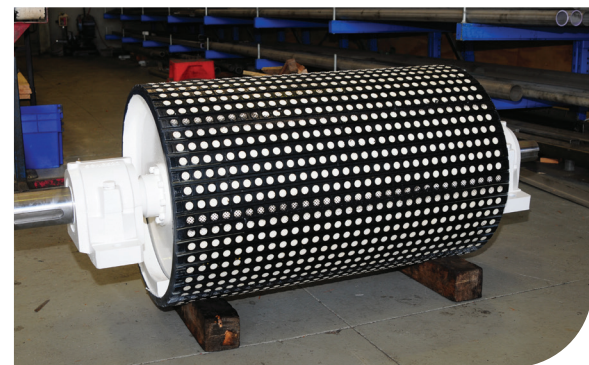
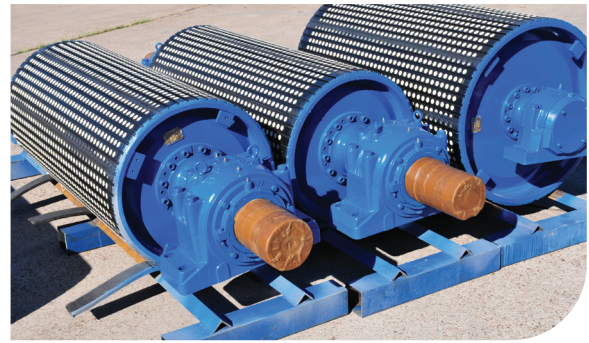
Designed with years of industry experience, TS Global pulleys will maximise your conveyor availability and reduce the total cost of ownership.

Conveyor Pulleys

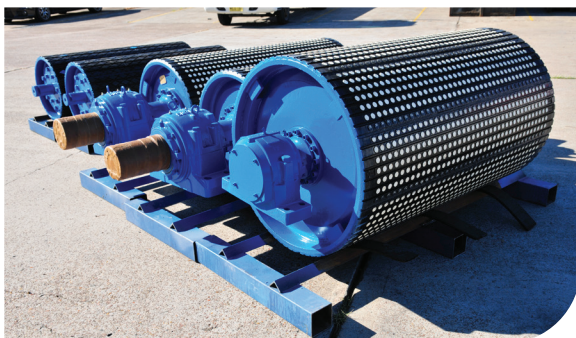
TSG Pulleys can be manufactured to client-specific requirements, or we can provide an application-specific solution via our pulley design software. This software incorporates finite element analysis on all parameters of the pulley and ensures that the TSG Pulleys provide our clients with a cost-effective, robust and reliable product.

Manufactured in our Tomago NSW workshop, TSG Pulleys are made from locally sourced, high-quality materials and meet all aspects of Australian Standards. Our pulley range includes drive and non-drive pulleys, and these can be supplied with a range of lagging options and bearing configurations.

All TSG Pulleys are test run within our facility for a minimum of four hours before dispatch. During this testing phase, bearing temperatures are monitored, and vibration analysis is undertaken to ensure the pulley is defect free. A pulley report is provided to our clients with a summary of all materials used, critical parameters and testing summary to allow full traceability under our ISO Quality Certified system.



Pulley Refurbishment



We provide a cost-effective refurbishment service that delivers our clients with a pulley that will perform optimally. This service is equipped with a rapid response time, minimising the impact on our clients.

Our services include:

- Strip, inspect and capture critical measurements
- Detailed condition report and estimate
- Sourcing of quality parts and materials
- Assembly by our specialised technicians
- Lagging to customer specifications
- Testing in our unique, dynamic test rig

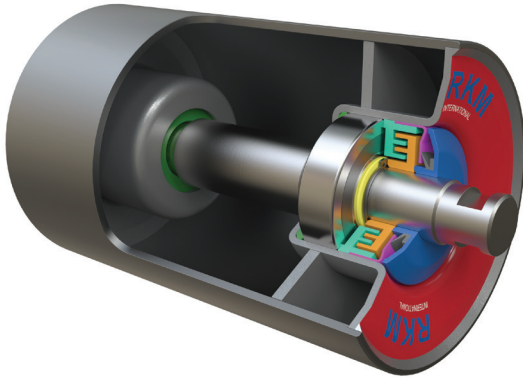
Conveyor Idlers



We have the knowledge and proven ability to support your needs with our world-class testing laboratory, in-house custom design calculation program, 3rd party independent testing and ongoing research and development projects on all conveyor idlers.

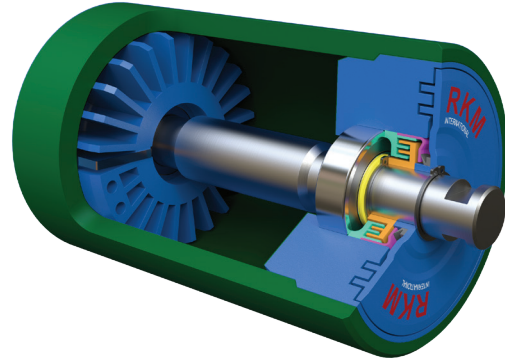
TS Global is proud to represent RKM and lead the way in the design, performance, supply and manufacturing of conveyor idlers and mine structures. With over 35 years of engineering experience in the conveyor industry, the extensive range of RKM rollers in stock are well equipped to provide your ideal tailored engineering solution.

Steel Roller



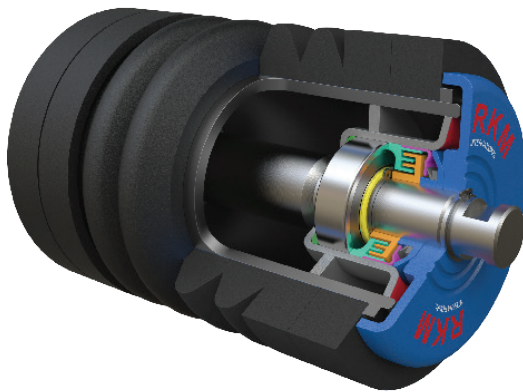
- Low cost
- High strength
- Excellent abrasion resistance
- Excellent deflection qualities
- Available in solid or hollow shafts
- Commonly used in all applications

Polyvinyl Chloride (PVC) Roller



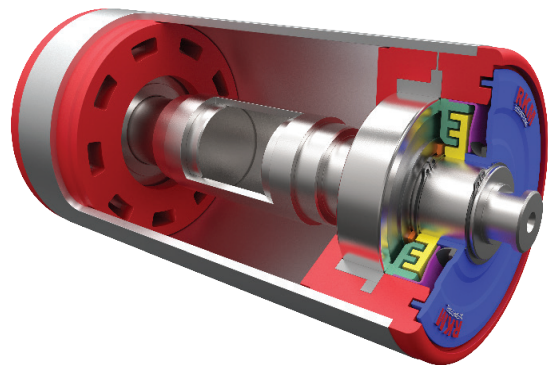
- Lightweight and low noise
- Excellent abrasion resistance
- Best-in-class deflection qualities
- Non-magnetic and repels build-up
- Precision machined and dynamically balanced
- Available in solid or hollow shafts
- Commonly used in areas where noise and vibration are an issue

Standard Impact Roller



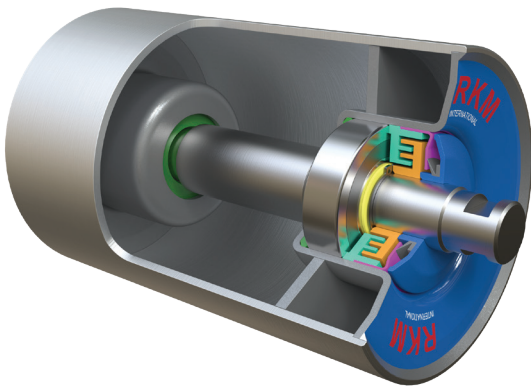
- Good impact load dampening
- Excellent abrasion resistance
- Excellent deflection qualities
- Available in natural/FRAS rubber or polyurethane disc
- Available in solid or hollow shafts
- Commonly used in impact areas

Aluminium Roller



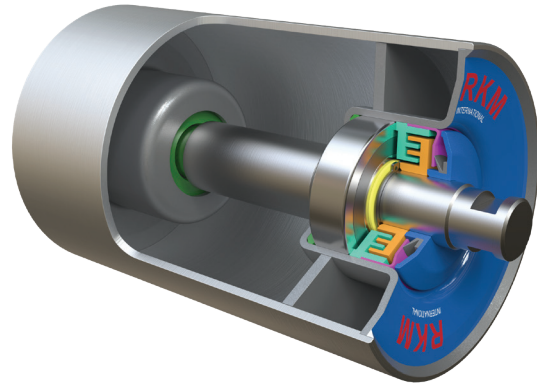
- Lightweight and low noise
- Good abrasion resistance
- Good deflection qualities
- Non-magnetic and repels build-up
- Precision machined and dynamically balanced
- Available in solid or hollow shafts
- Commonly used in areas where noise, vibration and corrosion are an issue

Low Noise Roller



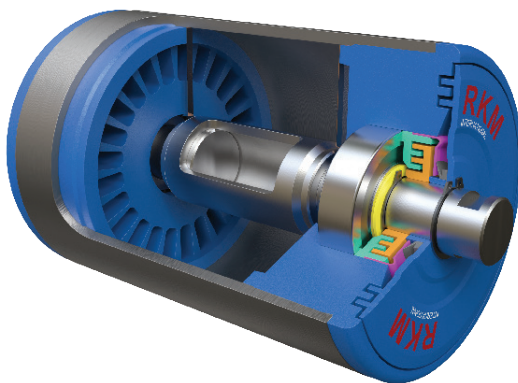
- Excellent abrasion resistance
- Excellent deflection qualities
- Reduced vibration
- Increased bearing life
- Precision machined to fit the end housing to ensure concentricity
- Available in solid or hollow shafts
- Commonly used in areas where noise and vibration are an issue

Weigh Roller



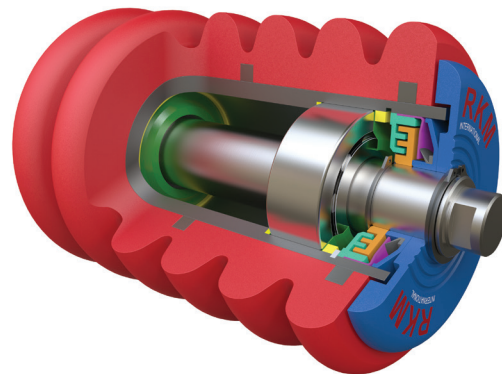
- Excellent abrasion resistance
- Excellent deflection qualities
- Reduced vibration
- Increased bearing life
- Precision machined to fit the end housing to ensure concentricity
- Supplied with jacking screws
- Available in solid or hollow shafts
- Commonly used in weightometer applications

Steel Composite Roller



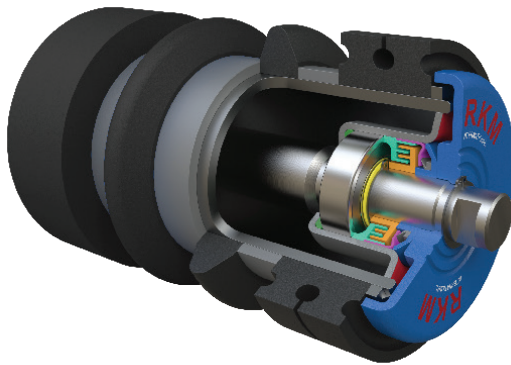
- Excellent abrasion resistance
- Excellent deflection qualities
- Reduced vibration
- Increased bearing life
- Precision machined to fit the end housing to ensure concentricity
- Available in solid or hollow shafts
- Commonly used in areas where noise and vibration are an issue

Heavy Duty Impact Roller



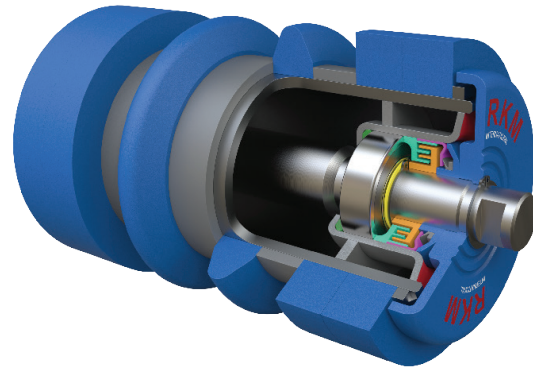
- Excellent impact load dampening
- Excellent abrasion resistance
- Excellent deflection qualities
- Effective in dampening load and hence improving the life span of roller in a high impact zone
- Available in natural/FRAS rubber or polyurethane disc
- Available in solid or hollow shafts
- Commonly used in high-loading environments

Rubber Disc Return Roller



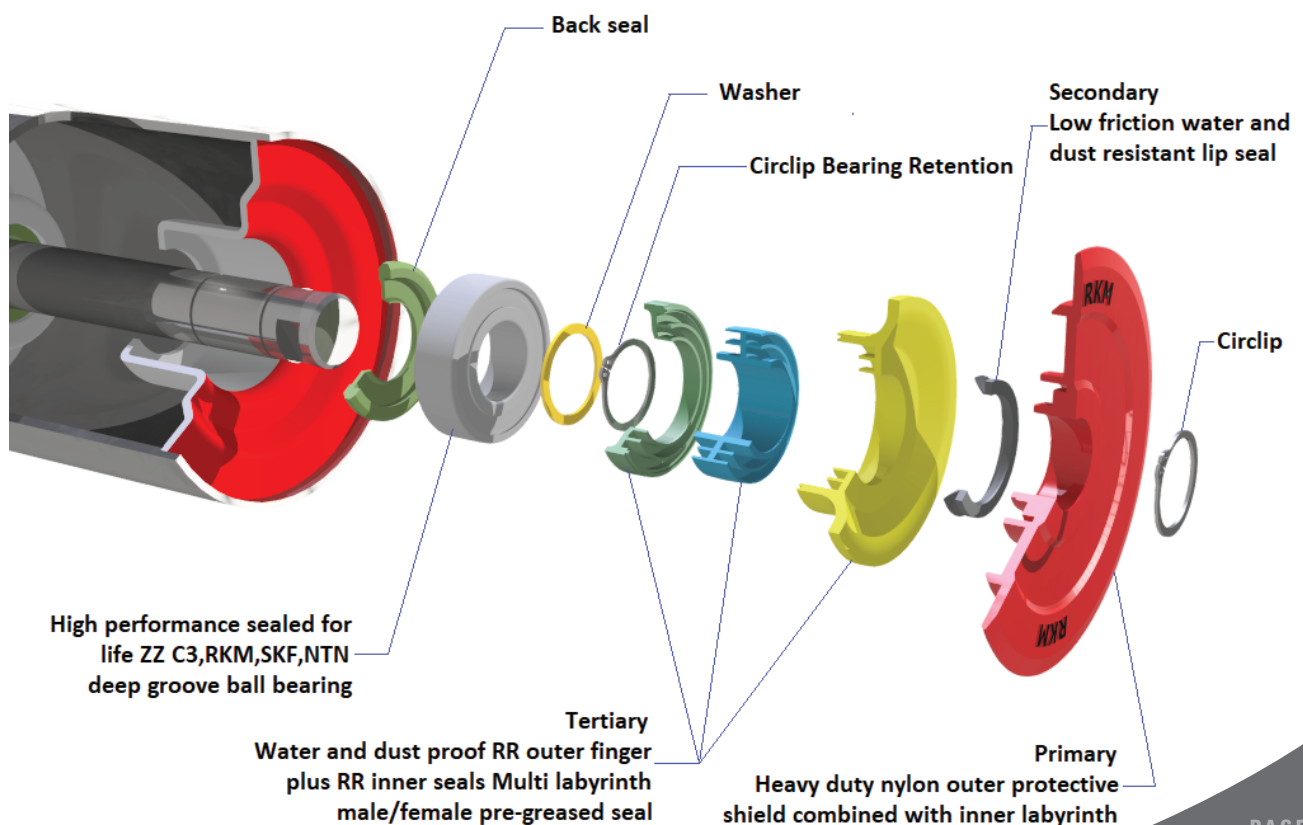
- Good abrasion resistance
- Excellent deflection qualities
- Available in natural or FRAS
- Available in solid or hollow shafts
- Commonly used in applications where excessive carry-back is an issue

Polyurethane Disc Return Roller



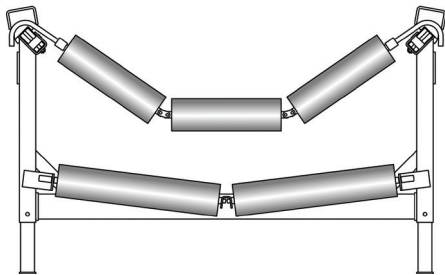
- Excellent abrasion resistance
- Excellent deflection qualities
- Available in natural or FRAS
- Available in solid or hollow shafts
- Commonly used in applications where excessive carry-back is an issue

Optional Premium RR Seal Package



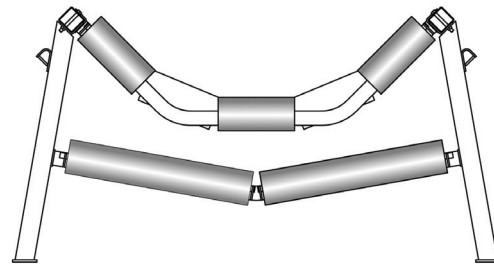
Underground Structure

Maingate Structure



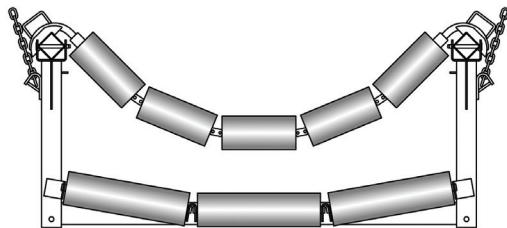
- Floor-mounted and roof-mounted design
- Available with 2-roll, 3-roll, 4-roll or 5-roll options
- Galvanised or stainless steel
- 1200BW - 1800BW designs

Trunk Structure



- Floor-mounted and roof-mounted design
- Available with 2-roll, 3-roll, 4-roll or 5-roll options
- Galvanised or stainless steel
- H-frame or A-frame return frame designs

Special Structure Designs

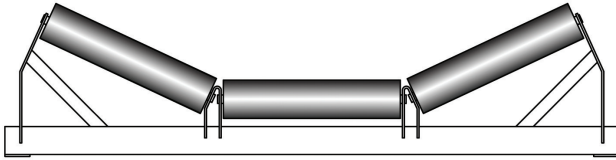


- Floor-mounted and roof-mounted design
- Available with 2-roll, 3-roll, 4-roll or 5-roll options
- Galvanised or stainless steel
- 1200BW - 1800BW designs



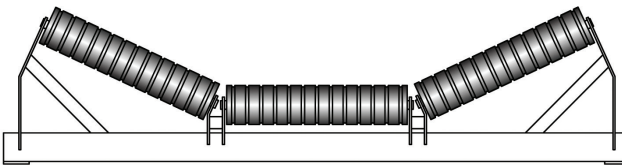
Idler Frames

Trough Frame



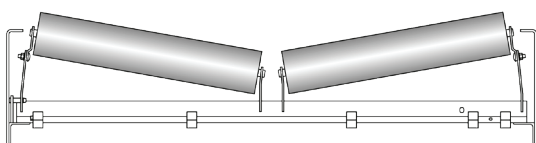
- Available as standard, retractable, drop-down, suspended or trough
- Galvanised or stainless steel
- Angle transom or tubular transom
- Inline or offset
- Available with 2-roll, 3-roll, 4-roll, 5-roll, 6-roll (drop-down) and 10-roll (drop-down) options

Impact Frame



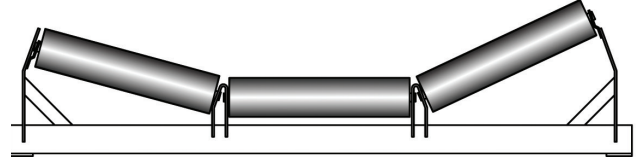
- Available as impact trough, retractable impact, dropdown impact or suspended impact frame
- Galvanised or stainless steel
- Angle transom or tubular transom
- Inline or offset
- Available with 2-roll, 3-roll, 4-roll, 5-roll, 6-roll (drop-down) and 10-roll (drop-down) options

Vee Return Retractable Frame



- Available as standard, retractable, suspended and Inverted
- Galvanised or stainless steel
- Angle transom or tubular transom
- Inline or offset
- Available with 2-roll, 3-roll, 4-roll options

Transition Frame



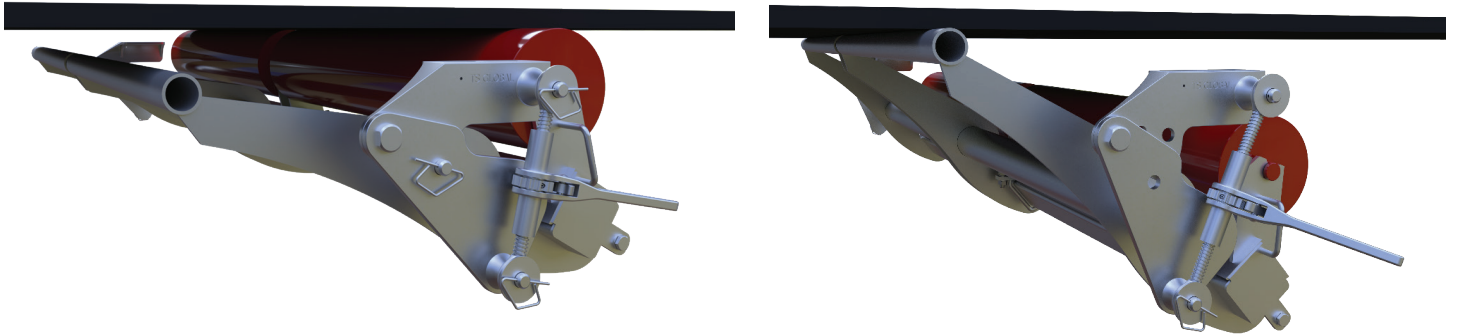
- Standard and retractable
- Galvanised or stainless steel
- Angle or transom or tubular transom
- Inline or offset
- Fast and flexible installation
- Available with 2-roll, 3-roll, 4-roll, 5-roll, 6-roll and 10-roll options

Flat Frame



- Available as standard, retractable and suspended
- Galvanised or stainless steel
- Angle transom or tubular transom
- Inline or offset
- Available with 2-roll, 3-roll, 4-roll options

Protector Frame (Patent Pending)

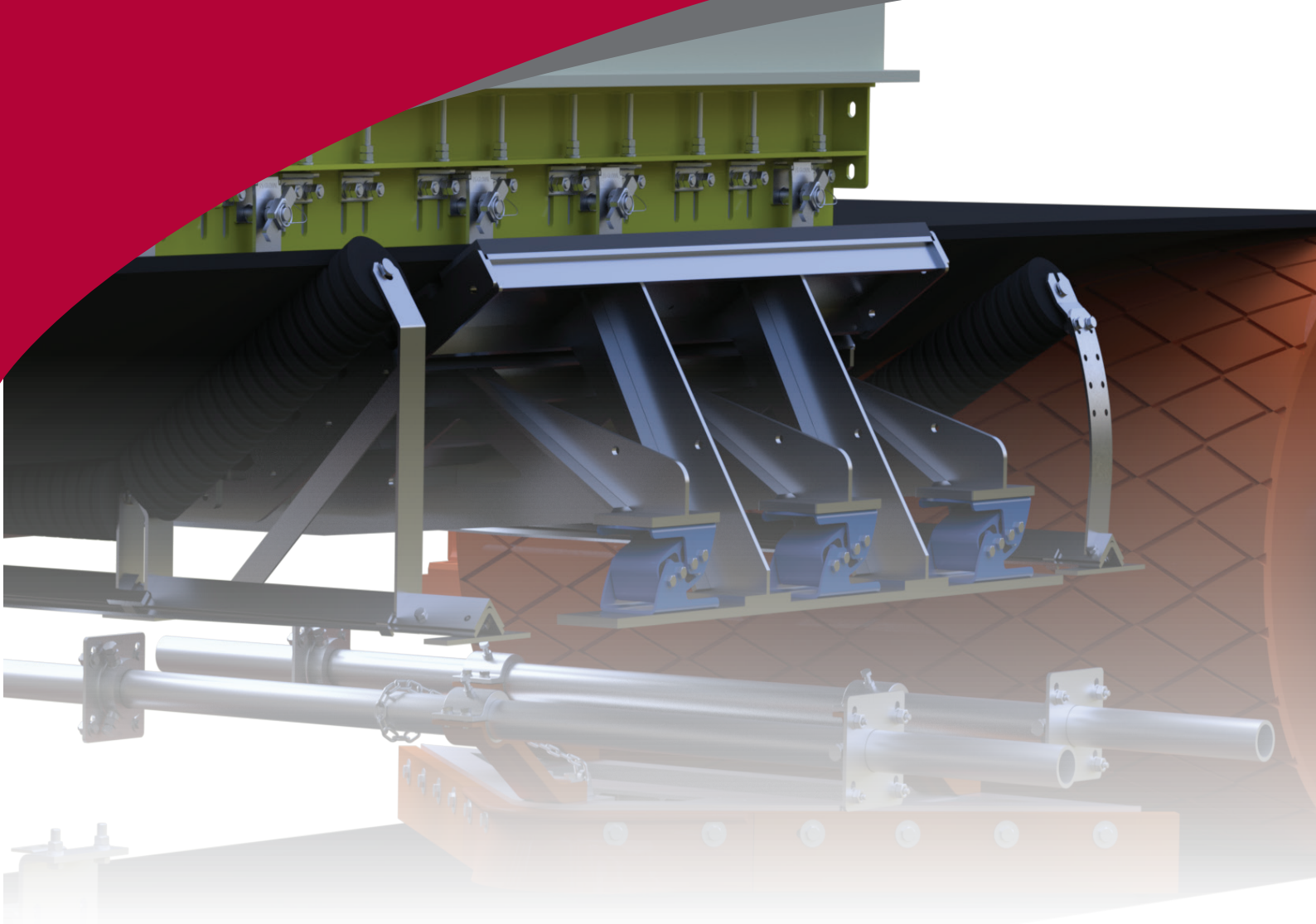


TS Global has engineered an innovative market-first product to address the ongoing needs of conveyor roller maintenance. This Patent Pending Ratchet Retractable Drop Down Frame (Protector Frame) can be installed in place of any existing return frame. Implementation of this device eliminates the need for mechanical aids and reduces manual handling risks.

The main feature of this frame includes a belt support bar that enables efficient operation and maintenance of return rollers. The frame utilises a unique bracket allowing the structure to be engaged by a ratchet mechanism, lifting the support bar to contact the conveyor belt and create sufficient access to the return roller for the maintenance task.

These frames are custom manufactured and can be tailored to existing site dimensions. Available in mild or stainless steel.

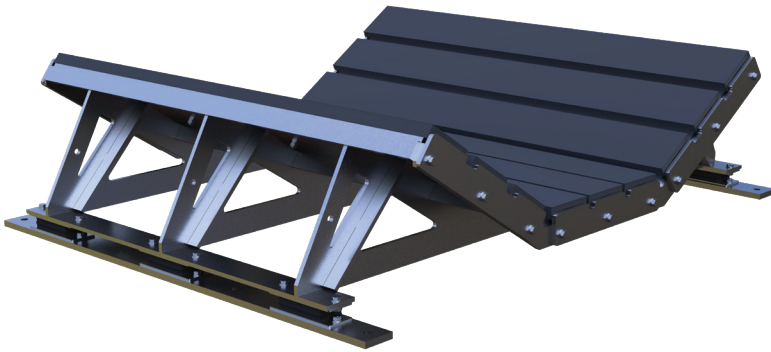
Conveyor Impact Beds



“Defender” Impact Beds can be installed at the loading zone/s of any conveyor in place of traditional impact idlers. They are designed to perform two functions. The primary function is to absorb the forces applied onto the belt via the transfer of product from one conveyor to another. The secondary role is to eliminate belt sag encountered using traditional impact idlers.

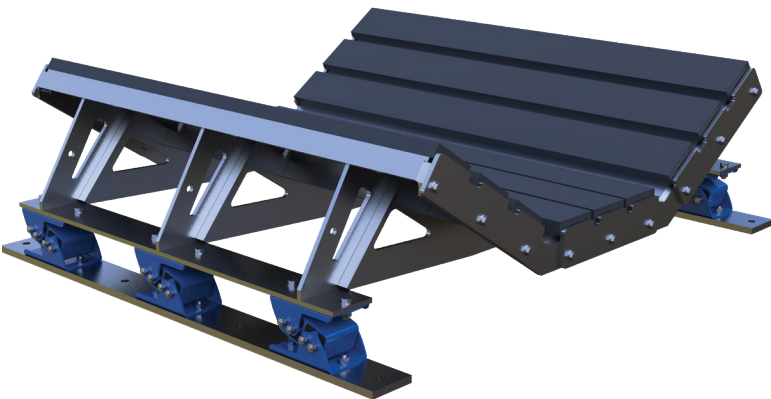
The impact bars provide a flat and stable surface to allow effective skirt sealing, which minimises the emission of dust into the environment and around the conveyor.

Standard Defender



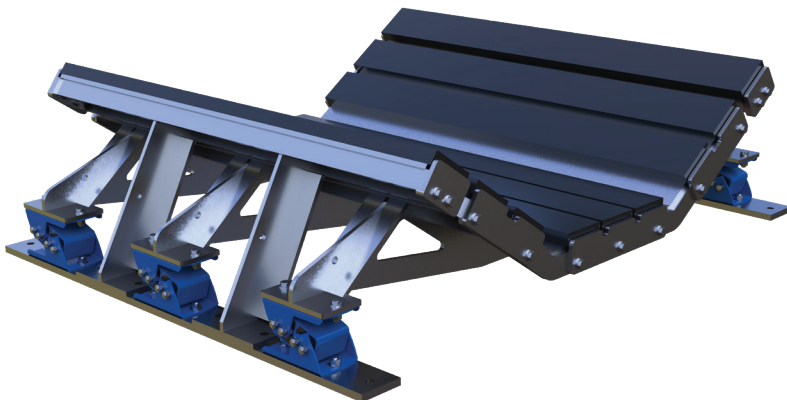
- Mackay mount for shock absorption
- Unique UHMPE slider bars
- Innovative button slider bar retention system
- Available in mild or stainless steel
- Available in 3-roll or 5-roll configuration
- Designed and manufactured to suit existing site dimensions
- Available in Hybrid (Impact rollers in centre position)

Dynamic Defender



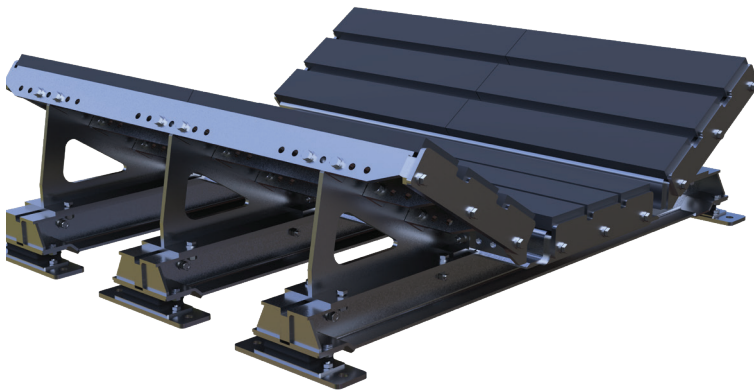
- Rosta mount for shock absorption
- Unique UHMPE slider bars
- Innovative button slider bar retention system
- Available in mild or stainless steel
- Available in 3-roll or 5-roll configuration
- Designed and manufactured to suit existing site dimensions
- Available in Hybrid (Impact rollers in centre position)

Dynamic Fixed Wing Defender



- Rosta mount for shock absorption
- Fixed wing to maintain a seal on the skirt system
- Unique UHMPE slider bars
- Innovative button slider bar retention system
- Available in mild or stainless steel
- Available in 3-roll or 5-roll configuration
- Designed and manufactured to suit existing site dimensions
- Available in Hybrid (Impact rollers in centre position)

Dynamic Retractable Defender



- Mackay mount for shock absorption
- Retractable design for ease of maintenance
- Unique UHMPE slider bars
- Innovative button slider bar retention system
- Available in mild or stainless steel
- available in 3-roll or 5-roll configuration
- Designed and manufactured to suit existing site dimensions
- Available in Hybrid (Impact rollers in centre position)

Conveyor Belt Repair



-Redi[®]
REPAIR

Our range of belt repair products provides a simple, fast curing and cost-effective solution to repairing a damaged or torn conveyor belt. The repair kits are two parts, 100% solids polyurethane compound for the rapid repair of rubber (fabric and steel cord) and PVC (solid woven) conveyor belts and linings. It is fast curing and provides an engineered grade bond extending the belt's life with minimal downtime.

Redi Repair Natural 85



- Fast curing
- Self-mixing
- Cost efficient
- High-quality bond
- High viscosity

Redi Repair Primer N85



- Single-part, single-coat primer
- Fast drying
- Prepares belt surface for repair
- Engineered grade bond

Redi Repair Cleaning Solution



- Cleans contaminants from belt surface
- Prepares surface for primer application

Accessories



- Manual or battery caulking guns
- Static mixing nozzles
- Steel/plastic scrapers

Redi Repair Kit



Kit includes:

- 1100g Redi Repair
- 250ml Redi Repair cleaning solution
- 250ml Redi Repair primer
- Paintbrush
- 150mm plastic scraper
- Static mixing nozzle
- Rubber gloves

Conveyor Pulley Lagging



Pulley lagging is a critical component of every conveyor system. Selecting the correct lagging type protects against wear to capital items within your conveyor system, such as pulleys and conveyor belts. Using incorrect lagging or no lagging will accentuate wear to the pulley shell or the return belt cover.

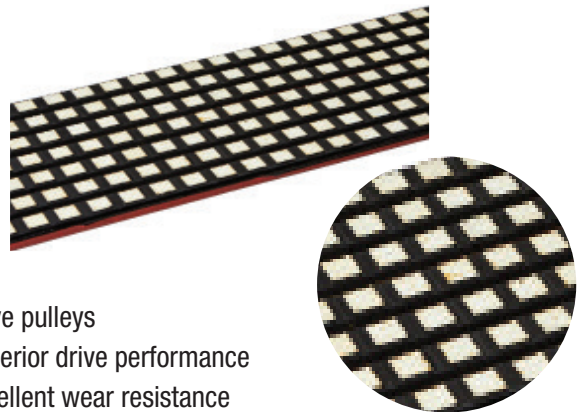
Additionally, pulley lagging increases the capacity of a drive pulley within a conveyor system. The pattern within the lagging assists with the shedding of water and fines, minimising build-up on the pulleys and reducing the risk of damage due to poor tracking.

Rubber Strip Lagging



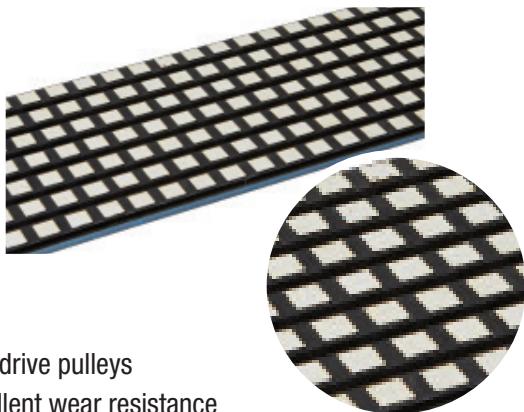
- Drive and non-drive pulleys
- High shedding capabilities
- High abrasive resistance
- Improved drive performance
- Available in 6.5m (22ft) strips or 85m (279ft) rolls
- Available in Natural and FRAS/MSHA

Ceramic Drive Strip Lagging



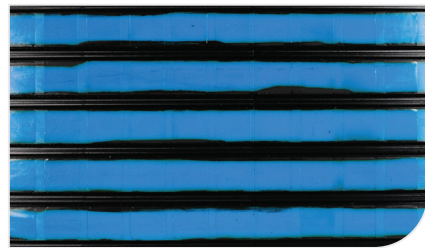
- Drive pulleys
- Superior drive performance
- Excellent wear resistance
- Available in strips or 65m (213ft) rolls
- Tile bonded back and side face creating a rubber tear bond
- Available in Natural and FRAS/MSHA

Ceramic Non-Drive Strip Lagging



- Non-drive pulleys
- Excellent wear resistance
- Available in strips or 65m (213ft) rolls
- Tile bonded back and side face creating a rubber tear bond
- Available in Natural and FRAS/MSHA

Polyurethane Strip Lagging



- Non-drive pulleys
- Excellent abrasion resistance
- Good shedding performance
- Available in 6.5m (22ft) rolls
- Rubber tear bond between poly strip and backing rubber

Polyurethane Hot Cast Lagging (Australia only)



- Non-drive pulleys
- Excellent abrasion resistance
- Eliminate joints
- Hot cast for superior adhesion
- TIR machined to reduce noise

General Accessories



TS Global offers a range of accessories to assist with efficiency and safety when inspecting or maintaining your conveyor.

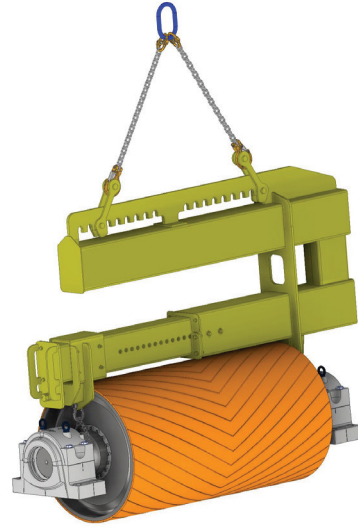
In mining operations, materials handling constitutes a significant component of production costs. Conveyors play a central role in processing, storing, and transporting materials. They must operate efficiently with maximum availability and a minimum of downtime.

Roller Carrier



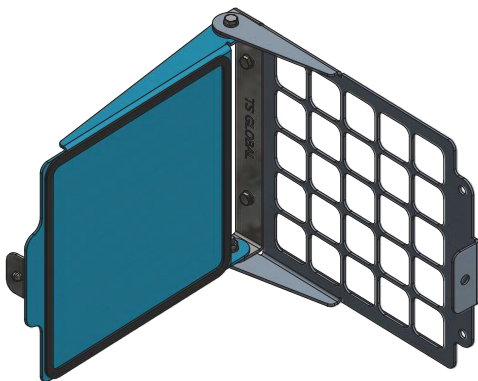
- Suits all rollers with a 14 and 22 A/F
- Adjustable strap
- SWL of 50kgs (110lbs)
- Designed with a safety clasp to retain roller in place at all times
- Allows the user to carry a roller and maintain 3 points of contact on stairs and gantries

Pulley Lifting Beam (Patent Pending)



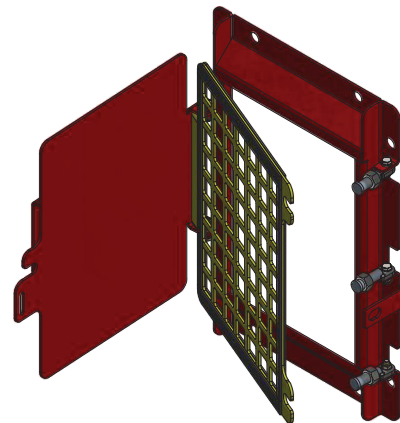
- Available in 4.5T, 7T and 12T variants
- Can be adjusted to suit a range of pulley faces
- Compact design fits into tight applications
- Allows pulley to be removed without removal of the belt
- Custom sizes available upon request

Basic Inspection Door



- Allows safe inspection of cleaners
- Retains dust within the confines of the transfer chute
- Improve accessibility for inspection or adjustment while the conveyor running
- Available in 3 standard sizes
- Custom sizes available upon request

Premium Inspection Door



- Allows safe inspection of cleaners
- Retains dust within the confines of the transfer chute
- Improve accessibility for inspection or adjustment while the conveyor running
- Hinged safety mesh
- Available in 3 standard sizes
- Custom sizes available upon request



TSGlobal

Conveyor & Polyurethane Specialists

AS/NZS ISO 9001
AS/NZS ISO 45001

BUREAU VERITAS
Certification



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WELSHPOOL WA • TOMAGO NSW • EMERALD QLD

ABN 30 603 644 748

