



TRU-TRAC®

TRU-TRAC® BELT SCRAPERS



TRU-TRAC® BRANCHES

SOUTH AFRICA:

- Pretoria (H/O)
- Middelburg
- Steelpoort
- Richardsbay
- Rustenburg
- Kuruman
- Saldanha
- Port Elizabeth
- Springbok

AFRICA:

- Zambia
- Burkina Faso
- DRC
- Botswana
- Zimbabwe
- Mozambique
- Lesotho
- Swaziland
- Ghana
- Mali
- Tanzania
- Kenya
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INTERNATIONAL DISTRIBUTORS:

- Australia
- New Zealand
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- South East Asia
- North America
- Central America
- South America
- Europe
- Eastern Europe
- Middle East
- New Caledonia

TRU-TRAC® GLOBAL FOOTPRINT

ABOUT US **TRU-TRAC®**

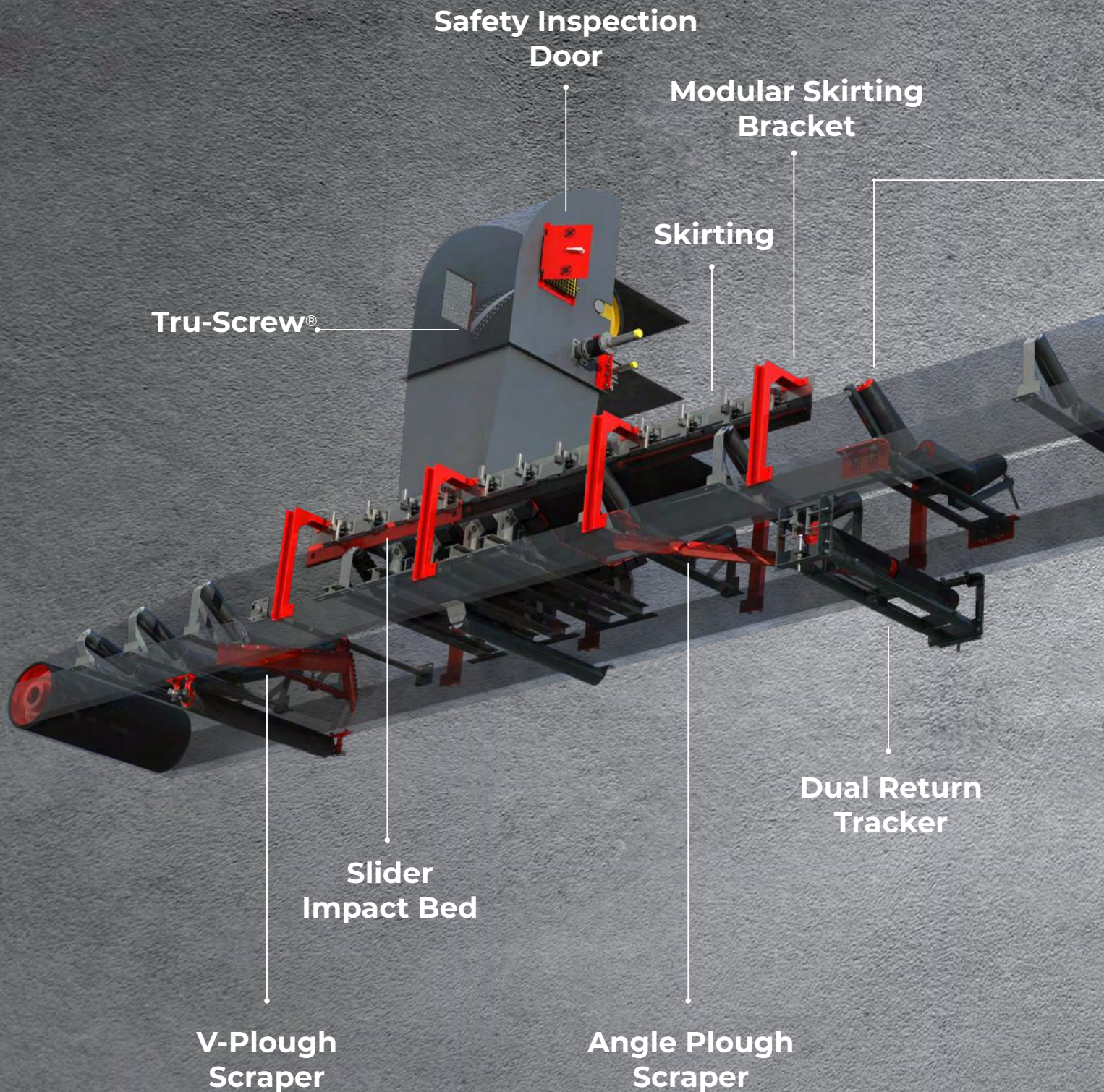
Tru-Trac® stands as a world-leading manufacturer and supplier of conveyor belt solutions and services, catering to the mining and bulk material handling industries globally. As a South African enterprise with a global reach, Tru-Trac® maintains a direct local technical sales and service presence across the African continent and a sales and distribution network spanning 80 countries.

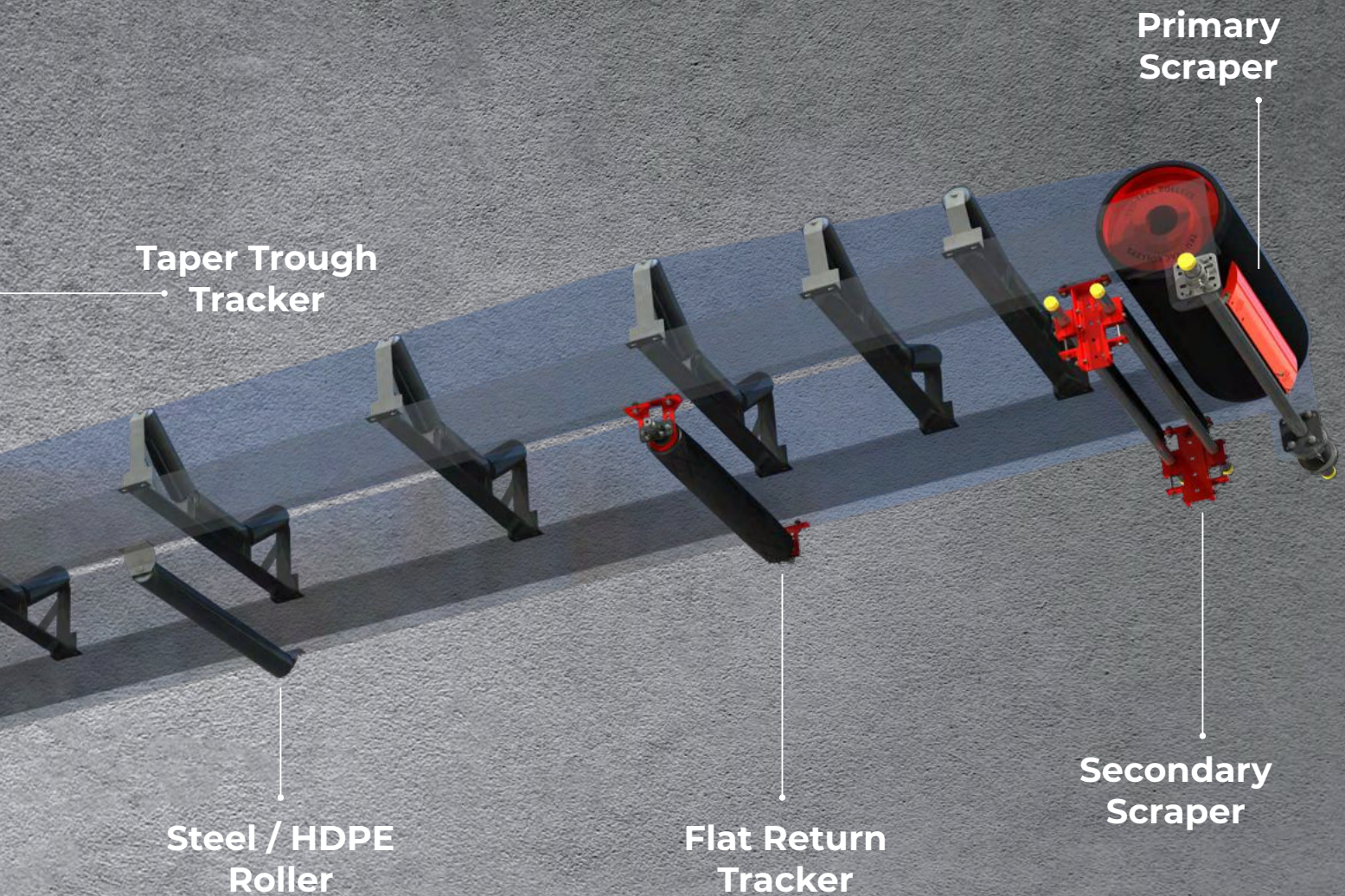
Conveyors serve as the lifeline for efficient bulk material handling operations, and for nearly 30 years, Tru-Trac® has been instrumental in assisting the world's prominent mining houses to process minerals with enhanced efficiency, reliability, and safety.

We have curated a repository of industry knowledge, technical expertise, and operational scale. This accumulation empowers us to assist our customers in overcoming nearly any conveyor system challenge they may encounter.



MAXIMISE CONVEYOR SYSTEM PERFORMANCE, EFFICIENCY AND SAFETY.





The role of a conveyor system in a mining operation can be likened to an artery in the human body; both are essential for the efficient transportation of materials critical to the overall health and productivity of their respective systems. Similar to how the main artery carries oxygenated blood to different parts of the body, a conveyor system in a mine facilitates the transport of bulk material from one location to another, thereby supporting the seamless operation of the mining process. The effectiveness of a conveyor system is a pivotal factor in guaranteeing the efficiency and profitability of a mining operation.

YOUR PROBLEMS

01 BELT MISALIGNMENT

The drift of the conveyor belt off-center results in belt damage, material spillage, structural damage, excess power consumption, and switch stoppages.

SOLUTION:
Tru-Trac® Trackers



02 BELT CLEANING

Carryback refers to the material that adheres to the conveyor belt and dislodges on the return side, posing safety risks, environmental harm, cleaning expenses, and reduced efficiency.

SOLUTION:
Tru-Trac® Scrapers



03 IMPACT DAMAGE

Safeguard your conveyor system from impact damage at transfer points to enhance safety and extend the lifespan of components.

SOLUTION:
Impact Control Solutions



04 DUST & SPILLAGE

Dust hazards can jeopardize operator safety and pose fire risks. Inadequate sealing at transfer points results in spillage, material loss, decreased production, and elevated costs associated with manual cleaning.

SOLUTION:
Loading Zone Solutions



OUR SOLUTIONS

05 BELT REPAIRS

Conveyor belt repairs can lead to prolonged operational downtime, incurring significant costs during the offline period.

SOLUTION:
Mechanical Fasteners



06 SAFETY HAZARDS

Ensuring a safe working environment for staff is imperative to prioritize their safety and well-being.

SOLUTION:
Conveyor Safety Solutions



07 MONITORING & PRODUCTION EFFICIENCY

Accurate flow rate measurement and reporting on conveyor belts are crucial for ensuring efficient business operations.

SOLUTION:
Belt Scales
Speed Sensors
Remote Monitoring System



08 BELT SLIP

This problem arises when there is inadequate grip between the head pulley and the belt, often caused by a loss of friction.

SOLUTION:
Pulley Lagging



Tru-Trac®

BELT SCRAPERS

Delivering Optimum Performance,
Longevity, and Cost Efficiency



PROBLEM: CARRYBACK

Carryback refers to the unintended retention of material on a conveyor belt after the bulk material has been discharged, usually at the head pulley. This residual material can then fall off along the belt path, leading to inefficiencies, maintenance issues, and safety hazards. Addressing carryback is vital to maintaining conveyor system productivity, cleanliness, and safety.



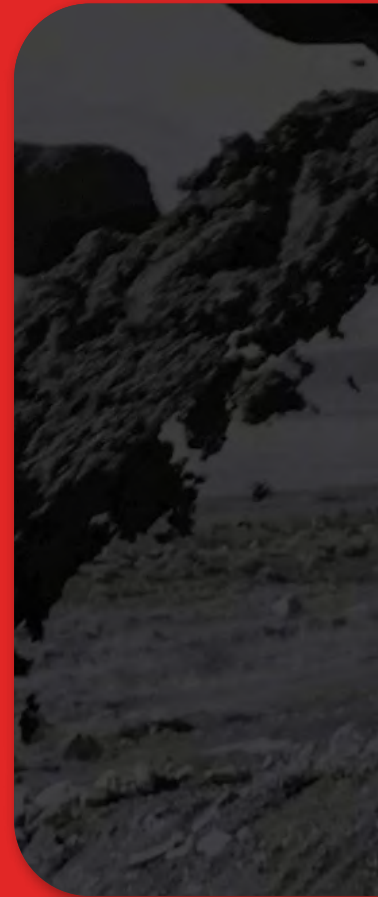
Tru-Trac® understands that efficient conveyor systems are vital. Belt scrapers remove residual material and prevent it from falling off during operation, reducing breakdowns, costs, and increasing production.

SOLUTION: **TRU-TRAC® SCRAPERS**

Tru-Trac®'s high-performing belt scrapers effectively clean conveyor belts, eliminate carryback, and make conveyor systems safer and more efficient. Our belt scrapers are versatile, compatible with all belt sizes and speeds, and suited to diverse applications, industries, and materials.

BENEFITS OF CHOOSING TRU-TRAC® BELT SCRAPERS:

- **Enhanced Profitability:** Eliminate carryback with our belt scrapers, decreasing both fugitive material and the associated cleanup and maintenance costs.
- **Reduced Material Loss:** Our belt cleaners ensure belts are scraped clean at the head pulley, preventing carryback and efficiently guiding bulk materials through transfer points or into designated areas.
- **Extended Conveyor Equipment Lifespan:** Carryback can damage rollers, idlers and cause belt drifting. Our belt scrapers reduce these risks, ensuring a longer conveyor lifespan.
- **Lower Energy Expenditure:** Excess material accumulation adds weight, making equipment work harder and use more energy. With our belt scrapers, energy consumption is minimized.
- **Enhanced Safety Standards:** Unaddressed carryback on conveyors can lead to slips, equipment malfunctions, and airborne contaminants. Our belt scrapers effectively reduce these risks, ensuring a safer operational environment.
- **Minimized Dust Issues:** Address fugitive dust issues at the source with our belt scrapers, ensuring a cleaner, healthier environment.



01 Primary Scrapers

Installed on the face of the head pulley at a positive angle, our belt scrapers should be mounted directly below the trajectory flow of the material being discharged from the belt. This strategic positioning ensures optimal performance in efficiently cleaning the conveyor belt.



02 Secondary Scrapers

Installed after the belt leaves the head (discharge) pulley and/or anywhere on the return side of the belt to effectively remove the remainder of the material that has passed by the pre-cleaner.

Tru-Trac®'s BC-2 Secondary Belt Scraper, as shown, can be mounted at 6 O'Clock for optimal cleaning performance.



SELECTION GUIDE:

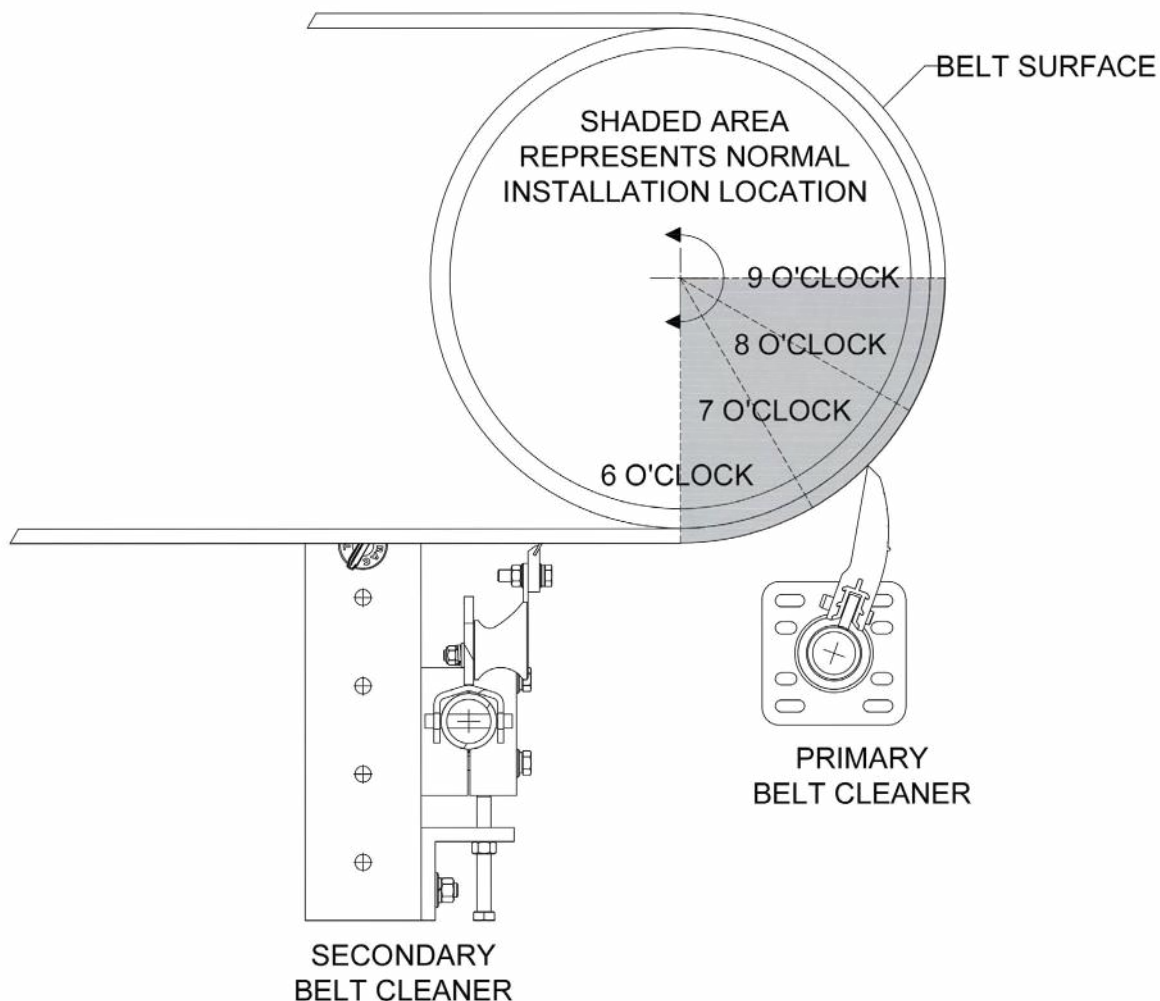
Factors to consider when selecting the appropriate belt scraper:

- **Belt Width**
- **Belt Speed**
- **Belt Direction: Uni Or Bi-Directional Belt**
- **Splice Type**
- **Material Abrasiveness**
- **Material Stickiness/Moisture Content**

The Tru-Trac® team of conveyor specialists are experienced and able to assist with the selection of belt scraper for your specific application.

Belt Scraper Installation and Maintenance

The Tru-Trac® team of conveyor specialists are experienced and able to assist with the selection of belt scraper for your specific application.





Tru-Trac®

PRIMARY BELT SCRAPERS

In today's fast-paced production environments, achieving maximum uptime is crucial. Tru-Trac®'s Primary Scrapers are specifically designed to deliver superior cleaning efficiency for conveyor belt systems. Positioned against the drive pulley, right below the material flow, these scrapers effectively remove the majority of residual material, ensuring seamless operations. Whether you're dealing with sticky or heavy materials, Tru-Trac® has a range of primary scrapers tailored for any application, guaranteeing optimal performance and longevity.

TRU-TRAC® BELT SCRAPER FEATURES:




- **Optimal Cleaning Performance:** Engineered to perform.
- **Superior Tensioning System:** Maintain tension throughout the life of the blade, ensuring consistent and reliable cleaning performance.
- **Easy to Install:** Versatile and easy installation.
- **Quick and Easy Maintenance:** Fast and simple replacement blade change, reducing downtime and saving costs.
- **Long Service Life:** Fewer blade replacements and repairs.
- **Belt Friendly:** No damage to the belt while cleaning.

HIGH PERFORMANCE PRIMARY BLADES


Tru-Trac® leads the way in developing high-performance primary scraper polyurethane blades specifically formulated for superior belt cleaning performance. Tru-Trac® polyurethane compound blades offer superior tensile strength and DIN Abrasion, backed by our "Total Satisfaction Guarantee."



PRIMARY URETHANE BLADE TYPE

	Skalper IV	Skalper HT	Skalper UHT
Skalper® Blade Materials			
Material / Description	Urethane / Abrasion Resistant	Urethane / High Temp	Urethane / Ultra High Temp.
Temperature Range	-28 to 82°C	-28 to 107°C	-28 to 148°C
Use with mechanical Fasteners	YES	YES	NO
Shore Hardness	85	85	95
Max Belt Speed	4m/s	6m/s	6m/s

PRIMARY TENSIONERS

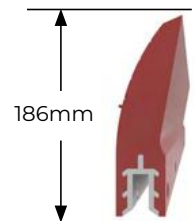
E-Z Torque Tensioner	Prima Tensioner	Standard Tensioner	HD Tensioner
	<ul style="list-style-type: none"> 48mm Shaft Mild Steel, Zinc plated 	<ul style="list-style-type: none"> 60mm Shaft Stainless Steel Lifetime Guarantee 	<ul style="list-style-type: none"> 60mm Shaft Stainless Steel Heavy Duty spring tensioner for more demanding applications Lifetime Guarantee

Note: Use a double tension configuration for blade widths of 1350mm and above

ABOUT SKALPER PRIMARY SCRAPER

Our newly improved Skalper® series of conveyor belt primary scrapers has been installed globally, effectively addressing carry-back issues. The straightforward yet highly efficient Skalper® belt cleaner removes carry-back from the conveyor system.

Maximum Belt Speed: 4 m/sec
Pulley Diameter: 300 – 900 mm
Applications: Coal Fired Power Plants, Hard Rock Mining, Steel Mills, Iron Ore, Aggregate and Mineral (Phosphate, Potash, Salt) Mining
CEMA Class 4



MAIN FEATURES

- **Excellent Performance:** Maintains an effective cleaning edge throughout the life of the blade.
- **Quick-Change Blade:** Maintenance done within minutes without the need for tools.
- **E-Z Torque Tensioner (Lifetime Warranty):** Patented stainless steel self adjusting tensioner, maintains constant tension throughout the life of the blade.
- **Unique Blade Profile:** With renewing edge line.
- **Easily Maintained:** And tensioned from one side of the conveyor.
- **Blade-Wear Indicator:** Allows you to monitor blade wear easily without having to shut.
- **Maximum Belt Speed*:** 4m/sec.
- **Belt Width:** 450-1200 mm.
- **Pulley Diameter:** From 300-900 mm.



CARRYBACK SOLUTION

SKALPER SCRAPER INSTALLATIONS



SCAN THE QR CODE FOR:

- Application Videos
- Application Images
- Data Sheets



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MINI SKALPER SCRAPER



The distinctive Mini-Skalper® conveyor belt primary scrapers is specifically engineered for small-diameter pulleys, making it ideal for situations where the head pulley is less than 16" (400 mm) in diameter or in tight locations.

MAIN FEATURES

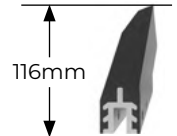
- **Mini-Skalper:** (patented) compact one piece blade maintains an effective cleaning edge throughout the life of the blade.
- **E-Z Torque:** Tensioning system is also available.
- **Blade-Wear Indicator:** allows you to monitor blade wear easily without having to shut the system down for inspection.

Maximum Belt Speed: 2.5 m/sec

Pulley Diameter: 150-550 mm

Applications: Aggregate, Sand & Gravel, Redi-Mix and Asphalt, Cement, Wood Processing Recycling

CEMA Class 2



PRIMA SCRAPER



Tru-Trac® Prima Scraper, a conveyor belt primary scraper, is exceptionally effective in challenging service conditions, efficiently removing carry-back from the conveyor system.

MAIN FEATURES

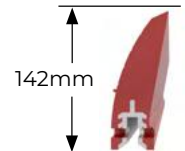
- **Prima Blade design:** (patented) maintains an effective cleaning edge throughout the life of the blade
- **Zinc Plated:** blade mounting tube and bracket assemblies offer the highest standard in corrosion resistance in a variety of applications.
- **E-Z Torque Tensioner:** is a patented tensioner featuring mild steel zinc plated spring, allows the blades to self adjust throughout the entire life of the blade and is the most robust and accurate belt cleaner tensioner in the industry.

Maximum Belt Speed: 3.0 m/sec

Pulley Diameter: 250 - 500 mm

Applications: Aggregate, Ready Mix, Asphalt, Recycling, Sand and Gravel

CEMA Class 3



SUPER SKALPER PRIMARY SCRAPER



The Super-Skalper® conveyor belt primary scraper is designed to handle the toughest bulk material handling applications. With its massive blade, it effectively removes carry-back on high-speed belts, large head pulleys, and in scenarios involving large sizes and volumes of material, commonly encountered in both below and above ground mining operations.

MAIN FEATURES

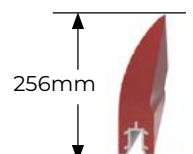
- **One-Time Tensioning:** the patented E-Z Torque® tensioner maintains constant tension throughout the life of the blade.
- **Blade-Wear Indicator:** allows you to monitor blade wear easily without having to shut the system down for inspection.
- **Torque Spring:** provides a greater degree of tensioning per inch of blade, versus compression springs which require more tensioning adjustment for the life of the blade.

Maximum Belt Speed: 6.0 m/sec

Pulley Diameter: 800 mm +

Applications: Underground Mining, Hard Rock Mining, Metals (copper/gold), Mining, Steel Mills, Iron Ore, Bulk, Shipping Terminals, Coal Fired Power Plants, Coal Preparation Plants

CEMA Class 5








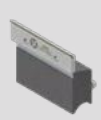




SECONDARY BELT SCRAPERS

Secondary belt scrapers are installed after the point where the belt leaves the head (discharge) pulley and or anywhere on the return side of the belt where it can be cleaned and maintained effectively.

SECONDARY SCRAPER	TITAN	TORO	RAZORBACK	RAZORBACK MDX	BC-2
Belt Width	450-1200mm	450-2400mm	450-2400mm	450-2400mm	450-1800mm
Belt Speed	>2m/s	5m/sec	5m/sec	6m/sec	4m/sec
SECONDARY TENSIONERS					
Bolt-up	YES	YES	YES	YES	YES
BELT CONDITIONS					
Ok on reversible belts	YES	YES	NO	NO	NO
BLADE TIPS					
Toro U-Tip		✓			
Toro C-Tip		✓			
Titan Tip	✓				
CN 2 Tip			✓		
VNC-Tip			✓		
U-Tip			✓		
MDX CN 4 Tip				✓	
MDX VNC-Tip				✓	
MDX U-Tip				✓	
BC2 CN 2-Tip					✓
BC2 VNC-Tip					✓

SECONDARY BLADE CUSHIONS

SECONDARY BLADE TYPE										
	Toro U-Tip	Toro C-Tip	Titan Tip	CN 2 Tip	VNC-Tip	U-Tip	MDX CN 4 Tip	MDX VNC-Tip	BC2 CN 4 Tip	BC2 VNC-Tip
Blade Materials										
Material	Urethane	Tungsten Carbide	Tungsten Carbide	Tungsten Carbide	Tungsten Carbide	Urethane	Tungsten Carbide	Tungsten Carbide	Tungsten Carbide	Tungsten Carbide

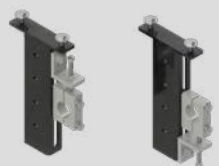
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CHANEL BOLT UP BRACKET



- Powder coated steel bracket
- 304 stainless steel of adj. blocks
- Lifetime Warranty
- Visual tension check
- Push-up or Pull-up tension options

DOUBLE SIDED BOLT UP BRACKET



- 304 Stainless Steel

SHAFT CLAMPS



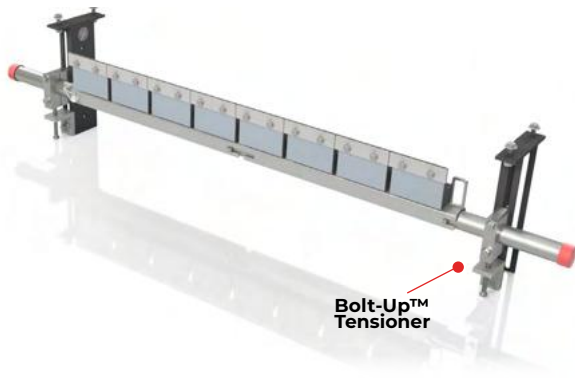
- Secondary shaft mounting and adjusting blocks.

RAZORBACK SECONDARY SCRAPER

The Tru-Trac® Secondary Razorback Scraper features replaceable blades manufactured from our proprietary tungsten carbide grades, offering extremely effective belt cleaning performance and extended wear life. The scraper excels in cleaning fugitive material on both dry and wet belts and has enough flexibility to work with mechanical fasteners.

MAIN FEATURES

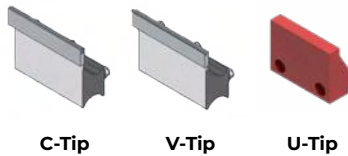
- **Impact absorbing, self-tensioning cushions:** allow each blade to flex individually and allow a more constant effective tension against the conveyor belt.
- **Available:** with replaceable V-Tips for vulcanized conveyor belts or C-Tips or U-Tips for conveyor belts with mechanical fasteners.
- **Slide-out service cartridge:** allows for easy service and inspection.
- **Available:** with optional water spray.



Bolt-Up™ Tensioner
Push Up | Pull Up



Available Blade Tips



Maximum Belt Speed: 5 m/sec

Applications: Coal Fired Power Plants, Hard Rock Mining, Steel Mills, Iron Ore, Aggregate and Mineral (Phosphate, Potash, Salt) Mining

CEMA Class 3 - Bolt-Up / CEMA Class 4 -

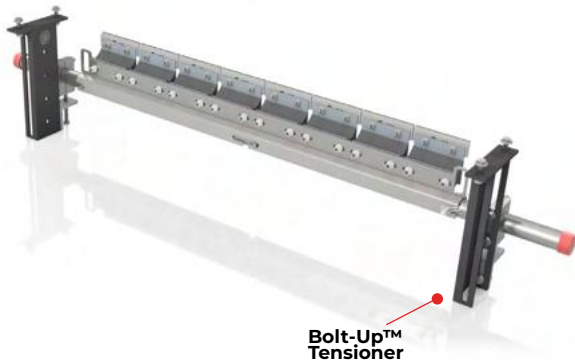
RAZORBACK HD SECONDARY SCRAPER

Superior cleaning for the toughest mining applications, the Tru-Trac® Razorback HD is a secondary heavy-duty belt scraper designed for high-speed and high-tonnage mining conveyor systems running in the most aggressive environments.

The heavy-duty replaceable blade, constructed from our proprietary carbide-nickel chrome formulation tips, together with our MDX heavy duty reinforced rubber cushions, provides the ultimate cleaning performance and extended wear life.

MAIN FEATURES

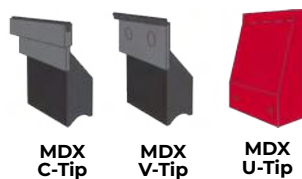
- **Force-Flex:** (patent pending) impact absorbing rubber and spring-loaded tensioning cushions maintain a constant effective force between the belt cleaner and the conveyor belt.
- **Available:** with replaceable MDX V-Tips for vulcanized conveyor belts or MDX C-Tips for conveyor belts with mechanical fasteners.
- **Slide-out:** service cartridge allows for easy service and inspection.



Available Tensioners



Available Blade Tips



Maximum Belt Speed: 6 m/sec

Applications: Underground Mining, Hard Rock Mining, Metals (copper/gold) Mining, Steel Mills, Iron Ore, Bulk Shipping Terminals, Coal Fired Power Plants

CEMA Class 5

TORO REVERSIBLE SECONDARY SCRAPER



Flexible solution for reversing conveyor belts. The Tru-Trac® Toro secondary belt scraper is an effective flexible secondary belt scraper that is suitable for reversing conveyor belts. The tungsten cartridge blade system allows for easy blade change-outs.

MAIN FEATURES

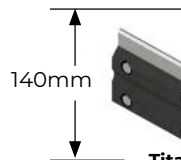
- **Designed for Reversing Conveyors:** such as shuttles or conveyors that roll back, trippers, due to its unique two-way rubber cushions.
- **Slide-Out Service Cartridge:** Allows for easy service and inspection.

Available Tensioners



Bolt-Up™

Available Blade Tips



Titan Tip



Toro U-Tip

Max Belt Speed: 5 m/sec

Applications: Aggregate, Cement, Coal Fired Power Plants, Mineral (Phosphate, Potash, Salt) Mining, Wood Processing Recycling

CEMA Class 3 - Bolt-Up / CEMA Class 4

TITAN SECONDARY SCRAPER (AVAILABLE IN SINGLE AND DOUBLE SHAFT)

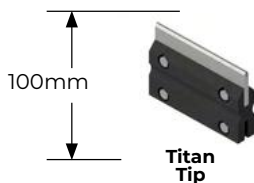


Designed to complement the primary belt scraper, the Tru-Trac® Titan Secondary Belt Scraper ensures carryback is minimised. Compact in design and optimized for limited installation spaces, the Titan functions independently or in tandem with a primary scraper, creating a formidable belt cleaning system. Choose between Single or Double blade configurations to best suit the application.

MAIN FEATURES

- **Cost-effective:** Affordable belt cleaning solution.
- **Compact:** Fits tight spaces, reducing carryback.
- **Segmented Blades:** 150 mm tensioned blades for uniform cleaning pressure.
- **Long-lasting:** Tungsten carbide blades ensure efficient cleaning and wear resistance.
- **Speed & Size:** Manages speeds up to 2m/sec and belt widths of 450 to 1200 mm.
- **Adaptable:** Suitable for reversing belts and mechanical joints.
- **Rubber Mountings:** Adjust to belt changes and inconsistencies.
- **Mounting Brackets:** Optimal tensioning; accommodates "push-up" and "pull-up", accommodates single or double Titan Scraper setups.
- **Options:** Single or Double blade/shaft; Double Titan for high carryback belts.

Available Blade Tips



Titan Tip

SCRAPER WASHBOX



The Tru-Trac® Scraper Wash Box acts as a secondary conveyor belt scraper for the return side. Each enclosed stainless steel box has pressure rollers, spray bars, and Razorback belt scrapers. Water spray from nozzles softens carry-back, maintaining cleaning pressure for effective results. It offers top-notch belt cleaning technology.

MAIN FEATURES

- **Fully enclosed system:** that contains the wash waste fluid and carry-back.
- **Removable service doors:** allow the system to be easily inspected and service.
- **Custom Wash Box:** Can be made at customers' request.



ENCLOSED BOX – equipped with pressure rollers, spray bars and Razor-Back® belt cleaners.

Maximum Belt Speed: 5 m/sec

Applications: Coal Fired Power Plants, Bulk Shipping Terminals, Coal Preparation Plants, Underground Mining, Hard Rock Mining, Steel Mills, Iron Ore, Mineral (Phosphate, Potash, Salt) Mining

CEMA Class 3, 4 & 5

ABOUT BC2 SECONDARY SCRAPER

Tru-Trac®'s BC-2 Secondary Belt Scraper redefines efficiency with its unique design. Tailored specifically for tough applications, this scraper combines overlapping tungsten carbide blades with a patent-pending self-tensioning stainless steel spring mechanism for unmatched cleaning.

Highly Efficient
over-lapping tungsten carbide blades for streak-free conveyor belt cleaning.

Self-tension arm assembly

HD Bolt-Up Tensioner
for simple and accurate tensioning adjustments.

MAIN FEATURES

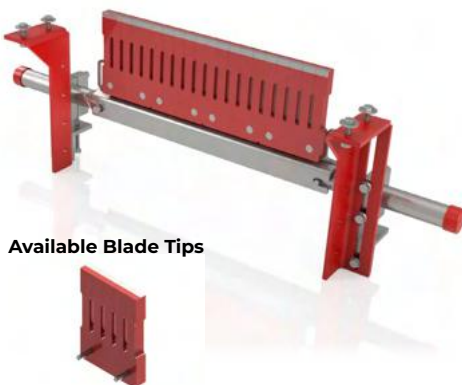
- **Unmatched Cleaning Efficiency:** Overlapping tungsten carbide blades and self-tensioning mechanism ensure optimal cleaning.
- **Durably Crafted for Tough Settings:** Heavy-duty, rust-resistant design tailored for demanding mining environments.
- **Effortless Maintenance:** Easy blade replacement from self-tensioning arms, saving time and resources..

Max Belt Speed: 4 m/sec

Applications: Aggregate, Cement, Hard Rock Mining, Coal Fired Power Plants, Steel Mills, Iron Ore and Mineral Mining
CEMA Class 4



CHEVRON POLYURETHANE SECONDARY SCRAPER



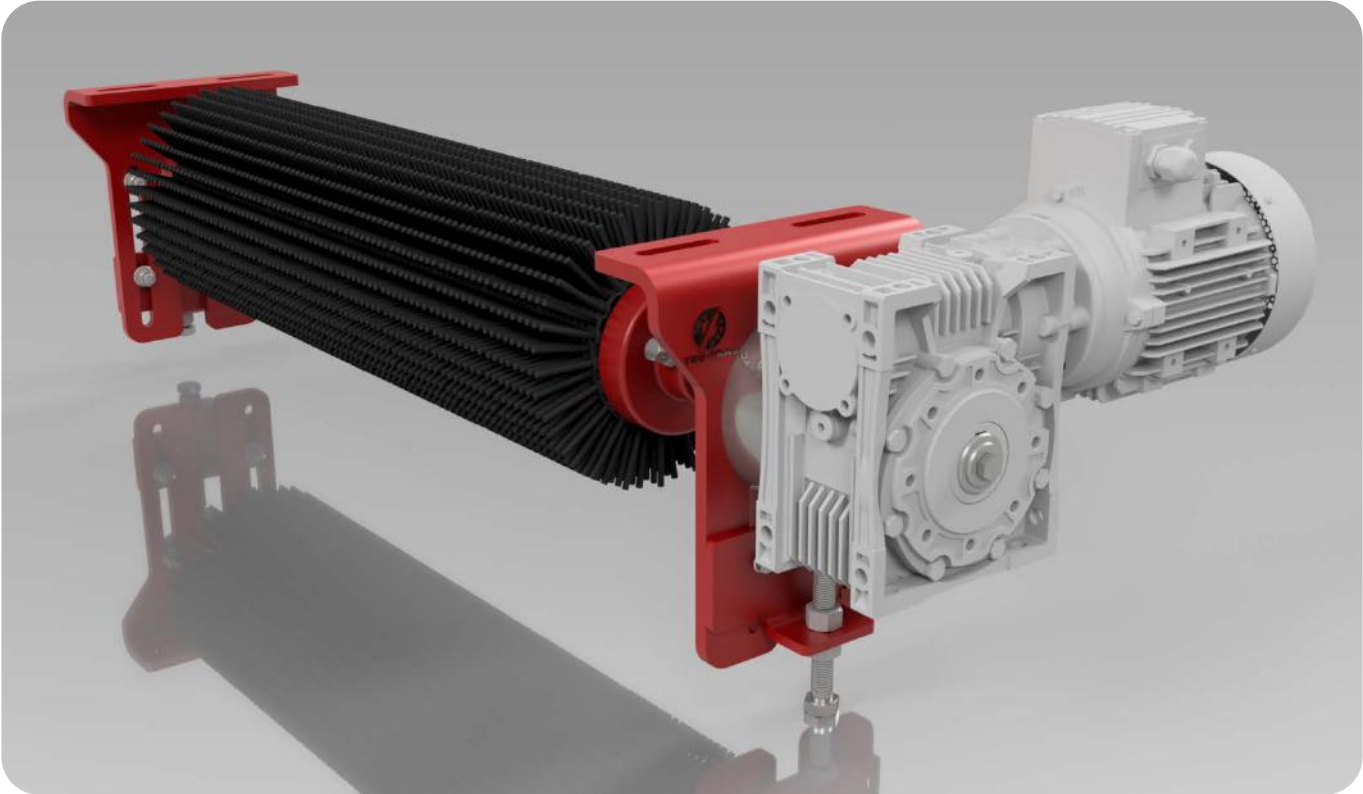
Available Blade Tips

The Tru-Trac® Chevron Polyurethane belt scraper is designed for cleaning Chevron belts. Embedded with steel tips, its unique Polyurethane fingers employ a flicking action for effective cleaning. This scraper is durable with minimal upkeep.

MAIN FEATURES

- **For Chevron Conveyors:** Suitable for various chevron belts.
- **Self-Adjusting:** Polyurethane fingers adapt to belt surfaces, cleaning between chevron cleats regardless of belt direction.
- **Minimal Upkeep:** Design prevents build-up on blades.
- **Quick Maintenance:** Unique cartridge system allows blade replacement in minutes, ensuring limited downtime.
- **Bolt-Up Tensioner:** Guarantees consistent pressure for effective cleaning.

MOTORISED BRUSH SCRAPER



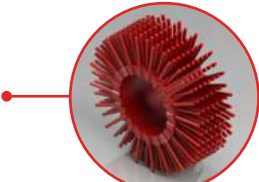
MOTORISED RUBBER/PU BRUSH SCRAPER

The Tru-Trac® Motorised Brush Scraper was developed to improve on the scraping experienced in various material handling situations, especially for cleaning fines, worn or ribbed conveyor belts. The cleaning function is one of a gentle sweeping motion across the surface of the belt.

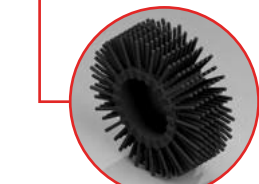
TRU-TRAC® BRUSH SCRAPER SPECIFICATIONS	
MAXIMUM BELT SPEED	5 m/s
AVAILABLE	450mm to 2200mm
MOTOR	1.5 hp - 1460 rpm; 4 ph; Standard euro voltage 230v/400v; 50/60hz rated
APPLICATIONS	Fines, Wood Dust, Cement Dust, Salt, Sugar, Fertilizer, Wet Sand, Carbon Black
DIAMETER	OD 230mm

FEATURES & BENEFITS

- **Replaceable Rubber/ Polyurethane segments** to remove any residual material on belt, even in hard-to-reach recessed areas
- **Works only when belt is moving**, the motor turns the cleaner opposite the belt direction for optimal cleaning
- Can be mounted to a **vertical or horizontal surface**

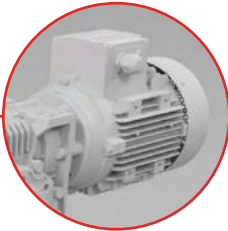


polyurethane



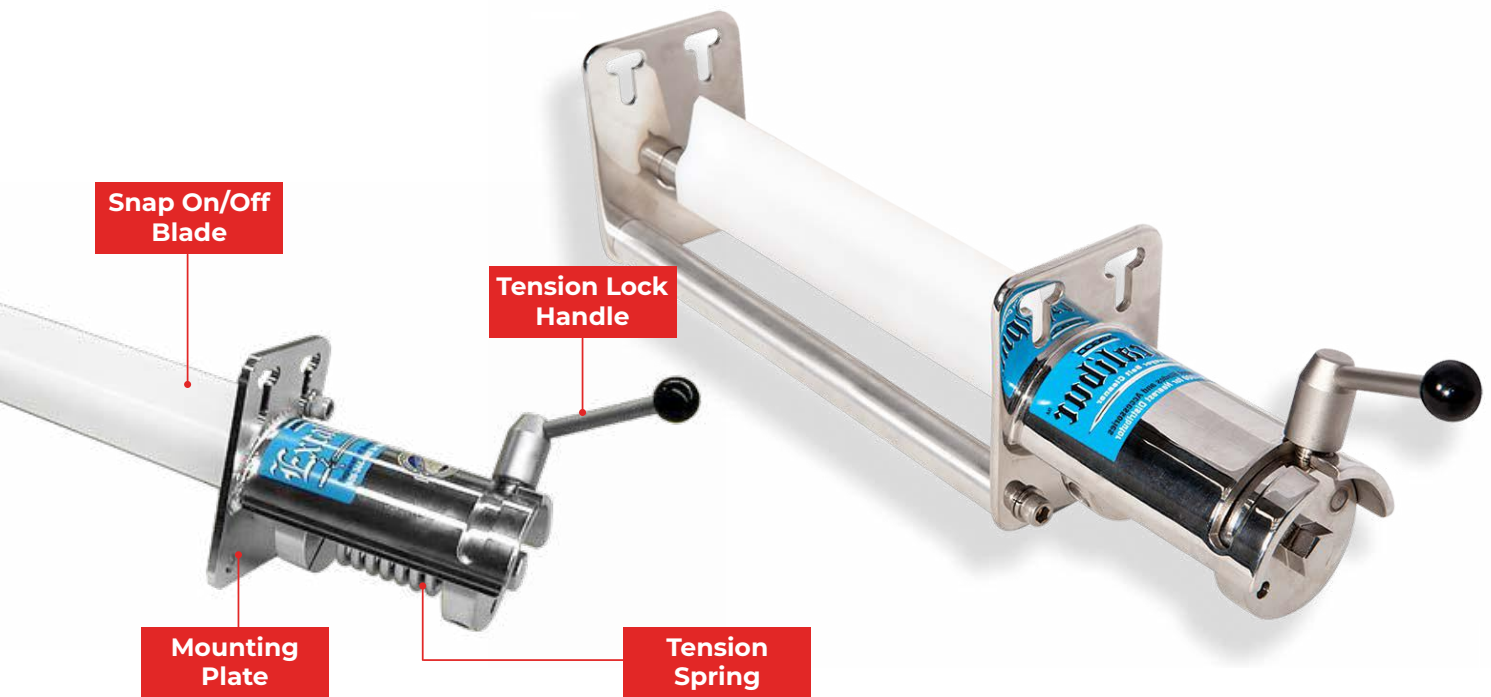
rubber

- Assembled as either a left or right hand unit with no special part requirements, allowing for convenient installation location
- Installed with a a one or two horse powered motor, depending on the application, with minimal power consumption
- Suitable for light and medium duty applications



INDUSTRY SCRAPERS

EXCALIBUR FOOD GRADE SCRAPER



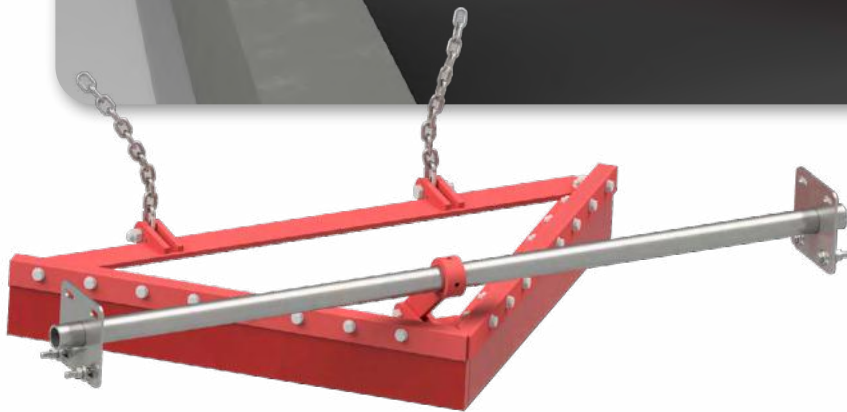
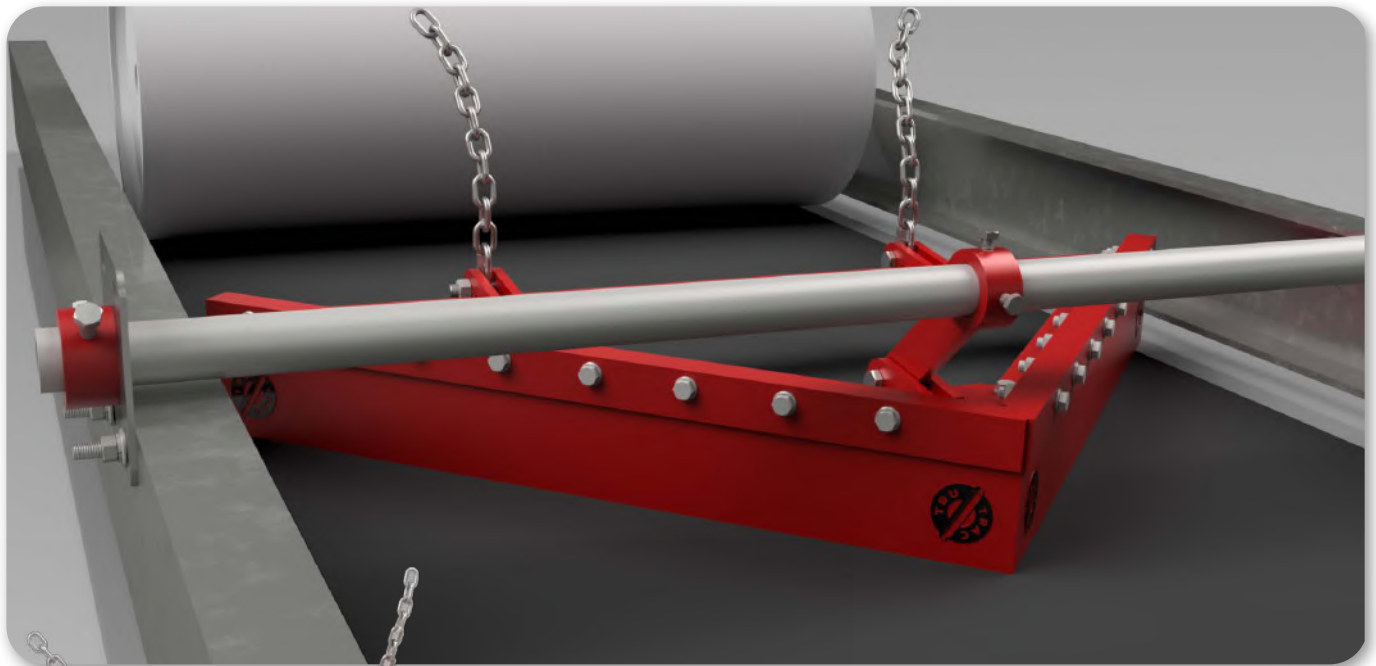
The Tru-Trac® Excalibur is a food grade scraper with a unique blade, holder and tensioning mechanism, ideal for light duty, thermoplastic belts. It meets the strict sanitary standards of the food manufacturing industry using FDA approved materials.

MAIN FEATURES

- Ideal for flexible modular plastic table top conveyor belting.
- FDA compliant materials, meets all sanitary requirements.
- Features a unique blade, holder and tensioning mechanism.
- Snap-on/off conveyor belt scraper blade.
- 300 Series Electro-polished stainless steel.
- Complete disassembly in seconds. No tools needed to install/replace blades.
- Precision tension selection with torsion spring tensioner.
- Can be mounted as a Primary or Secondary scraper.
- Various blade materials available: UHMW, FDA Oil impregnated, Nylon, Dual Durometer Polyurethane.



ABOUT V-PLOUGH SCRAPER



The Tru-Trac® XD V-Plough Scraper is designed for the toughest mining environments. The V-Plough effectively keeps material from being trapped between the tail and take-up pulleys, and prevents build-up of material on the pulleys thereby reducing belt alignment problems.

MAIN FEATURES

- **Keeps material from becoming trapped:** between a tail or take-up pulley and the conveyor belt.
- **Protects Your Belt:** from puncture damage, caused by fugitive material from the inside of the belt.
- **Self Adjusting:** No maintenance needed, adjusts by gravity.
- **Reduces bulk material build up:** on tail and take-up pulleys which helps improve belt misalignment problems.
- **Easy Maintenance:** Blades can easily be replaced when worn.
- **Blade Type:** High abrasion, long lasting Polyurethane.



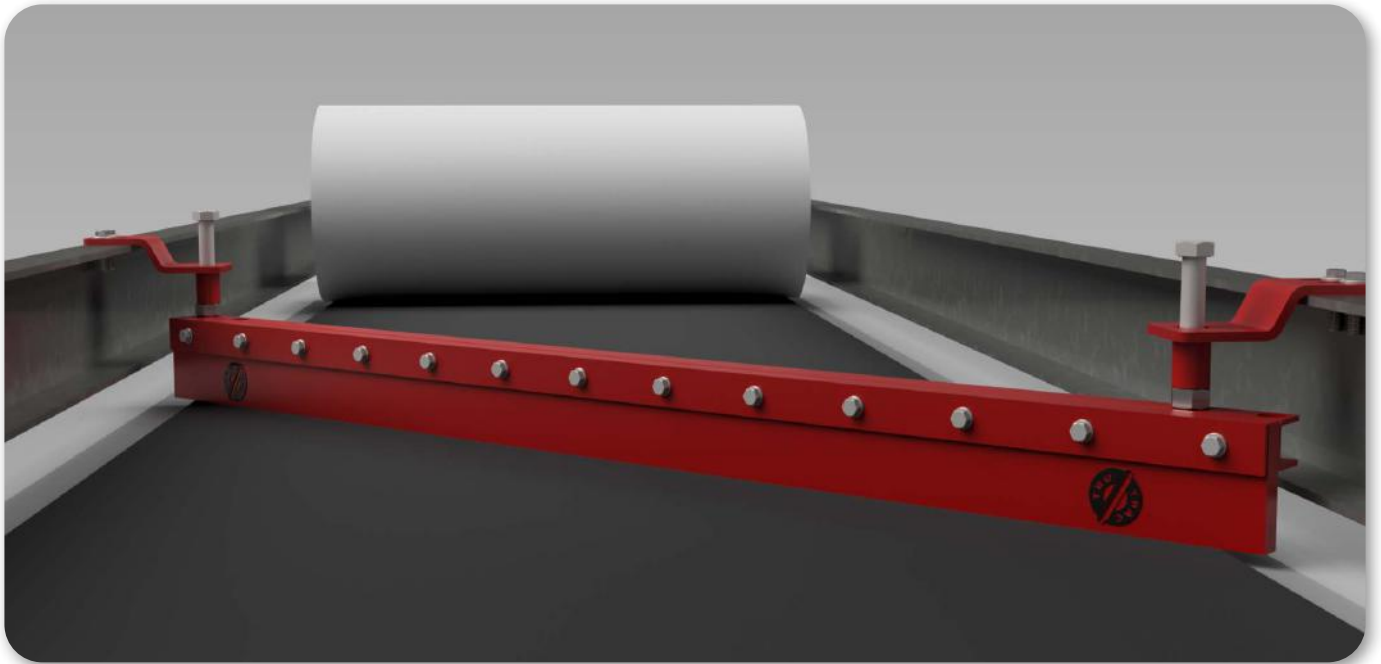
SCAN THE QR CODE FOR:

- Application Videos
- Application Images
- Data Sheets



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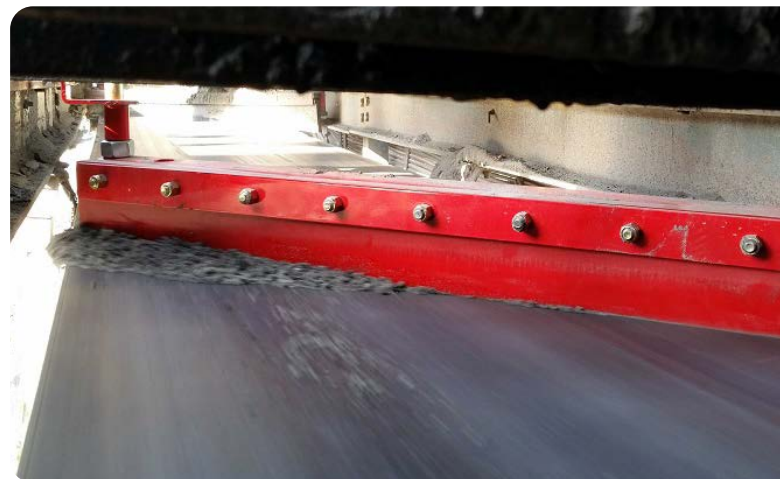
ABOUT ANGLE PLOUGH SCRAPER



Tru-Trac® Angle Plough Scrapers are designed to discharge fugitive material to one side of the conveyor. The Angle Plough features a rugged steel structure, ensuring durability in the toughest environments.

MAIN FEATURES

- **Provides Effective Cleaning:** Of the return side of the belt, protecting the tail pulley and the conveyor belt.
- **Protects Your Belt:** from puncture damage, caused by fugitive material from the inside of the belt.
- **Reversing Conveyors:** Is compatible with reversing belts.
- **Easy Maintenance:** Simple and easy to install and maintain.
- **Diagonal Plough Discharges:** material to one side of the belt.
- **Blade Type:** High abrasion, long lasting Polyurethane.



FIELD SERVICES

Tru-Trac® provides integrated solutions and support services to optimise and sustain conveyor systems, enabling customers to reach their financial and operational objectives.

HOW IT WORKS

Tru-Trac® has been offering conveyor maintenance services for over 15 years, and is uniquely positioned to offer customers a comprehensive scope of conveyor service and maintenance solutions.



INSTALLATION & COMMISSION

Tru-Trac®'s skilled **conveyor technicians** ensure products are **expertly installed** and perform optimally, meeting **local safety standards** and tailored to your site's needs.

BENEFITS:

- **Ensure Optimal Installation:** Guarantees best performance of new equipment.
- **On-Site Training:** Equips your personnel with hands-on knowledge.
- **Reduce Downtime:** Faster installation and troubleshooting.
- **Installation Reporting:** Comprehensive updates for peace of mind.



PLANNED SHUTDOWN SERVICES

Tru-Trac® works closely with clients to ensure **efficient planned shutdowns**. We excel in **optimizing installations and repairs** through meticulous **planning and resource coordination**, consistently meeting project timelines and budgets.

BENEFITS:

- **Efficient Planning:** Boosts efficiency and safety through careful scheduling.
- **Resource Allocation:** Optimizes the use of manpower and equipment.
- **Cost & Time Savings:** Ensures budget-friendly, on-time completion.
- **Proactive Maintenance:** Prevents breakdowns and extends equipment life.

CONVEYOR MAINTENANCE SERVICE PACKAGES

Tailored to your needs, we offer **4 Service Packages** featuring **flexible commercial models, customizable Scope of Work, payment options, inventory plans, reporting requirements, and contract periods.**

Our close collaboration ensures continuous improvement and optimization of your conveyor performance.

KEY SERVICES:

- **Installation and Commission:** Expert setup for optimal performance.
- **Planned Shutdown Services:** Scheduled maintenance without downtime.
- **Full Conveyor Maintenance:** Comprehensive care for long-term reliability.
- **Breakdown - Emergency Services:** Rapid response for unplanned events.



FULL CONVEYOR MAINTENANCE

Tru-Trac®'s **full maintenance service agreements** offer expert **on-site resources**, ensuring **optimal conveyor system performance**, cost control, and adherence to high standards.

BENEFITS:

- **On-Site Teams:** Combines dedicated and trained conveyor maintenance teams on site.
- **Operational Efficiency:** Daily reports, spare parts management, & improved planning for maximized uptime.
- **Proactive Care:** Preventative maintenance and enhanced safety protocols
- **Focus:** Concentrate on your core business operations while we handle conveyor maintenance.



BREAKDOWN -EMERGENCY SERVICES

Tru-Trac®'s **local service teams** promptly handle **emergency call-outs** in your region, efficiently diagnosing and resolving issues to **safely restore production** in minimal time.

BENEFITS:

- **Fast Expert Support:** Get help when you need it most.
- **Decrease Downtime:** Quick resolution of issues.
- **Customizable Support:** Tailored to your specific needs.

CONVEYOR TRAINING

TRU-TRAC® CONVEYOR TRAINING: Empowering Your Team for Excellence

At Tru-Trac®, we believe that offering high-quality products is just the beginning. Ensuring your team knows how to maximize these tools is where real progress begins. Dive deep with our specialized conveyor training modules, designed not only to address the how-tos but also to impart a comprehensive understanding of common conveyor issues and their solutions.

Invest in training that promises more than just theory. With Tru-Trac®, empower your employees to bring innovative and efficient practices back to the heart of your operations.



COURSES OFFERED INCLUDE:

- Conveyor 101
- Conveyor Maintenance and Safety
- Conveyor Belt Alignment
- Effective Conveyor Cleaning
- Tru-Screw Splicing Training
- Tru-Trac® Product Installation and Maintenance Training courses



WHY CHOOSE TRU-TRAC® CONVEYOR TRAINING?

- **Broad Understanding:** Equip your team to identify and correct common conveying challenges.
- **Safety First:** Prioritize and enhance safety protocols in your conveyor operations.
- **Regulatory Compliance:** Stay ahead with practices that meet industry regulations.
- **Boost Productivity:** Learn strategies to ramp up production.
- **Operational Cost-Efficiency:** Drive down operation costs with informed decision making.



TRU-TRAC® ONSITE TRAINING:

Tru-Trac® provides onsite training for its customers in remote areas, ensuring that they receive the same degree of experience and technical competence as those who attend training at the Tru-Trac® training facility at our Head Office in Centurion.

This hands-on training is provided by certified trainers who are sent to a specific area to assist customers in running their plants efficiently and effectively.

ABOUT MOBILE SHOWROOM

The Tru-Trac® Mobile Showroom showcases the full range of Tru-Trac® products

Our mobile showroom is fully equipped with our products and you will be able to handle and inspect our products for both quality and features. Your team will have the opportunity to engage with our conveyor experts and discuss any conveyor related issues that they might be grappling with.



ABOUT CONVEYOR SURVEYS

Tru-Trac® offers comprehensive conveyor system surveys using our proprietary digital Conveyor Audit reporting system. Our technicians conduct holistic audits, providing real-time feedback via email. You'll receive detailed reports, including component condition, performance, photos, maintenance needs, and optimization recommendations.

- Highly experienced and trained technicians conduct our conveyor inspections.
- Conveyor audits are carried out daily at customer sites across the African continent.
- Digital reports are directly distributed to relevant parties.
- Inspection records are stored centrally for easy reference.





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