



TRU-TRAC®

TRU-TRAC® LOADING ZONE SOLUTIONS



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
- Namibia

INTERNATIONAL DISTRIBUTORS:

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

TRU-TRAC® GLOBAL FOOTPRINT

ABOUT US **TRU-TRAC®**

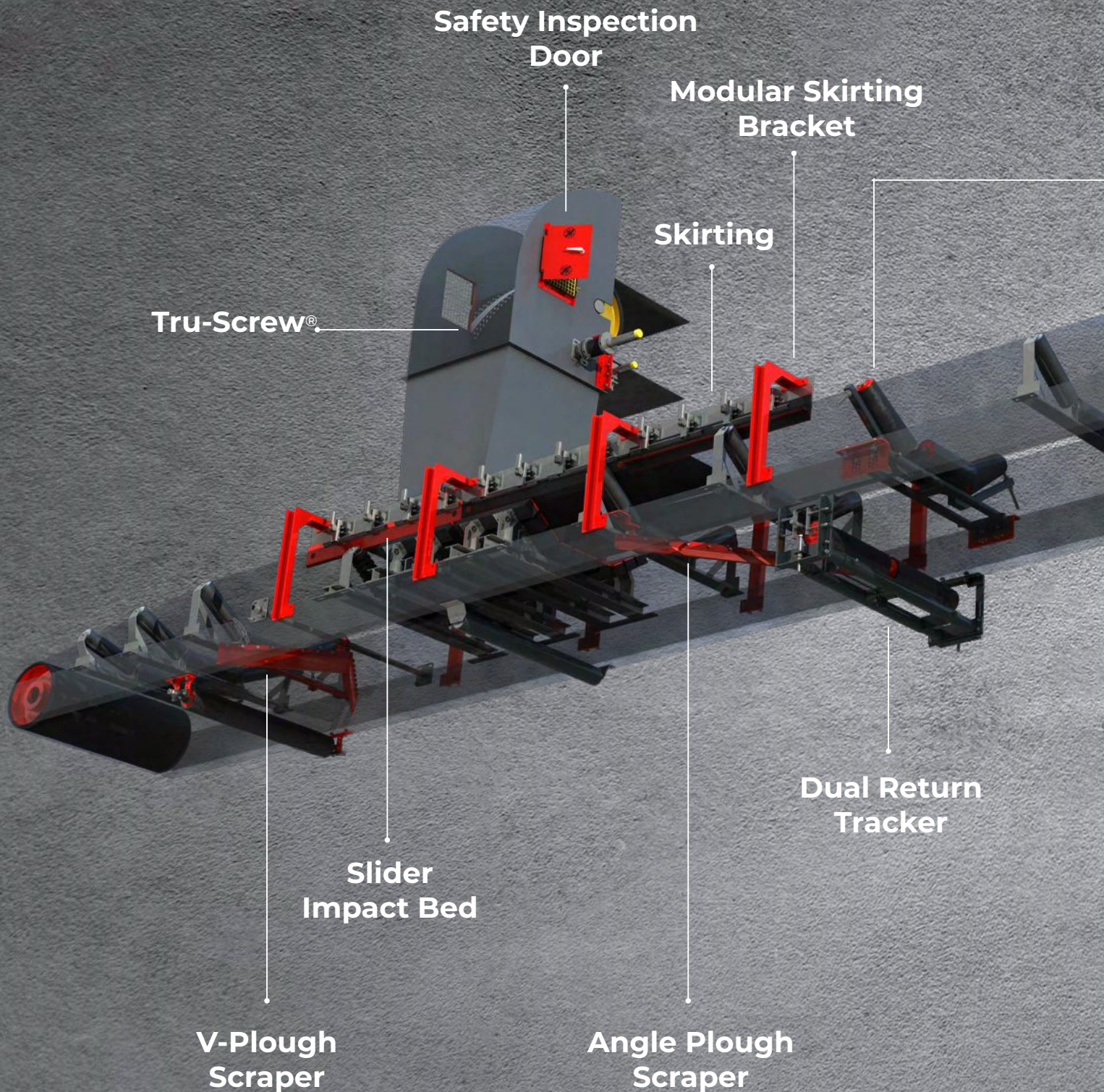
Tru-Trac® stands as a world-leading manufacturer and supplier of conveyor belt solutions and services, catering to the mining and bulk material handling industries globally. As a South African enterprise with a global reach, Tru-Trac® maintains a direct local technical sales and service presence across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

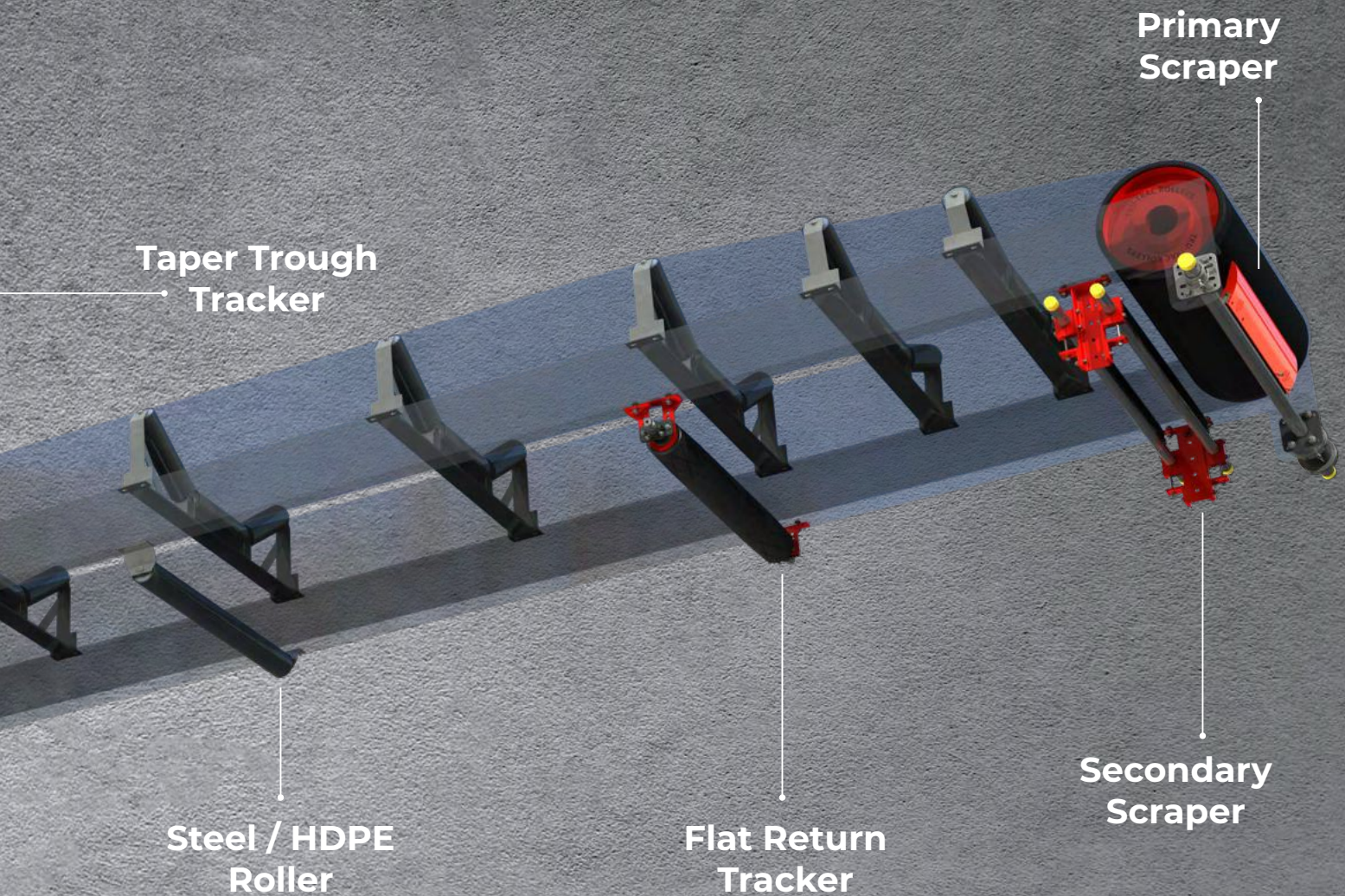
Conveyors serve as the lifeline for efficient bulk material handling operations, and for nearly 30 years, Tru-Trac® has been instrumental in assisting the world's prominent mining houses to process minerals with enhanced efficiency, reliability, and safety.

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.

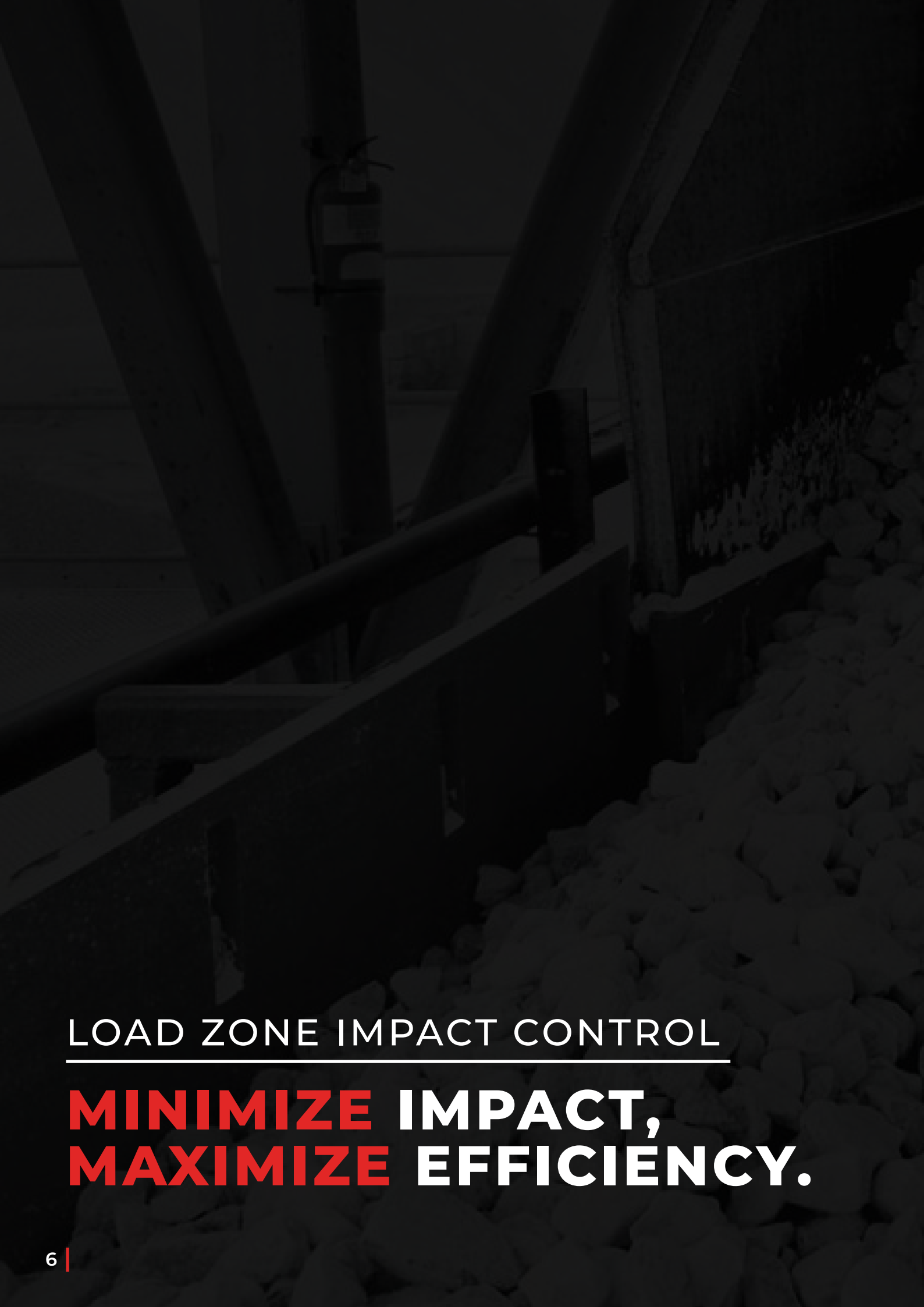


MAXIMISE CONVEYOR SYSTEM PERFORMANCE, EFFICIENCY AND SAFETY.





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.



LOAD ZONE IMPACT CONTROL

MINIMIZE IMPACT,
MAXIMIZE EFFICIENCY.



Tru-Trac®

LOAD ZONE IMPACT CONTROL

Efficiently managing the impact at the load zone is crucial for optimizing conveyor belt performance. Implementing effective load zone impact control systems, such as impact beds and skirting systems, can minimize the damaging effects of heavy loads and material impact. These systems absorb and disperse the impact energy, reducing belt wear, spillage, and potential equipment damage. With load zone impact control in place, operators can ensure smooth and reliable material handling, improving productivity and extending the lifespan of their conveyor belt systems.

ELIMINATE SPILLAGE AND PROVIDE EFFECTIVE LOAD SUPPORT

REDUCING COSTLY MAINTENANCE AND DOWN-TIME COSTS!

Tru-Trac®'s Impact Beds are meticulously manufactured and designed to absorb the impact of large materials, supporting the entire belt in the load zones. Applying advanced engineering technologies and leveraging years of experience, Tru-Trac® enhances your material flow. Let one of our experts guide you through everything you need for your next conveyor installation job, including an explanation of the different Tru-Trac® conveyor impact beds, initial site analysis, design development, engineering, installation, and post-installation services and maintenance.

Tru-Trac®'s Impact Beds are available in custom and low-profile designs to precisely fit your specific operational requirements!

ADVANTAGES

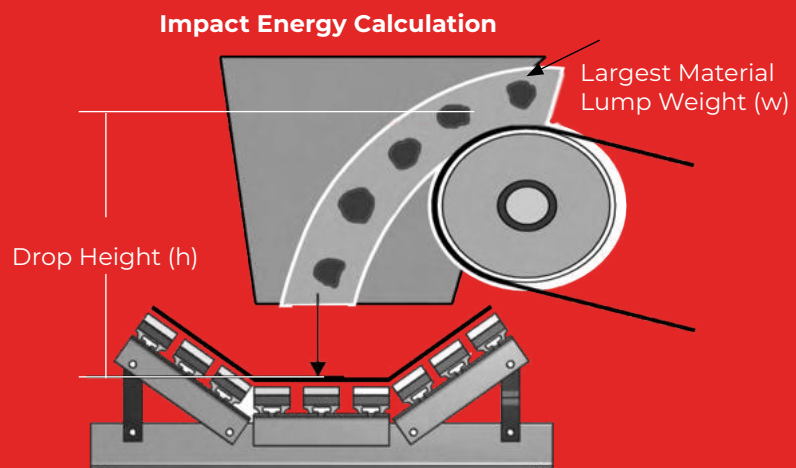
- Robust and impact resistant.
- Extended life of skirting.
- Reduced maintenance costs.
- Reduces belt perforation and damage.
- Can contribute to increased tonnage on a belt.
- Overall safer work environments.

Impact Energy Calculation

How to spec the correct impact bed for your conveyor transfer point.

Impact Energy

Lump Weight (w)
Drop Height (h) x



Tru-Trac® ADJUSTABLE IMPACT BED

Safeguard your conveyor system with the Tru-Trac® Adjustable Impact Bed. This innovative solution provides protection against impact damage, preventing operational stops and extending the life of your conveyor belt. The modular and adjustable design ensures optimal sealing, effectively reducing dust and spillage at the loading zone. Trust in Tru-Trac® for a reliable and customizable impact bed solution to enhance the performance and longevity of your conveyor system.

MAIN FEATURES

- **Optimal Sealing:** Adjustable trough angle minimizes dust and spillage.
- **Slider Modular Design:** Simplified installation and maintenance.
- **Flexible Length:** 650mm bed with option to install multiple beds in succession.
- **Maintenance Ease:** Quick access and fast replacement for worn-out impact pads.
- **Durable Framework:** Electro-galvanized frame resists corrosion.
- **Extended Durability:** Minimizes maintenance in the impact region.
- **Impact Bars:** UHMWPE top layer for belt movement, cushioning middle layer, and secure pad-fastening bottom layer.



SCAN THE QR CODE FOR:

- Application Videos
- Application Images
- Data Sheets



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SLIDER IMPACT BED

Length - 650mm

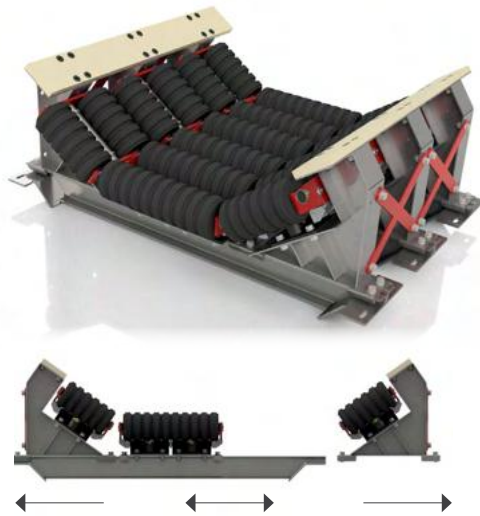


Modular design enables quick installation and maintenance. Tru-Trac® Slider Impact Beds are designed to protect your conveyor belt from impact damage caused by large rocks, which could halt operations. Our modular-style impact beds offer impact protection for the conveyor belt and help control spillage in the conveyor-loading zones.

MAIN FEATURES

- **Modular design:** for easy installation and maintenance.
- **Increased flexibility:** with a 650mm bed length and the ability to install multiple Slider Impact Beds consecutively.
- **Maintenance-friendly design:** Allows for quick replacement of worn impact beds.
- **Electro-galvanized frame:** Provides corrosion protection.
- **Long-lasting performance:** Reduces maintenance needs in the impact zone.
- **Impact bars:** with UHMWPE top layer for smooth belt gliding, rubber middle layer for impact cushioning, and lower layer for pad fastening.
- **Improved sealing:** when skirting rubber is installed on top of the Impact Bed.
- **Size:** 650mm in length, available in all belt widths.

DYNAMIC IMPACT BED



These beds are designed to absorb heavy aggregates falling from heights of 3.5 to 10m, safeguarding the belt from damage. They offer maximum shock absorption, reduce the velocity of falling rocks, support the belt, maintain skirt sealing, and enhance ease of product maintenance.

MAIN FEATURES

- **Design:** Consists of medium and heavy duty frames where the bed length is 1300mm long.
- **Corrosion protection:** The entire frame is painted to provide corrosion protection throughout the lifespan of the impact bed.
- **Adjustable Troughing Angle:** Design allows for easy adjustment of troughing angle.
- **Cost Effective**
- **Size:** 1300mm in length | Available in all belt widths

STANDARD IMPACT BED

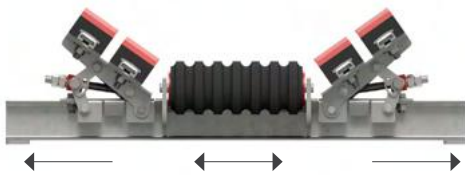


Tru-Trac® Impact Beds are designed to provide protection to your conveyor belt from impact damage caused by large rocks, which can disrupt operations. Our standard impact beds offer impact protection for the conveyor belt while also helping to control spillage in the conveyor loading zones.

MAIN FEATURES

- **Design:** Consists of medium and heavy duty frames where the bed length is 1300mm long.
- **Corrosion protection:** The entire frame is painted to provide corrosion protection throughout the lifespan of the impact bed.
- **Adjustable Troughing Angle:** Design allows for easy adjustment of troughing angle.
- **Cost Effective**
- **Size:** 1300mm in length | Available in all belt widths

SLIDE AND ROLL IMPACT BED

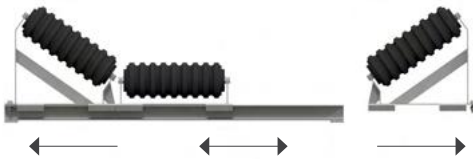


Tru-Trac® Slide & Roll Beds deliver superior containment in load zones. Constructed with durable UHMW slider bars and high-performance impact rollers, they ensure an effective seal with minimized belt drag. When combined with Tru-Trac® Slider Impact Frames and Beds, a comprehensive load zone system is achieved.

MAIN FEATURES

- **Easy Maintenance:** Removable troughs for hassle-free installation and service.
- **Optimal Belt Support:** Prevents belt sag and ensures ideal chute sealing.
- **Adjustability:** Wing panels adjustable from 15° to 60° trough angles.
- **Control:** spillage and dust at load points.
- **Durability:** Lined with long-lasting, low-friction UHMWPE bars..
- **Versatility:** Available in varied bed lengths and roll types.
- **Long service life:** and cost-effective part replacement.
- **Max Belt Speed:** 5 m/sec.
- **Temp Range:** -40°C to 82°C.
- **Materials:** UHMWPE, rubber and aluminum.
- **Belt Widths:** Available in all belt widths..

SLIDER TROUGH FRAMES



Slider Design enables quick replacement of worn idlers Tru-Trac® Slider Trough Frames give you the ability to change troughing rolls under the conveyor without having to lift the belt or remove adjacent belt idler frames. They are designed to fit into tight or confined spaces, ensuring proper belt rolling support and easy changeout.

MAIN FEATURES

- **Quick maintenance:** sliding mechanism allows for quick and easy access to change worn idlers.
- **Perfect for confined spaces:** the compact inline design allows the unit to be installed and maintained in hard to access areas.
- **Rugged design:** heavy duty design can be installed under loading chutes.
- **Corrosion protection:** the entire frame is electro-galvanised to provide corrosion protection throughout the lifespan of the Slider Frame.
- **Customised and manufactured:** to fit any manufacturers' rollers.
- **Compatible:** with all Idlers and Impact Idlers.

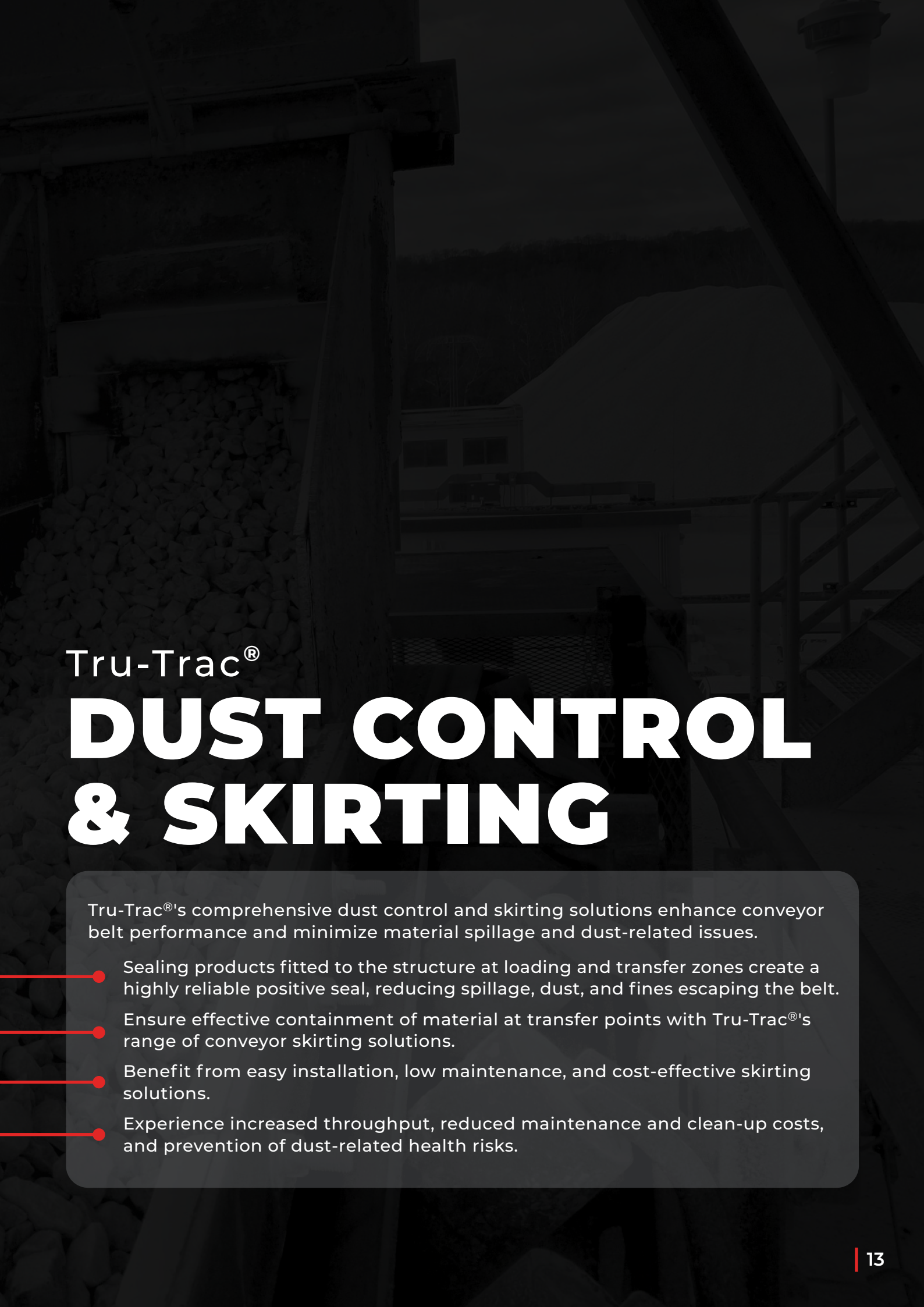
The ultimate solution for enhanced conveyor belt performance. These beds absorb impact and provide support, reducing damage and extending belt lifespan.





DUST CONTROL & SKIRTING

**EFFICIENT DUST
CONTROL AND
SKIRTING.**



Tru-Trac®

DUST CONTROL & SKIRTING

Tru-Trac®'s comprehensive dust control and skirting solutions enhance conveyor belt performance and minimize material spillage and dust-related issues.

- Sealing products fitted to the structure at loading and transfer zones create a highly reliable positive seal, reducing spillage, dust, and fines escaping the belt.
- Ensure effective containment of material at transfer points with Tru-Trac®'s range of conveyor skirting solutions.
- Benefit from easy installation, low maintenance, and cost-effective skirting solutions.
- Experience increased throughput, reduced maintenance and clean-up costs, and prevention of dust-related health risks.

ABOUT DUST CONTROL & SKIRTING

Tru-Trac®'s dust control and skirting solutions include sealing products fitted to the structure at loading and transfer zones. The skirting maintains contact with the belt to create a highly reliable positive seal, minimizing spillage, dust, and fines escaping the belt. Eliminating fugitive material will increase throughput, reduce unnecessary maintenance and clean-up costs, and prevent dust-related health risks.

Tru-Trac® offers a full range of dust skirting solutions designed to effectively contain material at transfer points on your belt. Our skirting solutions are easy to install, require little maintenance, and are cost-effective.

DUST CONTROL & SKIRTING TYPES

1

SKIRTING SYSTEMS

2

SKIRTING MOUNTING SYSTEMS

3

CANOE LINER

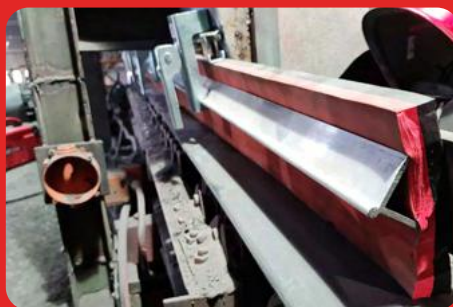
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DUST SUPPRESSION SYSTEM



DUST CONTROL & SKIRTING SOLUTION

SKIRTING INSTALLATIONS



SCAN THE QR CODE FOR:

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I-LOCK BLOCK SKIRTING RUBBER

Tru-Trac® I-Lock Block Skirting Rubber is the most effective chute sealing system available in the market. Its unique design allows for the skirting rubber blocks to match the profile of the conveyor and can be individually adjusted as each block wears. The Block Skirting system effectively reduces leakage of dust and spillage at the load zone. The Block Skirting system offers up to 12 times the life of traditional continuous skirting rubber.

MAIN FEATURES

I-LOCK SKIRTING BLOCKS



SIDE SKIRTING BLOCKS

Codes	Length	Adjustable Min-Max	Thickness	Height
SPISILOCK1500	1500	75	20	200

SIDE SKIRTING BLOCKS

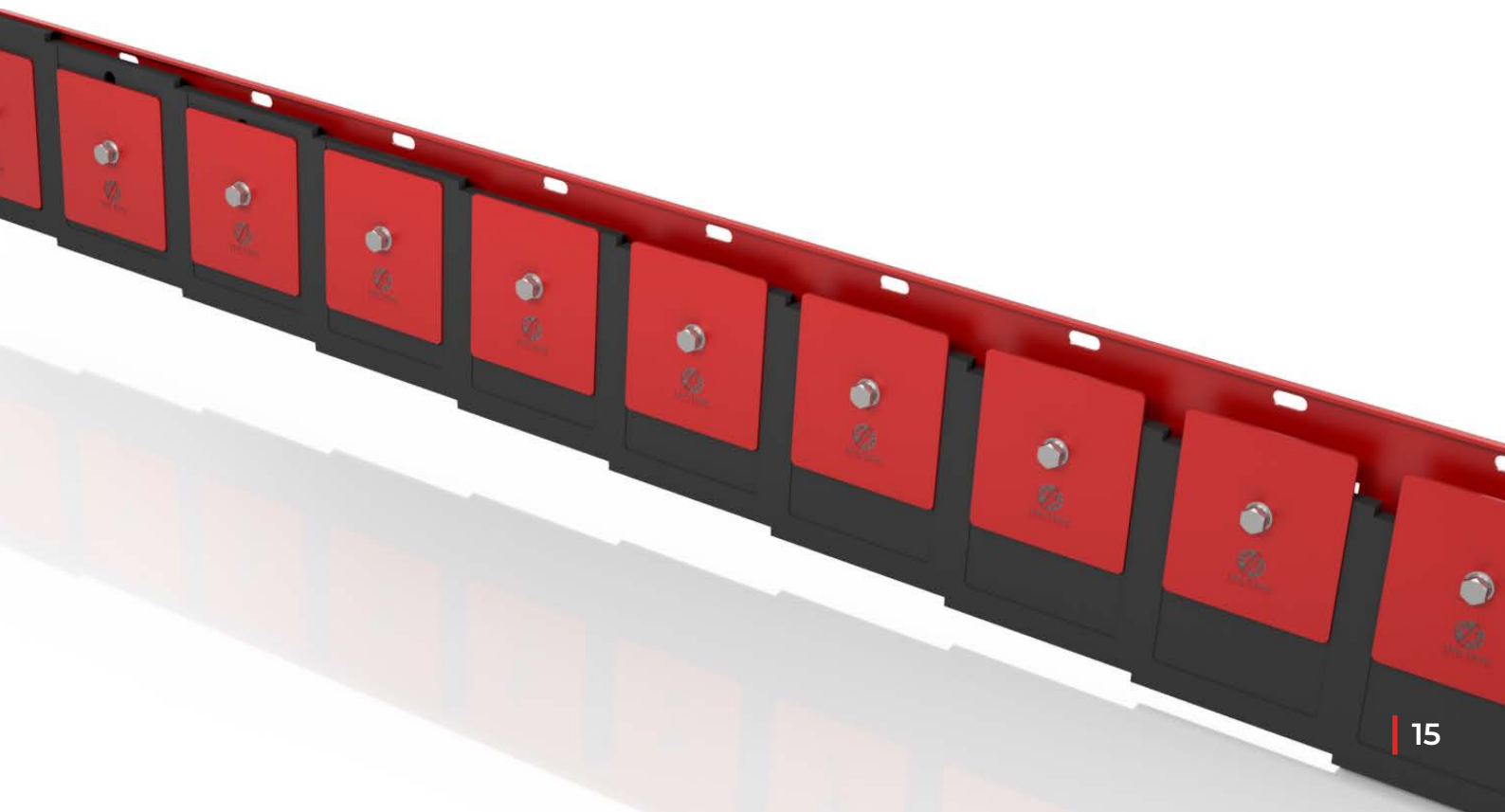
Codes	Length	Adjustable Min-Max	Thickness	Height
SPBLILOCK-197mm*	200	75	20	150

REAR SKIRTING BLOCKS (300MM HIGH)

- **For conveyor inclined upward:** or for those handling fines, the sealing of the rear of the belt is necessary.
- **The height of the rubber blocks:** are 300mm and are cut to match the profile of the troughing belt.
- **Available:** in 450mm - 2100mm lengths.

SIDE SKIRTING BLOCKS

Codes	Complete Side	Side Block	Height	Length
SPBLI50	SPRS -	SPBLI50	300mm	450- 2100mm



TRU-SEAL SKIRTING



Tru-Seal skirting consists of a double-layer Rubber/Polyurethane Composite skirting rubber. The polyurethane layer is wear-resistant, belt-friendly, and exceeds the wear life of traditional rubber-only skirting. Tru-Seal offers primary and secondary sealing sections for a highly effective dust containment and spillage skirting solution. The dimensions are 150mm x 17mm, and it is supplied in 5, 10, 15m rolls, compatible with the V-Lock mounting system.

MAIN FEATURES

- **Effective Dual layer sealing.**
- **Longer life.**
- **Belt friendly.**
- **Reduces dust leakage.**
- **Wear resistant.**
- **Low contact pressure.**

Thickness	17mm
Width	150mm
Length	5m, 10m, 15m rolls

B&R SEAL SKIRTING

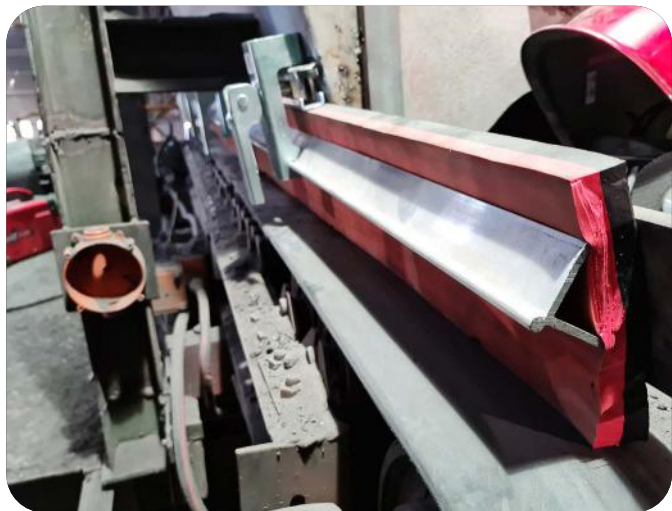


Provides Optimum Sealing and Minimum Wear. This dual-layer solution is designed for demanding environments. With an abrasion and cut-resistant lower half, it excels in impact-prone areas, while its inner rubber seal layer (65 durometer) maximizes wear and impact resistance. The dimensions are 150mm x 17mm, available in 10-meter rolls, and seamlessly compatible with the V-Lock mounting system.

MAIN FEATURES

- **Abrasive:** For optimum sealing and minimum wear on the conveyor belt, engineered for harsh environments.
- **Compound for optimum sealing:** and minimum wear on the belt (45 durometer).
- **Rubber seal:** compound for the best wear and impact resistant (65 durometer).

Thickness	25mm
Width	150mm
Length	5m, 10m, 15m rolls



TRU-SKIRT 1

Tru-Skirt Skirting rubber is a versatile continuous skirting rubber used for sealing and dust control in all conveyor applications. It is cost-effective and gentle on the belt's top cover, ensuring the prevention of material spillage at load points.



MAIN FEATURES

- **Triple Sealing Action:** uses 3 deterrents to stop fines and dust from escaping the load zone.
- **Exceptional Sealing:** on conveyors where dust is a problem, suitable for below ground and above ground applications.
- **Compatible:** with most mounting systems.
- **Available:** in various widths.

Thickness	20mm
Width	160mm
Length	10m

TRU-SKIRT 2

Ideal for all conveyor applications, it prevents material spillage and controls dust, providing a cost-effective and versatile solution. It creates an effective seal at load points without harming your belt's top cover.



MAIN FEATURES

- **Triple Sealing Action:** action uses 3 deterrents to stop fines and dust from escaping the load zone.
- **Exceptional Sealing:** on conveyors where dust is a problem, suitable for below ground and above ground applications.
- **Compatible:** with most mounting systems.
- **Available:** in various widths.
- **Specially developed rubber compound:** ensures smooth running without belt damage, ± 55 shore hardness.
- **Supplied:** in standard 10m rolls.

Thickness	20mm
Width	200mm
Length	10m

TRU-SKIRT 4

The universal sealing solution for all conveyor applications, effectively preventing material spillage and dust. It's a cost-effective, versatile solution designed to seal load points without harming your belt's top cover.

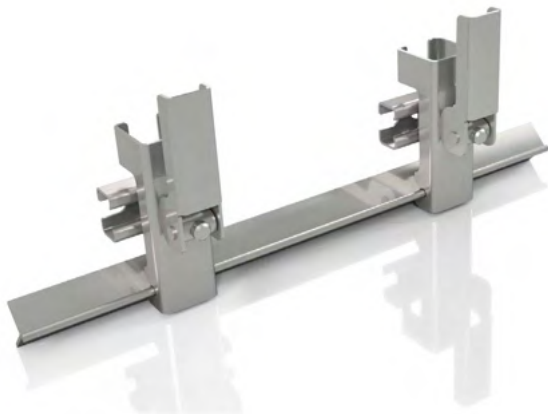


MAIN FEATURES

- **Triple Sealing Action:** action uses 3 deterrents to stop fines and dust from escaping the load zone.
- **Exceptional Sealing:** on conveyors where dust is a problem, suitable for below ground and above ground applications.
- **Compatible:** with most mounting systems.
- **Available:** in various widths.
- **Specially developed rubber compound:** ensures smooth running without belt damage, ± 55 shore hardness.
- **Supplied:** in standard 10m rolls.

Thickness	20mm
Width	300mm
Length	10m

V-LOCK CLAMP



The Tru-Trac® V-Lock Clamp secures skirting rubber, ensuring a positive seal.

MAIN FEATURES

- **Increased conveyor performance:** by helping eliminate spillage and dust in the loading zone.
- **Reduce conveyor downtime:** by the single clamp adjustment and release to allow repositioning or changing out skirting in minutes versus hours, without tools.
- **Rugged construction:** of our 225mm (high) x 1m (long) clamp provides effective locking ability for any type of skirting material.
- **Finish:** Available in powder coated or stainless steel.

MODULAR SKIRTING BRACKET



Tru-Trac® Modular Skirting Bracket effectively installs skirting rubber along the conveyor length, reducing spillage caused by roll back and overloading, ensuring proper conveyor operation.

MAIN FEATURES

- **Compatible:** with both clamp mounted continuous skirting or block skirting.
- **Easy mounting:** of skirting onto wear plate.
- **Modular system:** Installed in segments, this facilitates installation as and when conveyor is available.
- **Custom designed:** For retrofit on almost any conveyor.
- **Available Dimensions:** custom sizes available.



DUST CONTROL & SKIRTING SOLUTION

SKIRTING INSTALLATIONS



SCAN THE QR CODE FOR:

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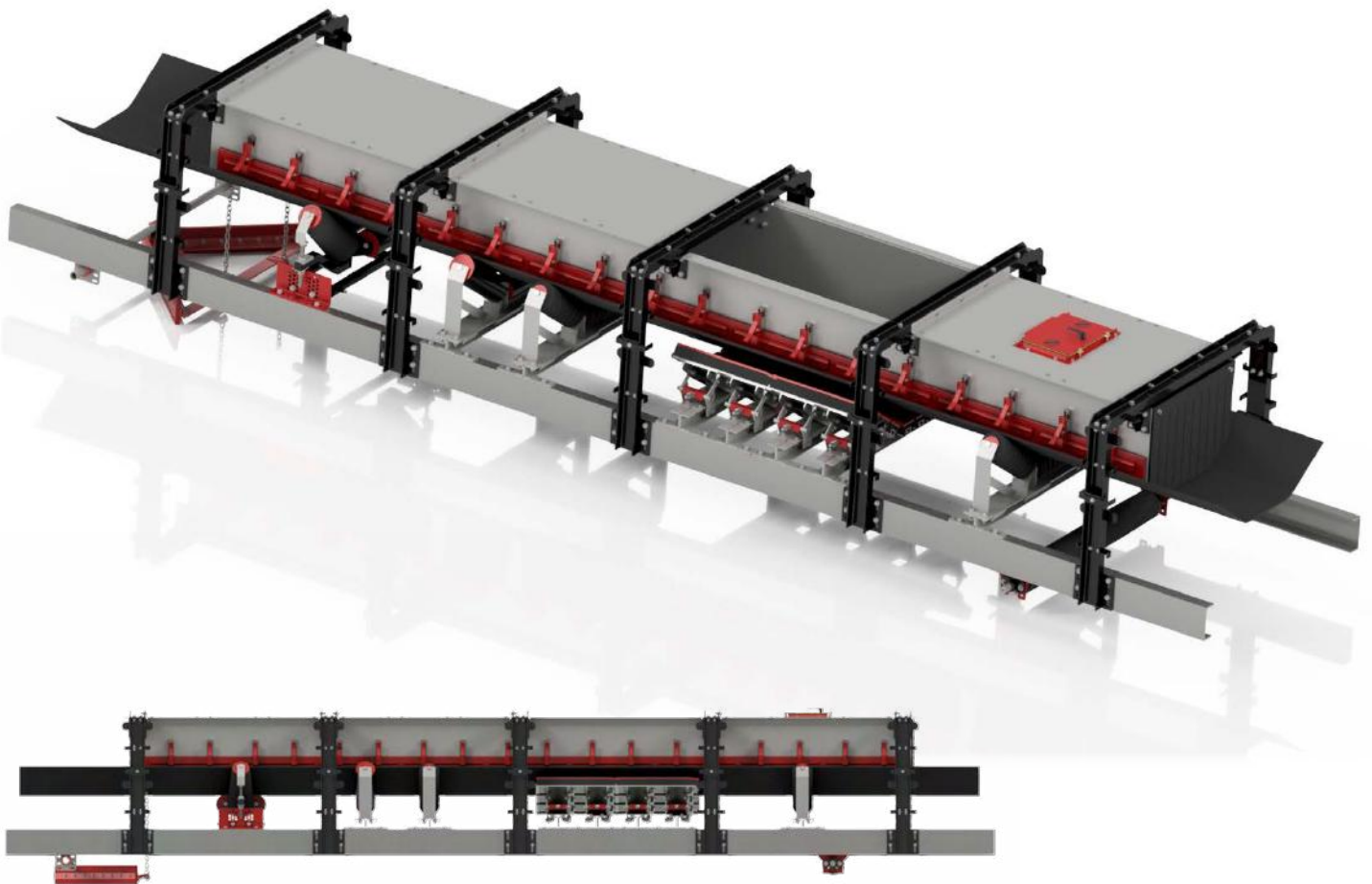
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ABOUT TRU-TRAC® PRO-ZONE

The Tru-Trac® Pro-Zone modular skirtboard is designed to reduce airborne and fugitive dust, mitigating product material loss and spillage while enhancing flow efficiency. Its versatile design allows for retrofitting on existing structures, providing an economical solution for sealing and containing your loading zone. What sets our Pro-Zone system apart is its modular design, which facilitates hassle-free component replacement without necessitating prolonged shutdowns. The installation process is straightforward and cost-effective, requiring minimal welding. This ensures your conveyor system is up and running in no time, with an improved, dust-reduced environment.

MAIN FEATURES

- **Sealing Options:** Tru-Trac® provides a range of internal liners, external skirt clamps and rubber and polyurethane sealing options depending on the application.
- **Easy Installation:** Our skirt legs can be mounted anywhere along your conveyor structure and are vertically adjustable with our horizontally adjustable skirt walls.
- **Customizable:** We custom design each Enclosed Skirt Board Sealing System to ensure the highest degree of customer satisfaction.
- **Easy Maintenance:** Internal liners and external skirting are vertically adjustable and easily replaceable.



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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