



TRANSFORMING TODAY'S
OPERATIONS WITH THE
SAFETY AND EFFICIENCY
OF TOMORROW.

Capability Statement

WWW.INNOVATIVEMINING.COM.AU



OUR MISSION

To be recognised as trusted partners of innovation, delivering not just promises but proven results.

TRUSTED PARTNERS IN INNOVATION

Innovative Mining Services was built on solving real operational challenges, from washdown inefficiencies and conveyor misalignment, spillage and dust control, asset visibility gaps and containment failures.

We partner with operations to deliver innovative, engineered mineral processing solutions that address safety, automation, asset management and lifecycle performance in an integrated way.

Every solution is grounded in operational reality and engineered to perform in the toughest environments.

National Capability. Global Reach.

Headquartered in Western Australia, supported by a manufacturing hub in South Australia, an East Coast branch in Queensland, and a global network, Innovative Mining Services delivers engineering, manufacturing and technical support across Australia and international markets.

Improve productivity. Eliminate risk

WHAT WE DO

By focusing on innovation and cost efficiency, we solve safety and productivity challenges.

HOW WE DO IT

By working with our clients to deliver cutting-edge, practical solutions that drive peak efficiency across operations.

OUR VALUES



Rise to the challenge

We push boundaries, take on the toughest challenges, and inspire each other to innovate, always striving to improve.



Straight shooters

We cut to the chase, stay focused, listen with intent, and treat others with fairness and respect, making us great partners to work with.



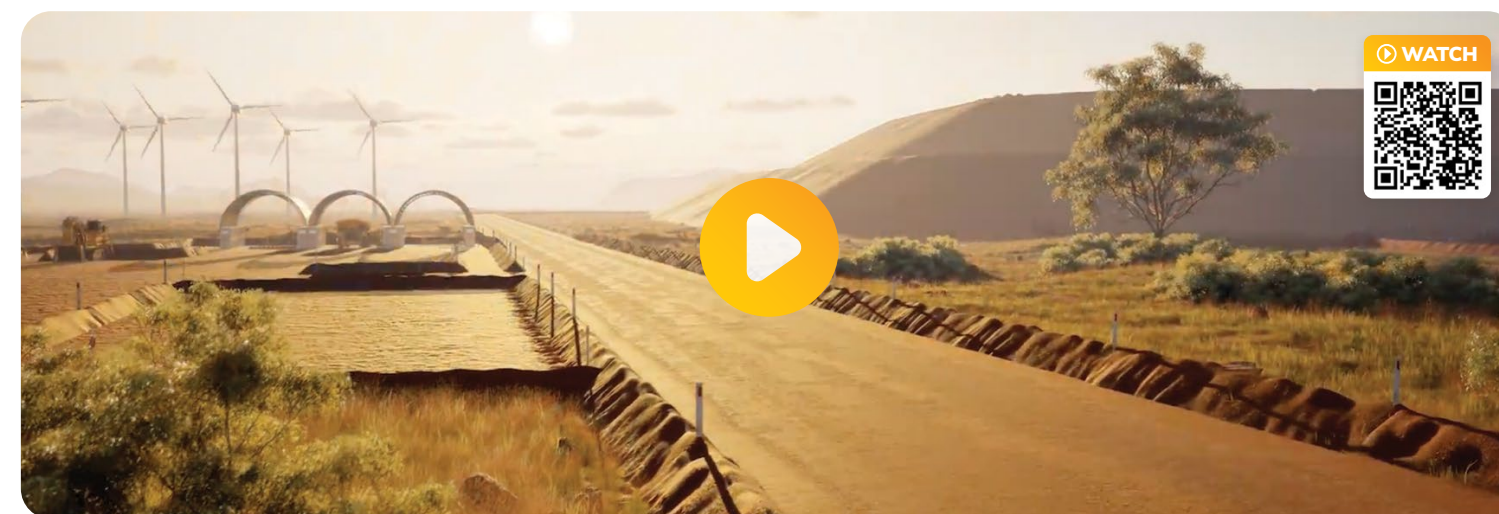
Do what's right

We strive for excellence by taking ownership, going above and beyond, and doing the right thing. If something needs doing, we ensure it gets done.



One team, one mission

We act like a team, we think like a team, and we win like a team. We bring out the best in each other so we can deliver for our customers.



WATCH



HEALTH, SAFETY & QUALITY

Health, safety and quality underpin everything we do at Innovative Mining Services. Our products and services are designed to remove risk, reduce exposure and support safer, more efficient mining operations.

Health & Safety

We prioritise proactive risk management through engineering controls and automation. By removing people from high-risk areas and eliminating unsafe manual tasks, our solutions help clients achieve stronger safety outcomes across their sites.

Quality

We are committed to delivering reliable, high-performance products built to withstand the harshest mining environments. Our systems, processes and manufacturing partnerships ensure consistency, compliance and continuous improvement.

OUR FOCUS

- Safer workplaces
- Reduced operational risk
- Robust quality systems
- High-reliability products
- Continuous improvement

ENVIRONMENTAL, SOCIAL AND GOVERNANCE (ESG)

ESG principles guide the way we design, operate and partner at Innovative Mining Services. Our focus is on practical, responsible solutions that support safer, more efficient and more sustainable mining operations.

Environment

We engineer products that reduce water use, minimise spillage, and lower environmental impact. Our designs prioritise efficiency and responsible resource management across all applications.

Social

We invest in people and communities through safe work practices, training, and partnerships such as our joint venture with Kake Australia, which supports Indigenous employment and regional participation.

Governance

We uphold strong governance, ethical conduct and transparency across all operations. Our systems ensure compliance with industry standards and reinforce trust with clients and partners.



CUSTOMISED SOLUTIONS TO SOLVE COMPLEX PROBLEMS

At Innovative Mining Services, we specialise in delivering custom solutions designed to address the unique challenges of our clients' operations. Our approach involves creating tailored systems and innovations that optimise performance in diverse environments.

We are driven by a commitment to innovation, continuously rising to the challenge of providing high-quality, bespoke design and engineering solutions.

Let's Optimise Your Operation

Whether you are seeking to improve washdown efficiency, increase asset visibility, reduce downtime or rethink processing performance more broadly, Innovative Mining Services delivers engineered solutions that create measurable impact.

BESPOKE SOLUTIONS PROJECTS



Kelly Filter Press Automated Washdown

A semi-automated washdown system designed to safely clean filter presses without manual intervention. The system eliminates high-risk manual washdown activities while improving cleaning consistency, reducing water use and significantly shortening maintenance downtime.



G2E / G2E-AI Washdown Technology

Our automated washdown systems are designed for rapid deployment in chutes, tanks and confined processing areas. Combining electric automation, precision nozzle control and optional AI capability, the system enables intelligent cleaning of hard-to-reach infrastructure while removing personnel from high-risk zones.

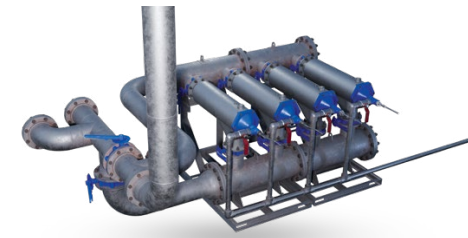


Quick Deployment Belt Splicing Stations

Belt maintenance stations engineered to support faster, safer belt splicing activities. Designed to streamline shutdown maintenance and reduce downtime during critical conveyor repairs.

INNOVATIVE PRODUCTS

These products play a critical role in improving safety, efficiency, asset visibility and operational performance across mining and industrial operations.



Stainless Steel Screen Filters

Our Stainless Steel Screen Filters delivers robust filtration for mining and industrial water systems. Manufactured from high-strength stainless steel, these filters remove debris from process and site water, protecting downstream equipment and improving operational efficiency. Automated backflushing maintains consistent performance while reducing maintenance.



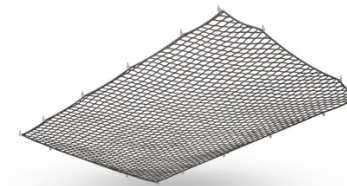
GuardianTrack GPS Tracking Unit

IMS GuardianTrack is an integrated GPS tracking solution purpose-built for the G1M PRO Washdown Cannon range. GuardianTrack delivers real-time asset visibility across large and complex mining operations, improving utilisation, reducing downtime and enabling proactive asset management.



Mobile Unit Cages

Our Mobile Unit cages are engineered with a single purpose in mind, making work on site safer, faster and easier. Designed for real site conditions, these units offer simple, robust performance without unnecessary complexity.



Lightweight Stainless Steel Net System

The IMS Lightweight Stainless Steel Net System is a high-performance drop protection solution engineered to contain spillage beneath conveyors, reclaimers and elevated plant.



BenStop GP 20/40 Door Brace

The GP 20/40 Door Brace is suitable for ISO general purpose 20- and 40-foot shipping containers. When in place, the brace fixes a single container door in a static 90° angle open position, preventing the door from moving inwards and outwards.



Safe-T Grip High-Pressure Hose Holder

The Safe-T Grip High-Pressure Hose Holder is a purpose-built safety tool designed to provide greater stability and control when operating high-pressure hoses. Lightweight, adjustable and easy to deploy, Safe-T Grip helps operators maintain better control of the hose while reducing physical strain and improving operational stability.

GUARDIAN G1M-PRO AND COMPACT OPTIONS

GUARDIAN G1M PRO

The G1M Mechanical Pro range can be used in corrosive and harsh water environments.

Key Benefits

- Efficient means of spillage management.
- Reduce water consumption.
- Divert spillage back in to drains for reprocessing.
- Effectively maintain areas with automatic system integration.
- Rugged construction
- Stainless steel components to extend life in caustic and high salinity environments.
- Standard with enhanced lubrication system.

GUARDIAN G1M COMPACT

The G1M Mechanical Compact range is light weight (15kgs) and mobile for maneuverability and rapid deployment.

Key Benefits

- Lightweight construction
- Designed for portability
- Quick connect mounting system



GUARDIAN G2M 2-AXIS IN-CHUTE WASHDOWN SYSTEM

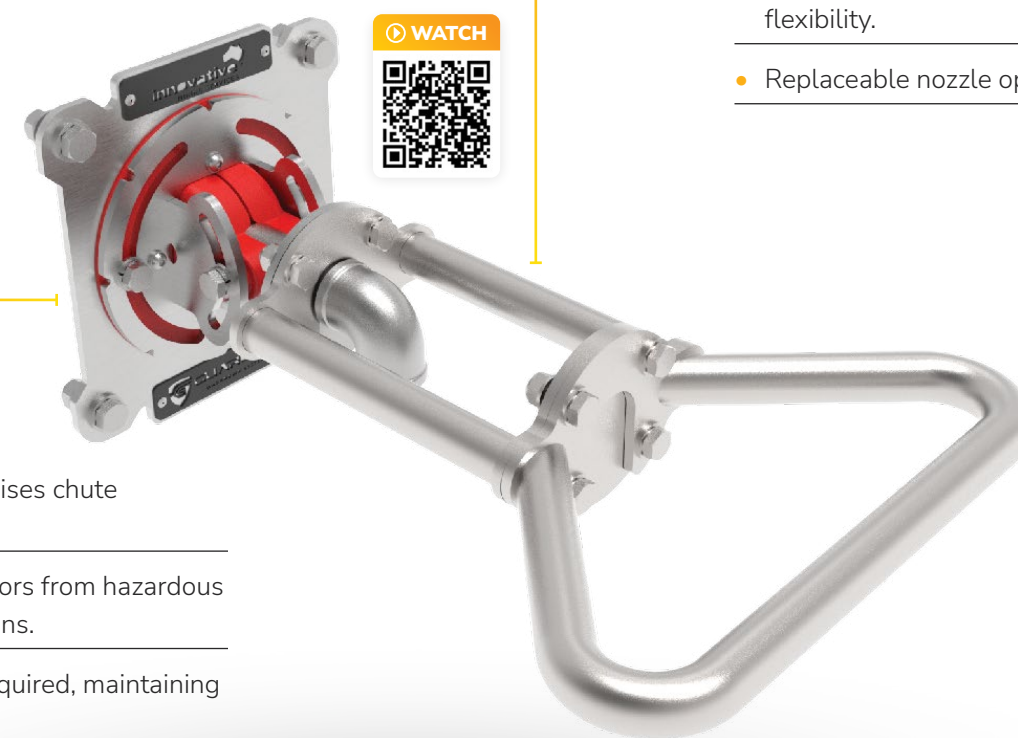
The Guardian G2M two-axis in-chute washdown system offers a safe washdown method for confined or limited access areas, reducing the risks associated with traditional hose usage in transfer chutes.

Key Benefits

- Efficiently minimises chute blockages.
- Removes operators from hazardous working conditions.
- No shutdown required, maintaining production flow.
- Simple installation for rapid deployment.
- Automates washdown and maintenance tasks.

Key Features

- Two-axis operation for versatile washdown.
- Robust stainless-steel construction.
- Lockable position for automated operation.
- Optional handle extensions for flexibility.
- Replaceable nozzle options.



What's it used for?

Designed for managing chute hang-ups in confined or hard-to-reach areas.

What problem does it solve?

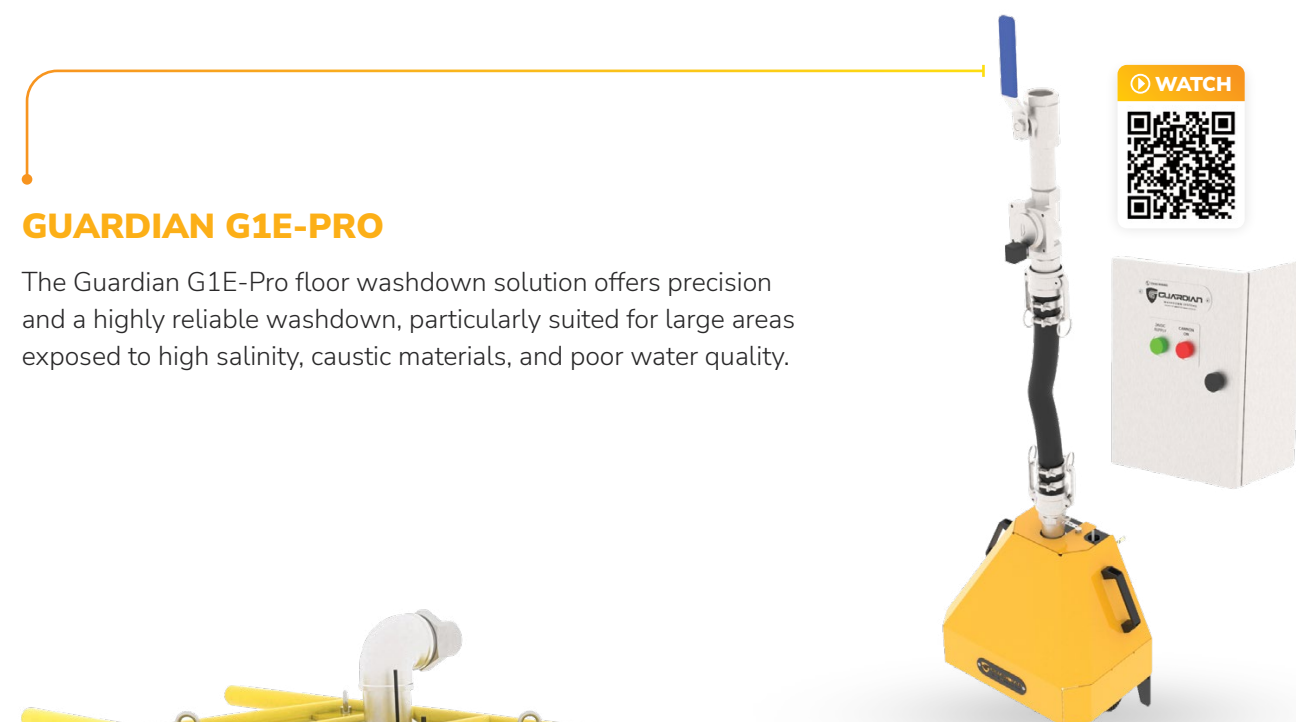
Provides safe, efficient clearing of chute blockages, reducing the need for manual intervention.

ELECTRIC WASHDOWN SOLUTIONS

The G1E and G2E single and dual axis systems are manufactured in stainless steel 316 L construction (marine grade, acid-proof), using brushless (BLDC) motors for long life, high torque and unmatched reliability. They include advanced control systems with joystick, radio remote, digital and analogue I/O for simple integration, progressive speed control, custom spray patterns, and automation.

GUARDIAN G1E-PRO

The Guardian G1E-Pro floor washdown solution offers precision and a highly reliable washdown, particularly suited for large areas exposed to high salinity, caustic materials, and poor water quality.



GUARDIAN G2E-PRO IN-TANK WASHDOWN SOLUTION

The G2E Pro robotic nozzles (rated up to 25bar) are for those who seek unmatched performance, cutting-edge control capabilities, and quality built to last in harsh conditions and utilised in inaccessible areas.



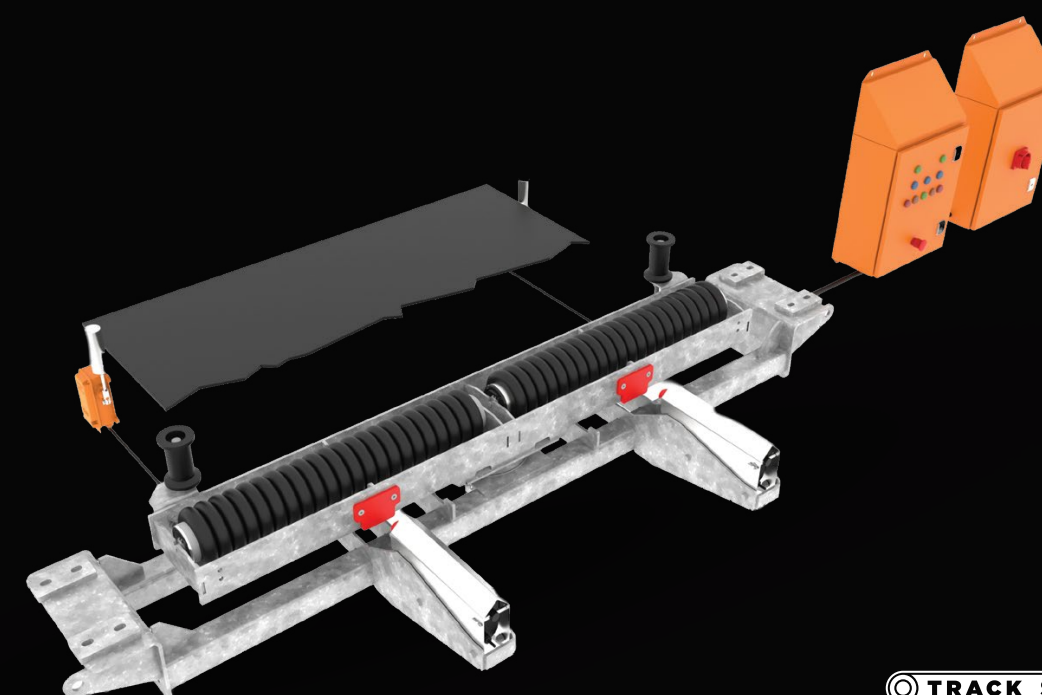
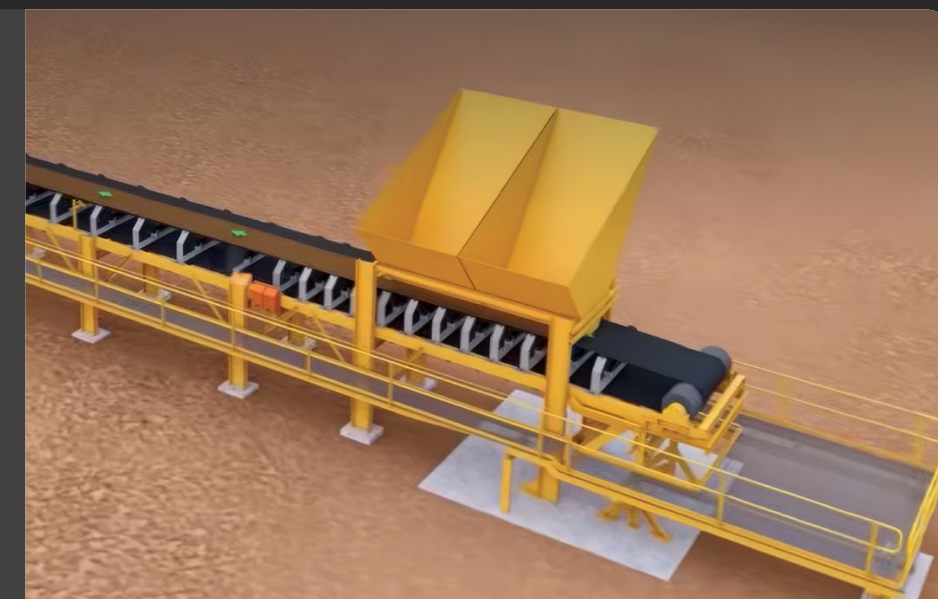
IMS CONVEYOR OPTIMISATION PLATFORM™

Conveyor mistracking is rarely the problem itself. It is often a symptom of changing conditions elsewhere in the conveyor system.

The IMS Conveyor Optimisation Platform™ goes beyond conventional belt tracking. Powered by the patented IMS Automatic Tracking Unit (ATU) Gen 2.0, it combines intelligent belt control, monitoring and operational data to help engineers understand how a conveyor is behaving, identify developing issues and make better maintenance decisions.

FEATURING

- Patented Neutral Bias Control™
- Adaptive Belt Position Management™
- Real time monitoring and diagnostics
- Predictive maintenance insights
- Remote access capabilities
- Intelligent automation



TRACK STRAIGHT
CONVEYOR ALIGNMENT PRODUCT

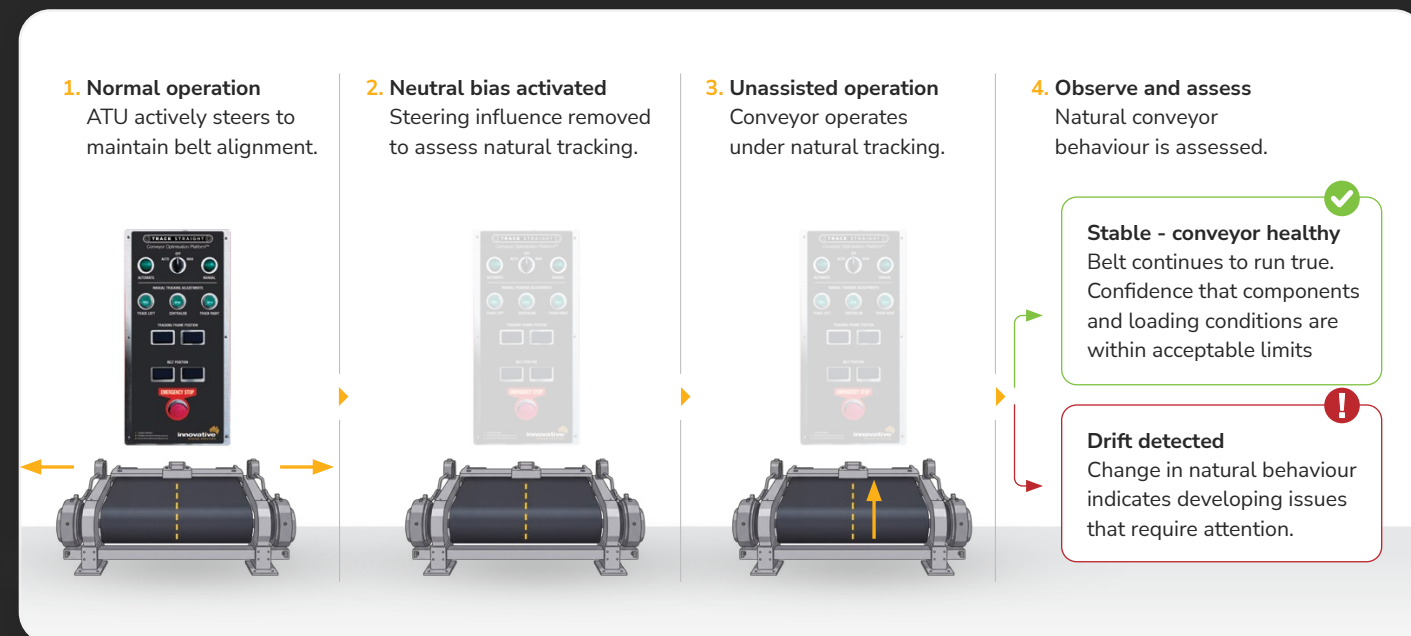
01. PATENTED NEUTRAL BIAS CONTROL™

Understand the Conveyor

Unlike conventional tracking systems that continuously influence belt position, the IMS ATU can temporarily remove its steering influence, allowing engineers to observe the conveyor's natural tracking behaviour.

Changes can help identify developing issues such as:

- Transfer chute or skirt wear
- Blockages or uneven loading
- Idler deterioration
- Pulley or lagging wear
- Structural alignment issues
- Belt condition or splice influences



**IMS Conveyor
Optimisation
Platform™**



Data collection
All ATUs and system events captured continuously.



Historical database
Stores and organises operating history from across the entire conveyor.



Trend analysis
Identifies gradual changes and developing issues over time



Actionable insight
Turns insight to support maintenance and reliability planning.

02. CONVEYOR HEALTH INTELLIGENCE

See the Bigger Picture

A conveyor cannot be understood from a single measurement point. The IMS platform combines belt position data from multiple sensing locations, where installed, to build a broader picture of conveyor behaviour.

Operating data can be recorded and compared over time, helping engineers identify trends, deterioration and changes in conveyor performance.

Historical intelligence supports:

- Condition-based maintenance
- Earlier identification of mechanical deterioration
- Maintenance effectiveness analysis
- Improved shutdown planning
- Prioritisation of inspections and resources

03. ADAPTIVE BELT POSITION MANAGEMENT™

Optimise Asset Life

Maintaining a belt in exactly the same position is not always the optimum operating strategy.

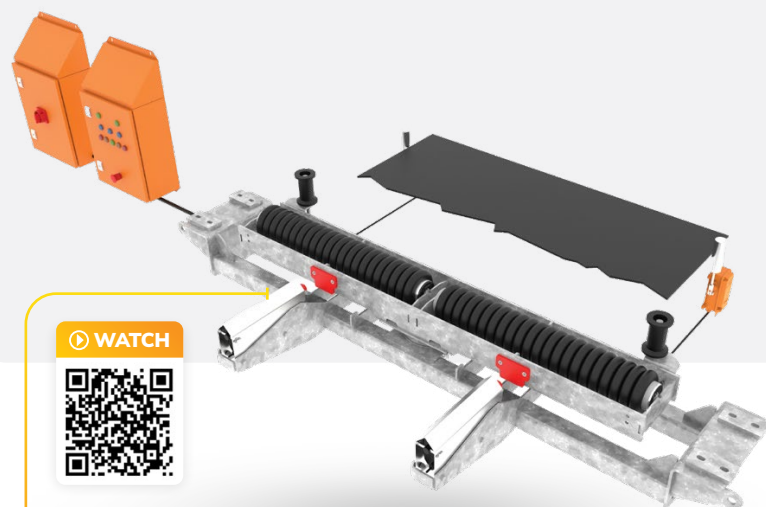
The IMS Conveyor Optimisation Platform™ can intelligently manage belt position within defined limits, distributing contact and wear across the belt width rather than concentrating it in one location.

Designed to help:

- Extend belt life
- Reduce belt edge wear
- Minimise hard skirt wear
- Maintain loading performance
- Reduce unnecessary actuator movement
- Lower long-term maintenance costs



CONVEYOR TRACKING AND ALIGNMENT SOLUTIONS



TRACKSTRAIGHT AUTOMATIC CONVEYOR TRACKING SYSTEM (ATU)

The ATU detects belt drift and automatically adjusts to reduce the risk of shutdown. This solution is ideal for conveyors experiencing tracking issues due to inconsistent feed or bias-loading. The system detects belt drift after a feed zone and can make adjustments prior to correct the issue.

What's it used for?

Ideal for large industry conveyors requiring consistent throughput and productivity.

What problem does it solve?

Solves belt tracking issues caused by chute wear, material type variations, and weather conditions.

Our cutting-edge conveyor tracking solutions effectively tackle common conveyor challenges like belt drift, misalignment, and spillage. These innovative mining products significantly reduce your manual maintenance requirements and upgrade your conveyor belt's operational efficiency, leading to significantly improved safety and productivity.

Minimise spillage and optimise conveyor performance with our cutting edge conveyor belt alignment and tracking technology.

Our conveyor products and solutions can provide you with the tools you need to significantly improve conveyor efficiency, maintenance, and safety.

TRACK STRAIGHT CONVEYOR ALIGNMENT PRODUCTS

Key Benefits

- Efficiently minimises chute blockages.
- Removes operators from hazardous working conditions.
- No shutdown required, maintaining production flow.
- Simple installation for rapid deployment.
- Automates washdown and maintenance tasks.

Key Features

- Two-axis operation for versatile washdown.
- Robust stainless-steel construction.
- Lockable position for automated operation.
- Optional handle extensions for flexibility.
- Replaceable nozzle options.

TRACKSTRAIGHT MANUAL CONVEYOR TRACKING SYSTEM (MTU)

The MTU enables operators to make safe, incremental adjustments to a conveyor frame online, reducing the need for live work and improving productivity.

Key Benefits

- Reduces clean-up costs by preventing misalignment.
- Removes the need for isolating conveyors to make adjustments.
- Eliminates live work, improving safety.
- Increases production uptime by preventing tracking issues.
- Fosters a safety-conscious culture.

Key Features

- Retrofits to existing conveyor systems.
- Optional proximity switch log for tracking adjustments.

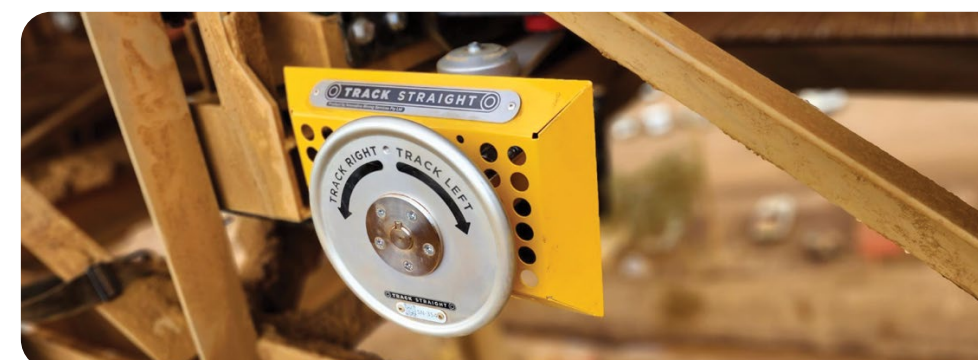


What's it used for?

Used for manually tracking conveyor belts online to improve productivity and remove unsafe behaviours.

What problem does it solve?

Eliminates the requirement to isolate conveyors to solve temporary misalignment issues.





KELLY FILTER PRESS AUTOMATED WASHDOWN SYSTEM

A fully integrated automated washdown

- Cleans every leaf, every cycle
- Removes the need for manual hosing
- Operates during the cooling phase
- Retrofits onto existing Kelly Filters
- Performs in hot caustic, high-scale environments
- Integrates seamlessly into live production

Proven Performance Improvements

- ~300kg less scale per end of life cloth change
- Stable startup flow maintained
- Reduced manual labour
- Increased online press availability
- More throughput per press



We do not walk away after installation

We provide:

- Installation Partner
- Commissioning Support
- Operator Training
- Servicing & Maintenance
- Ongoing Optimisation
- Long-Term Operational Partnership
- No descriptions under each



ENGINEERING CAPABILITY



DESIGN & ENGINEERING SERVICES

With highly skilled team members, innovative mindsets, and a holistic service offering, creating practical solutions for difficult problems drives us to deliver the best possible outcome for our clients. Seeking problems, creating solutions and providing engineering options to allow our customers to keep doing what they do best is what keeps our customers coming back.

DIX ENGINEERING PARTNERSHIP

Innovative Mining Services partners with DIX Engineering. With over a century of experience, DIX delivers precision engineering and fabrication solutions to some of Australia's most demanding industries, making them a natural fit as IMS's strategic manufacturing partner.

Operating from a 2,000 m² fully equipped facility, DIX Engineering combines fabrication, machining, foundry and process-engineering capabilities under one roof. Their in-house team of mechanical and electrical engineers, certified welders, machinists and foundry operators ensures each IMS product is manufactured to the highest standards of safety, quality and reliability.



CORE SERVICES

Fabrication and Machining
Heavy-duty and precision builds

Design and Drafting
Full in-house capability

Foundry Services
Custom metal castings

**Pump Reconditioning and Process
Equipment Manufacturing**

**Onsite Installation, Maintenance and
Repairs**

Certifications & Standards

- Certified welding to AS1210, AS4041 and ASME IX
- Integrated workshop and onsite delivery
- Proven safety, quality and environmental systems

LEADERSHIP



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**IMPROVING
PRODUCTIVITY.
REDUCING RISK.**



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