

# SAFESMART SNAPSHOTS

CONSTRUCTION - AVIATION - MINING - DEFENCE - TRANSPORT

## THE **5 STEPS** TO SUCCESS

### STAIRWAY TO INNOVATION

Faced with the need to access multiple sites for the Form Reo Pour (FRP), Josh worked diligently and collaboratively, to provide an off-the-shelf adjustable and versatile solution.

**PAGE 4**

## ENHANCING TRAM MANUFACTURING

SafeSmart Access supplied Alstom with a fixed gantry solution, facilitating efficient and safe access to critical areas during the tram manufacturing process.

**PAGE 6**

## PORTABLE LIGHTING SOLUTIONS

*HIGH PERFORMANCE LIGHTING YOU CAN RELY ON*

Deployable portable efficient lighting in one bespoke robust package.

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**EDITION 4**  
SEPTEMBER 2024

**TRADESHOW:**  
LANDFORCES 2024  
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**NON-DRILL:**  
WALKWAY BRACKET  
**PAGE 13**

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 **SAFESMART**  
**ACCESS**  
*Reaching new heights*





### Ben Taylor

Purchasing, Procurement  
& Logistics Manager

Over the past year, the Purchasing and Procurement team at SafeSmart Access has focused on enhancing efficiency and maximising value for our customers. We consistently audit our inventory and performance to accurately forecast future requirements, ensuring we have the correct stock readily available to address any height access challenge.

FROM THE

## PROCUREMENT MANAGER

We collaborate closely with all our internal teams to ensure a positive customer experience. Specifically, we work alongside our sales team on customer projects, striving to address every requirement efficiently.

Additionally, we partner closely with our R&D team to swiftly and cost-effectively introduce innovative new products to our range.

In response to global supply chain disruptions, we work closely with our shipping partners to optimise inbound logistics. This proactive approach has safeguarded our supply continuity and minimised potential disruptions.

Furthermore, strong relationships with our supplier network and strategic partnerships with reliable manufacturers, allow SafeSmart Access to consistently supply market-leading height access solutions. We continually track raw material costs and negotiate favourable contracts with our suppliers, ensuring that our customers receive the best prices without compromising the high-quality standards of our products.

Looking ahead, our focus remains steadfast in continually improving our purchasing and procurement processes. By fostering enduring partnerships with suppliers and remaining proactive in our approach to supply chain management, we are well-positioned to navigate future challenges effectively. This approach not only strengthens our resilience but also ensures that we consistently exceed our customers' expectations by delivering timely and reliable solutions.

On behalf of the team, we hope you enjoy this edition of our SafeSmart SnapShots.



**PROSCAF**  
*Effortlessly Simple. Infinitely Versatile.*



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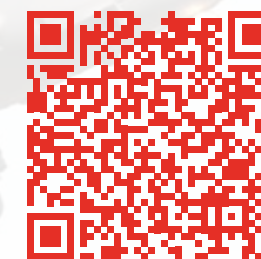
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## 5 STEPS TO SUCCESS STAIRWAY TO INNOVATION

*An ambitious project, pivotal for the Southern Redland Bay Region's future and the Logan River's ecological health, required innovative and reliable solutions during the construction of the site's waste water treatment tanks.*

### 1. SCOPING

The SafeSmart Access team visited the construction site to understand the project's unique challenges. During scoping, Josh Sanderson identified key aspects such as task requirements, crew preferences, and the current project timeline. Faced with the need for multiple access points into a Form Reo Pour (FRP) structure of tank walls, Silverstrand sought a solution that was efficient, adaptable, safe, and compliant with existing standards.

### 2. SOLUTIONS

After a close and thorough examination of the site, AdjustaStairs presented the best solution for the site's needs

during the current pours and those to come. This decision was driven by a deep understanding of the project's unique requirements and AdjustaStairs extensive features. The innovative adjustable design and compliance with AS/NZS 1576.1: 2019 standards, facilitated quick and safe access to the sides of the formwork and into the tank cavity.

### 3. COMMERCIAL PROPOSAL

AdjustaStairs was pivotal in achieving Silverstrand's goal due to its unique blend of adaptability, safety, efficiency, and compliance - attributes that aligned perfectly with the projects demand.

**Adaptability and Efficiency:** AdjustaStairs' adaptability minimised downtime by allowing rapid reconfiguration of access points as the project's needs evolved, fostering both time and cost savings.

**Safety and Compliance:** With robust safety features like handrails and anti-slip surfaces, AdjustaStairs significantly reduced accident risks, ensuring a safer working environment.

**Operational Benefits:** The ease of deployment and reconfiguration of AdjustaStairs led to operational efficiencies, maintaining optimal work pace and facilitating the achievement of critical milestones.

### 4. DELIVERY

The deployment of AdjustaStairs across the project site marked a significant milestone in the delivery phase of the Shoreline Wastewater Treatment project. Silverstrand reported substantial savings in downtime, attributing this success to the adjustability and easy installation of Adjustastairs, which facilitated seamless access to various construction zones.

By simply fixing the top stairs to the formwork timber platform, the stairs could be lowered by crane into the cavity, and secured to scaffolding decks for a comfortable angle of egress.

### 5. THROUGH-LIFE SUPPORT

As the Southern Redland Bay Wastewater Treatment Plant progresses through its various construction phases, the dynamic nature of the site requires solutions that are not only adaptive but also durable. AdjustaStairs land into this niche perfectly, offering a blend of robust construction and flexibility that is essential for evolving project landscapes.

While AdjustaStairs are designed for minimal maintenance, recognising that unexpected incidents can occur is important. In the event of such incidents, responsive support and easy-to-implement

maintenance solutions ensure that any potential downtime is kept to an absolute minimum with parts kept on hand by SafeSmart.

### THE RESULT

The integration of AdjustaStairs into the Southern Redland Bay Wastewater Treatment Plant construction project has yielded significant positive outcomes. AdjustaStairs offer solutions to ensure seamless transitions between different construction phases, including batter access, excavation, and void access.



**DISCOVER**  
**ADJUSTASTAIRS**





*As part of Alstom Transport Australia's strategic initiatives to enhance tram manufacturing efficiency and safety at Dandenong, the Car Body Fabrication Gantry delivered by SafeSmart Access plays a crucial role in facilitating easy access to critical areas of tram production.*

In securing a ground-breaking €700 million contract with the Department of Transport Victoria, Alstom Transport Australia has solidified its position in the rail manufacturing sector. The agreement includes the production of 100 Flexity low-floor Next Generation Trams (NGTs) for Melbourne, with deliveries starting in 2025. This contract is historic because of its scale as the largest light rail contract in Australia and its emphasis on local content and manufacturing.

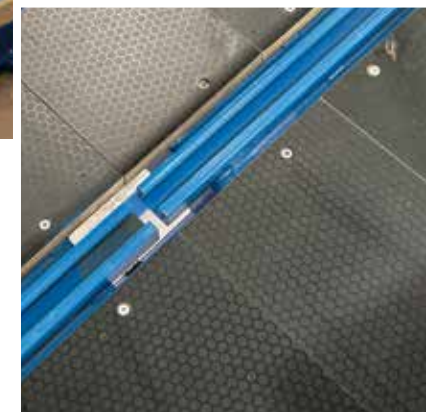
Alstom has committed to producing 65% of the trams locally, with 85% of the maintenance tasks handled within Victoria. Such commitments highlight the company's dedication to

boosting local economies and creating robust job opportunities.

The Car Body Fabrication Gantry delivered by SafeSmart Access is critical to manufacturing and future vehicle inspections. Engineered for accessing and supporting the Tram Car Body walls while welding, this versatile platform is designed for safe, efficient, and compliant access. Its application is critical in ensuring that the manufacturing processes align with the stringent safety and operational standards outlined by AS 1657:2018.

The innovative design and functionality of the gantry stood out for its compliance and adaptability. Manufactured from a combination of steel and

aluminium, it encapsulates the advantages of both materials, including strength, durability, and improved handling.



With dimensions spanning 20 meters in length, 1 meter in width, and 2.4 meters in height, the platform is engineered to meet the specific requirements of Alstom's tram production.

Using the Car Body Fabrication Gantry delivered by SafeSmart Access is pivotal in constructing the Flexity Next Generation Trams. Crews are utilising these platforms to safely and efficiently access the upper components of the tram. The platform's design ensures workers have stable, secure access that complies with safety standards, facilitating a smoother and safer assembly process.

Durability is another critical feature of these platforms. The steel & aluminium construction offers durability that enhances workplace safety and offers long-term cost savings by reducing the need for frequent replacements.

Choosing SafeSmart as the supplier for these platforms underscores Alstom's commitment to quality and safety. Known for their robust and adaptable designs, SafeSmart's platforms are a crucial investment in ensuring that tram production meets the highest standards of quality and efficiency.

This partnership highlights the importance of integrating top-tier equipment in complex manufacturing settings, ensuring that every aspect of production is aligned with industry best practices.

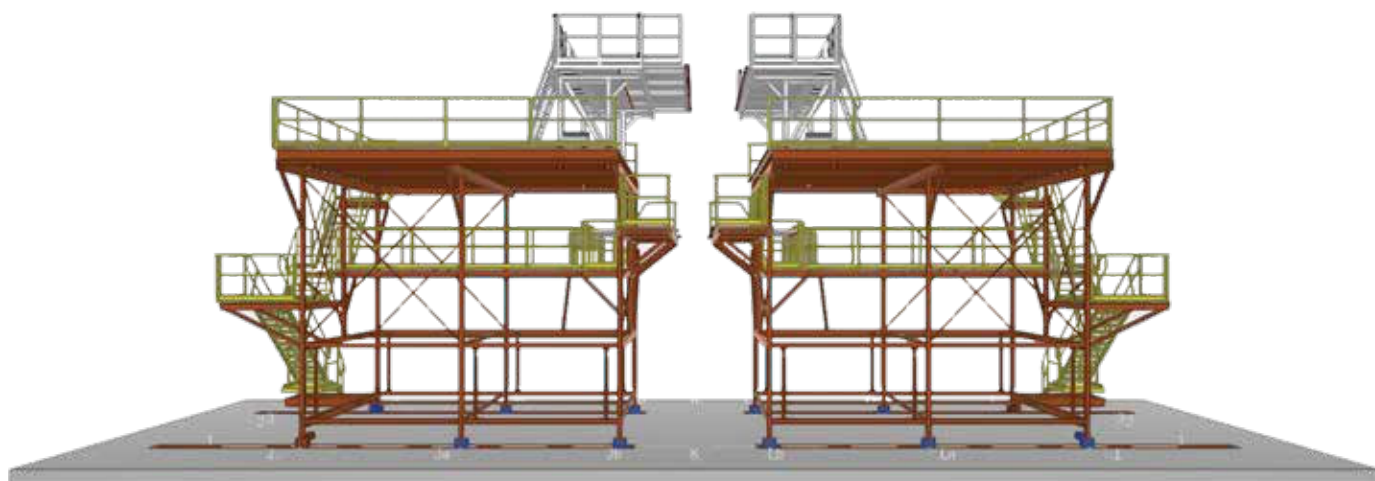


# DEFENCE PROJECT

## SOUTH AUSTRALIA

With the contract including design and delivery of the product for Defence, there were several trades involved in the delivery of the project: electrical, pneumatic, hydraulics, static lines, crane and rigging, and structural grouting.

The Tail Docking delivered a functional maintenance dock for the exciting new capability, the incoming MC-55A 'Peregrine' Aircraft. The docking is a permanent, mechanised tail access, constructed from a combination of steel and aluminium for the structure. With several unique features brought to the table in design by SafeSmart Access which included; sliding fingers with swiveling end caps – these allow the docking to close all gaps to the aircraft matching the profile precisely, AdjustaStairs – a self-levelling stair that provides compliant stair access regardless of the height setting of the docking across the height range, folding end protection panels – which can be engaged from behind an edge protected area, light-weight sliding platforms – manufactured from aluminium, ensuring a easy installation process for the user.



Our newest brochure, the 'Projects Brochure', demonstrates the recent projects undertaken by SafeSmart Access.

Get exclusive insight on completed, current, and upcoming projects!

**DOWNLOAD THE  
PROJECTS BROCHURE**



## ST FERRER PROJECT

**BUILDING WORKS & FACADE REMEDIATION WITH PROSCAF CATCH FAN NETTING SYSTEM**

### 1. SCOPING

The initial phase of the project was dedicated to a comprehensive understanding of the intricate requirements posed by St Ferrer's building works and façade remediation. The project site, adjacent to bustling laneways that needed to remain accessible to the public. In collaboration with St Ferrer, SafeSmart Access meticulously crafted a solution that addressed the dual imperatives of safety and operational continuity.

### 2. SOLUTION

Recognising the unique challenges of the site, SafeSmart Access team devised an innovative custom solution leveraging the infinitely versatile Proscaf system. The proposed solution was a 3.0m cantilevered catch net system, incorporating triple-layer debris netting to maximise safety and efficiency. The solution was tailored to seamlessly integrate with the existing

structure, ensuring the laneways remain open and safe throughout the duration of the works.

### 3. PROPOSAL

SafeSmart Access presented St Ferrer with a detailed proposal, encompassing engineering drawings and conceptual frameworks. The proposal also included a supply and install package with 'Scaffolding Solutions', a Proscaf delivery partner. Every facet was considered in the proposal and tailored to meet the rigorous demands of the project, from engineering to logistics.

### 4. DELIVERY

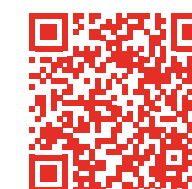
The delivery phase was executed with precision and efficiency. SafeSmart Access oversaw the installation of the catch netting system. The installation process was orchestrated with minimal disruption while ensuring the highest standards of safety and quality were upheld.

### 5. THROUGH-LIFE SUPPORT

SafeSmart Access can offer support for your project with regular inspections and maintenance of your SafeSmart investment. This ensures peace of mind, knowing the system would perform reliably throughout a project's lifecycle.

### THE RESULT

The result was nothing short of exceptional. The custom-designed Proscaf Catch Fan Netting system exceeded the client's expectations. It ensured public safety and allowed laneways to remain open to the public. The success of the project is a testament to SafeSmart's reputation as a trusted partner in height access and safety solutions.



Send us your Scope  
for a free assessment!





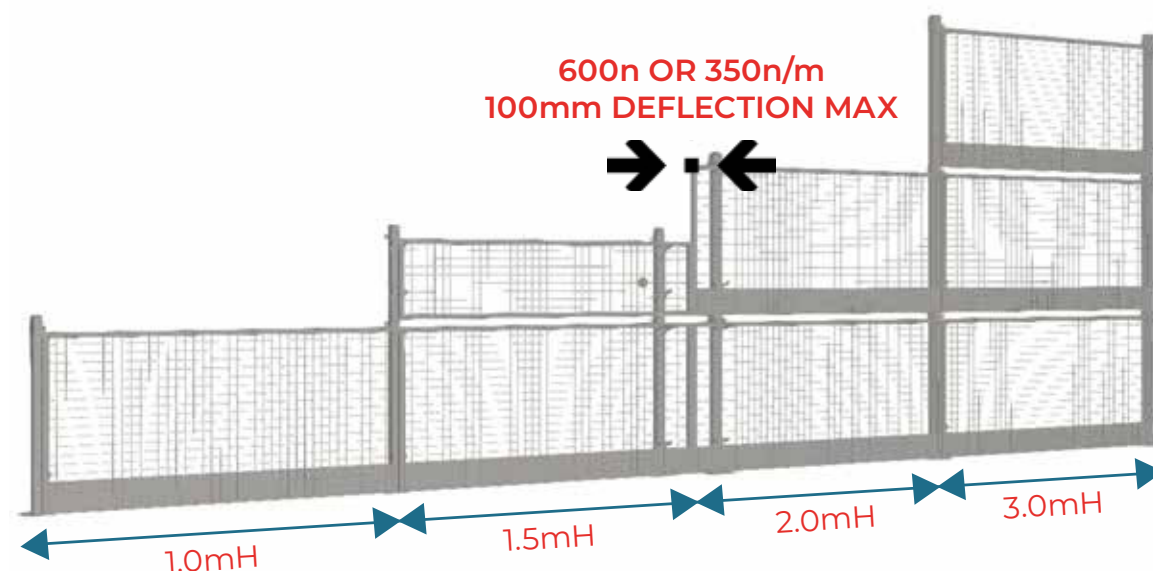
1.5mH AdaptaPanel

1.2mH Steel Waling Beam  
Edge Protection

## ADAPTAPANEL

**ADAPTABILITY. FLEXIBILITY. VERSATILITY.**

This edge protection system features a heavy-duty framed panel arrangement to withstand site conditions, as well as slide-in panels making, AdaptaPanel is fully modular and allows for ease of disassembly and redeployment at another site. Posts bolt to the slab edge, giving it market-leading structural integrity in comparison to traditional scaffolding-type edge protection systems.



600n OR 350n/m  
100mm DEFLECTION MAX



**ORDER**  
200m of 2mH or 3mH  
AdaptaPanel & receive a  
**FREE YETI M30 HOPPER**  
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Valued at \$500 RRP (strictly while stocks last)



## SUPERCARGE SAFETY AND EFFICIENCY THROUGH THE IMPLEMENTATION OF A SCAFFOLD REDUCTION AUDIT

SafeSmart Access is Australia's leading supplier of height access solutions to the Mining Industry. Starting from humble beginnings in Australia, the SafeSmart team has experienced substantial growth, now operating with strategic locations worldwide. SafeSmart is dedicated to enhancing safety and efficiency for mine sites globally, establishing themselves as a trusted partner in height access equipment.

One of the many ways that SafeSmart proactively assists mine sites across Australia is by reducing scaffold scopes and minimising costly downtime. Spearheaded by a team of highly skilled engineers, our industry specialists will work diligently with on-site teams to closely scope and evaluate maintenance and work procedures, and develop solutions that achieve maximum safety, efficiency, and cost-value.

This Scaffold Reduction Audit methodology has earned SafeSmart Access a global reputation for client success. Tier 1 companies such as BHP, FMG, Glencore, and others trust SafeSmart Access to improve site safety and efficiency by identifying and eliminating unnecessary or long-term scaffolds with innovative mobile or fixed work platform solutions.

### HOW SCAFFOLDING IS COSTING YOU

Scaffolding is one of the most common causes of worksite injuries in the Mining industry, and working at height is one of the leading causes of death across all industries. Taking the right precautions and investing in the appropriate equipment can significantly reduce the unnecessary risk of workplace accidents.

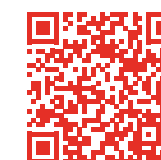
Scaffolds are inherently immobile and take up a significant amount of space. Additionally, the costs associated with scaffolding are substantial, encompassing not only the initial construction but also ongoing maintenance and labour expenses.

#### Ongoing costs include:

- The need for contractors on-call
- Scaffold hire and cost of material over long-term durations
- Additional parts & personnel that may not be readily available during short breakdown and maintenance timeframes
- Recurring scaffold inspections and tagging of every scaffold prior to use

### THE SCAFFOLD REDUCTION AUDIT

To engage the SafeSmart team and experience the benefits of having SafeSmart scope your requirements, scan below and submit a request!



### THE SCAFFOLD REDUCTION AUDIT

The Scaffold Reduction Audit process has been instrumental in the success of many large mining companies worldwide, by streamlining operational and maintenance processes. The outcomes of these audits have resulted in significantly reduced downtime, enhanced worker safety and efficiency, and eliminated unnecessary labour and material.

#### ADVANTAGES OF COMPLETING A SCAFFOLD REDUCTION AUDIT

- Significant reduction in subcontracting requirements.
- Lower risk and the amount of scaffold structures on-site.
- Reduce staff outlay to subcontractors.
- Improved work methodologies and reduced downtime.
- Decreased labour requirements.
- Reduction of scaffold material stored on-site.

#### WHEN YOU PARTNER WITH SAFESMART ACCESS

- Comprehensive product safety, compliance documentation, assembly, operating, and maintenance instructions.
- On-site assistance with product training or commissioning.
- On-site product maintenance checks and reporting: SafeSmart technicians will visit your site to assess the quality of your SafeSmart Access products and identify any required repairs or spare parts.
- Engineering Support: Assistance from SafeSmart's in-house engineering team for specific temporary works applications needed for your site.



**COMING SOON....**

# NEW PORTABLE LIGHTING SOLUTIONS



**TL-500** LUMENS  
65,000

**Battery Capacity**  
(Endurance in ecological mode)  
**100+ Hrs** D24-500

TL-500 cuts both equipment and life-cycle consumption / transportation / maintenance costs compared to the traditional fuel generator tower.

**TL-300** LUMENS  
14,000

**Two different battery capacities**  
(Endurance in ecological mode)  
**36+ Hrs** D24-54 **71+ Hrs** D24-100

Portable lighting tower with quick-release tripod legs and retractable extension pole. Ultra-low centre of gravity and extended legs provides unrivaled stability against the elements.

**TL-100** LUMENS  
4,000

**Two different battery capacities**  
(Endurance in ecological mode)  
**22 Hrs** D24-54 **44 Hrs** D24-100

World's lightest portable light tower allowing for swift operation. Lamp head extends up to 1.4m and its Light-weight design & built-in handgrip allows for ease of deployment.

**PT-200** LUMENS  
12,000

**Two different battery capacities**  
(Endurance in ecological mode)  
**9+ Hrs** D24-54 **19+ Hrs** D24-100

A remote pan-tilt light that allows 360 degrees horizontal and 180 degree vertical rotation.

# NEW RELEASE



## WALKWAY BRACKETS

This new and innovative system utilises standard NON-DRILL components, and fabricates cantilevered walkways with no compromises on safety. The NON-DRILL Walkway System complies with **AS 1657:2018**, the adjustable post/brace bracket creates walkways of up to 800mmW.

## FEATURES

- Uses standard NON-DRILL components to create cantilevered walkways.
- External handrail height up to 1000mmH.
- Adjustable Post/Brace bracket to create walkways up to 800mmW
- Minimum concrete MPa to be 32 MPa
- Anchor Options: 2.5t/5t (one anchor, M16/M20 ferrules.
- Applications: Precast Walls, Retaining Walls, and Capping Beams.





NEW RELEASE



# CRANE BIN

## LIFTING CAGE FOR TRANSPORTING AND LIFTING MATERIALS AND EQUIPMENT

A heavy-duty crane-lift and forklift waste disposal bin for construction sites. Conquip Crane Bins are easy to use and are available in a range of sizes to suit varying applications on-site.



## FEATURES



- Lifting points for safe crane lifting and bin discharge.
- Robust, heavy-duty design to withstand rigours of construction sites.
- Range of sizes to suit varying site demands.
- 4-way entry fork pockets provide easy access and manoeuvre around site.
- Stackable for efficient, space-saving storage and transportation.
- Customisable with castor wheels, if required.

## PRODUCT DETAILS

PRODUCT CODE	TYPE	DIMENSIONS (mm)	WEIGHT (kg)	CAPACITY (litres)	WLL (kg)
400050	Small	L 1156 x W 1156 x H 1100	186	850	2000
400051	Intermediate	L 1716 x W 1156 x H 1100	307	1300	2000
400053	Large	L 2316 x W 1516 x H 1100	620	2400	5000
400052	Large	L 2316 x W 1516 x H 1100	448	2500	2000



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## INNOVATIVE PIPE LIFTING SOLUTIONS on M6 STAGE 1

**CONTRACTOR:** CPB, Ghella & UGL JV  
**LOCATION:** NSW, Australia

Efficiency, safety, and productivity are crucial in projects like Transport for NSW's M6 Stage 1 being delivered by the CPB Contractors, Ghella and UGL joint venture. A key solution in this project is the Conquip Excavator Mechanical Pipe Lifter, which has been an innovation for the unloading, transport, and placement of concrete stormwater pipes. This tool eliminates the need for forklifts or telehandlers with slings and chains, reducing the risk of personnel falling from truck beds and enhancing safety.

The pipe lifter employs a mechanically operated clamp that securely holds pipes during transport, offering a safer and more efficient alternative to traditional unloading and installation methods. It minimises the necessity for ground workers to be in the trench during installation and replaces risky slinging techniques. This not only speeds up the process but also significantly lowers safety hazards, making the pipe lifter an essential asset for success of the project.

The adoption of the innovative Excavator Mechanical Pipe Lifter proved to be a game-changer for the project. Its speed, safety enhancements, and elimination of manual labour made it the ideal solution for handling concrete stormwater pipes. The product exceeded expectations, paving the future for innovative pipe laying solutions.

## THE MECHANICAL PIPE LIFTER EXCELS IN:

**Boosted Efficiency:** Unloading concrete pipes becomes up to five times quicker than traditional methods. The speed of unloading not only increased efficiency but also reduced downtime.

**Enhanced Safety:** Perhaps the most critical aspect, the Excavator Mechanical Pipe Lifter eliminated the need for workers to be on the back of a truck and in trenches. This dramatic safety improvement significantly reduced the risk of potential accidents and injuries on-site.

**Improved Productivity:** The product eliminated the need for manual lifting or rigging of the pipes. This not only saved time but also reduced physical strain on personnel.







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## **SAFESMART ACCESS & CONQUIP TERMS & CONDITIONS**

Valid pricing excludes GST and freight - E&OE. Offers are valid from 1 September 2024 until 30 November 2024. To receive the AdaptaPanel M30 Hopper promotion, quote promo code 'SSAPM30', offer is limited to 1 M30 Hopper per customer, per order. All promotion codes must be quoted at the time of purchase to receive a promotional offer. Not applicable to retrospective or future orders.