



SafeSmart

Edition 15

A Better Way™

Toronto

Regina

Vancouver

1-866 635 8818

Height Access Solutions
safesmartaccess.ca



SAFESMART GLOBAL

SafeSmart is a designer and manufacturer of end-to-end height access & edge protection solutions.

Across all industries, we work closely with clients to design and manufacture purpose-built steps, stairs, work platforms and any products that help to increase safety and efficiency on the worksite.

SafeSmart – and our specialist divisions, SafeSmart Aviation and Proscaf – have branches across Canada, Australia, New Zealand, UK, France, Chile, USA, and UAE. We understand the regulatory requirements for safety compliance in each region, and we design our products around those requirements.

HISTORY

Since 2007, SafeSmart Canada has provided products and completed access projects in a range of industries such as:

- Construction
- Mining
- Warehousing & distribution
- Oil, gas and resources
- Utilities
- Retail
- Defence
- Infrastructure
- Aviation
- Marine

THE SAFESMART SECRET

We have the resources and support staff to ensure we are at the forefront of every development in the demanding world of height access.

From our in-house design team to our production and independent certification procedures, our can-do attitude allows us to work closely with you to solve your needs and streamline your own workplace efficiency.

QUALITY MATERIALS. QUALITY WORKMANSHIP.



Whether it is for a standard product that is used for its versatility across many industries, or a custom-made product to specifically suit a particular need, SafeSmart only manufactures with high-quality marine grade aluminum or high-quality steel.

In-house fabrication of custom products is undertaken in our ISO-9001 certified factory by highly skilled tradespeople who have an eye for structural and aesthetic details.

All products go through a stringent quality assurance program before being shipped to our clients.



WHO WE SERVE

AECON



CONSTRUCTION

EllisDon

RioTinto

WESTJET



AIR CANADA



Canadian Natural

GRAHAM



ENBRIDGE

Nutrien

BHP

ALSTOM

METROLINX

 Government of Canada
Gouvernement du Canada

Canada



SAFESMART PROJECT DESIGN SOLUTIONS

OUR IN-HOUSE ENGINEERING TEAM OFFERS:



SITE SPECIFIC LAYOUT DRAWINGS



IFC/AFC DESIGN DRAWINGS



SITE SPECIFIC DESIGN CERTIFICATION



ON-SITE CONSULTATION/ SCOPING /
SITE WALKS



CUSTOM DESIGN TEMPORARY
WORKS SOLUTIONS



DESIGN ANALYSIS AND
RECOMMENDATIONS



*PROJECT DESIGN SOLUTIONS ARE APPLICABLE FOR SAFESMART PRODUCTS ONLY

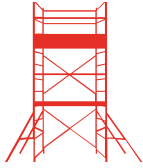
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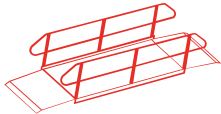
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STAIRS

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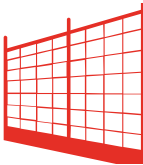
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RAMPS & WALKWAYS

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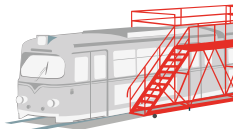
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EDGE PROTECTION

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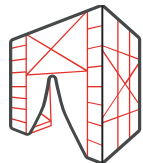
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CUSTOM ACCESS PROJECTS

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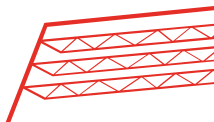
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PROSCAF

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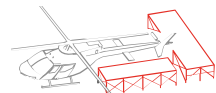
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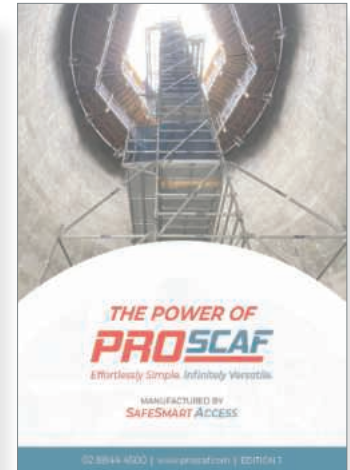
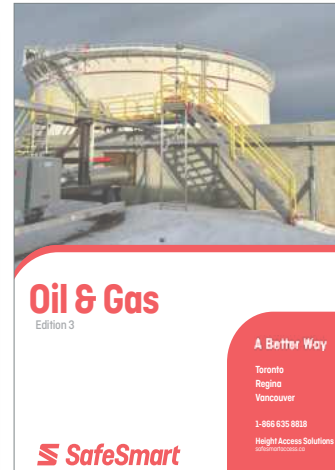
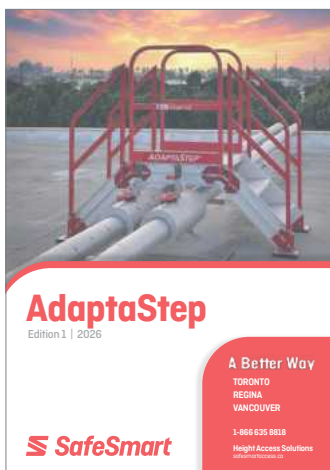
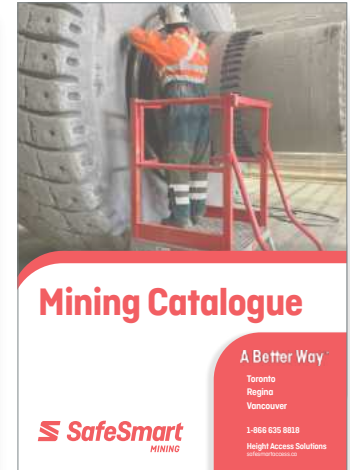
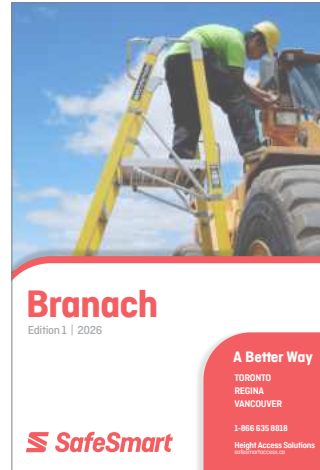
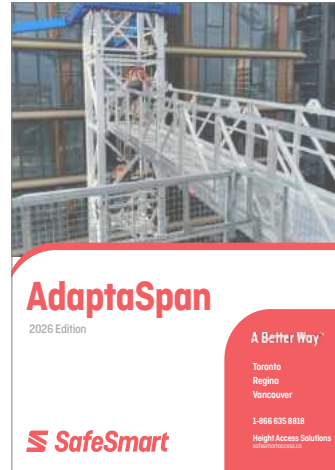
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SAFESMART ACCESS ONLINE LIBRARY CATALOGUES, BROCHURES, VIDEOS AND MORE





SECTION 01

LADDERS

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01 Ladders

WARTHOG PLATFORM LADDER

Code	Type	Size (Deck Height)
210093	2 Step	0.6m
210094	3 Step	0.9m
210095	4 Step	1.2m
210096	5 Step	1.5m
210097	6 Step	1.8m
210098	7 Step	2.1m
210099	8 Step	2.4m
210100	9 Step	2.7m
210101	10 Step	3.0m
210201	Spring Loaded Castor (ea)	
210128	Full Surround Safety Rail	



180KG
WLL

Complies with
Canadian OH&S

10 YEAR
Wear & Tear
Guarantee

- 10-year manufacturer’s warranty.
- Fully welded box section aluminum frame.
- Won’t twist like a standard platform ladder.
- Platform kick board stops slips & spills.
- Large comfortable platform & handrail for longer duration work.
- Folds flat for storage & transportation.



01 Ladders

WARTHOG PLATFORM LADDER

A CLOSER LOOK





01 Ladders

BRANACH LADDERS FIBREGLASS FPL SERIES

Code	Type	Deck Height
210336	2 Step	0.6m
210356	3 Step	0.9m
210317	4 Step	1.2m
210318	5 Step	1.5m
210319	6 Step	1.8m
210320	8 Step	2.4m
210321	10 Step	3.0m
210322	12 Step	3.6m

- Sturdy & durable.
- Lightweight design for ease of access.
- Single action set-up.
- Comfortable, non-restrictive 450mm wide platform.
- Non-slip hinged aluminum platform.
- Rubber feet.
- Optional back rail for all round protection.



150KG
WLL

**Electrically
Safe Fibreglass**

POWERMASTER FED - FIBREGLASS EXTENSION LADDER

Code	Closed Length	Extended Length
210350	3.9m	6.4m
210351	4.5m	7.6m
210352	5.1m	8.8m

- Fibreglass stiles ensure workers are isolated from the ground, making the product suitable for electrical work.
- Lightweight & effortless to deploy.
- Flat D rungs provide safety & comfort to the worker.
- Strongbox construction results in dramatic reduction in twist & sway.
- Branach latch or conventional latch available.
- Weather resistant.
- Swivel foot maximises grip on uneven ground.

160KG
WLL

**Electrically
Safe Fibreglass**

**Complies with
Canadian OH&S**





SECTION 02

ALUMINUM MOBILE SCAFFOLDING



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Ladders

Mobile Scaffolding

Work Platforms

Stairs

Ramps & Walkways

Edge Protection

Custom Solutions

Proscat

Accessories

Aviation Access



ALUMINUM MINI MOBILE SCAFFOLD

Code	Description	Max Plat. Height	Max Reach Height
210780	Standard Scaffold & Guardrail Set*	1.9m	3.9m
210781	Two level Scaffold & Guardrail Set & Outrigger Set (4) & Toeboard Set*	3.7m	5.7m
210011	Adjustable Height Castors (optional)	Priced each	-
210012	Toe Board Set	-	-

○ 1700mmL x 700mmW.

○ Perfect for indoor use & tight access.

○ Unique channel locking platform.

○ Minimal bracing required, reducing assembly time.

○ Open sided for unobstructed access to hatch platform.

○ Quick to erect with 1 person.

*Standard castors included in scaffold packs



**Standard Scaffold +
Guardrail Set***



**Two Level Scaffold +
Guardrail Set + Outrigger Set (4)
+ Toeboard set***



**Standard Scaffold
Fits Through Doorways**



02 Mobile Scaffolding

ALUMINUM MINI MOBILE SCAFFOLD A CLOSER LOOK

EXPANDING SPIGOTS
FOR EASY LOCKING
MECHANISM



210781 PICTURED WITH
STAND OFF LADDER



CHANNEL LOCKING
PLATFORM SYSTEM
- REDUCES BRACING
NEEDED

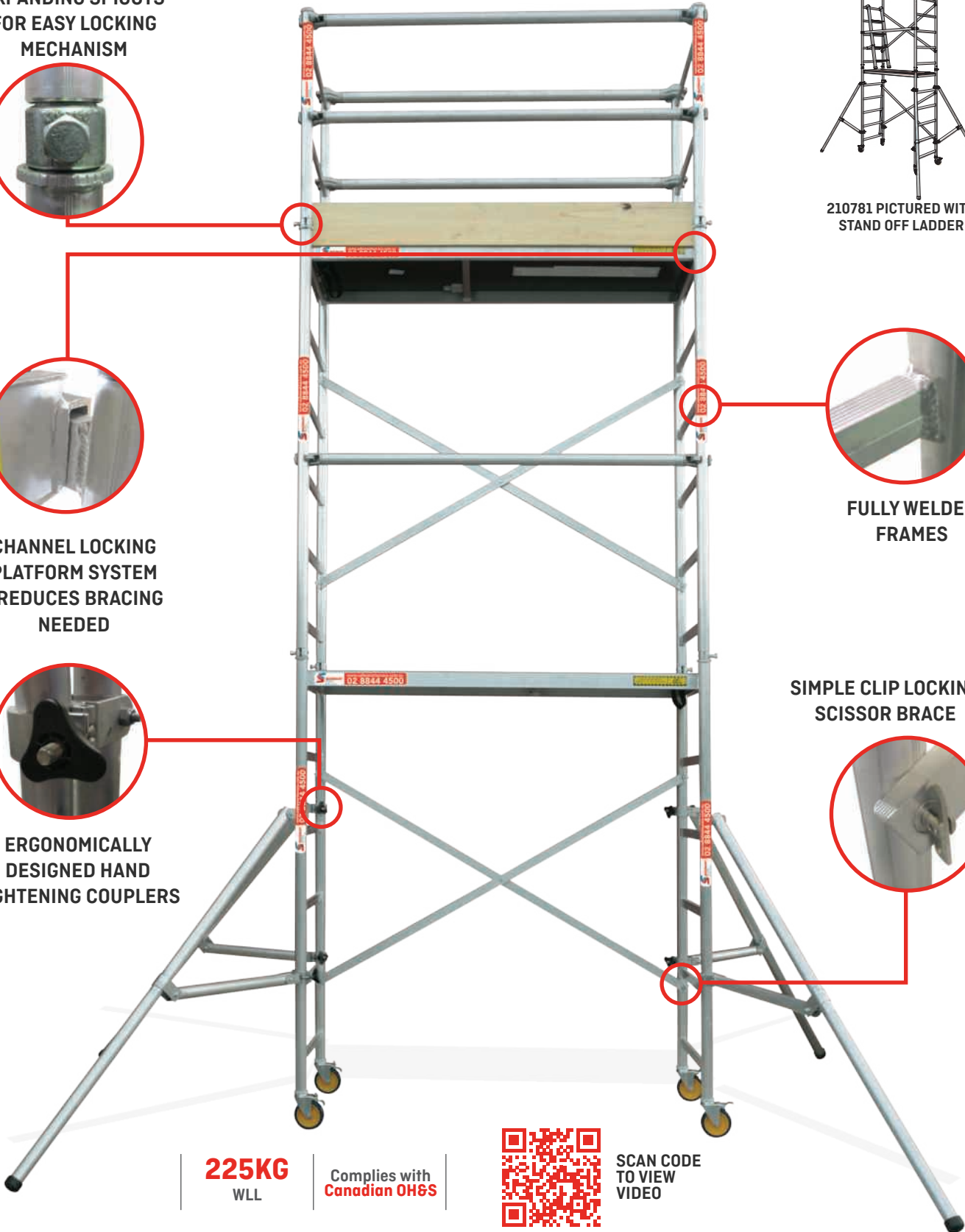


FULLY WELDED
FRAMES



ERGONOMICALLY
DESIGNED HAND
TIGHTENING COUPLERS

SIMPLE CLIP LOCKING
SCISSOR BRACE



225KG
WLL

Complies with
Canadian OH&S



SCAN CODE
TO VIEW
VIDEO

02 Mobile Scaffolding

MINI MOBILE EXPANSION SCAFFOLD

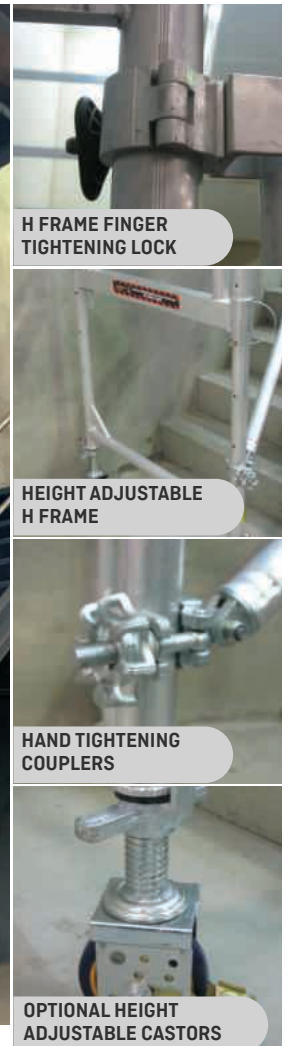
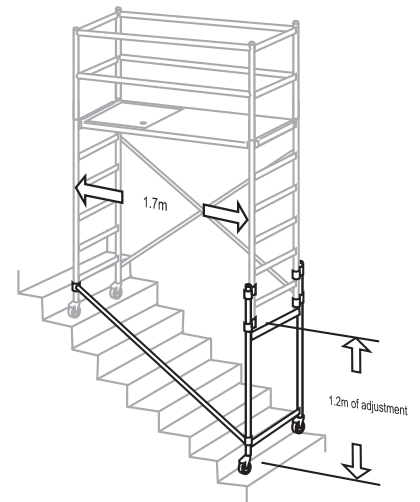
ALL TERRAIN STAIR PACK

Code	Description
210015	Diagonal Brace & Adjustable End Frame

Code	Description
230233	Height Adjustable Base Jack (ea.)

- Suits stairs, slopes & uneven ground.
- Safe & simple access in stairwells.
- 1200mm of adjustment allows for most gradients.
- Adjustable Base Jacks for finer adjustment & levelling.
- All Terrain Stair Pack does not include scaffold tower - suits Mini Mobile.

Complies with
Canadian OH&S



02 Mobile Scaffolding

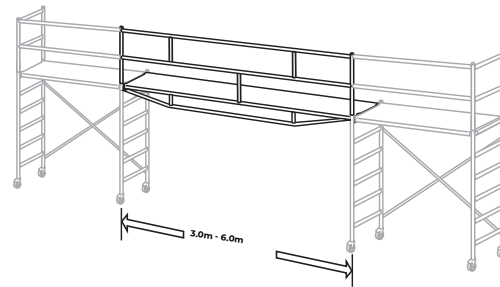
MINI MOBILE EXPANSION SCAFFOLD

LONG BOARD SET

Code	Description
210007	3.0m (set)
210008	4.0m (set)
210009	5.0m (set)
210010	6.0m (set)

- Joins any two Mini Mobiles end-to-end.
- Includes longboard, handrail & two single posts.
- Spans range from 3 - 6m.
- Fast setup over obstacles.
- One-sided handrail.

Complies with
Canadian OH&S

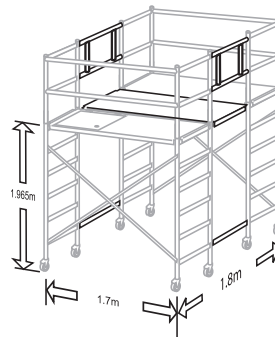


WIDE BOARD

Code	Description	Length
210013	Wideboard & Ladders	1.7m

- Joins any two Mini Mobiles side to side.
- Includes wide board & two joining handrails.
- Triple the work surface in minutes.
- Perfect for ceiling work.

Complies with
Canadian OH&S

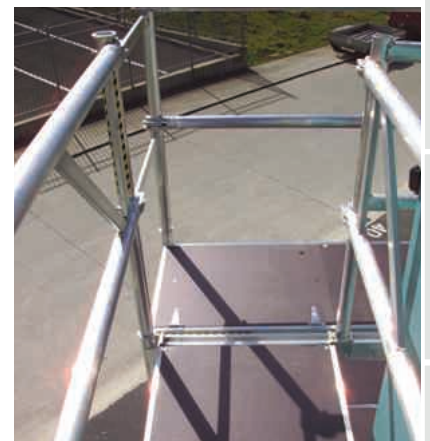
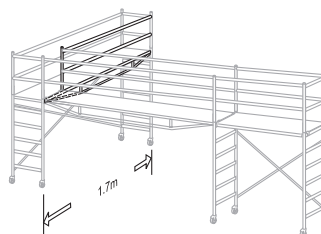


CORNER PACK

Code	Description	Length	Price
210017	Handrails & Transoms	1.7m	\$785.00

- Allows unobstructed decking around left & right corners.
- Can be fitted with longboards & wide boards.

Complies with
Canadian OH&S



02 Mobile Scaffolding

MINI MOBILE EXPANSION SCAFFOLD

U-SHAPE ACCESS SET UP STAIR

Code	Description
HS050	Mini Mobile Accessory - U Shape Access Set up Stair 1.8mH x 0.7mW Fixed Guardrail to both sides and gate*



BOSS BUMPER - YELLOW FOAM PROTECTOR

Code	Description
HS051	Mini Mobile Accessory - Boss Bumper - Yellow Foam Protector*



2M YELLOW FOAM BUFFER

Code	Description
HS052	Mini Mobile Accessory - 2m Yellow Foam Buffer *50ID XPE yellow foam @2mL*



"I have used SafeSmart Access Ladders and Mobile Scaffolding on my last 4 projects. The crew love them! They are not only safe, but light and easy to move around, the extras that can be added are good for specific needs".

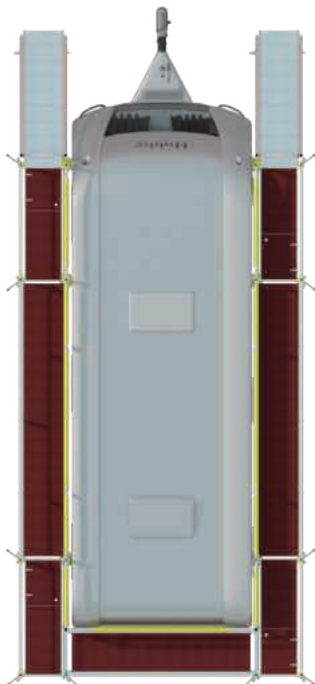
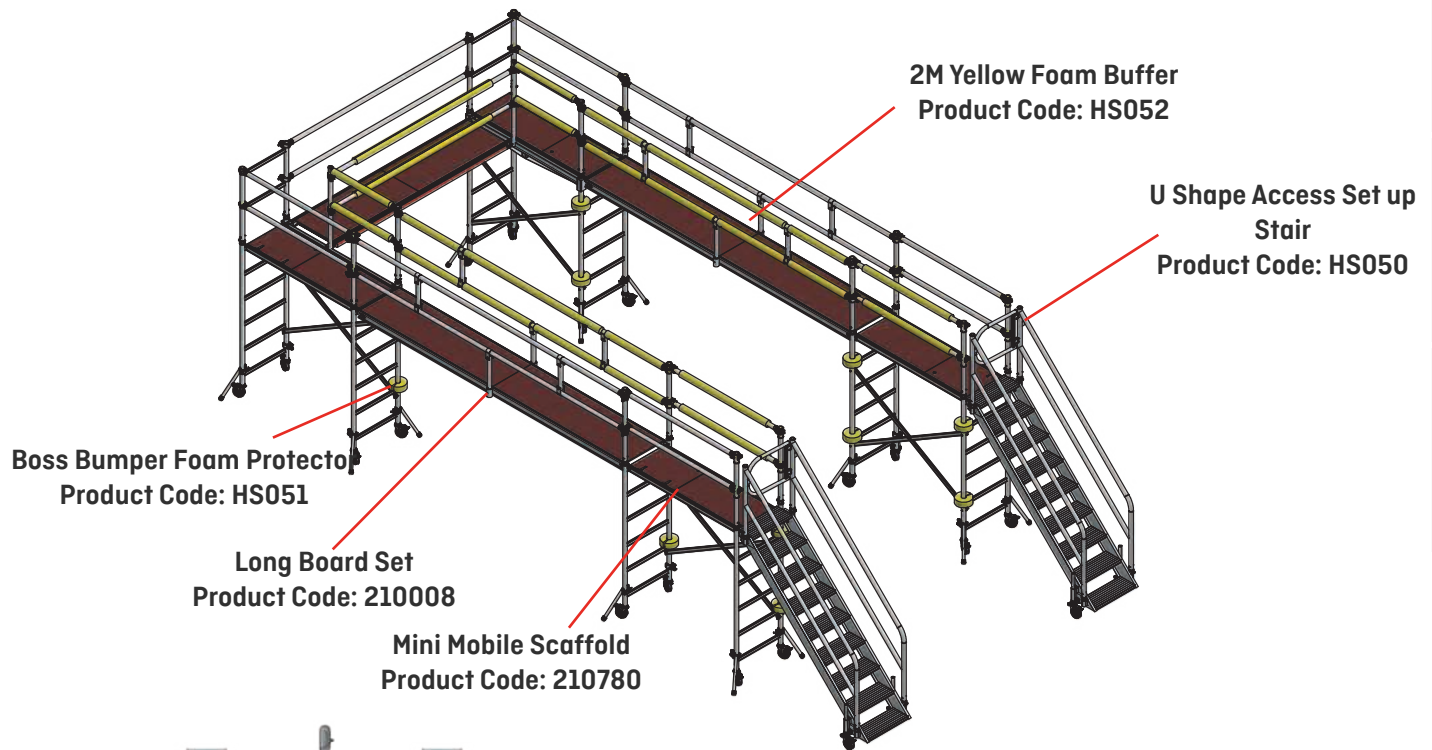
— Construction Manager,
Industry-Leading Construction Group.



02 Mobile Scaffolding

U-SHAPED VEHICLE ACCESS PLATFORM

- Utilises components of the Mini Mobile system: custom stairs, longboard packs, corner packs create two side platforms and a rear joining platform.
- In this instance, the system is used to assist with large vehicle builds.
- The modular nature of the Mini Mobile system allows for easy addition of length, if required.
- SafeSmart Access often utilises existing products and combines them to create customise systems that are quick and easy to deploy.



Gates and yellow foam pictured in the U-Shaped configuration





INDUSTRY STORY

Fleetmark Group Pty Ltd - Mini Mobile

THE CHALLENGE

Fleetmark Group Pty Ltd, who provide a complete digital print and fleet branding solutions to the Australian market, required safe access for workers to brand the trucks. Some areas of the trucks are notoriously difficult to reach safely. At the same time, trucks are of different heights, meaning a versatile yet safe system was needed.



THE SOLUTION

Fleetmark commissioned SafeSmart Access to provide an answer to the challenge.

The Mini Mobile complete with height adjustable castors, corner packs, and a 3m longboard bridging module was the perfect and most cost-effective solution.

THE RESULT

The Mini Mobile allowed workers to **safely access the upper reaches of the truck bodies at multiple heights.**

It also increased safety and efficiency in their processes.







PROFESSIONAL SERIES - 1.37M WIDE

Code	Description	Platform Height	Reach Height	Length
210400	Single Level including Guardrail Set	2.0m	4.0m	2.4m
210404	Single Level including Guardrail Set	2.0m	4.0m	3.0m
210401	Single Level including Guardrail Set	3.0m	5.0m	2.4m
210405	Single Level including Guardrail Set	3.0m	5.0m	3.0m
210402	Single Level including Guardrail Set	4.0m	6.0m	2.4m
210406	Single Level including Guardrail Set	4.0m	6.0m	3.0m
210403	Single Level including Guardrail Set & 2 Outriggers	5.0m	7.0m	2.4m
210407	Single Level including Guardrail Set & 2 Outriggers	5.0m	7.0m	3.0m

- High tensile 6261 T6 extrusion.
- More cross braces included than standard scaffolding.
- Robust snaplock brace and transom connecting fittings.
- Full grain latvian birch anti-skid plywood platform.

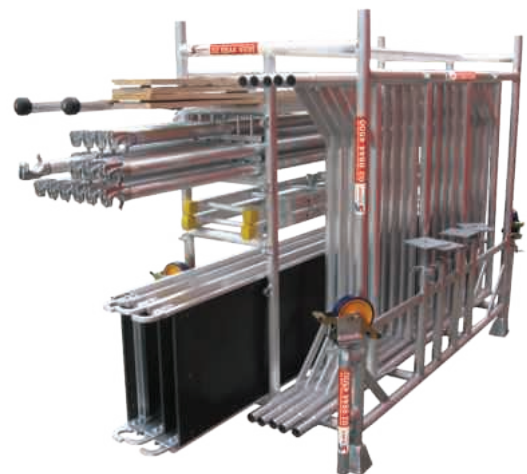
- Each component is colour coded.

450KG
WLL

3.35MM
WALL THICKNESS
Aluminum FRAMES

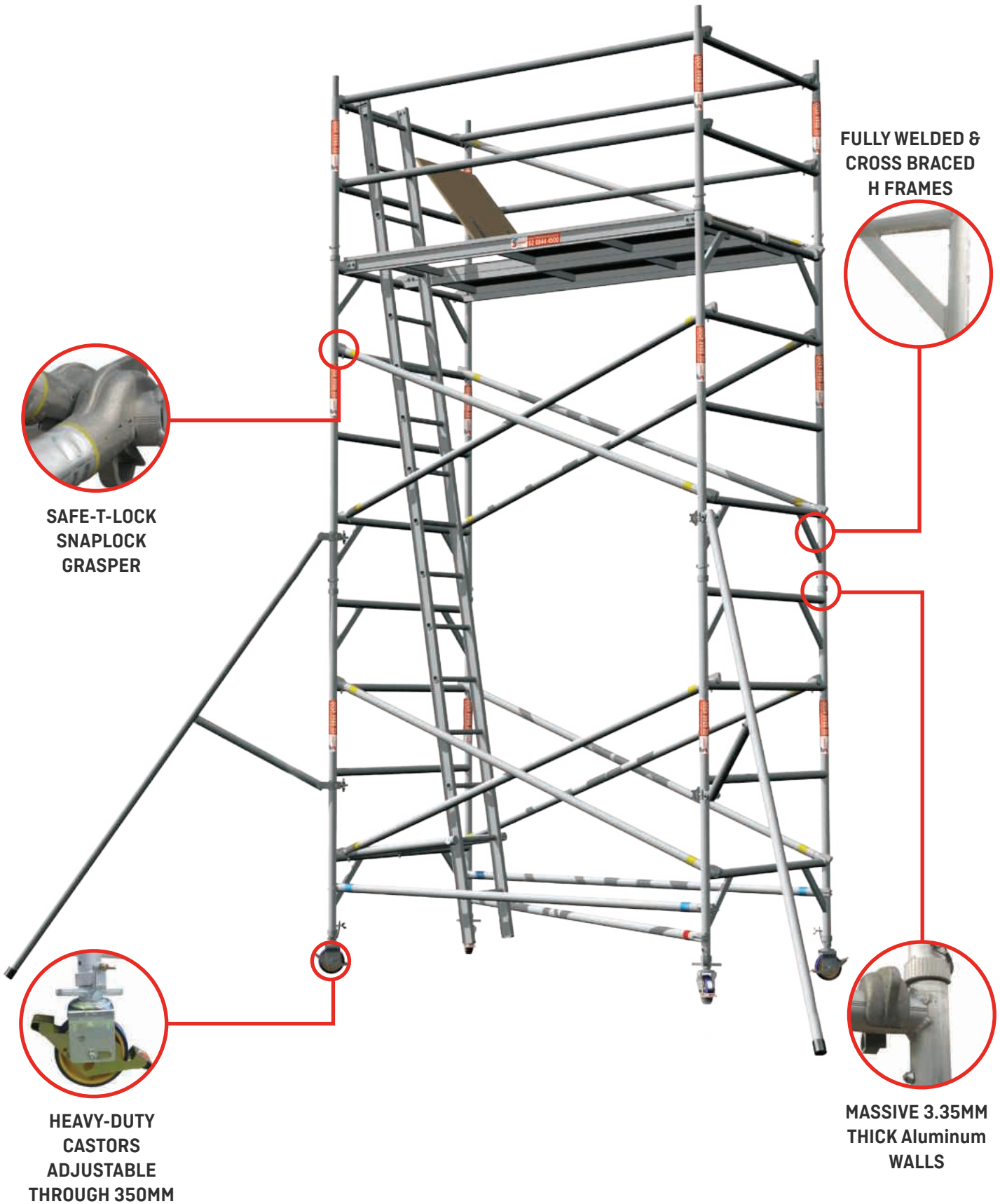
SCAFFOLD STILLAGE

- Ideal for storing mobile scaffold frames & braces.
- Keeps scaffold neat and tidy for transport & storage.
- Standard with forklift and crane lifting points.



02 Mobile Scaffolding

PROFESSIONAL SERIES SCAFFOLD TOWER A CLOSER LOOK





INDUSTRY STORY

Professional Series Scaffold Towers

THE CHALLENGE

Workers on a large inland rail project in Central NSW faced safe access issues when unloading large precast concrete culverts and segments from trucks arriving to site. Workers were required to climb on top of the load to chain up the concrete segments for crane lifting. This presented a fall risk from over 2.5mH.

THE SOLUTION

SafeSmart Access were contacted, and after a site visit, it was proposed to utilise our Professional Series Scaffold Towers either side of the truck, with joining rails across the load. Once the truck had parked in the loading bay, workers would move the towers along the load, and from the platform install the joining safety rails. With the rails in place, they would then safely step onto the load to hook up chains to the lifting points of the load for craning.

THE RESULT

The Professional Series Scaffold Towers and connecting rails offer a **fast, secure, and straightforward solution for ensuring worker safety and edge protection while working on the load**. This solution streamlines the task for the crew by requiring minimal setup.





Ladders

Mobile Scaffolding

Work Platforms

Stairs

Ramps & Walkways

Edge Protection

Custom Solutions

Proscaf

Accessories

Aviation Access



SECTION 03

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03 Work Platforms



S SAFESMART SIGNATURE SERIES

SAFELOADER

Code	Platform Dimensions - Description
210808	0.7mW x 1.4mH x 2.0mL Platform, Stairs one end
210784	0.7mW x 1.4mH x 4.0mL Platform, Stairs one end
210785	0.7mW x 1.4mH x 6.0mL Platform, Stairs one end

- Comes standard with crane lifting points.
- Bolt-on forklifting channels available.
- Fully cross braced aluminum frame for a rigid platform.
- 200mm heavy-duty castors, swivel & locking.
- Originally designed for easy loading & unloading of trucks. Also compatible with a variety of heavy-duty vehicles, mining machinery and trains for loading and maintenance.

2.0mL
500KG
WLL

4.0 mL & 6.0 mL
1000KG
WLL

Complies with
Canadian OH&S



PLACE IN POSITION &
LOCK CASTORS



ENTER THROUGH THE GATE
AND ONTO THE DECK



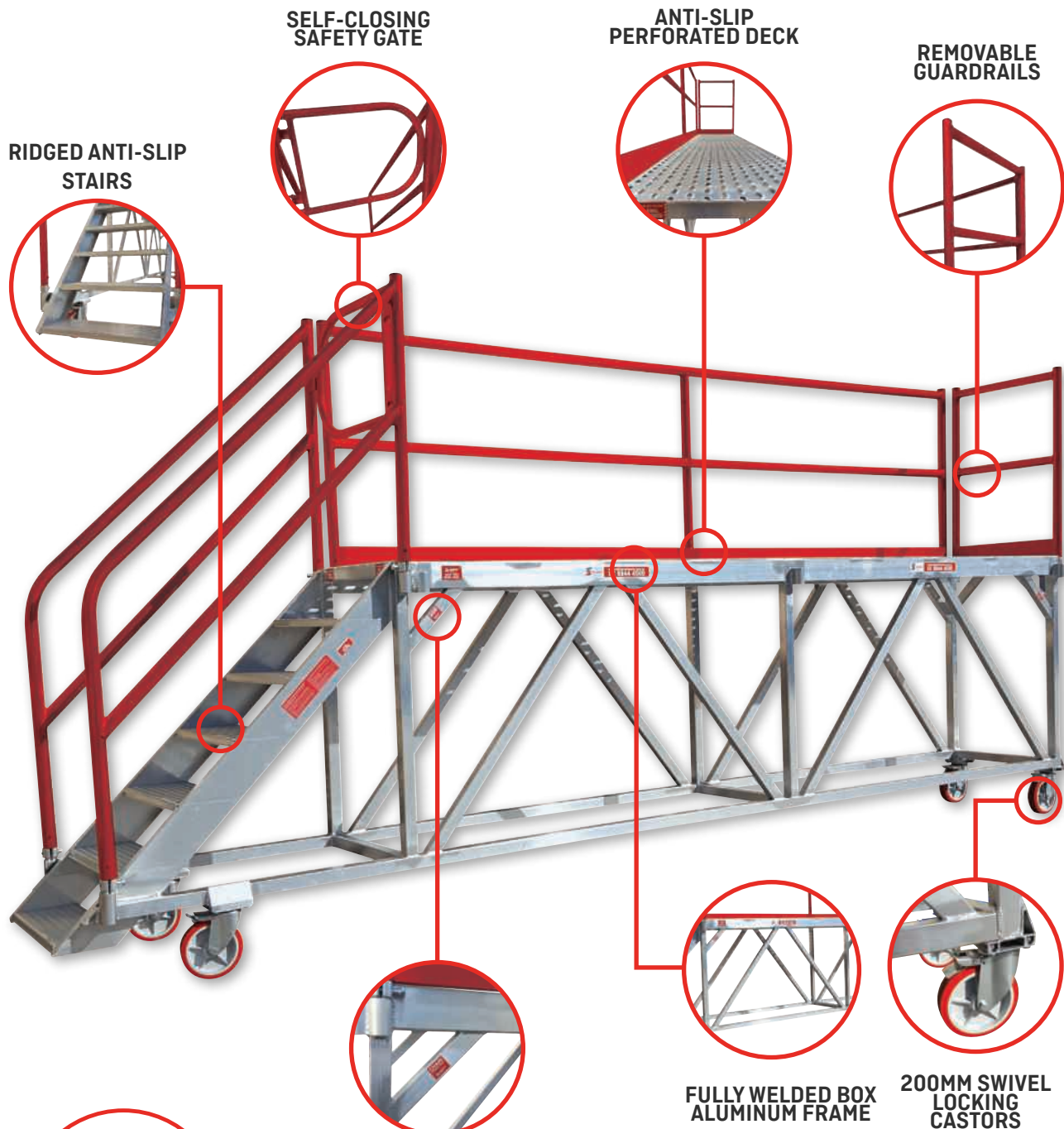
SAFELY LOAD AND UNLOAD



Height Access Solutions
www.safesmartaccess.ca

03 Work Platforms

SAFELoader A CLOSER LOOK



PLATFORMS
AVAILABLE IN 700mm
& 1100mm WIDTHS



SCAN CODE
TO VIEW
VIDEO

03 Work Platforms

SAFELoader ACCESSORIES

SAFELoader CASTORS & ADJUSTABLE JACKS

Code	Description
210198	SafeLoader Rough Ground Kit

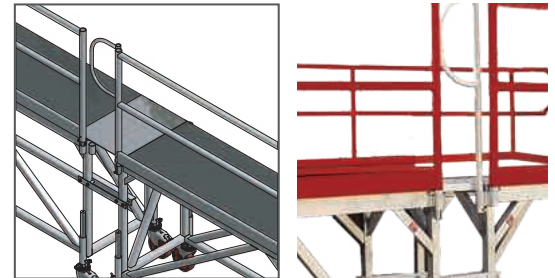
- Upgrade from the standard 200mm locking castors.
- Ideal for rough terrain & uneven surfaces.
- Puncture-proof solid rubber wheels.



SAFELoader JOINING KIT

Code	Description
210193	SafeLoader Joining Kit

- Used to join two SafeLoaders end-to-end, to create a longer working platform.



RETROFIT FORK SLEEVES

Code	Description
210697	Retrofit Fork Sleeves - SafeLoader Series

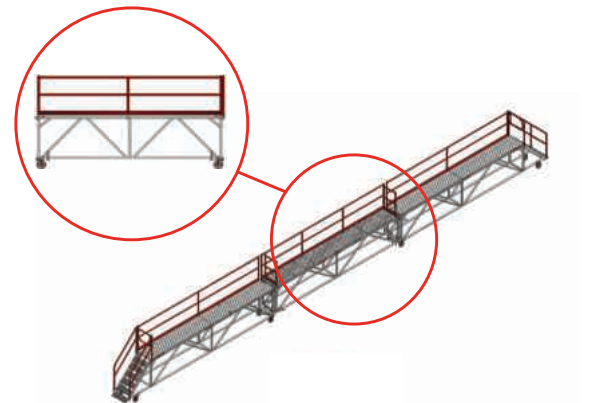
- Add to any standard SafeLoader for forklift transport around site.
- Simply bolts to SafeLoader structure.



INFILL SECTION

Code	Description
210665	SafeLoader Infill - End Handrail
210666	2mL SafeLoader Wheeled Infill Section
210667	4mL SafeLoader Wheeled Infill Section
210668	6mL SafeLoader Wheeled Infill Section

- SafeLoader infill sections are used to create longer working platforms.
- Connect 2x SafeLoaders (2m, 4m or 6m) with an infill section to obtain platform lengths up to 18m!



LEVER BRAKE KIT

Code	Description
210669	Lever Brake Kit

- Single hand action lever brake.
- Avoid applying brakes to castors individually.





INDUSTRY STORY

Multiplex M-City - SafeLoader

THE CHALLENGE

Multiplex, a premier global construction company has delivered landmark property, commercial structures and infrastructure assets for over 58 years.

The M-City project: a \$750 million mixed-use development; is one of the largest ever undertaken outside of the Melbourne CBD, and is located on a 35,000sqm parcel of land in the city of Monash. It will provide a range of residential offerings, an international hotel and short-stay accommodation, convenience retail, dining and entertainment options, premium office spaces, gym and childcare all within the fast-growing region. During the early stages of development, a new construction method with precast panels meant considerable increase in demand for crane time, and the need for additional cranes, crane loading bays and trucks delivering to site.

THE SOLUTION

Multiplex contacted SafeSmart, having known about our experience with heavy vehicle access.

Already developed for several other global clients, SafeSmart's **SafeLoader** platform was ideal. Its **interchangeable handrails allowed them to customise their loading bay set-ups and the large WLL allowed approximately six workers to access the vehicle at any time.** The sturdy box-section aluminum construction made the platforms very stable for additional peace of mind and longevity in a high-use situation.

THE RESULT

When securing loads, Multiplex's workers are now able to **unslung and secure the concrete beams while having a wide and stable platform underfoot.** They can also walk the **entire length of the trailer to attend to multiple securing points** without having to stand on the truck deck or ascend and descend a ladder.

03 Work Platforms

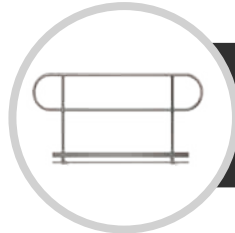
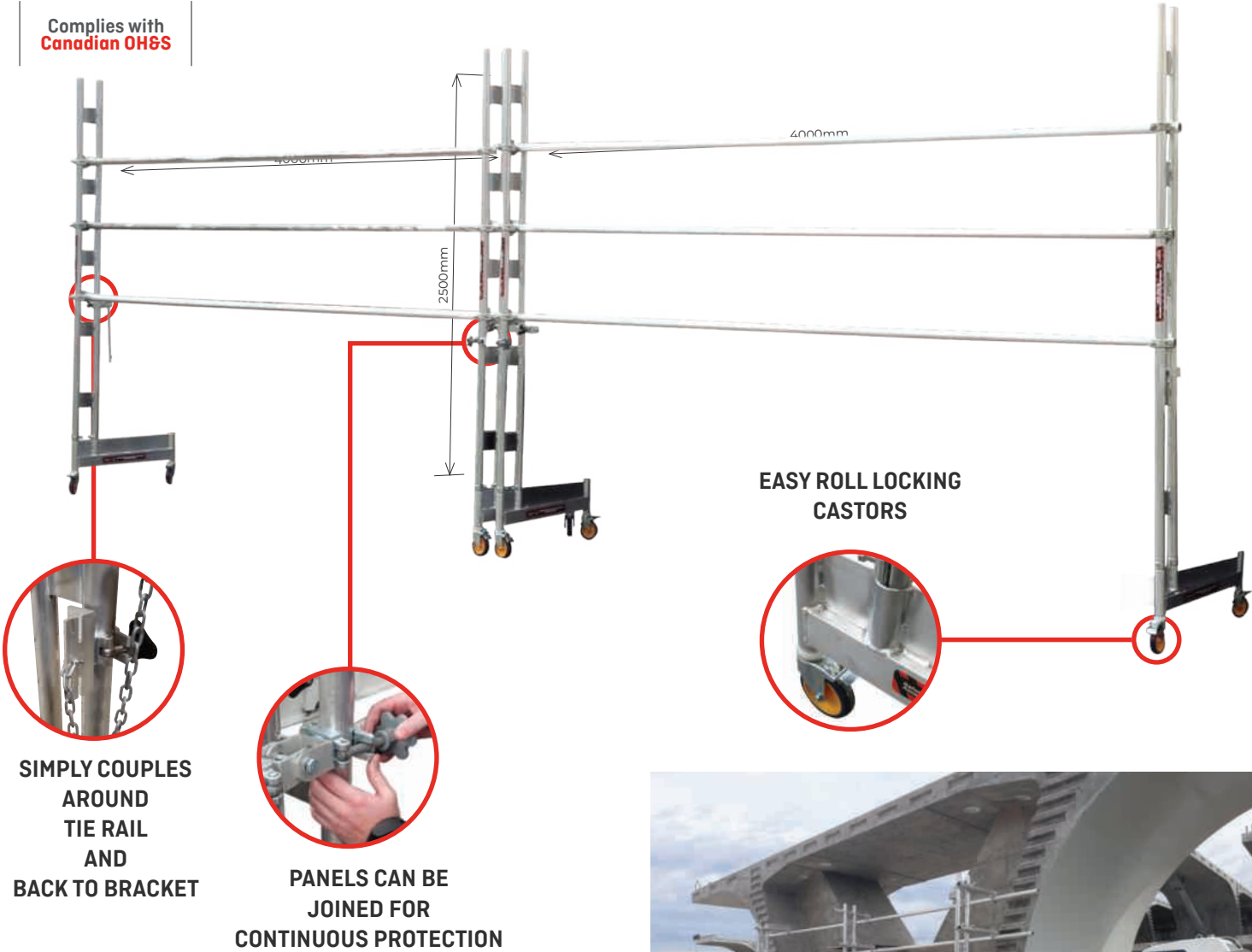
ALUMINUM EDGE PROTECTION PANEL

Code	Width	Height
210273	4.0m	2.5m
210787	Truck Edge Protection Panel Retrofit All Terrain Wheel	

- Flat packed for storage & transportation.
- Light & easy to use - simply roll up to truck & clip to tie rail.
- Suitable for tray heights up to 1.5m.

1.5, 3, 4ML
PANELS
AVAILABLE

Complies with
Canadian OH&S



SEE PAGE 112
FOR CLIP-ON PANELS



03 Work Platforms

Ladders

Mobile Scaffolding

Work Platforms

Stairs

Ramps & Walkways

Edge Protection

Custom Solutions

Proscaf

Accessories

Aviation Access



1. MOBILE HANDRAIL SYSTEM SITS AT THE DELIVERY AREA ON SITE.



3. THE RAILS ARE SECURED TO THE SIDE OF THE TRUCK.



2. THE HANDRAIL SYSTEM IS WHEELED ALONGSIDE THE TRAY OF THE TRUCK.



4. ACCESS PLATFORM IS PLACED ON THE TRAY OF THE TRUCK FOR ACCESS.



5. WORKERS CAN WORK ON THE TRAY OF THE TRUCK WITH EASY ACCESS AND FALL PROTECTION.

03 Work Platforms



S SAFESMART SIGNATURE SERIES

SUPER MAINTENANCE PLATFORM (SMP)

Code	Platform Height	Platform Size	Type
210183	565mm	800 x 800mm	2 Step
210184	850mm	800 x 800mm	3 Step
210185	1130mm	800 x 800mm	4 Step
210186	1400mm	800 x 800mm	5 Step
210187	1700mm	800 x 800mm	6 Step
210188	1970mm	1000 x 1000mm	7 Step
210189	2250mm	1000 x 1000mm	8 Step
210190	2540mm	1000 x 1000mm	9 Step
210191	2828mm	1000 x 1000mm	10 Step
210192	3100mm	1000 x 1000mm	11 Step
210530	3300mm	1000 x 1000mm	12 Step
210531	3600mm	1000 x 1000mm	13 Step
210532	3950mm	1000 x 1000mm	14 Step

- Engineers' approval, WLL rating & serial number certification plate.
- Built tough with 82 x 50mm marine grade aluminum RHS - no C channel.
- Perforated & swaged deck for superior traction in wet and greasy conditions.



**PERFECT FOR
PLANT MAINTENANCE**

225KG
WLL

Complies with
Canadian OH&S

**LOAD TESTED UP TO
8 TONNES**

5

**FIVE YEAR
WARRANTY**



Height Access Solutions
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03 Work Platforms

SUPER MAINTENANCE PLATFORM

A CLOSER LOOK



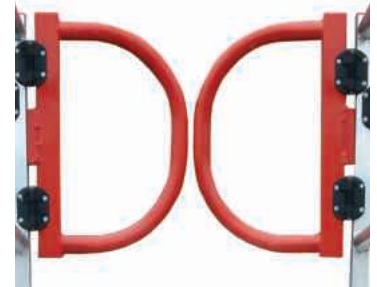
03 Work Platforms

SUPER MAINTENANCE PLATFORM ACCESSORIES

BATWING GATES

Code	Description	Type
210770	Batwing Gates	2 - 6 Step
210771	Batwing Gates	7 - 14 Step

- Self-closing Batwing Gate at the entrance of the platform.
- User friendly operation when compared to a traditional bar or non-compliant chain.
- Offers greater protection by providing a safe guardrail and midrail around the stairs entrance.



FOLD-OUT PROTECTION WINGS

Code	Description	Type
210834	Fold-out Protection Wings 1.2mL	2 - 6 Step
210849	Fold-out Protection Wings 1.0mL	7 - 14 Step
210889	Fold-out Protection Wings 2.0mL	2 - 6 Step

- Provides extra edge protection beside the platform entrance.
- Folds against side of platform for ease of storage.



RETROFIT SIDE ENTRY GATE

Code	Description	Type
220121	0.8m Retrofit LH Side Entry Gate Set	2 - 6 Step
220122	0.8m Retrofit RH Side Entry Gate Set	2 - 6 Step
220119	1.0m Retrofit LH Side Entry Gate Set	7 - 14 Step
220120	1.0m Retrofit RH Side Entry Gate Set	7 - 14 Step

- Fits in place of standard side guardrails.
- Provides walk-through access off side of platform.



03 Work Platforms

SUPER MAINTENANCE PLATFORM ACCESSORIES

RETROFIT DUAL EXIT GATES

Code	Description	Type
220126	0.8 Retrofit Dual LH & RH Exit Gate w. Fixed End Panel	2 - 6 Step
220127	1.0 Retrofit Dual LH & RH Exit Gate w. Fixed End Panel	7 - 14 Step

- Allows walk-through access off both sides of the platform.



RETROFIT FORKLIFT CHANNEL - SET OF 2

Code	Description
210291	Retrofit 0.8mL Forklift Channel Set of 2
210292	Retrofit 1.0mL Forklift Channel Set of 2

- Bolts on to platform base.
- Retrofit 0.8mL Forklift channels are suitable for Super Maintenance Platforms up to 6 Steps.
- Retrofit 1.0mL Forklift channels are suitable for Super Maintenance Platforms 7 Steps and above.



125MM CASTOR KIT - RETROFIT

Code	Description
210744	125mm Castor Kit - Retrofit

- Set of 4 bolt-on swivel and locking castors.
- Replaces the existing two wheels on the platform frame.



03 Work Platforms

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SUPER SERVICE STAND

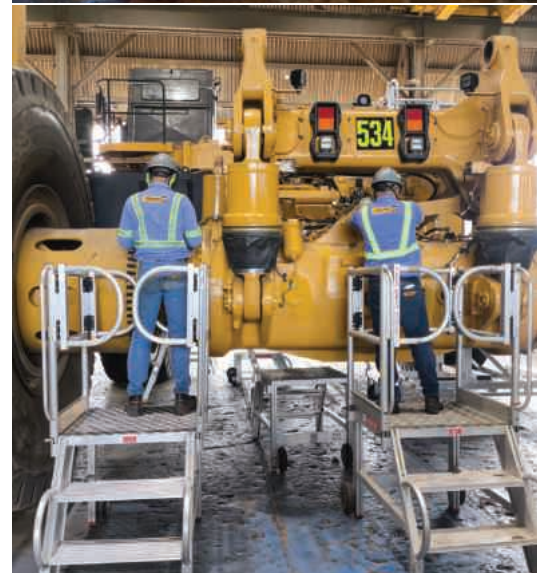
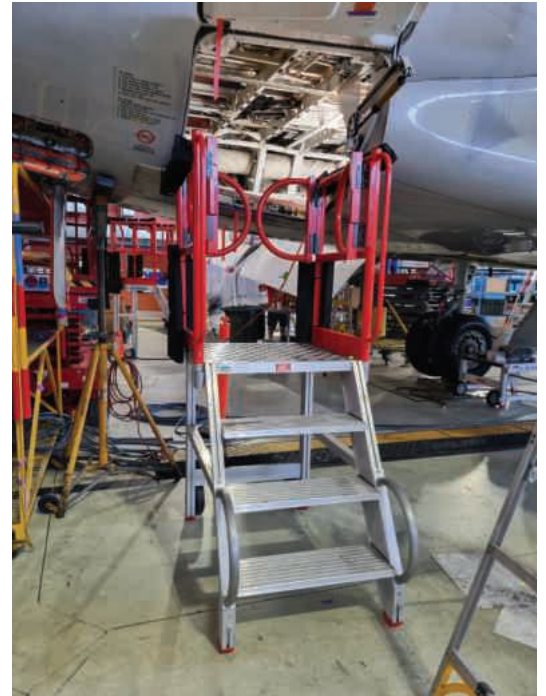
Code	Platform Height	Platform Size	Steps
210570	550mm	800mmL x 900mmW	2 Step
210571	825mm	800mmL x 900mmW	3 Step
210572	1100mm	800mmL x 900mmW	4 Step
210573	1350mm	800mmL x 900mmW	5 Step

- Large, safe work area with self-draining platform surface (for slip resistance in all conditions).
- Wide stair treads for comfort and safety.
- 60° step angle of access.
- Quick release guardrails can be added or removed in seconds.
- Dual Batwing Gates for full surround protection.

225KG
WLL

Complies with
Canadian OH&S

5 FIVE YEAR
WARRANTY



Platform shown
without handrails



Handles for manoeuvrability,
simply lift to engage the front wheels.



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03 Work Platforms

SUPER SERVICE STAND

A CLOSER LOOK



QUICK-RELEASE
HANDRAILS



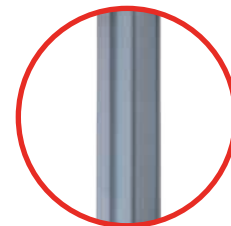
RAISED AND SWAGED
4mm ANTI-SLIP PLATE
PLATFORM



HANDRAILS FOR
MANOEUVRABILITY



ULTRA-WIDE
STEP TREADS



HEAVY-DUTY BOX
ALUMINUM FRAME

03 Work Platforms

S SAFESMART SIGNATURE SERIES

CANTILEVER PLATFORM

Code	Platform Height	Platform Size	Steps
210240	565mm	800 x 1800mm	2 Step
210241	850mm	800 x 1800mm	3 Step
210242	1130mm	800 x 1800mm	4 Step
210243	1400mm	800 x 1800mm	5 Step
210244	1700mm	800 x 1800mm	6 Step
210245	1970mm	1000 x 2000mm	7 Step
210246	2250mm	1000 x 2000mm	8 Step
210247	2540mm	1000 x 2000mm	9 Step
210248	2828mm	1000 x 2000mm	10 Step
210249	3100mm	1000 x 2000mm	11 Step
210550	3300mm	1000 x 2000mm	12 Step
210551	3600mm	1000 x 2000mm	13 Step
210552	3950mm	1000 x 2000mm	14 Step
210553	7 Step Cantilever Platform 1.0mL Upgrade Kit/Package*		
210554	8 Step Cantilever Platform 1.0mL Upgrade Kit/Package*		
210555	9 Step Cantilever Platform 1.0mL Upgrade Kit/Package*		
210556	10 Step Cantilever Platform 1.0mL Upgrade Kit/Package*		
210557	11 Step Cantilever Platform 1.0mL Upgrade Kit/Package*		
210373	Retrofit Wind Down Jack Set		
210293	Retrofit 0.8mL Forklift Channel Set of 2 (suits up to 6 steps)		
210294	Retrofit 1.0mL Forklift Channel Set of 2 (suits 7 step and above)		

*1.0mL upgrade kits will reduce the protrusion of the base rails, and increase the cantilever to 1009mm clear overhang.

- An essential tool for all machinery service workshops.
- Allows you to get right into and up against your work area without reaching out from the platform.
- Built tough, non-slip perforated deck and aluminum frame.

225KG
WLL

Complies with
Canadian OH&S

5

**FIVE YEAR
WARRANTY**

**CUSTOM
CANTILEVER
PLATFORMS
ALSO
AVAILABLE**



CLEARANCE FOR CANTILEVER PLATFORMS



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03 Work Platforms

CANTILEVER PLATFORM

A CLOSER LOOK





INDUSTRY STORY

South Australia - SMP

THE CHALLENGE

A major maintenance contractor based in South Australia had the challenge of having to meet a short turn-around time between machines leaving their workshop and a new batch of 789 Haul Trucks coming in for service. The current suite of platforms on-site was not suited to the tasks that were needed to be carried out and a solution was required on-site immediately.

THE SOLUTION

SafeSmart Access met with the team on-site to determine the measurements and specifications required and provided a versatile solution by a number of our off-the-shelf, Super Maintenance Platforms, to solve the range of access issues around the Haul Trucks.

SafeSmart Access had the platforms shipped the next day, allowing the maintenance teams to be fully equipped with safe and compliant platforms, well within their allocated time frames.

THE RESULT

SafeSmart's Super Maintenance Platform **enabled the team to work more effectively and safely, while also being able to use this platform for multiple applications throughout the duration of the project.** In just a matter of weeks it proved to be a more cost-effective and efficient solution than other rental options that were being compared.



03 Work Platforms

STAIR ACCESS

SUPER MAINTENANCE PLATFORM (SMP)

Code	Description	Platform Height	Type
220110	Stair Access SMP	450mm	2 Step
220111	Stair Access SMP	675mm	3 Step
220112	Stair Access SMP	900mm	4 Step
220113	Stair Access SMP	1150mm	5 Step
220114	Stair Access SMP	1350mm	6 Step
220115	Stair Access SMP	1575mm	7 Step
220116	Stair Access SMP	1800mm	8 Step
220117	Stair Access SMP	2025mm	9 Step
220118	Stair Access SMP	2250mm	10 Step

- Engineers' approval, WLL rating & serial number certification plate.
- Built tough with 82 x 50mm marine grade aluminum RHS.
- Perforated & swaged deck for superior traction in wet & greasy conditions.
- 45-degree stairway access keeps one hand free for carrying tools.
- Left-hand & right-hand gates available, allows for flexible configurations.

225KG
WLL

Complies with
Canadian OH&S



45 DEGREE STAIR ACCESS



03 Work Platforms

S SAFESMART SIGNATURE SERIES

EASYRAISE

Code	Platform Height	Platform Size
220150	1.2 - 2.4M 4 Step	1000 x 1000mm
220151	1.4 - 2.8M 5 Step	1000 x 1000mm
220152	1.7 - 3.4M 6 Step	1000 x 1000mm
220153	1.9 - 3.8M 7 Step	1000 x 1000mm

Other sizes are also available - please enquire

- Height adjustable platform with manual winch.
- Incrementally adjustable with platform heights at 282mm intervals.
- Compact & mobile for easy deployment.
- Cantilever length increases as the platform is raised.

225KG

WLL

Complies with
Canadian OH&S



ONE PLATFORM - 6 HEIGHT SETTINGS



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03 Work Platforms

EASYRAISE A CLOSER LOOK



"We were looking for an alternative to an EWP and the SafeSmart EasyRaise Platform is perfect for our application. Reduced on-going maintenance costs is very attractive and being able to replace multiple fixed level platforms with one unit has been a bonus"

**— Supervisor,
Hastings Deering**



**SCAN CODE
TO VIEW
VIDEO**

03 Work Platforms

S SAFESMART SIGNATURE SERIES

ULTRA RAISE

Code	Description
210375	7 Step UltraRaise Fixed Cantilever H/Adj Platform 1.97mH – 3.38mH w. 70deg Acc
210376	10 Step UltraRaise Fixed Cantilever H/Adj Platform 2.82mH – 5.07mH w. 70deg Acc
210378	UltraRaise Retrofit Loop Guardrail Frame, 1.2mD x 1.5mW
210377	UltraRaise Retrofit Loop Guardrail Frame, 2.0mD x 2.0mW
210379	UltraRaise Bridge 3.0mL x 0.6mW with removable Guardrail, Midrail & Toeboard (each side)

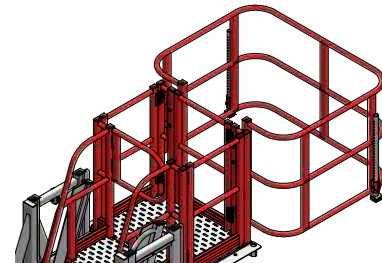
- Platform height and bridge lengths are customizable.
- Massive height adjustment range!
- Compact and mobile for easy deployment and use in tight workshops.
- 700mm clear cantilever regardless of the height it is set at.
- Height adjustable platform with a manual winch.
- 3 access directions off the platform allowing for flexibility in configuration.
- Bridging attachment to connect between units allows multiple configurations.
- Bridging components no heavier than 17kgs to allow easy install and dismantle.
- Bubble levels to assist with levelling.
- Loop guardrail attachment can be placed in all 3 directions off the platform.
- Loop guardrail support leg adjusts in 25mm increments.



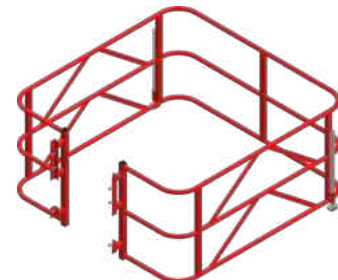
210375
7 Step UltraRaise



210376
10 Step UltraRaise



210378
Small Loop Guardrail Frame



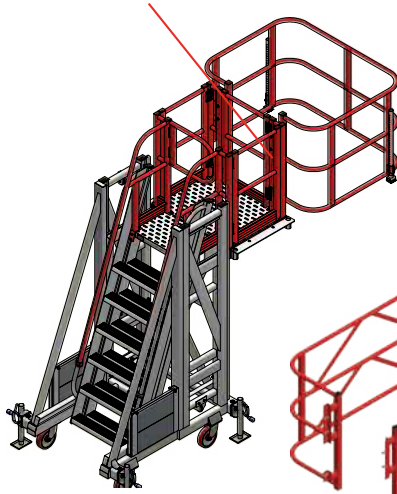
210377
Large Loop Guardrail Frame



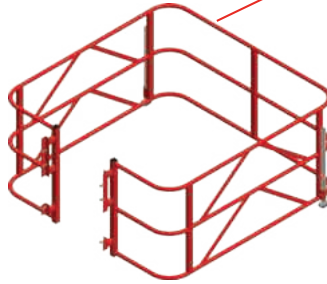
03 Work Platforms

ULTRA RAISE ACCESSORIES & GALLERY

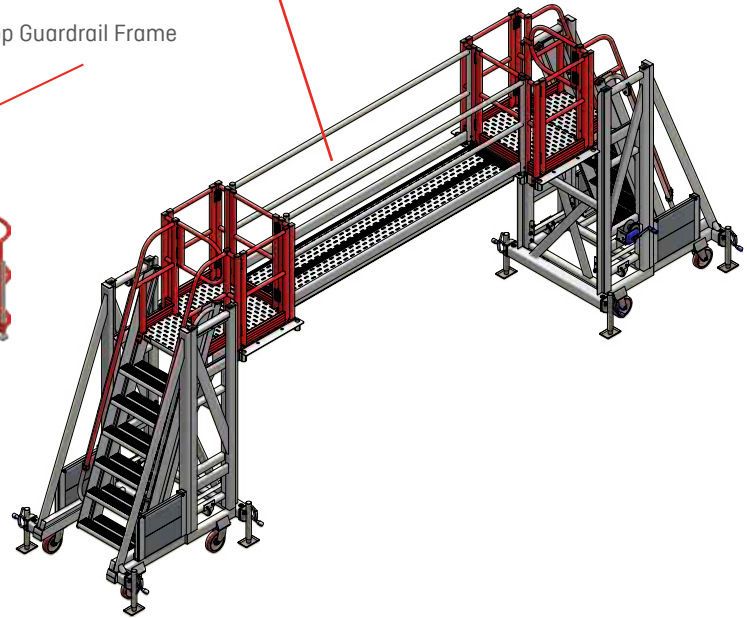
210378 Small Loop Guardrail Frame



210377 Large Loop Guardrail Frame



210379 UltraRaise Bridge



IN-SITU



03 Work Platforms

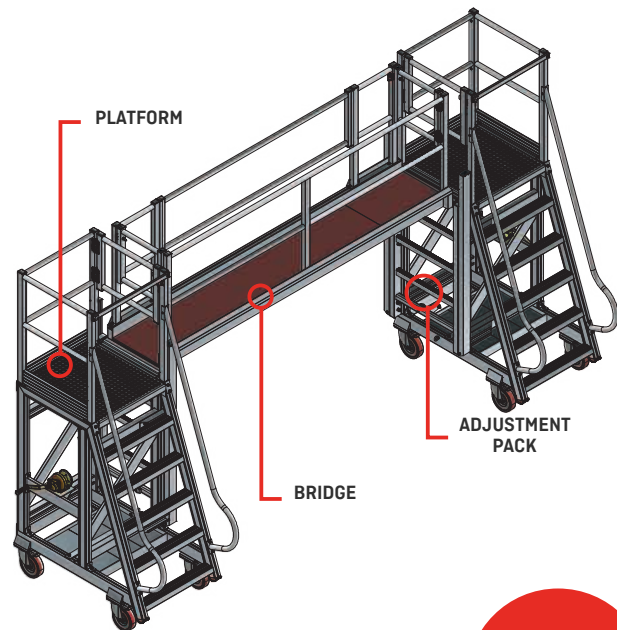
S SAFESMART SIGNATURE SERIES

BRIDGEDECK

Code	Description	Max Height
210465	BridgeDeck 6 Step Base Platform (LH Access)	1700mm
210466	BridgeDeck 6 Step Base Platform (RH Access)	1700mm
210467	BridgeDeck 9 Step Base Platform (LH Access)	2540mm
210468	BridgeDeck 9 Step Base Platform (RH Access)	2540mm
210469	BridgeDeck - Adjustment Pack (to suit 6/9 step) - 900mm	2600mm (6 Step), 3440mm (9 Step)
210470	BridgeDeck - Adjustment Pack (to suit 9 step) - 1200mm	3440mm
210471	BridgeDeck Bridge 2.5mL Bridge	-
210472	BridgeDeck Bridge 3.0mL Bridge	-
210473	BridgeDeck Bridge 4.2mL Bridge	-

- Perfect for bridging access over plant and equipment.
- Can be used without bridge as maintenance platforms, or with bridge as a complete system.
- Height adjustment packs are used to configure to differing bridge heights.
- Easily height adjustable using hand winch.
- Can bridge off side or end of base units.
- Pneumatic wheels are available for rough terrain.

Complies with
Canadian OH&S

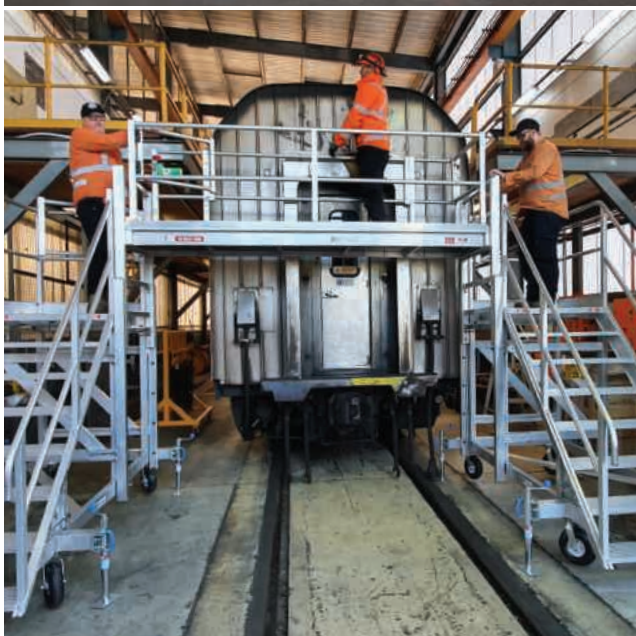


**CUSTOM
CONFIGURATIONS
& SIZES
ALSO
AVAILABLE**



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03 Work Platforms

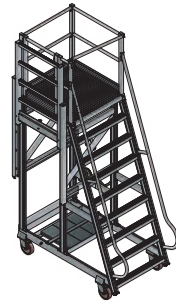


CUSTOMISE YOUR BRIDGEDECK

STEP 1: CHOOSE YOUR PLATFORM



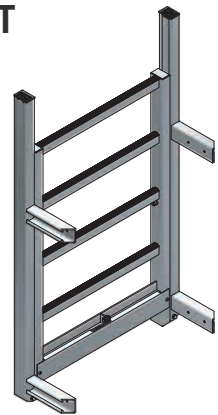
BridgeDeck 6 Step
Base Platform



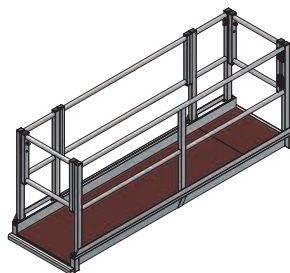
BridgeDeck 9 Step
Base Platform

STEP 2: CHOOSE YOUR HEIGHT ADJUSTMENT PACK

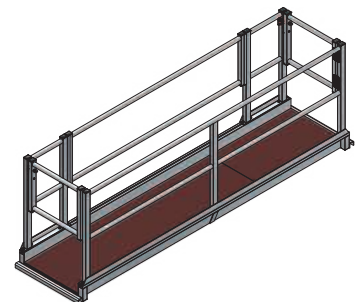
900mm height adjustment packs can be used on both the 6 and 9 step BridgeDeck platforms, 1200mm packs can be used with the 9 step platforms only.



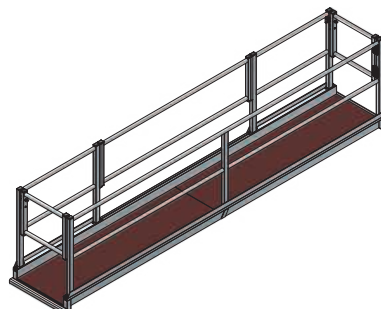
STEP 3: CHOOSE YOUR BRIDGE LENGTH



2.5m x 0.71m Bridge



3.0m x 0.71m Bridge



4.2m x 0.71m Bridge



SCAN CODE
TO VIEW
VIDEO

03 Work Platforms

SUPERCHARIOT

Code	Platform Height	Type
210450	565mm	2 Step
210451	850mm	3 Step
210452	1130mm	4 Step
210453	1400mm	5 Step
210454	1700mm	6 Step
210455	1975mm	7 Step
210456	2250mm	8 Step

- Full surround handrails.
- Heavy-duty design for construction work.
- 200kg weight rating.
- Step through access.

200KG
WLL

Complies with
Canadian OH&S



03 Work Platforms

ALUMINUM DOUBLE LENGTH PODIUM PLATFORM

Code	Platform Size	Platform Height
210124	600mmW x 1200mmL	0.75 - 1.025m

- Easy to use.
- Two platform height settings: 0.75m & 1.025mH.
- Full surround handrails.
- Folds up flat for compact storage in seconds.
- Perfect for ceiling work & low-level access.

225KG
WLL

Complies with
Canadian OH&S



FOLDS FLAT FOR
EASY STORAGE

03 Work Platforms

ALUMINUM SINGLE LENGTH PODIUM PLATFORM

Code	Platform Size	Platform Height
210127	600mmW x 600mmL	0.75 - 1.025m

- Easy to use.
- Two platform height settings: 0.75m & 1.025mH.
- Full surround handrails.
- Folds up flat for compact storage in seconds.
- Perfect for ceiling work & low-level access.
- One-man non-slip aluminum platform.

225KG

WLL

Complies with
Canadian OH&S

SAFETY BAR

WELDED SURROUND
HANDRAILS

ANTI-SLIP
DECK

HEAVY-DUTY
CASTORS

FOLDS FLAT FOR
EASY STORAGE



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03 Work Platforms

BALCONY WORK PLATFORM

Code	Description	Platform Size	Platform Height
220124	Single length Balcony Work Platform includes 1 x 210127 Adjustable Podium Platform + 2 x 220123 Ceiling Props	600mmW x 600mmL	0.75 - 1.025m
220125	Double length Balcony Work Platform includes 1 x 210124 Adjustable Podium Platform + 2 x 220123 Ceiling Props	600mmW x 1200mmL	0.75 - 1.025m

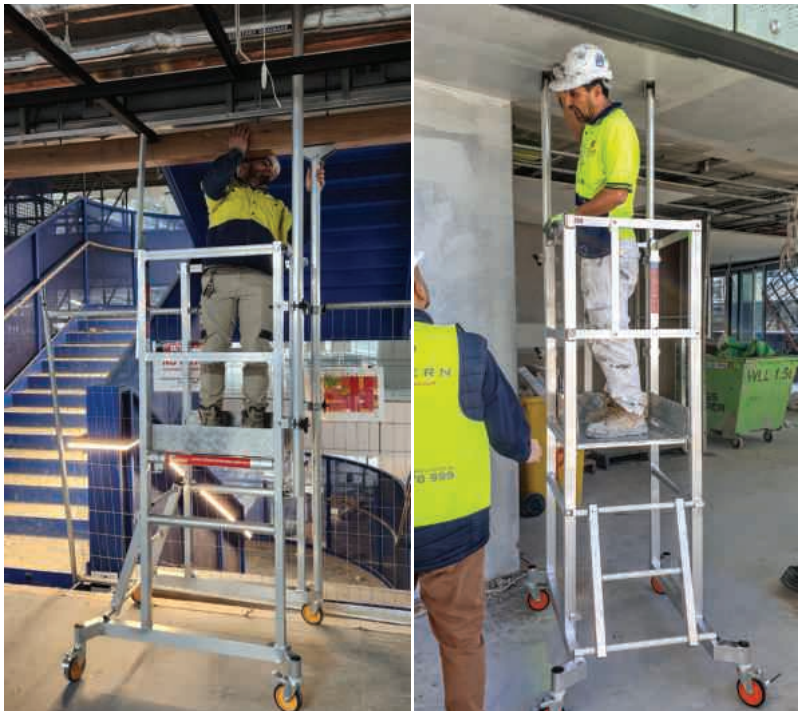
KEY COMPONENTS

Code	Description
A	Safety bar
B	Welded surround handrails
C	Anti-slip deck
D	Heavy-duty castors
E	Safety Toeboard
F	Ceiling Props

- Two height settings 0.75m & 1.025m.
- Full surround handrails.
- Suits balcony heights up to 2.9m.
- One-man non-slip aluminum platform.
- Props adjust in height.

225KG
WLL

Complies with
Canadian OH&S



*"The platform looks great and is exactly what we needed.
Very impressed!"*

— Amalgamated Group.



SCAN CODE
TO VIEW
VIDEO

03 Work Platforms

DESKSURFER MAXI

Code	Reach Height	Min Platform Height	Max Platform Height	No. of Outriggers
210217	4m	900mm	2050mm	2

- Base size 680mm x 1250mm.
- Platform size 510mm x 825mm.
- Minimum platform height 900mm.
- Maximum platform height 2050mm.
- Platform adjustment 275mm increments.

"We recently Purchased a DeskSurfer for accessing the ceiling space above our tenants desk. It arrived on time and in perfect condition. The unit has saved us countless hours of moving desks."

*— Technical Services Manager,
Daisho*

150KG

WLL

DESKSURFER MAXI - ACCESSORIES

Code	Description
210213	DeskSurfer Maxi - Black EPDM Rubber 500mmL x 820mmW
210214	DeskSurfer Maxi - Handrail & Gate Insulation Tubing
210215	DeskSurfer Maxi - Electrical Insulation Kit



210215

Electrical Insulation Kit



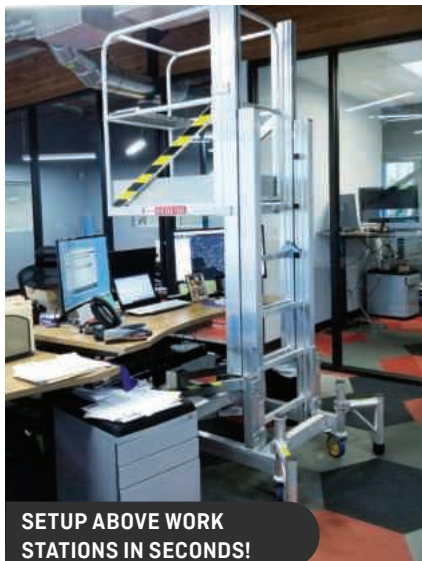
210213

Black EPDM Rubber Mat



210214

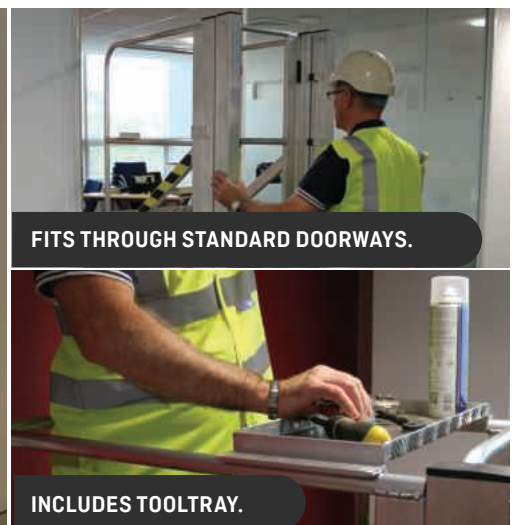
Handrail & Gate Insulation Tubing



SETUP ABOVE WORK STATIONS IN SECONDS!



FITS INTO ELEVATORS FOR MULTI-LEVEL BUILDINGS.



FITS THROUGH STANDARD DOORWAYS.

INCLUDES TOOLTRAY.



03 Work Platforms

DESKSURFER MAXI



SCAN CODE
TO VIEW
VIDEO

03 Work Platforms

SUPER TRESTLE - TWO MAN WORK PLATFORM

Code	Type	Deck Size	Deck Height
210220	Wide Platform max height 1000mm	450 x 1200mm	400 - 1000mm
210221	Wide Platform max height 1300mm	450 x 1600mm	600 - 1300mm
210222	Wide Platform max height 1700mm	450 x 1600mm	700 - 1700mm
210223	Super Trestle Plank 450mm x 2400mmL	450 x 2400mm	-
210287	Full Surround Handrails to suit 210220	-	-
210224	Full Surround Handrails to suit 210221/210222	-	-
210225	Plank Handrail - One-sided for a single plank	-	-
210226	Spring Loaded Wheel	-	-

- 450mm deck width.
- Large work area for industrial and trade use.
- Folds down flat for easy transport & storage.
- Independent safety testing approved.

200KG
WLL

Complies with
Canadian OH&S



CONFIGURABLE BRIDGING SYSTEMS AVAILABLE WITH THE SUPER TRESTLE RANGE

- Used to join multiple Super Trestles for a larger work platform.
- Create a full surround work platform in seconds!
- Can be joined end-to-end or side-to-side.



SCAN CODE
TO VIEW
VIDEO



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SECTION 04

STAIRS



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04 Stairs

S | SAFESMART SIGNATURE SERIES

ADJUSTASTAIRS

600MMW ALUMINUM (3-24 STEPS)

Code	Steps	Height Range
210818	3	0.4m - 0.7m
210813	6	0.9m - 1.4m
210814	9	1.4m - 2.0m
210815	12	1.8m - 2.7m
210816	15	2.2m - 3.4m^
210817	18	2.7m - 4.1m^
210869	21	3.3m - 4.7m^
210997	24	3.8m - 5.3m^

4.8kPa

WLL

^{*}Stairs include trussed stringer.

"SafeSmart AdjustaStairs are very convenient, very light to use, and very durable. We use these right across the site, SafeSmart all the way!"

*— Scaffold Manager,
NII Construction*



1200MMW ALUMINUM (3-24 STEPS)

Code	Steps	Height Range
210821	3	0.4m - 0.7m
210822	6	0.9m - 1.4m
210823	9	1.4m - 2.0m
210824	12	1.8m - 2.7m
210825*	15	2.2m - 3.4m
210826*	18	2.7m - 4.1m^
210999	21	3.3m - 4.7m^
210998	24	3.8m - 5.3m^

4.8kPa

WLL

^{*}Stairs include trussed stringer.



600MMW FIBREGLASS

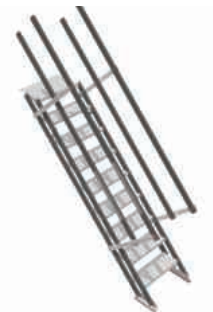
Code	Steps	Height Range
210833	6	0.947m - 1.37m
210743	7	1.17m - 1.527m

300kg

WLL

^{*}Lifting Lugs included

- Stair tread and handrails meet the loading OH&S requirements
- Stairs can be configured to meet respective geometry requirements.
- Suggested height range of stairs listed allows for an angle of stairway slope of between 32 – 48-degrees



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04 Stairs

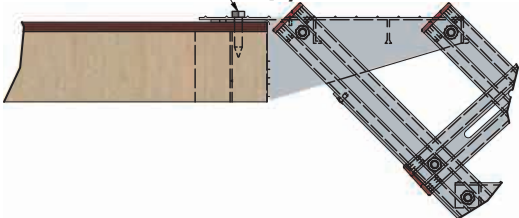
ADJUSTASTAIRS: *How do they self-level and attach?*

This innovative design allows the treads to move with the stringers. Treads will self-level to provide a firm, flat surface at the desired height. Once level, they are fixed to the support surface as shown below.

TIMBER FIXING - TOP STEP

Hex washer Type 17 (14 Gauge) x 50mm Screw

Min. 2 Qty

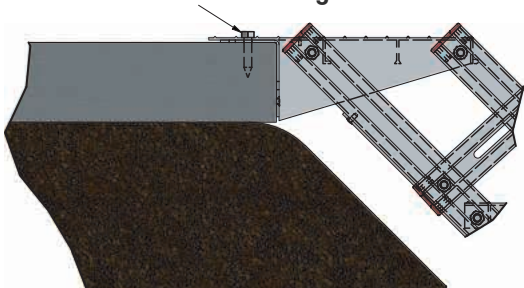


CONCRETE FIXING

Ø 10 x 50mm Concrete Anchor Screw

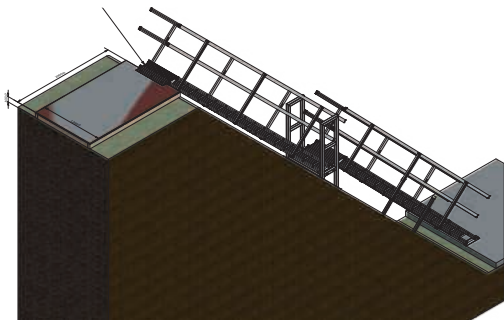
Min. 2 Qty.

Min. Concrete strength 25MPa



FIXING DETAILS

Top Step Fixings as noted above:



SCAN CODE
TO VIEW
ADJUSTASTAIRS
VIDEO



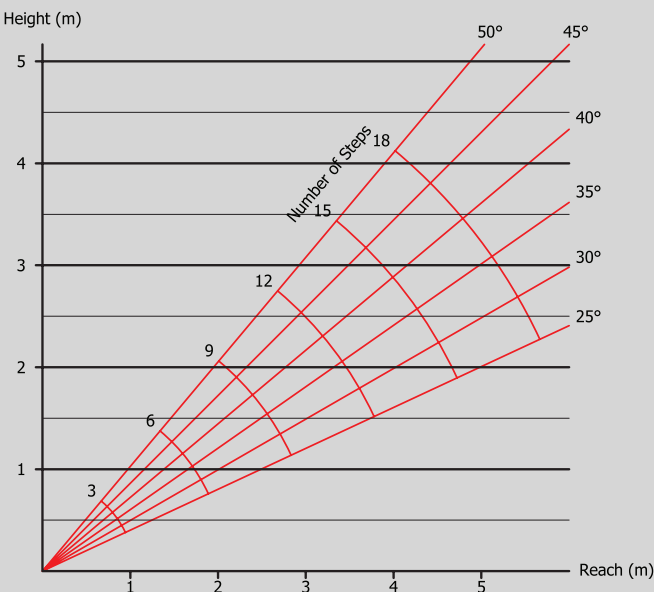
GAP BETWEEN
STRINGERS
DECREASES
AS THE STAIRS
DECLINE



GAP BETWEEN
STRINGERS
INCREASES AS
THE STAIRS
INCLINE



ADJUSTASTAIRS INCLINATION DIAGRAM



NB- National Regulation may impose other requirements. Take these into consideration.

^a21 Step Option Available

04 Stairs

ADJUSTASTAIRS ACCESSORIES

ADJUSTASTAIRS FOR TRUCK & LARGE VEHICLES

Code
210796

- Developed specifically for access to truck trays.
- No fixings required.
- Treads self level to suit tray heights of 0.9m - 1.4m.

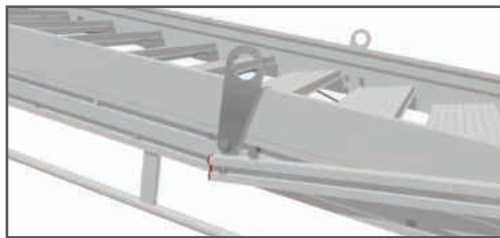
Complies with Canadian OH&S	4.8kPa WLL
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LIFTING LUGS

Code	Description
210838	Lifting Lugs

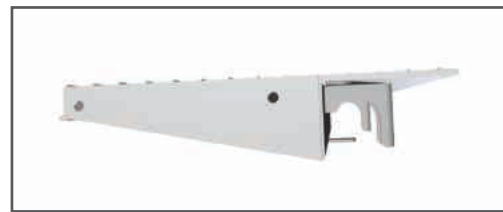
- Attach to any aluminum AdjustaStairs model.
- Compatible with 600mmW or 1200mmW AdjustaStairs.



SCAFFOLD MOUNT HOOK

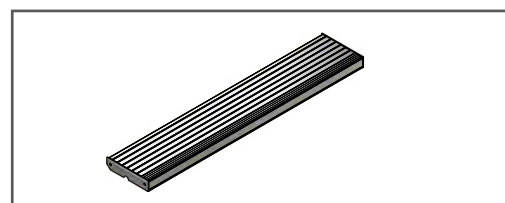
Code	Description
210819	Scaffold Mount Hook (600mmW)
210946	Scaffold Mount Hook (1200mmW)

- Replaces the AdjustaStairs top step and clamps stairs to a scaffold tubular ledger.



STANDARD & TOP STEPS (REPLACEMENT)

Code	Description
210896	AdjustaStairs Standard Step 600mmW
210898	AdjustaStairs Standard Step 1200mmW
210820	AdjustaStairs Top Step 600mmW
210897	AdjustaStairs Top Step 1200mmW



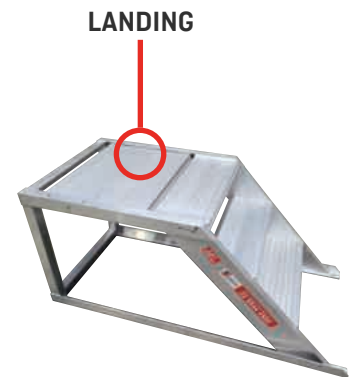
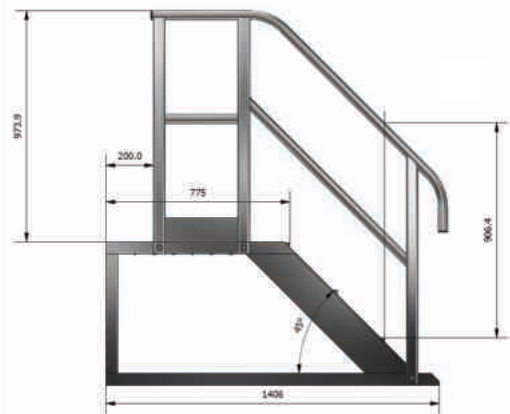
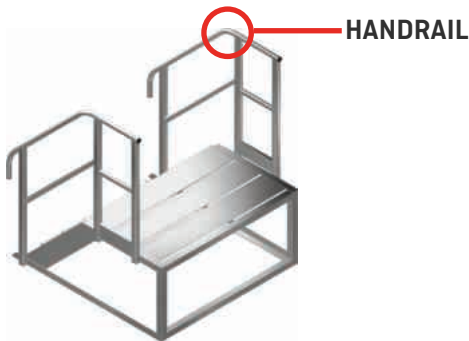
04 Stairs

ADJUSTASTAIRS ACCESSORIES

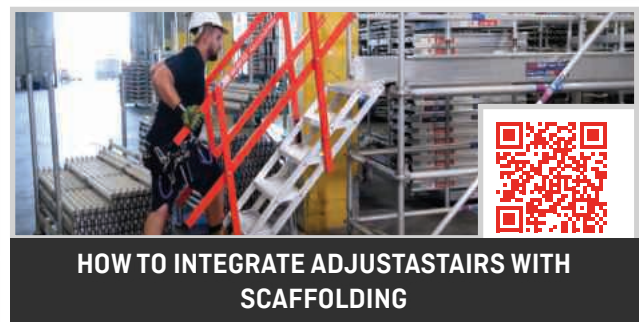
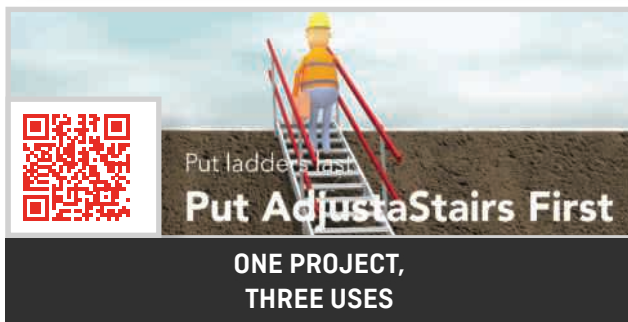
STEP EXTENSION

Code	Description	Width	Height
210275	Step Extension with Landing to suit 600mmW stairs	600mmW	600mmH
210276	Step Extension with Landing to suit 1200mmW stairs	1200mmW	600mmH
210277	Retrofit Handrail Kit to Suit AdjustaStairs Step Extension Landings		

- Add 600mm of height to either single or double width AdjustaStairs.
- Can be used as an independent stair.
- Suits applications where 18 steps or more are required.



ADJUSTASTAIRS VIDEOS



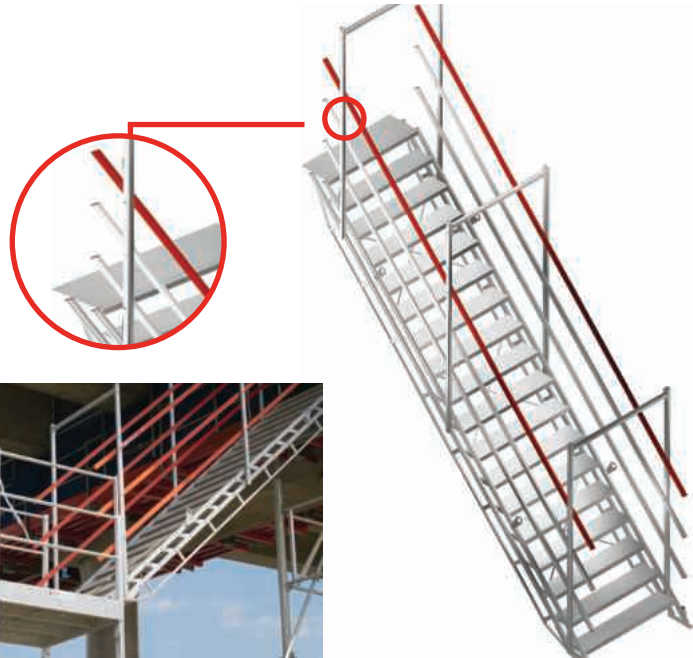
04 Stairs

ADJUSTASTAIRS ACCESSORIES

1400MMH ADJUSTASTAIRS EXTENDED HEIGHT GUARDRAIL KIT

Code	Steps	Description
210950	3	AdjustaStairs Extended Height Guardrail Kit- suits 1200mmW configuration
210951	6	AdjustaStairs Extended Height Guardrail Kit- suits 1200mmW configuration
210952	9	AdjustaStairs Extended Height Guardrail Kit- suits 1200mmW configuration
210953	12	AdjustaStairs Extended Height Guardrail Kit- suits 1200mmW configuration
210954	15	AdjustaStairs Extended Height Guardrail Kit- suits 1200mmW configuration
210955	18	AdjustaStairs Extended Height Guardrail Kit- suits 1200mmW configuration

- Adds an additional handrail to increase the handrails to a height of 1.4m.
- Provides increased protection when moving on stairs.
- Increased strength and stability for critical applications.



ADJUSTAFORM CRANEABLE STAIRS

- Height adjustable via hand winch: 2600-3200mmH in 100mm increments.
- Crane lifting points for relocation around site.
- 1200mm wide, self-levelling stair treads provide safe and sturdy footing for two-way traffic.
- 200mm castors to allow easy movement on uneven and rough support surfaces.
- Self-supporting: no fixing to formwork or a fixed surface required.
- Auto-engage, fail-safe height adjustment lock pins.
- Swivelling machine jacks for fine height adjustment and stability on uneven surfaces.
- Custom heights and widths are available as required.



Code	Description
210083	AdjustaForm Craneable Stairs

500kg
WLL

Complies with
Canadian OH&S



Height Access Solutions
www.safesmartaccess.ca



INDUSTRY STORY

Silverstrand - AdjustaStairs Form Reo Pour

THE CHALLENGE

SafeSmart visited the construction site to understand the project's unique challenges. We identified key aspects such as task requirements, crew preferences, and the current project timeline. We were faced with the challenge of providing multiple access points into a Form Reo Pour (FRP) structure of tank walls.

THE SOLUTION

AdjustaStair presented the optimal solution for the site's needs during the current pours and those to come. This decision was driven by a thorough understanding of the project's unique requirements and the extensive features offered by AdjustaStairs. Its adjustable design enabled safe and efficient access to the sides of the formwork and into the tank cavity.



THE RESULT

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. As the project progresses through its phases, the dynamic nature of the site requires solutions that are not only adaptive but also durable.

The integration of AdjustaStairs into the Southern Redland Bay Wastewater Treatment Plant construction project has yielded significant positive outcomes.

AdjustaStairs provide solutions that ensure **seamless transitions between different construction phases**, including batter access, excavation, and void access.

04 Stairs

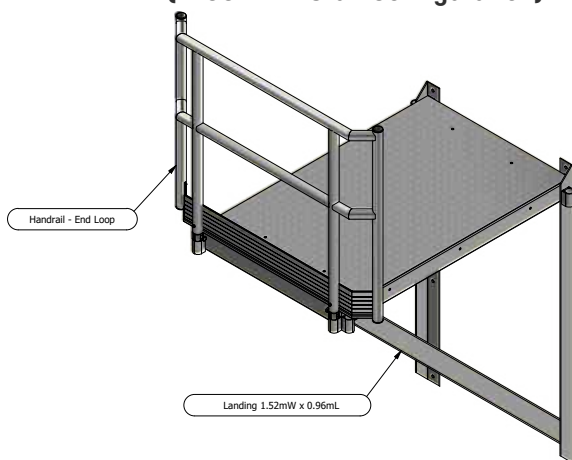
ADJUSTASTAIRS LANDINGS & ADD-ONS

HANGING LANDING

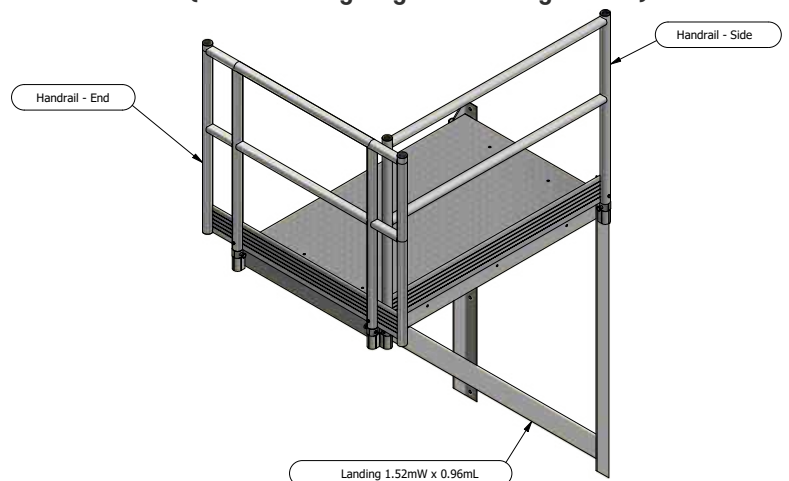
Code	Description
210278	AdjustaStairs Hanging Landing - 1.52mW x 0.96mL with wall braces
210919	AdjustaStairs Hanging Landing End Loop Handrail - suits 1200mmW configuration
210920	AdjustaStairs Hanging Landing End Flat Guardrail - suits 600mmW configuration
210921	AdjustaStairs Hanging Landing Side Flat Guardrail - suits 600mmW configuration

- Perfect to create a long stair system into a pit or shaft.
- Much smaller footprint than a scaffold tower - perfect for sites where space is limited.
- Height of mid-landing below 4m can be modified to suit site specific requirements.

**LANDING WITH LOOP END GUARDRAIL
(1200mmW Stair Configuration)**



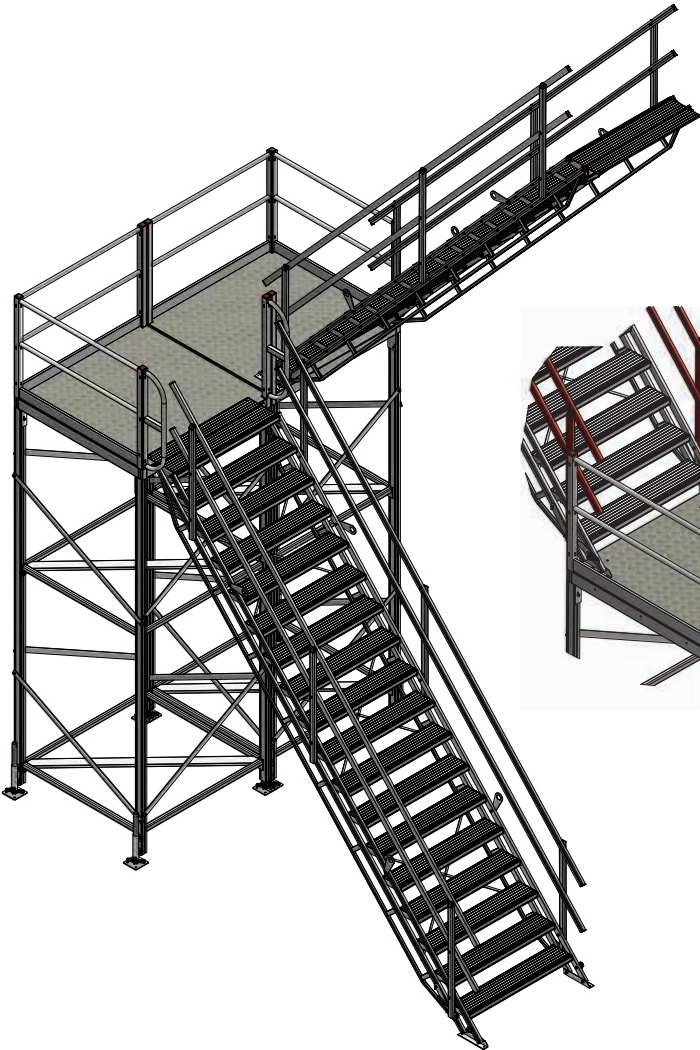
**LANDING WITH END & SIDE GUARDRAIL
(600mmW Zig-Zag Stair Configuration)**



ADJUSTASTAIRS LANDINGS & ADD-ONS
MID-LANDING SYSTEM

Code	Platform Height
210975	1mH Mid Landing with 1.4mH Guardrail
210976	2mH Mid Landing with 1.4mH Guardrail
210977	3mH Mid Landing with 1.4mH Guardrail
210978	4mH Mid Landing with 1.4mH Guardrail

- AdjustaStairs Mid Landing System is available for landing heights 1-4m.
- 1500mm x 1500mm landing.
- Custom sizes are available for single and double width AdjustaStairs.





INDUSTRY STORY

Maple Reinders Construction - AdjustaStairs with High Landings

THE CHALLENGE

Maple Reinders Construction has a long history of civil construction projects in Canada.

During the build of a large wastewater treatment facility in southern Alberta, they needed safe access into 8m-deep tanks.

Traditional scaffolding would have been costly, time-consuming, and difficult to relocate as work progressed. The team consulted SafeSmart Canada for a solution:

Maple Reinders utilized 18-step AdjustaStairs combined with a 4m-high landing.

THE SOLUTION

This configuration provided an 8m vertical access solution that their own crews could install and reposition around the site as needed.

THE RESULT

The system delivered a faster, more cost-effective alternative to scaffolding. Workers could **easily enter and exit the tanks and move the stairs as formwork advanced.**

Maple Reinders retained the stairs for reuse on future projects, maximizing long-term value.

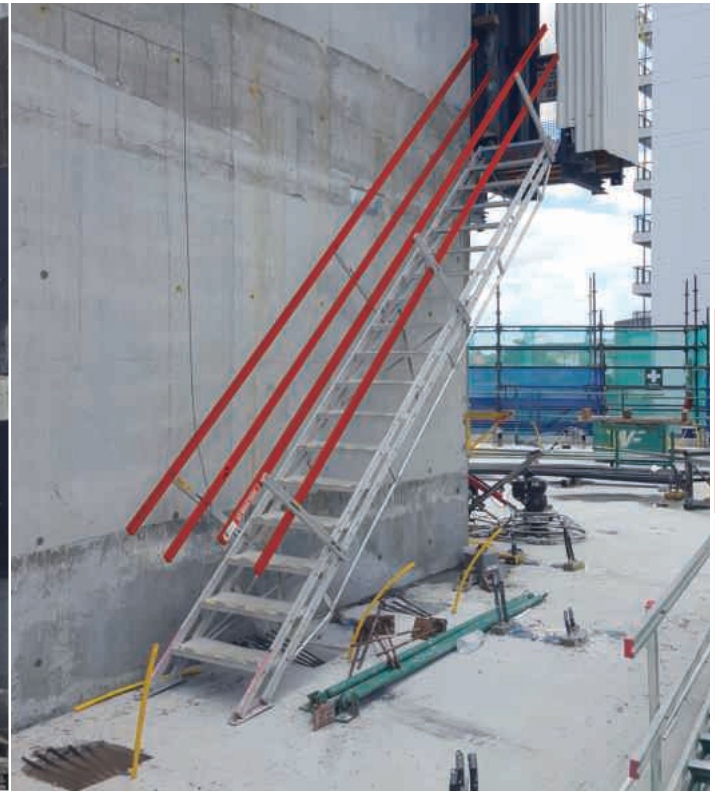


INDUSTRY APPLICATIONS

JUMP FORM ACCESS



TO SEE MORE GREAT SAFESMART PRODUCTS, BE SURE TO CHECK OUT OUR WEBSITE & LINKEDIN PAGES!



TUNNEL ACCESS



CONTAINER ACCESS



04 Stairs

INDUSTRY APPLICATIONS

SLOPE ACCESS

- Stairs will self-level to suit the angle of the batter.
- Multiple stairs can be joined end-to-end to span any batter length.
- Top and mid-landings can be constructed from Proscaf or custom aluminum fabricated.
- To fix, the stairs can be bolted into a timber sleeper or structural ply at the top, and pinned into the dirt at the bottom.



PIER ACCESS



04 Stairs

INDUSTRY APPLICATIONS

EXCAVATION ACCESS

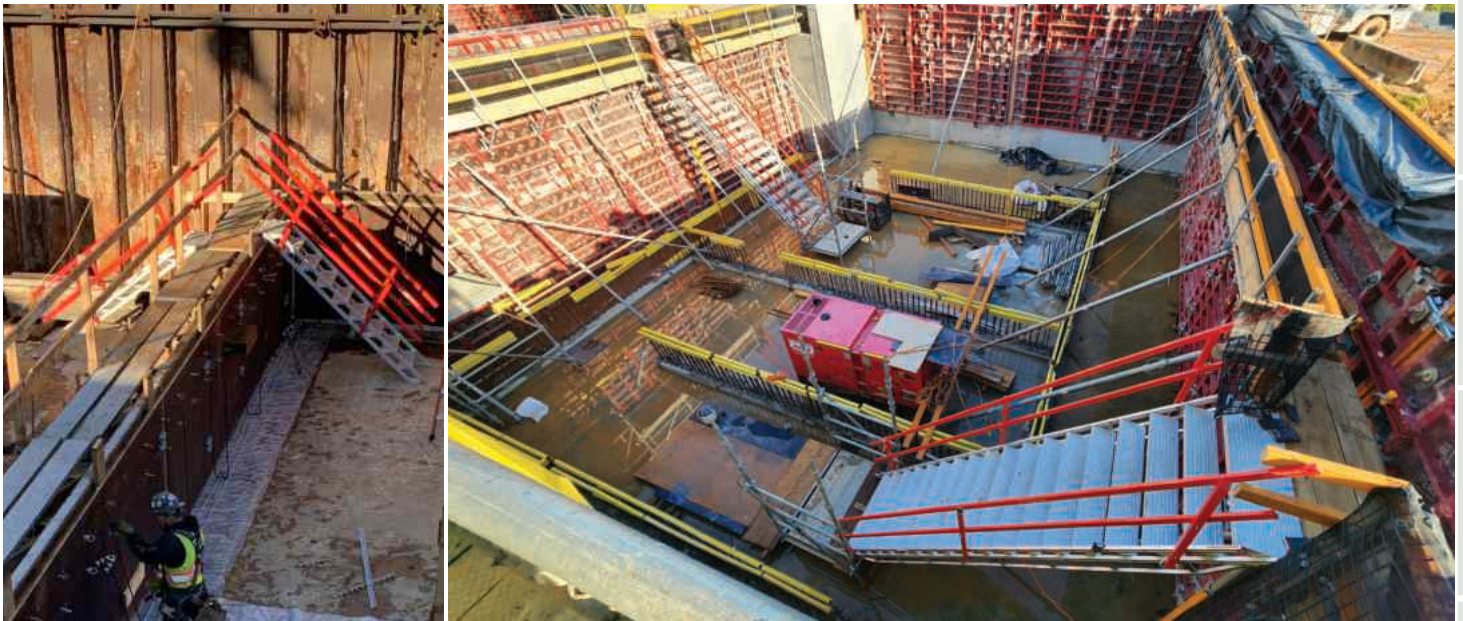
- Adjustability of the stairs makes them ideal for excavation access, where levels are constantly changing.

**FOR MORE APPLICATIONS,
LOOK FOR #ADJUSTASTAIRS ON
INSTAGRAM AND LINKEDIN NOW.**



FORMWORK ACCESS

- Use AdjustaStairs instead of a ladder for your primary or secondary access.
- Much quicker to set up and move than a scaffold tower.
- 1200mmW version is ideal for areas with high foot traffic.



04 Stairs

SMARTSTAIRS

STEEL MODULAR STAIR SYSTEM

BRIDGING GAPS

Pair your SmartStairs system with SmartBridge see page 78

- Modular box system for stretcher stair access/construction access - join boxes together to create your desired access height required on-site.
- Can be installed by competent personnel- no scaffolders required.
- Fully crane-liftable stair system.

STEEL SMARTSTAIRS

- Steel SmartStairs come equipped with 1.2mW Stair Treads (Construction stair modules available).
- Complete with easy-to-use sliding bolt pin.
- Designed to hang up to 40m between supports.
- Designed to freestand up to 18m.

ALUMINUM SMARTSTAIRS

- Aluminum structure. Huge weight saving for design intricate environments over against using steel.
- High strength light-weight aluminum structure.

Aluminum SMARTSTAIRS - MADE TO ORDER

2.3mH STRETCHER STAIR MODULE FREESTANDING SERIES*

Code	Description
221007	Steel Stretcher Stair Module - 2.3mH x 2.86mW x 4.0mL*

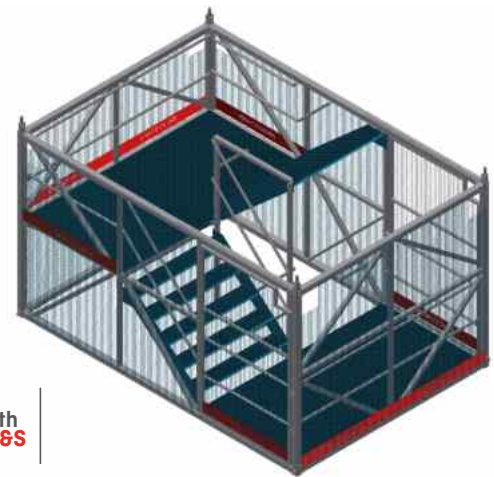
*The 2.3mH Module works with the SmartBridge system (see page 78)

DIMENSION	MEASUREMENT
Height (H)	2300mm
Length (L)	4030mm
Width (W)	2770mm
Stair Angle (SA)	45°
Stair Width (W)	1220mm
Exit Width (EW)	1340mm

3.0mH
Also Available
Upon Request

2.5kPa
WLL

Complies with
Canadian OH&S



2.3mH CONSTRUCTION STAIR MODULE

Code	Description
221005	Steel Construction Stair Module - 2.3mH x 1.57mW x 2.8mL

DIMENSION	MEASUREMENT
Height (H)	2300mm
Length (L)	2830mm
Width (W)	1570mm
Stair Angle (SA)	45°
Stair Width (W)	620mm
Exit Width (EW)	740mm

2.5kPa
WLL

Complies with
Canadian OH&S



04 Stairs

SMARTSTAIRS STEEL STAIR MODULES

2.3mH SAFERISE LADDER MODULE

Code	Description
221063	Steel Ladder Module - 2.3mH x 0.9mW x 1.82mL

DIMENSION	MEASUREMENT
Height (H)	2300mm
Length (L)	1820mm
Width (W)	900mm
Exit Width (EW)	660mm
Exit Height (EH)	1900mm

2.5kPa

WLL

Complies with
Canadian OH&S



SMARTSTAIRS

A CLOSER LOOK

“SafeSmart SmartStairs are a game-changer—just being able to lift six stacks of access towers in one go, with only half the footprint of traditional scaffold stretcher stairs!”

— General Foreman,
John Holland



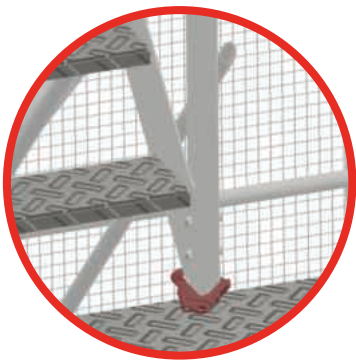
Sliding Pin Connection



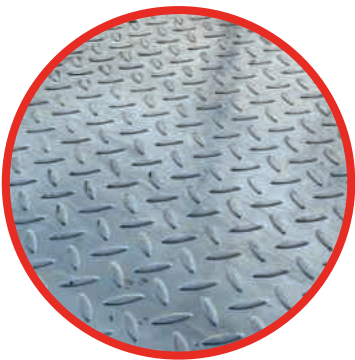
Certified Crane Lifting Points



25mm x 25mm Mesh Encapsulation



Rated Harness Point



Anti-Slip Checker Plate Flooring



Integral Toeboards

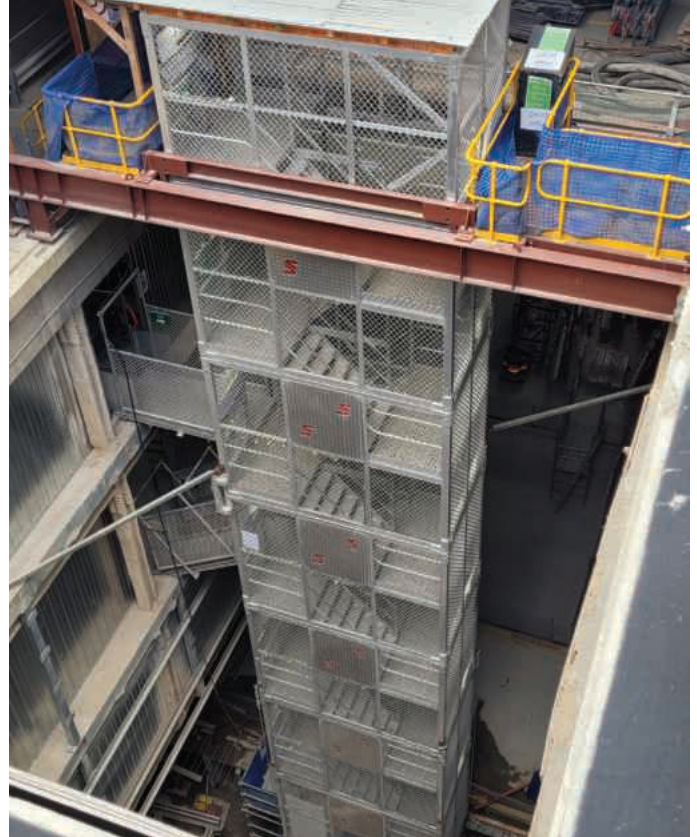
Ladders
Mobile Scaffolding
Work Platforms
Stairs
Ramps & Walkways
Edge Protection
Custom Solutions
Proscaf
Accessories
Aviation Access

SMARTSTAIRS - ALUMINUM SYSTEM

JUMP FORM ACCESS



SHAFT ACCESS



SMARTSTAIRS - STEEL SYSTEM

INDUSTRY APPLICATIONS - ABOVE GROUND

FREESTANDING UP TO 18m!



SCAN CODE
TO VIEW
VIDEO



Height Access Solutions
www.safesmartaccess.ca



Ladders

Mobile Scaffolding

Work Platforms

Stairs

Ramps & Walkways

Edge Protection

Custom Solutions

Proscaf

Accessories

Aviation Access



SECTION 05

RAMPS & WALKWAYS



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CANTILEVERED WALKWAY BRACKET	90

05 Ramps & Walkways

MODULAR STEPOVER

Choose your step angle, height and bridge length to build a premium grade step over platform.

Built tough with features such as a box section high tensile aluminum frame, and perforated plate deck surfaces. Supplied disassembled for ease of installation in tight locations.



Complies with
Canadian OH&S

225kg
WLL

COMPONENTS

70° LADDER RANGE

Code	Description	Platform Height
220235	Stepover 2 Step Ladder & Handrails	560mm
220236	Stepover 3 Step Ladder & Handrails	850mm
220237	Stepover 4 Step Ladder & Handrails	1120mm
220238	Stepover 5 Step Ladder & Handrails	1400mm
220239	Stepover 6 Step Ladder & Handrails	1700mm
220240	Stepover 7 Step Ladder & Handrails	1970mm
220241	Stepover 8 Step Ladder & Handrails	2200mm
210648	Stepover 9 Step Ladder & Handrails	2550mm



- Standard step height is 280mm, standard angle of ladder slope is 70-degrees, standard ladder width is 800mm.
- Standard ladder has rubber feet which can be changed for retrofit permanent feet plates which will attach to the support surface.
- Includes two ladder handrails which attach to the ladder stile and the main platform handrail posts.

45° STAIR RANGE

Code	Description	Platform Height
220220	Stepover Stair & Handrails	373mm
220221	Stepover Stair & Handrails	560mm
220222	Stepover Stair & Handrails	850mm
220223	Stepover Stair & Handrails	1120mm
220224	Stepover Stair & Handrails	1266mm
220225	Stepover Stair & Handrails	1400mm
220226	Stepover Stair & Handrails	1692mm
220227	Stepover Stair & Handrails	1970mm
210643	Stepover Stair Brace to suit 1970mmH Platform with 45-degree stairs	-
220228	Stepover Stair & Handrails	2200mm
210644	Stepover Stair Brace to suit 2200mmH Platform with 45-degree stairs	-
210642	Stepover Stair & Handrails	2550mm
210645	Stepover Stair Brace to suit 2550mmH Platform with 45-degree stairs	-



**STEPOVER STAIR
BRACE EXAMPLE**

- 220mm deep stair treads for comfortable access to the platform.
- Stair treads are ridged for safety and grip in all site conditions.
- Available as standard with bolt-down feet.



05 Ramps & Walkways

MODULAR STEPOVER COMPONENTS

PLATFORM BRIDGE RANGE

Code	Description
220200	Stepover Platform Bridge 0.6mL x 0.8mW
220201	Stepover Platform Bridge 1.0mL x 0.8mW
220202	Stepover Platform Bridge 1.5mL x 0.8mW
220203	Stepover Platform Bridge 2.0mL x 0.8mW
220204	Stepover Platform Bridge 3.0mL x 0.8mW
220205	Stepover Platform Bridge 4.0mL x 0.8mW
220206	Stepover Platform Bridge 6.0mL x 0.8mW

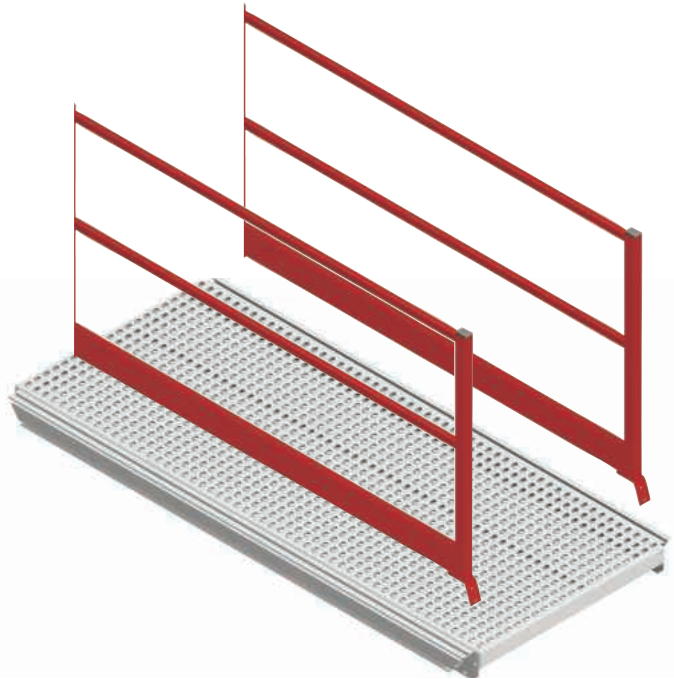
- The platform decks are perforated and swaged plate.
- Platforms bolt to a step ladder each end.
- Ladder sizes are interchangeable.
- The handrail set includes two frames, one for each side, which are bolted to the platform.
- There is a guardrail, midrail and toeboard for each frame.
- Can be used independently as an access bridge.



VERTICAL LADDER RANGE

Code	Description	Platform Height
220235	Stepover 2 Step Vertical Ladder	560mm
220236	Stepover 3 Step Vertical Ladder	850mm
220237	Stepover 4 Step Vertical Ladder	1120mm
220238	Stepover 5 Step Vertical Ladder	1400mm
220239	Stepover 6 Step Vertical Ladder	1700mm
220240	Stepover 7 Step Vertical Ladder	1970mm
220241	Stepover 8 Step Vertical Ladder	2200mm
210651	Stepover 9 Step Vertical Ladder	2550mm

- Width of the ladder is 800mm.
- Vertical ladder step height is 280mm. Angle of slope is 90-degrees.
- Rubber feet can be changed for retrofit permanent feet plates which will attach to the support surface.
- The top of the vertical ladder stiles are angled to match the standard platform bridge.

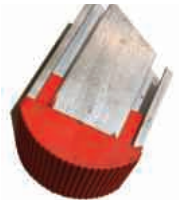


SCAN CODE
TO VIEW
VIDEO

05 Ramps & Walkways

MODULAR STEPOVER ACCESSORIES

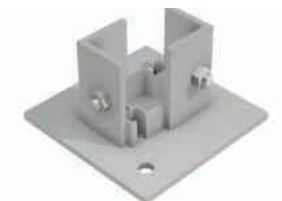
Code	Description
210142	Modular Short Leg (ea.)
210705	Permanent Base Plate Set to suit 70° Ladder. Set of two brackets.
210709	Permanent Base Plate set to suit Vertical Ladder (Set of two)
210144	Lifting Lug Angled - incl. Hardware (ea.)
210630	Modular Stepoover Retrofit Wheel Kit Bracket
230235	Heavy-Duty Adjustable Height Castor-200mm, 700kg WLL
210681	Fixed Bolt-in End Panel (1.0mH x 0.9mW)
210899	Batwing Gates 400mmW to suit Modular StepOver 900mmW
210788	70 degree Ladder Brace
210789	90 degree Ladder Brace



**MODULAR SHORT
LEG**
210142



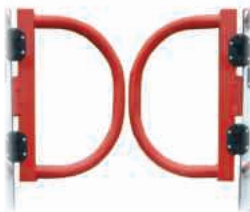
**PERMANENT BASE PLATE
SET**
210705



**PERMANENT BASE PLATE
SET
(VERTICAL LADDER)**
210709



**LIFTING LUG ANGLED -
INCL. HARDWARE**
210144



BATWING GATES
210899

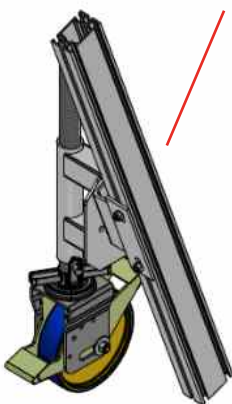


70-DEGREE LADDER BRACE
210788



90-DEGREE LADDER BRACE
210789

**MODULAR STEPOVER RETROFIT
WHEEL KIT BRACKET**
210630



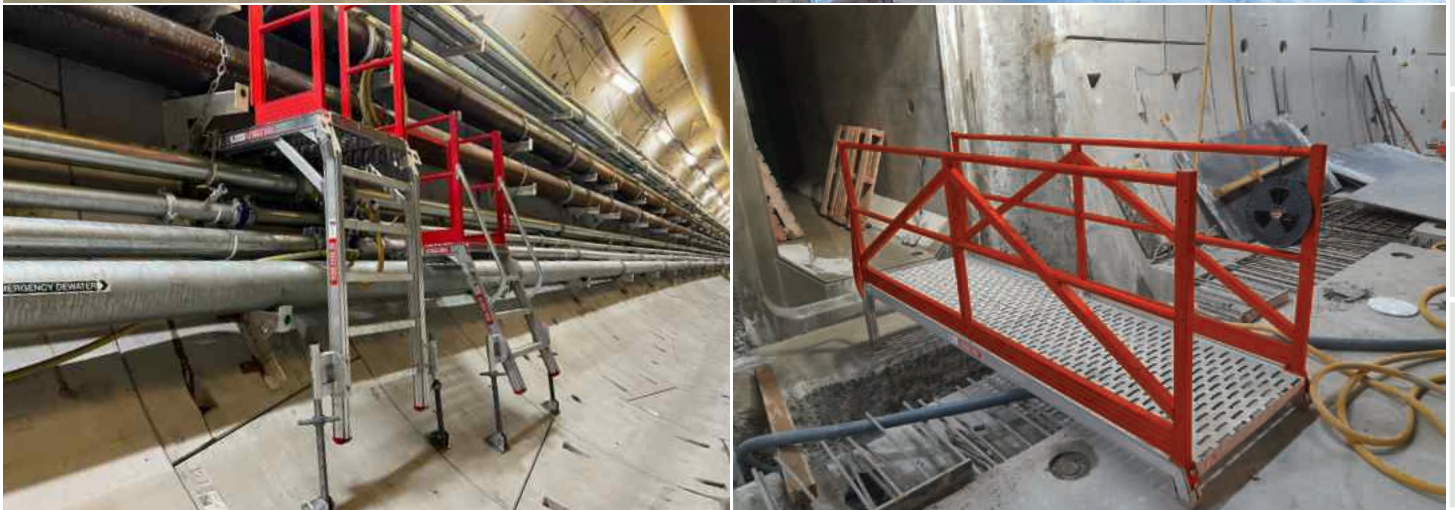
**FIXED BOLT-IN
END PANEL**
210681

**HEAVY-DUTY ADJUSTABLE
HEIGHT CASTOR**
230235



05 Ramps & Walkways

MODULAR STEPOVER APPLICATIONS



Ladders

Mobile Scaffolding

Work Platforms

Stairs

Ramps & Walkways

Edge Protection

Custom Solutions

Proscat

Accessories

Aviation Access



INDUSTRY STORY

North Shore Health - Modular StepOver

THE CHALLENGE

Robert Pizzarotti delivers large scale civil infrastructure, social infrastructure, buildings, developments and public private partnerships globally.

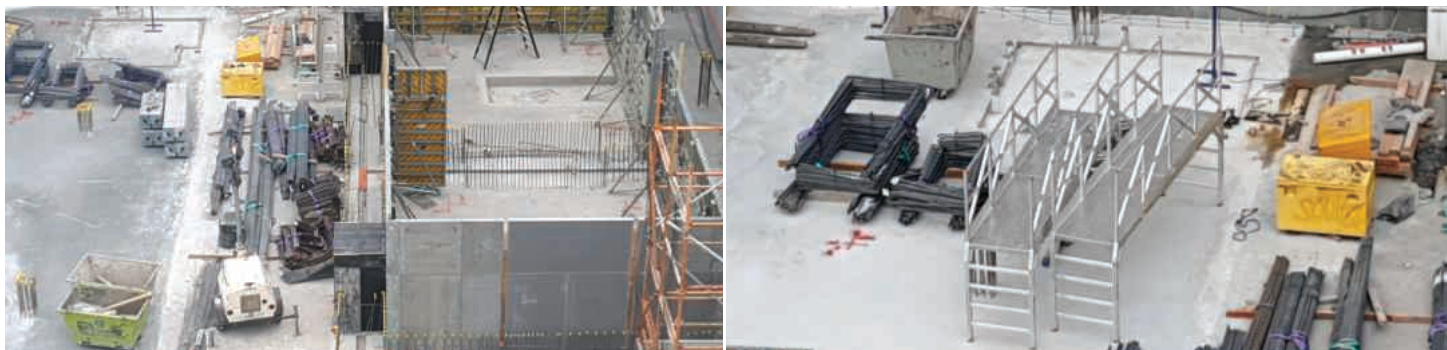
The North Shore Health Hub project awarded Roberts Pizzarotti the contract to build the new North Shore Health Hub. Located next to the Royal North Shore Hospital health precinct, North Shore Health Hub is a new commercial health office space which opened in 2020. Setting a new benchmark in the provision of health services and healthcare workspace, North Shore Health Hub offers state-of-the-art tenancies, with amenities including a covered bridge walkway to North Shore Private Hospital, an outdoor terrace, and significant end of trip facilities such as lockers, bike storage and shower facilities.

The main challenge was the steel fixers on the project needing to get close enough to the wall, to reach up to 3.4mH and install steel reinforcing.

THE SOLUTION

Due to success with other projects, the client contacted SafeSmart for an answer.

SafeSmart assessed the site and identified the vertical ladder Stepovers with a 4mL platform would **provide access to the whole wall at one time**. It meant that the platforms could be placed in between vertical reo bars without clashes so the work platform could be placed right up against the wall.



THE RESULT

The **Modular StepOver** provided a way for steel fixers to get close enough to the wall to reach and install the steel required. This product is rated for multiple people at one time and can be craned from floor to floor. **This eliminated downtime, saving money and time for the client.**



05 Ramps & Walkways

FORMSTEP BRIDGE

Code	Description	Width	Length	Height	Weight Rating
210835	FormStep Bridge	600mm	3000mm	403mm	225kg

- Safe, fast, easy access over clustered formwork decks & beams.
- No more trip hazards from exposed reinforcement.
- Stackable for storage.
- Fixed legs with base plates to anchor to formwork deck.

225kg
WLL

Complies with
Canadian OH&S



PORTABRIDGE

Code	Width	Length
210935	1.2m	3.0m
210936	1.2m	4.2m

300kg
WLL

Complies with
Canadian OH&S

- 1.2m width allows for easy access for workers & tools.
- Removable handrails - bridge can be flat packed.
- Easy to position.
- Hinged flaps on ends - no trip points.
- Ideal for bridging over trenches on work sites.
- Also available with perforated aluminum deck.



05 Ramps & Walkways

SMARTBRIDGE

THE STRUCTURAL BRIDGE SYSTEM THAT CONNECTS TO **SMARTSTAIRS**

BRIDGE THE GAP

Pair your SmartBridge system with SmartStairs see page 68

SmartBridge is designed similarly to the SmartStairs system. It is a steel flat-packed bridge module that can be bolted together to create an assembled covered bridge. SmartBridge can achieve spans of up to 36 metres (subject to wind loading and site conditions).

Consult with a technical consultant today to discuss your requirements.

FEATURES:

- Internal handrails on both sides of the bridge module.
- 25 x 25mm mesh encapsulation.
- Covered roof for added protection.

10kPa
RATED ROOF DESIGN

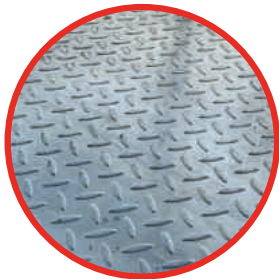
Estimated Mass: 1 tonne.

2.3mH SMARTBRIDGE MODULE

Code	Description
221008	SmartBridge Module - 2.39mH x 2.8mW x 2.77mL

2.5kPa
WLL

Complies with
Canadian OH&S



Anti-Slip Checker Plate Flooring



Integral Toeboards

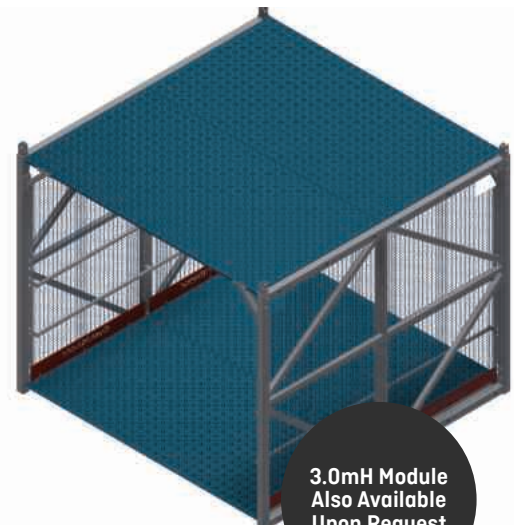


25mm x 25mm Mesh
Encapsulation

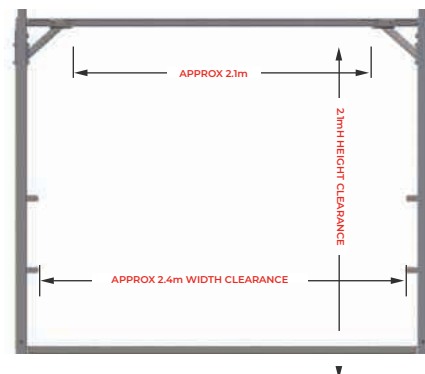


Certified Crane Lifting
Points

DIMENSION	MEASUREMENT
Height (H)	2400mm
Length (L)	2770mm
Width (W)	2800mm
Internal Width Clearance (IWC)	2470mm
Internal Height Clearance (IHC)	2150mm



3.0mH Module
Also Available
Upon Request

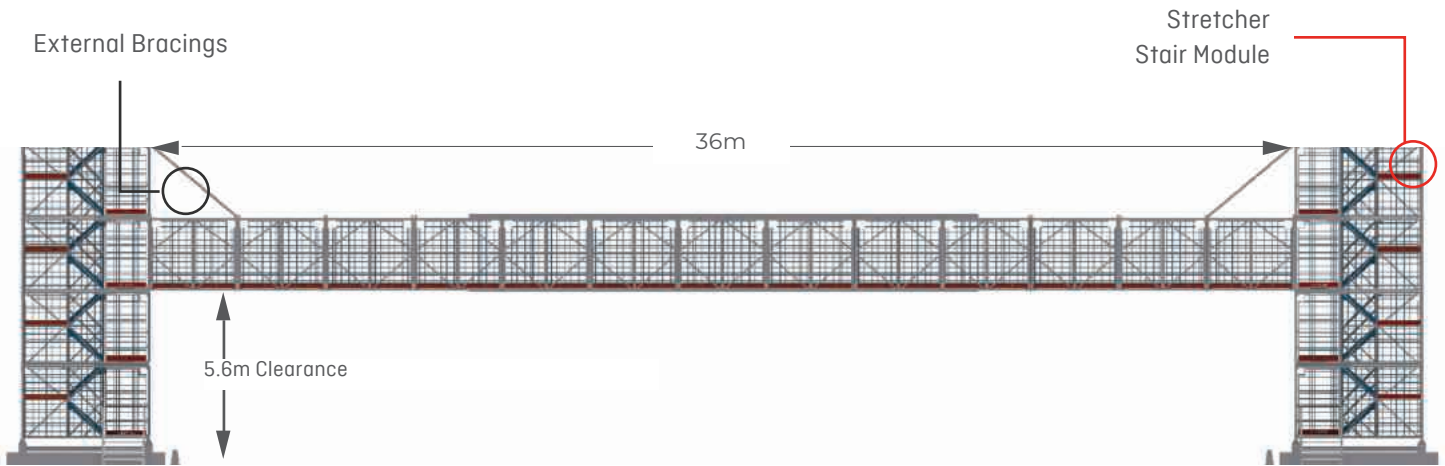


Height Access Solutions
www.safesmartaccess.ca

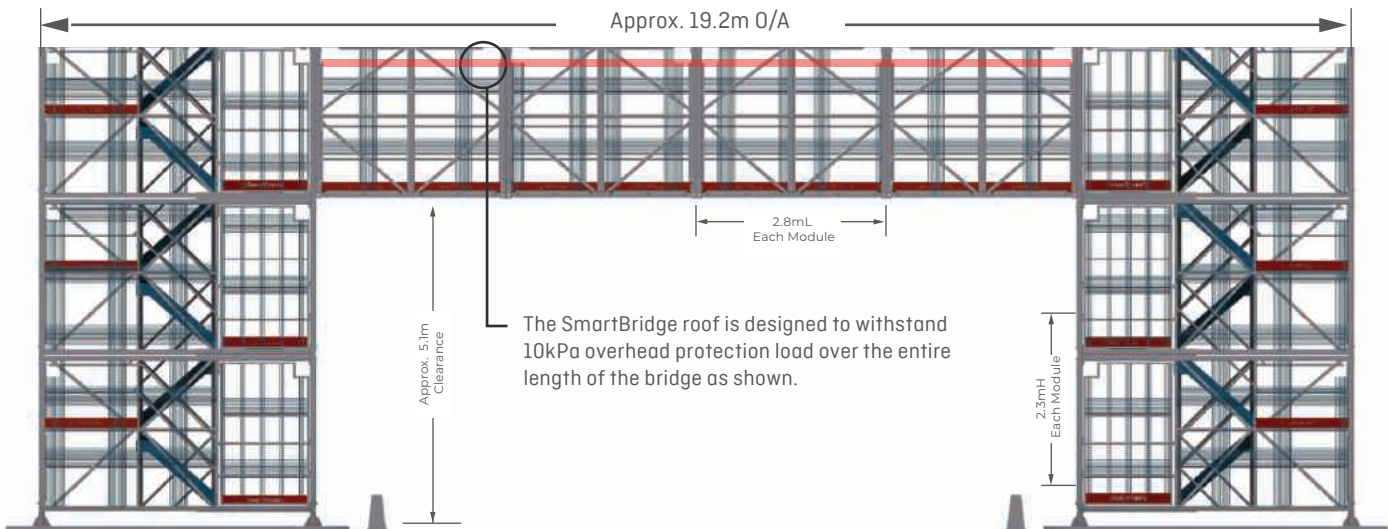
05 Ramps & Walkways

SMARTBRIDGE

APPLICATION - LARGE SPANS UP TO 36M!



DID YOU KNOW THAT SMARTBRIDGE CAN ACHIEVE 10kPa RATINGS FOR OVERHEAD PROTECTION.



Speak to a SafeSmart technical consultant about your specific requirement. Custom configurations are available!

Note: SmartBridge is designed and engineered to achieve spans up to 36 metres.

05 Ramps & Walkways

ADAPTASpan COMPONENTS

Code	Description	Measurements
210136	AdaptaSpan Modular Bridge	1m module x 1.2mW, 4.8kPa
210145	AdaptaSpan Modular Bridge	2m module x 1.2mW, 4.8kPa
210137	AdaptaSpan Modular Bridge	3m module x 1.2mW, 4.8kPa
210134	AdaptaSpan Modular Bridge Anchor Bracket	-
210135	AdaptaSpan Modular Bridge Hinging End Ramp	0.7mL x 1.2mW
210129	AdaptaSpan Modular Bridge Crane Lifting Lug	-
210154	AdaptaSpan Modular Bridge Corner Module	1.2mW 90-degree
210358	AdaptaSpan Modular Bridge Hinging Bracket	-
210359	AdaptaSpan Modular Bridge Roller Bracket	-

CRANE BRIDGE ATTACHMENTS

Code	Description	Measurements
210130	AdaptaSpan Modular Bridge Tower Crane Access Adapter Frame	0.6mL x 1.2mW
210131	AdaptaSpan Modular Bridge Bolt-On Extra Height Guardrail Pair	1mL
210132	AdaptaSpan Modular Bridge Bolt-On Extra Height Guardrail Pair	2mL
210133	AdaptaSpan Modular Bridge Bolt-On Extra Height Guardrail Pair	3mL
210138	AdaptaSpan Modular Bridge Bolt-On 200mm Swivel / Braked Castors Pair of LH & RH	200mm
210139	AdaptaSpan Modular Bridge Bolt-On Height Adjustment Pack Pair	0-0.8mH Vertical Adjustment
210146	AdaptaSpan Modular Bridge Tower Crane Access Entry/Exit Swing Gate with Mesh	2mH x 1.2mW
210147	AdaptaSpan Modular Bridge Tower Crane Access Anti-Climb Wings & Panel	2.5mH x 2.23mW

NEED TO GO LONGER? CREATE A SPAN UP TO 21m

Code	Description	Measurements
210123	AdaptaSpan Modular Bridge Accessories Brace structure incl H/ware	-
210126	AdaptaSpan Modular Bridge Accessories Guardrail Strongback	100x 50x4mm RHS, 6.0mL with machined holes

- Provides safe access across trenches, canals, footpaths and work sites.
- 1.2mW allows for two-way access.
- Attachments available to create crane access bridges.
- Includes end ramps for smooth transition from ground.

4.8kPa
WLL



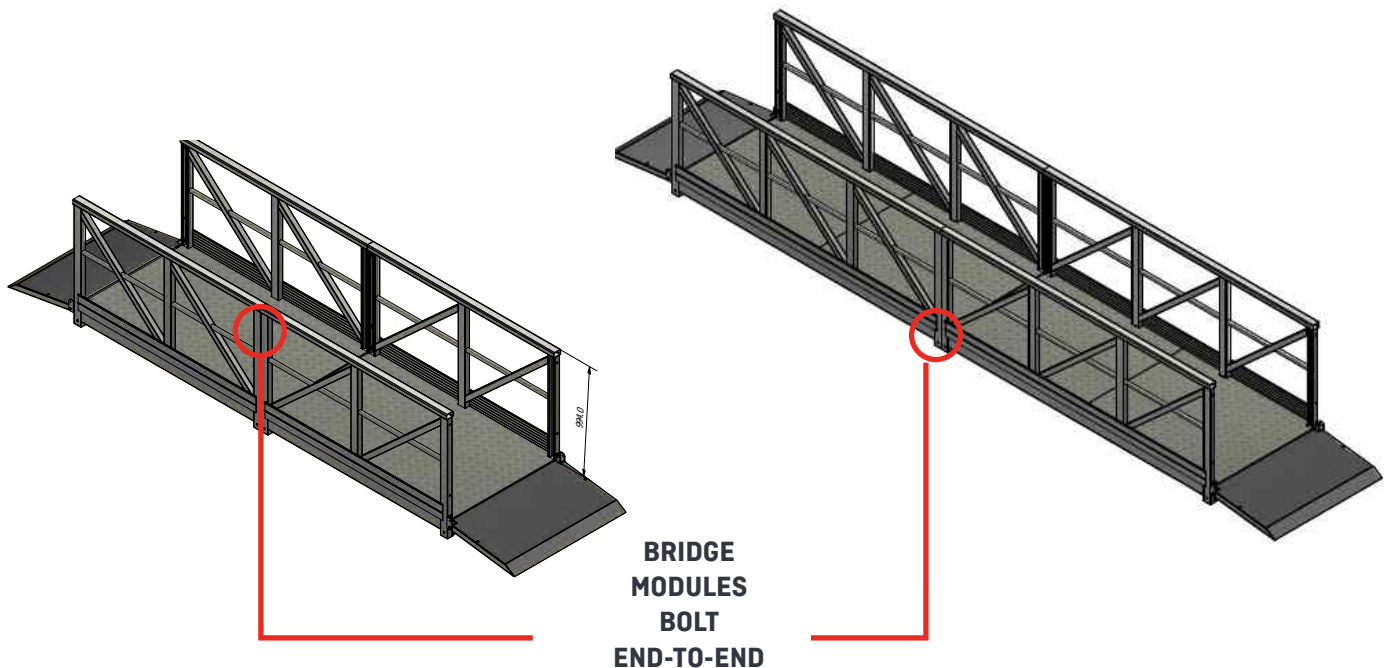
05 Ramps & Walkways

ADAPTASpan MODULES

**JOIN MODULES TOGETHER TO CREATE CLEAR SPAN -
UP TO 21 LINEAR METRES!**

4M BRIDGE (2 X 2mL MODULES)

6m BRIDGE (2 X 3mL MODULES)

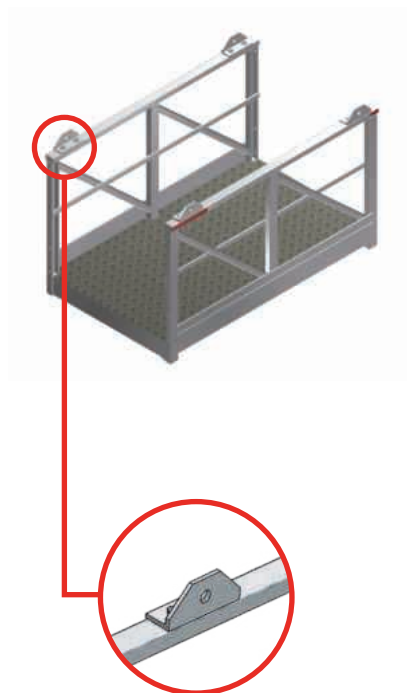


SCAN CODE
TO VIEW
VIDEO

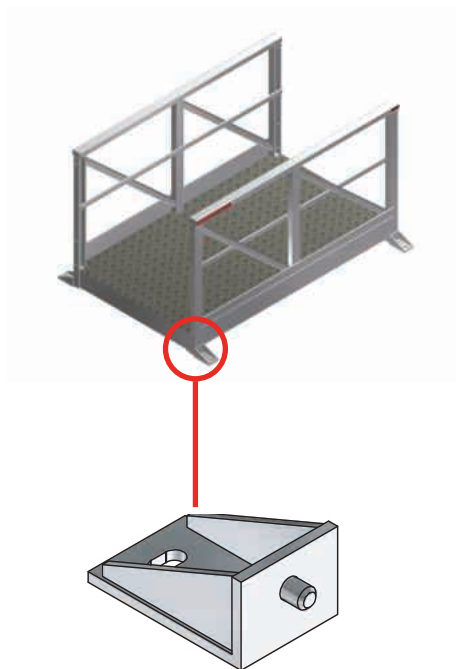


05 Ramps & Walkways

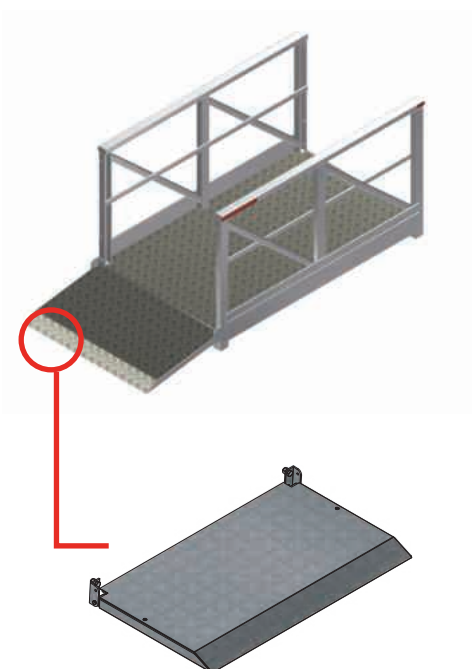
ADAPTASpan - COMPONENTS



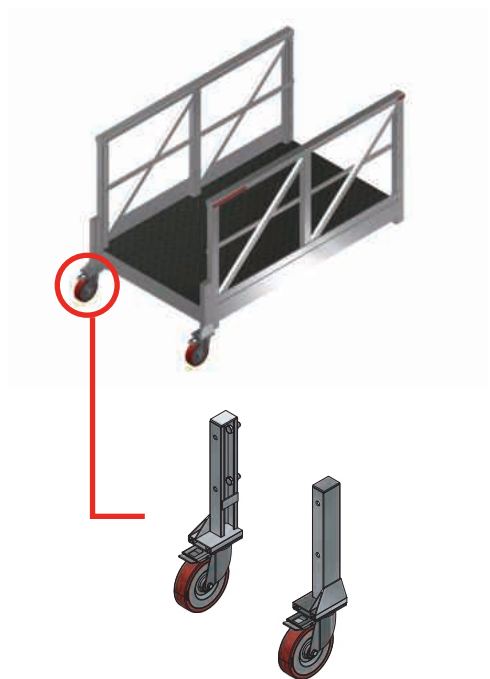
**CRANE LIFTING
LUGS**
210129



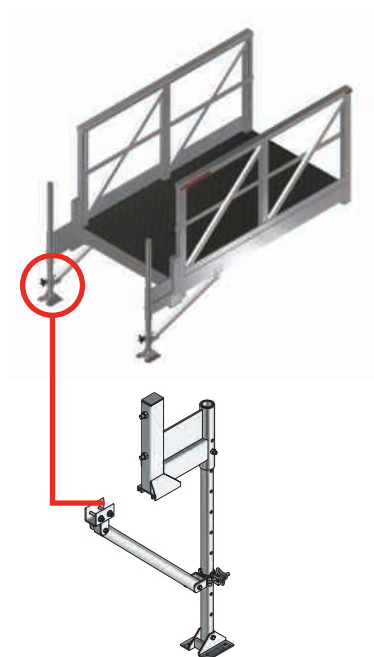
ANCHOR BRACKET
210134



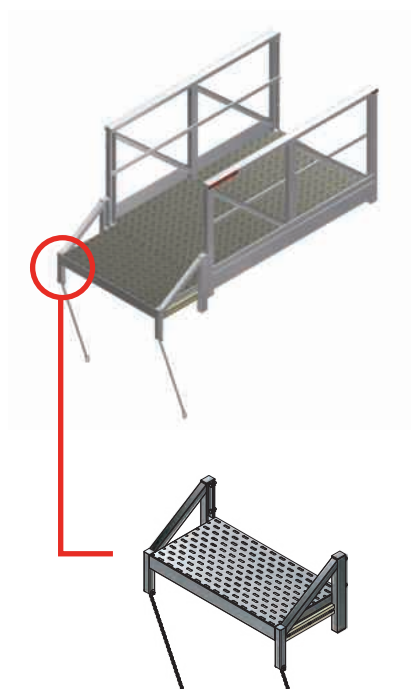
**HINGING END
RAMP**
210135



**BOLT-ON CASTORS
AND BRACKETS**
210138



**BOLT-ON HEIGHT
ADJUSTABLE
BRACKETS**
210139

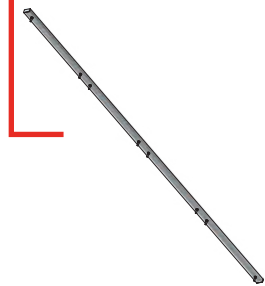
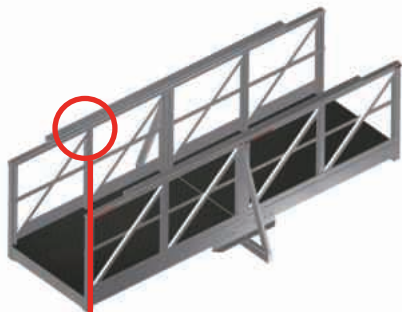


**TOWER CRANE ACCESS
ADAPTER FRAME**
210130

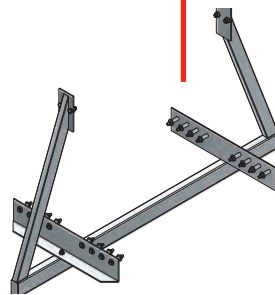


05 Ramps & Walkways

ADAPTASpan - COMPONENTS



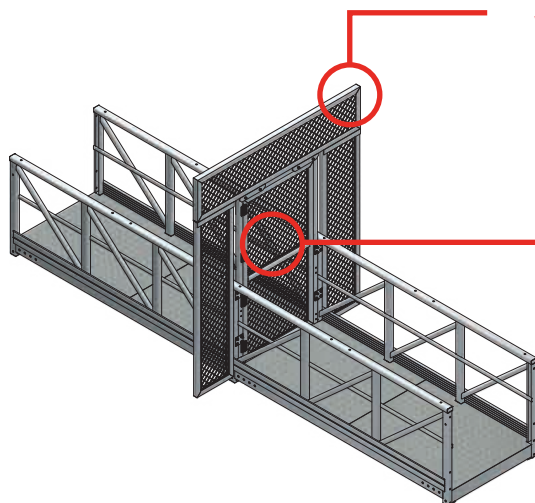
**GUARDRAIL
STRONGBACK**
210126*



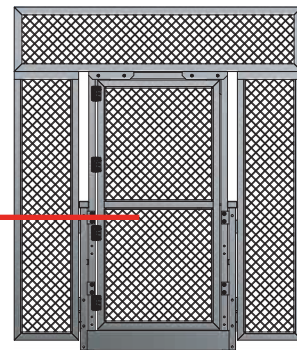
**BRACE STRUCTURE
INC H/WARE**
210123*



**MODULAR BOLT-
ON EXTRA HEIGHT
GUARDRAIL PAIR**
210131, 210132, 210133



**ANTI-CLIMB
WINGS & PANEL**
210147

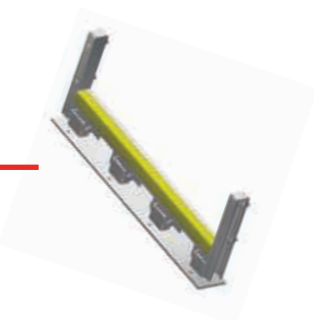


**ENTRY/EXIT SWING GATE WITH
MESH**
210146

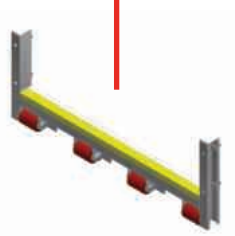
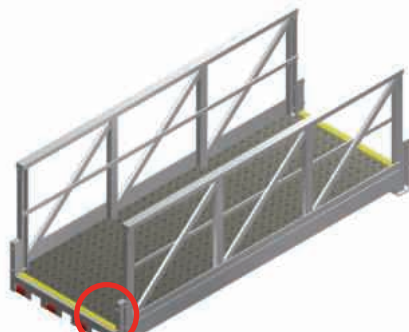
**Contact SafeSmart Access for a Temporary Works Design specific to your project.*

05 Ramps & Walkways

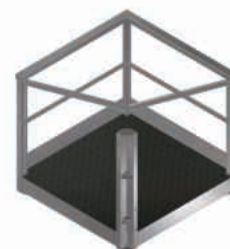
ADAPTASpan - COMPONENTS



HINGING BRACKET
210358



ROLLER BRACKET
210359



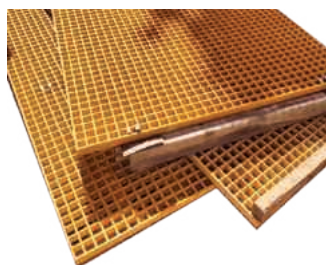
**1.2MW 90 DEGREE
CORNER MODULE**
210154

HEAVY-DUTY FRP WALKWAY MESH

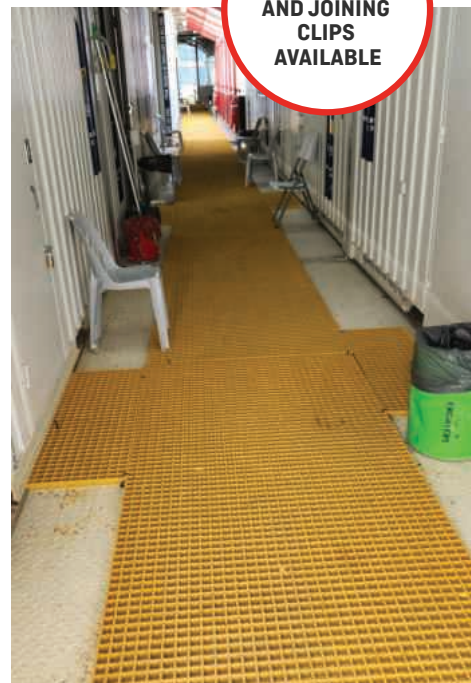
WALKWAY MESH PANELS

Code	Description
210902	Heavy-Duty FRP Walkway Mesh Panels 1830mmL x 1220mmW x 25mmH
210903	C-Clip for 25mmH FRP Walkway Mesh Panels w/ M6 Socket Head Cap Screw

- This anti-slip surface is perfect for industrial purposes. It has a good coefficient of friction and will not reduce the load carrying capacity like serrated steel grates do.
- Lightweight, high strength & ease of installation.
- No hot work or welding required.
- Environmentally sound.
- 38.1mm x 38.1mm aperture square mesh.
- Industrial Grade (Grit) Anti-Slip Surface.



**ADDITIONAL
MESH SIZES
AND JOINING
CLIPS
AVAILABLE**





INDUSTRY STORY

City of Calgary - AdaptaSpan - Pedestrian & Bike Lane Crossover

THE CHALLENGE

The City of Calgary needed to keep a public bike and pedestrian lane open during construction. Two 36-inch pump lines ran across the route, completely blocking the bike lanes.

Because the lanes remained open to the public, the crossover required a very shallow gradient—1:12—to meet building code and accessibility requirements.

The solution needed to be safe, compliant, and quick to implement.

THE SOLUTION

SafeSmart Canada had AdaptaSpan components in stock and combined standard off-the-shelf walkways with a custom height-adjustable leg system.

This allowed the team to **span the pump lines while providing long enough ramps to achieve the required 1:12 gradient.**

SafeSmart delivered the full system in under two weeks from the initial consultation.



THE RESULT

The City of Calgary kept its bike lanes open through the summer and into winter with a fully compliant crossover system.

The reusable **AdaptaSpan** setup can now be deployed on future projects as needed.

Ladders

Mobile Scaffolding

Work Platforms

Stairs

Ramps & Walkways

Edge Protection

Custom Solutions

Proscaf

Accessories

Aviation Access

05 Ramps & Walkways

ADAPTASpan - CRANE BRIDGE INDUSTRY APPLICATIONS



05 Ramps & Walkways

ADAPTASpan - OTHER APPLICATIONS
INDUSTRY APPLICATIONS



Shown with AdjustaStairs and AdjustaStairs Mid-Landings.

Ladders
Mobile Scaffolding
Work Platforms
Stairs
Ramps & Walkways
Edge Protection
Custom Solutions
Proscaf
Accessories
Aviation Access



INDUSTRY STORY

Level Crossing - AdaptaSpan & AdjustaStairs

THE CHALLENGE

SafeSmart's Modular AdjustaStairs and AdaptaSpan components facilitated site access for hundreds of personnel involved in the Level Crossing Removal Project. The project is a massive undertaking that will transform the way commuters travel via rail across metropolitan Melbourne. The scope includes crossing removals and major upgrades such as new train stations, track duplication, or stabling yards accessible for all passengers on the rail network.

A part of this crossing removals project is the Southern Program Alliance (SPA), comprising of Lendlease, Acciona/Coleman Rail, Metro Trains Melbourne, and the Level Crossing Removal Project. They are a group of construction and transport industry leaders who have removed many level crossings, including Edithvale, Chelsea, and Bonbeach locations.

At these locations, excavating a rail trench to pass under the roads was needed to remove where the road crossed the railway line. However, during its removal, construction workers needed to frequently cross from one-side of the trench to the other plus access into the channel, which presented a few problems.

Elevation, voids, and uneven terrain were all factors to consider. Additionally, a few conditions needed to be met for safe access around these obstacles. Access needed to be:

- Stretcher compliant, which requires increased handrail heights and wider access stairs & walkways.
- Load rated to 4.8 kPa.
- A temporary installation.





THE SOLUTION

Traditionally, this type of access would be solved with scaffold structures; however, costs incurred through labour, components, and downtime for installation exceeded the budget and time constraints for the client.

After an initial consultation with SafeSmart, SPA enquired about the possibility of a custom solution instead. Through understanding their site conditions and budget estimates, the SafeSmart team determined that a combined solution of custom walkways, **AdjustaStairs**, and **AdaptaSpan** would be a more viable option than scaffolding.

Faster to install, compliant to site conditions, and less costly than scaffolding installations, the combined solution proved safer and more cost-effective for site access.

Workers could now easily access the rail trench via one staircase consisting of two AdjustaStairs and two landings, with AdaptaSpan bridging the two sides of the trench together on top. Moreover, the setup was entirely compliant for local regulations, as well as the needs of the site being stretcher complaint, 2.5 kPa load rating, and moveable.

THE RESULT

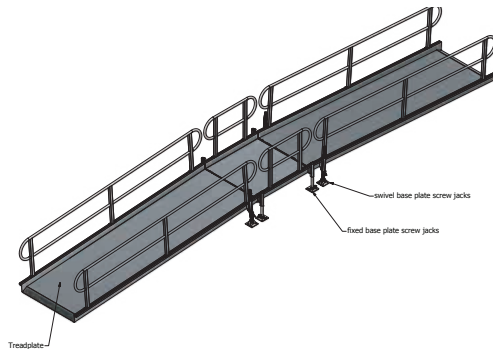
The result was a fully engineered system in which SPA **easily craned into position, connected together simply, and moved regularly as required**. Additionally, the modular design meant that components could be independently used or linked together to cross the trench and descend into the trench off the same walkway.

05 Ramps & Walkways

CONCRETE LINE RAMP

Code	Description
210836	Concrete Line Ramp

- For use when concrete pumping lines are in operation.
- 1200mm wide.
- 900mm high handrails with 104mm toe board.
- Adjustable legs to ensure no interference from the line pump.
- 1200mm long landing with 1:14 gradient ramps.
- Heavy-duty checker plate ramp surface.
- Bevelled entrance and exit for minimal walkway interruption.
- 2.5Kpa rated.
- Modular design for easy transportation.



CANTILEVERED WALKWAY BRACKET

Code	Description
210949	Cantilevered Walkway Bracket - Including 1.6m Tube - Painted

2.5kPa
WLL

Complies with
Canadian OH&S

- Proprietary system.
- Maximum of 1200mm post spacings.
- Up to 1600mmH guardrail posts.
- 1000mmW walkway deck.
- Used with concrete screw anchors and ferrules.

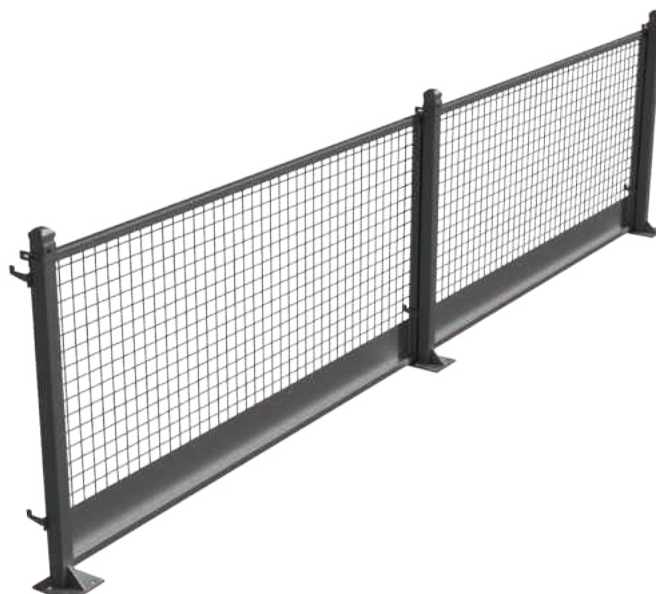




SECTION 06

EDGE PROTECTION

ADAPTAPANEL	92	EASYDECK EDGE PROTECTION	116
ADAPTAPANEL WORK THROUGH	96	INDUSTRY STORY - EASYDECK	118
GUARDRAIL POSTS	100	PORTABLE BUILDING EDGE PROTECTION	119
KING KLAMPZ EDGE PROTECTION	102	INDUSTRY STORY - SILICA DUST	120
CROWD CONTROL BARRIER	103		
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EASYRAIL EDGE PROTECTION	114		



06 Edge Protection

ADAPTAPANEL - TOP MOUNT

Complies with
Canadian OH&S

1.18MH ADAPTAPANEL TOP MOUNT

Code	Description
210842	AdaptaPanel EP Post - 1.18mH

- ☐ Gawk Screens.
- ☐ General Edge Protection.
- ☐ Void Edge Protection.
- ☐ Site Delineation.



1.67mH ADAPTAPANEL TOP MOUNT

Code	Description
210876	AdaptaPanel EP Post - 1.67mH

- ☐ Capping beam edge protection.
- ☐ Medium risk applications.



2.31mH ADAPTAPANEL TOP MOUNT

Code	Description
210875	AdaptaPanel EP Post - 2.31mH

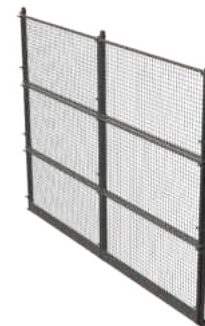
- ☐ Acoustic Fences.
- ☐ Crane PEZ.
- ☐ High risk applications.
- ☐ Security Fences.
- ☐ Deep Shafts.
- ☐ High Profile Project/Government Projects.



3mH ADAPTAPANEL TOP MOUNT

Code	Description
210876	AdaptaPanel EP Post - 3.0mH

- ☐ Stepped Capping Beam.
- ☐ Used as edge protection screens.
- ☐ Very high-risk applications near public interface.



4mH ADAPTAPANEL TOP MOUNT

Code	Description
210966	AdaptaPanel EP Post - 4.0mH

- ☐ Void protection for station boxes.
- ☐ Used as edge protection screens.
- ☐ Very high-risk applications near public interface.



06 Edge Protection

ADAPTAPANEL - FACE MOUNT

1.18mH ADAPTAPANEL FACE MOUNT

Code	Description
210870	AdaptaPanel Face Mount Post - 1.18mH

SOLUTIONS:

- ☐ Gawk Screens.
- ☐ General Edge Protection.
- ☐ Void Edge Protection.
- ☐ Site Delineation.

Complies with
Canadian OH&S



1.67mH ADAPTAPANEL FACE MOUNT

Code	Description
210871	AdaptaPanel Face Mount Post - 1.67mH

SOLUTIONS:

- ☐ Capping Beam Edge Protection.
- ☐ Medium Risk Applications.



2.31mH ADAPTAPANEL FACE MOUNT

Code	Description
210872	AdaptaPanel Face Mount Post - 2.31mH

SOLUTIONS:

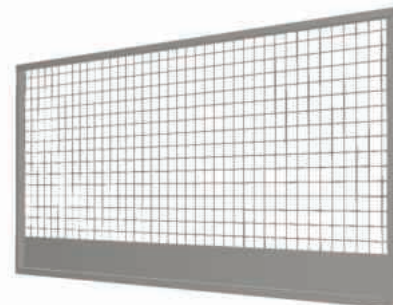
- ☐ Acoustic Fences.
- ☐ High risk applications.
- ☐ Deep Shafts.
- ☐ Crane PEZ.
- ☐ Security Fences.
- ☐ High Profile Project/Government Projects.



ADAPTAPANEL MESH PANEL

Code	Description
210844	AdaptaPanel Mesh Panel - 0.5mH x 1.0mL
210845	AdaptaPanel Mesh Panel - 0.5mH x 2.04mL
210848	AdaptaPanel Mesh Panel - 1.08mH x 1.0mL
210847	AdaptaPanel Mesh Panel - 1.08mH x 2.04mL
210964	AdaptaPanel Mesh Panel w/ Sliding Windows*

*Sliding windows are shown on page 95



06 Edge Protection

ADAPTAPANEL - OTHER SOLUTIONS

ADAPTAPANEL - CRANKED POST

Code	Description
210965	AdaptaPanel Mesh Panel - 0.5mH x 1.0mL
210845	AdaptaPanel Mesh Panel - 0.5mH x 2.0mL
210847	AdaptaPanel Mesh Panel - 1.0mH x 1.0mL
210965	AdaptaPanel Cranked Post - 2.0mH

SOLUTIONS:

- Rated Edge Protection whilst maintaining maximum visibility down shafts/ excavations.
- Ideal for crane operators and dogmen.

Complies with
Canadian OH&S



ADAPTAPANEL - COUNTERWEIGHT SYSTEM

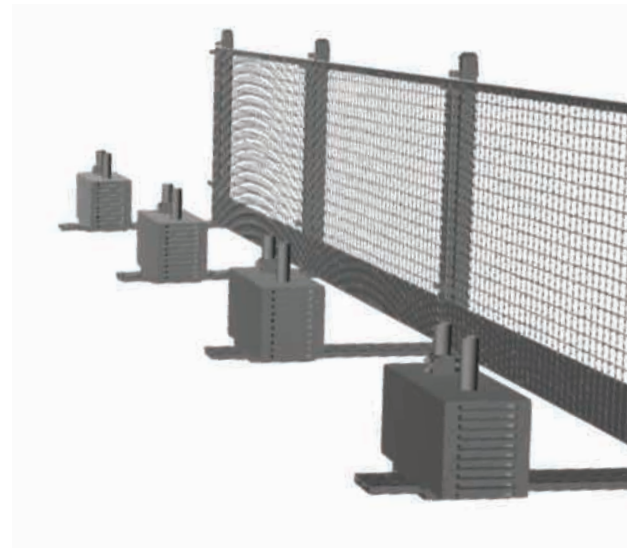
Code	Description
210842	AdaptaPanel EP Post - 1.0mH
210847	AdaptaPanel Mesh Panel - 1.0mH x 2.0mL
210576	AdaptaPanel Counterweight Base Section 0.8mL
210577	AdaptaPanel Counterweight Base Section 1.0mL
210578	AdaptaPanel Counterweight Base Section 1.2mL
210579	AdaptaPanel Counterweight 22.5kg HDG

SOLUTIONS:

- Ideal for areas where fixings are restricted.
- Counterweight base sections available in a variety of lengths to accommodate unique site requirements.
- Where shorter base sections are required, more counterweight is needed.

Disclaimer:

Counterweight system must be used in conjunction with applicable temporary works design. For clarification, please consult your SafeSmart representative.



ADAPTAPANEL - OTHER SOLUTIONS

ADAPTAPANEL - SLIDING PANEL

Code	Description
210964	AdaptaPanel Mesh Panel with Sliding Windows
210875	AdaptaPanel EP Post - 2.0mH

SOLUTIONS:

- Access point for surveyors.
- Opening for Temporary Service.
- Designated viewing area for Rigger, Dogman or visiting personnel.

Complies with
Canadian OH&S



ADAPTAPANEL - GATE

Code	Description
210146	AdaptaPanel Swing Gate
210875	AdaptaPanel EP Post - 2.0mH (2 required)

SOLUTIONS:

- Designated Access Gate through AdaptaPanel.
- Ideal for exclusion zones and temporary fencing.

Complies with
Canadian OH&S



DID YOU KNOW?

SafeSmart Access provides complimentary on-site consultation for any edge protection requirements.

Scan QR code and submit a site visit request today!

06 Edge Protection

ADAPTAPANEL WORKTHRU

Code	Description
210560	AdaptaPanel Edge Protection Work Through Series - Panel 1.0mH x 1.0mL
210561	AdaptaPanel Edge Protection Work Through Series - Panel 1.0mH x 2.0mL
210562	AdaptaPanel Edge Protection Work Through Series - Toeboard 1.2mL
210563	AdaptaPanel Edge Protection Work Through Series - Toeboard 2.2mL
210564	AdaptaPanel Edge Protection Work Through Series - Toeboard 3.2mL
210565	AdaptaPanel Edge Protection Work Through Series - Mesh 1.0mH x 1.0mL
210566	AdaptaPanel Edge Protection Work Through Series - Mesh 1.0mH x 2.0mL
210567	AdaptaPanel Edge Protection Work Through Series - Adjustable Sliding Panel
290858	Harness Anchor Bracket

- Edge protection panels with removable mesh panels and toeboards, with direct installation to a post set within 300mm of the slab edge.
- Debris netting support posts 3m high with 20x20mm debris netting attached to the posts. The 3.0m high posts are bolted to the slab at approx. 0.5m back from the edge protection panels.
- Posts and panels are galvanised for longevity.
- Sliding safety latches retain mesh panels preventing unintentional lift-off.
- Compatible with the standard AdaptaPanel system.

Complies with
Canadian OH&S

Advantages of removable mesh:

- Allows workers to safely work through the edge protection whilst maintaining fall protection beside live edges.
- Mesh can clip-on in high-risk areas to minimise protection from falling objects.
- Removable mesh allows for versatility to suit all site applications. e.g. curtain wall façade installation, riser and void protection.
- Eliminate the need to use fall restraint systems.



Sliding toeboard functionality:

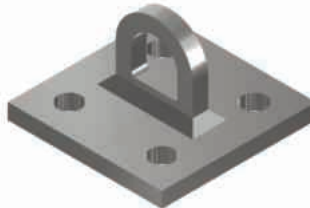
- Allows for external ties e.g. crane ties, screens, alimak ties to be fixed to the structure whilst maintaining compliant edge protection.
- Sliding/overlapping features provide flexibility for toeboard to be slid up against protruding elements (e.g. ties).



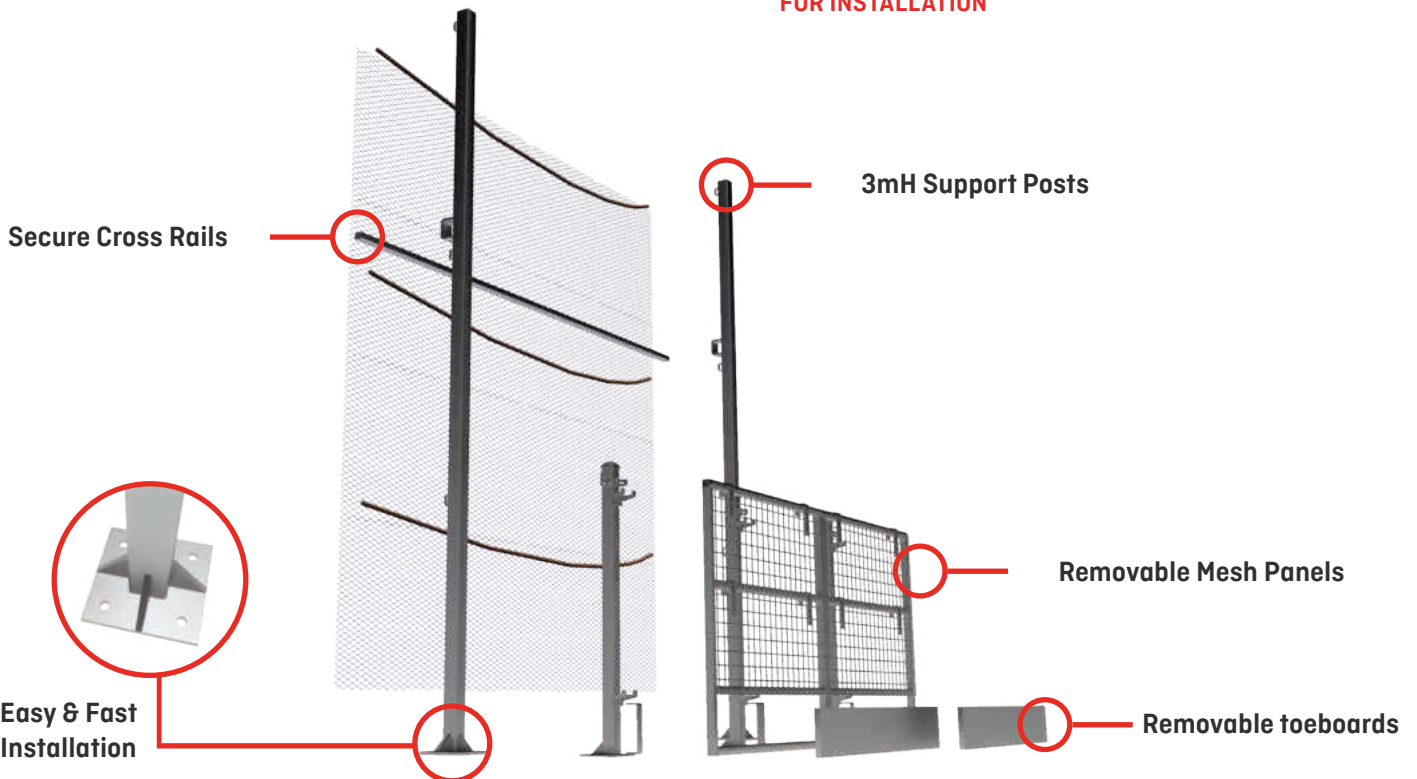
06 Edge Protection

PERFECT FOR
CURTAIN WALL
INSTALLATION

ELIMINATE
HARNESSES &
REDUCE DEBRIS
FALL RISK



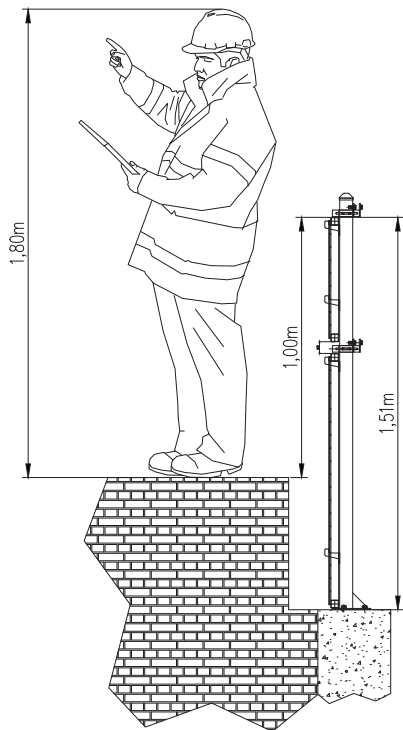
**HARNES ANCHOR BRACKET
FOR INSTALLATION**



06 Edge Protection

ADAPTAPANEL - EDGE PROTECTION

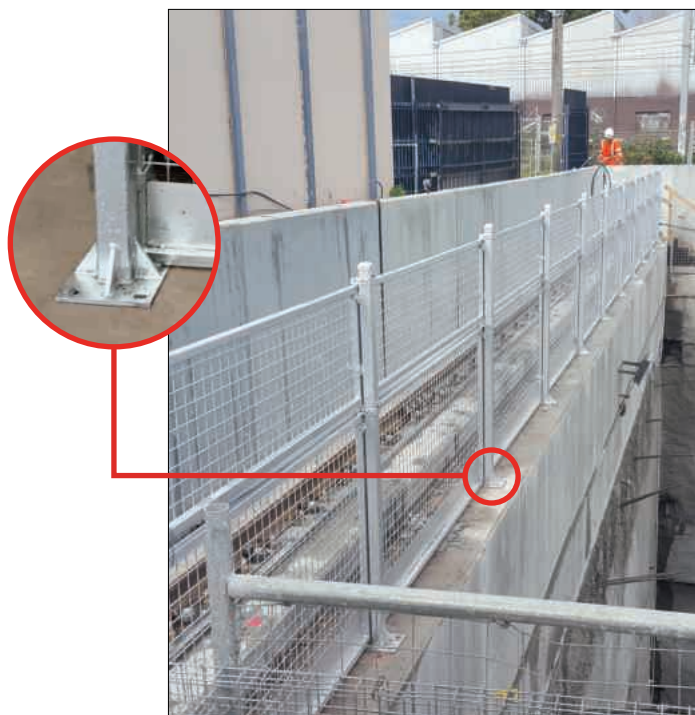
ADAPTAPANEL CONFIGURATION EXAMPLES



ADAPTAPANEL
FACE MOUNT POST



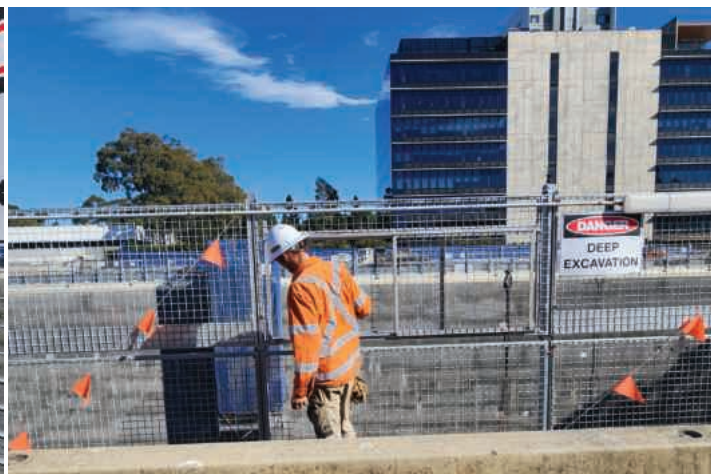
ADAPTAPANEL
SLAB MOUNT POST



06 Edge Protection

ADAPTAPANEL - EDGE PROTECTION

ADAPTAPANEL SLIDING PANELS



ADAPTAPANEL CRANKED POST



ADAPTAPANEL WITH CLT/TIMBER STRUCTURES



06 Edge Protection

GUARDRAIL POSTS

Code	Description
290686	Bolt -Down Guardrail Post, 1.2mH
210879	Multi-Mount Guardrail Post 1.2mH
210878	Multi-Mount Guardrail Post 2.0mH

- Temporary bolt down edge protection for slab edges, walkways and pedestrian delineation.
- Handrail to be secured using scaffold coupler.
- 1.2mH to suit tube and coupler handrail.
- Handrail is scaffold tube or similar - 48.3mm OD.
- Handrail spacing limited to 2m.



BOLT-DOWN GUARDRAIL POST 1.2MH



MULTI-MOUNT GUARDRAIL POST 1.2MH

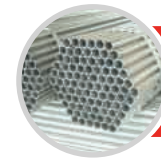


MULTI-MOUNT GUARDRAIL POST 2.0MH



BOLT-DOWN GUARDRAIL POSTS

APPLICATIONS

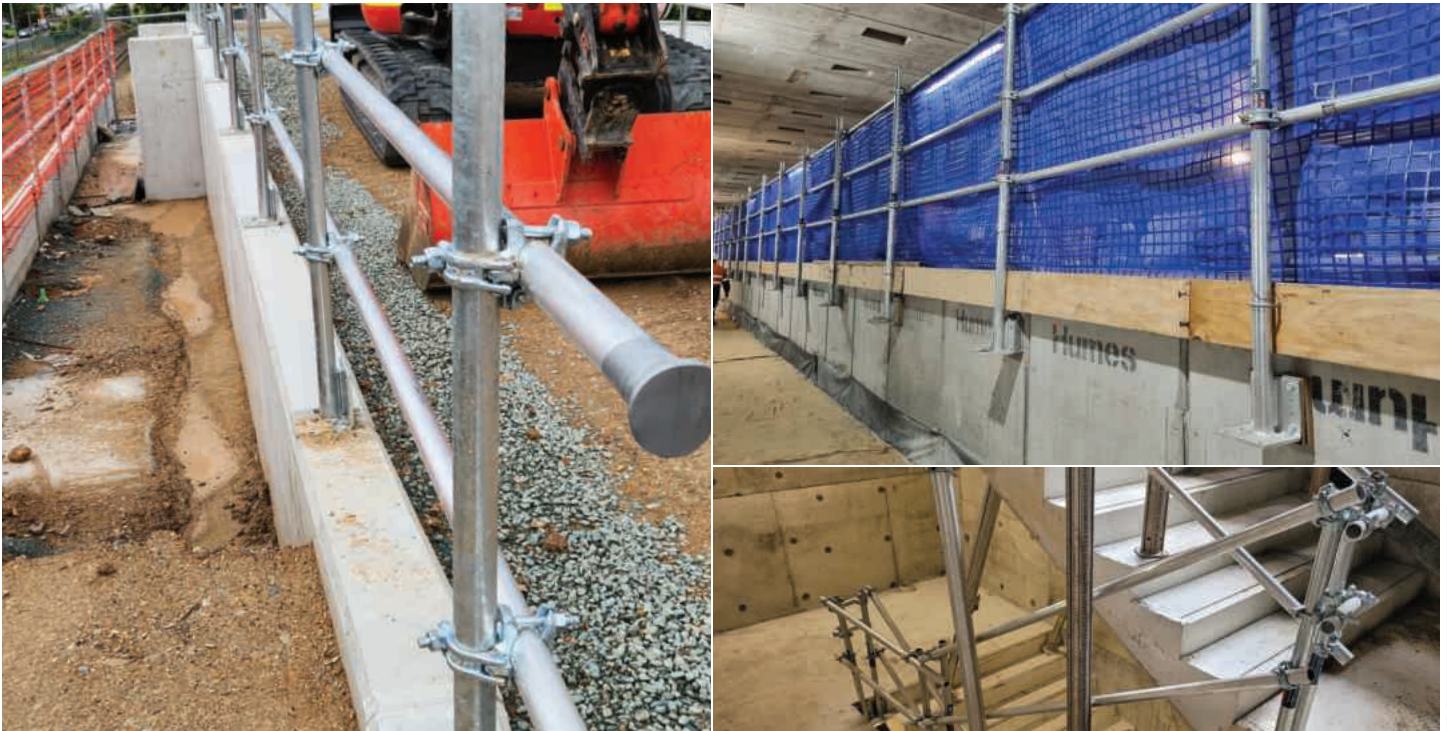


TUBE &
COUPLERS
COMPONENTS
PAGE 176



MULTI-MOUNT GUARDRAIL POSTS

APPLICATIONS



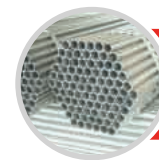
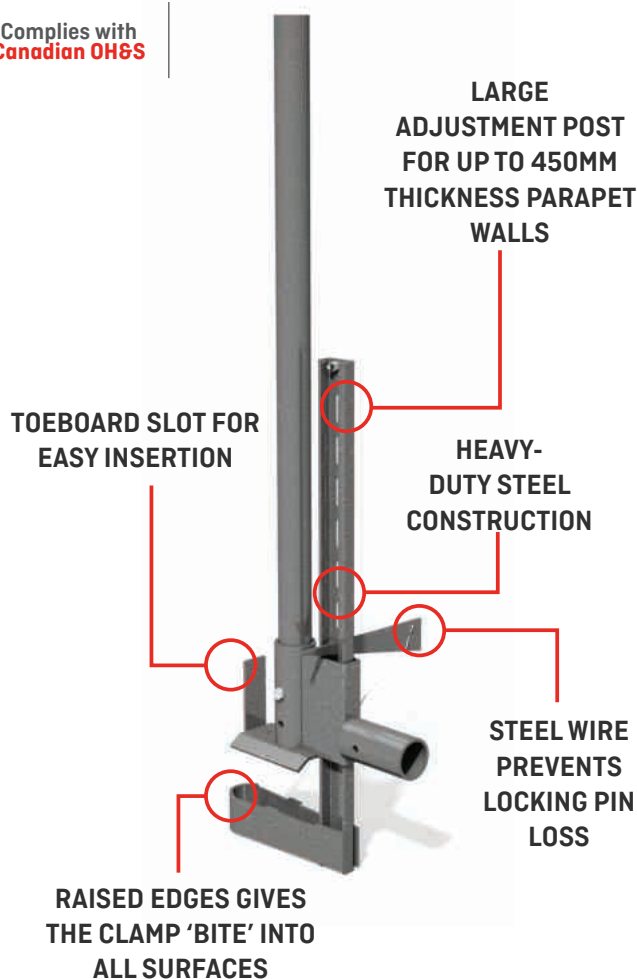
06 Edge Protection

KING KLAMPZ EDGE PROTECTION

Code	Description
210272	Multipurpose King Klampz

- Perfect for rail platform edge protection.
- Negates the need to use fasteners - saves time and money.
- Self-install - no scaffolders or riggers required.
- Can be used on a finished surface - no remedial works required.
- Multipurpose King Klampz operates both horizontally for use on a parapet, and vertically for slab edges.

Complies with
Canadian OH&S



TUBE & COUPLERS COMPONENTS
PAGE 176

"We engaged SafeSmart Access to provide an innovative hand railing system when we were installing L Beams on the Werribee Street Project. One phone call later and we had a solution, the team even sent a demo product to site so we could trial before purchasing. The King Klampz System worked very well."

— Engineer, McConnell Dowell



SCAN CODE TO VIEW VIDEO



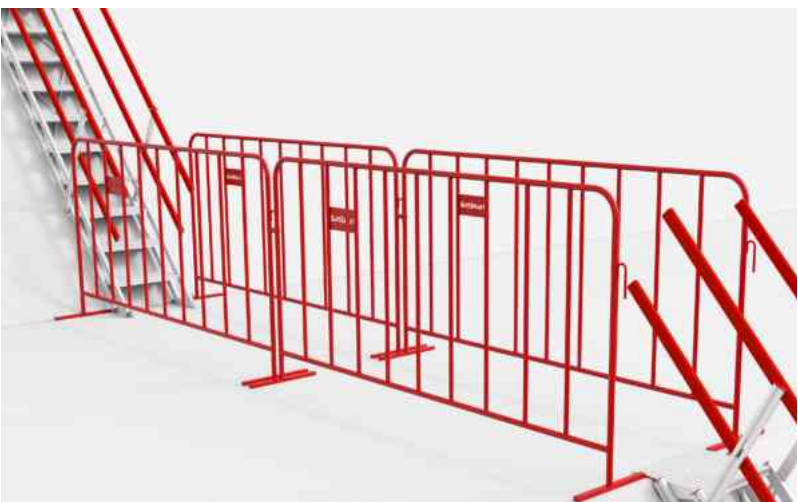
Height Access Solutions
www.safesmartaccess.ca

06 Edge Protection

CROWD CONTROL BARRIER

Code	Description
230150	Crowd Control Barrier - Red Powdercoated 1.1mH x 2.1mW - Includes 2x feet
230152	Crowd Control Barrier Gate - Red Powdercoated 2.1mH x 2.1mW - Includes 2x feet

- Galvanised steel finish with powder-coated red finish to delineate areas on site that can be accessed and prevents any unauthorized access.
- Applications: Footpath delineation, mark site assembly zones, exclusion zones and marshalling areas.
- Measurements: 1000mmH x 2293mmL.
- Barrier weight: 18.8 kgs.
- Includes an interlocking system enabling multiple barriers to be connected end-to-end.
- Removeable feet allow the barriers to be flat packed for easy storage.
- Quick setup time - easy to setup by a single person.
- Sturdy panel to keep your site safe.



230150 - Crowd Control Barrier



230152 - Crowd Control Barrier Gate





NON-DRILL | ***NON-INVASIVE POST & HANDRAIL SYSTEM***

The NON-DRILL system simply attaches a post to existing lifting anchors within precast or cast-in concrete structure. It can be used as a temporary or permanent system and attaches with ease to 1.3, 2.5, 5, and 10 tonne lifting anchors.

HOW IT WORKS?



STEP 1

Identify whether you have an anchor or ferrule in the concrete slab.
Identify the size & brand of the anchor for correct clutch compatibility.



STEP 2

Slide the NON-DRILL clutch underneath the anchor at an angle ensuring a firm and secure connection, then position the clutch upright.



STEP 3

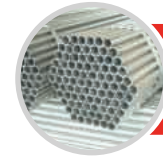
Screw down the NON-DRILL post clockwise onto the clutch and until it's screwed tightly into the concrete slab.

FEATURES & BENEFITS

- Eliminate the need for drilling with the NON-DRILL edge protection and handrail system.
- Connect to lifting anchors on precast structures.
- NON-DRILL works seamlessly with 1.3, 2.5, 5, 10T connections and Edge Lifter / Hairpin anchors.
- Connecting to the anchor eliminates human error and meets industry standards for edge protection.
- With NON-DRILL, you avoid costly labour hire, drilling into concrete, exposing steel and cutting off bolts.

06 Edge Protection

NON-DRILL COMPONENTS



**TUBE &
COUPLERS
COMPONENTS**
PAGE 176

NON-DRILL 1.3T Clutch



Code 210131

NON-DRILL 2.5T Clutch



Code 230122

NON-DRILL 5T Clutch



Code 230123

NON-DRILL 10T Clutch



Code 230124

M16 Clutch



Code 210422

M20 Clutch



Code 210422

Baseplate

Baseplate to be used in conjunction with 10T clutch



Code 230132

1.06mH Post



Code 230121

1.80mH Post



Code 230133

Hairpin Anchor Type 1



Hairpin Anchor Type 1
Suits:
Ancon 8.5t (Purple)
REID 7t Jaws (Orange)
REID 8.5t 3DX (Yellow)

Code 230126

Hairpin Anchor Type 2



Hairpin Anchor Type 2
Suits:
Ancon 4T (RED)

Code 230125

Hairpin Anchor Type 3



Hairpin Anchor Type 3
Suits:
Ancon 15T (GREEN)
REID 10T Jaws (BLUE)

Code 230127

06 Edge Protection

NON-DRILL *TEMPORARY TO PERMANENT*

TYPE 1: LONG TEE, HDG-D48



Code 230160

TYPE 1: SHORT SWIVEL TEE, HDG-D48



Code 230161

TYPE 1: IN-LINE CONNECTOR (MID-RAIL), HDG-D48



Code 230162

TYPE 1: IN-LINE CONNECTOR, ADJUSTABLE 1°-11° (MID-RAIL), HDG-D48



Code 230174

TYPE 1: IN-LINE CONNECTOR, ADJUSTABLE 11° - 29° (MID-RAIL), HDG-D48



Code 230163

TYPE 1: IN-LINE CONNECTOR, ADJUSTABLE 30° - 37° (MID-RAIL), HDG-D48



Code 230164

TYPE 1: IN-LINE CONNECTOR, ADJUSTABLE 38° - 45° (MID-RAIL), HDG-D48



Code 230165

CLOSURE BEND HORIZONTAL, HDG-D48



CONTACT US FOR CUSTOM CLOSURE BENDS!

Code 230166

1/4" POWER DRIVE BIT

Power bit required for Type 1 In-line connectors



Code 230169

STRAIGHT JOINER GALVANISED 40NB



Code 230170

STEEL HANDRAIL TUBE 48.3mm x 3.2mm x 6.5mL



Code 230175

VARIABLE IN-LINE ELBOW 0° - 90°



Code 290811

TYPE 2: OFFSET CROSSOVER



Code 230172

TYPE 2: ADJUSTABLE KNUCKLES



Code 230173

TYPE 2: TWO-WAY ELBOW



Code 230176

TYPE 2: THREE-WAY ELBOW



Code 230177



NON-DRILL *TEMPORARY*



NON-DRILL *PERMANENT*



06 Edge Protection

NON-DRILL APPLICATIONS

RSS PANELS

- Temporary handrails and Mesh panels.
- Both are installed as the wall is built and backfill is 1m from top of wall.



GAWK SCREENS

- Posts can be off set at 22-degree angle to limit conflicting with on-coming traffic.
- Can be attached with Custom printed acoustic panelling.



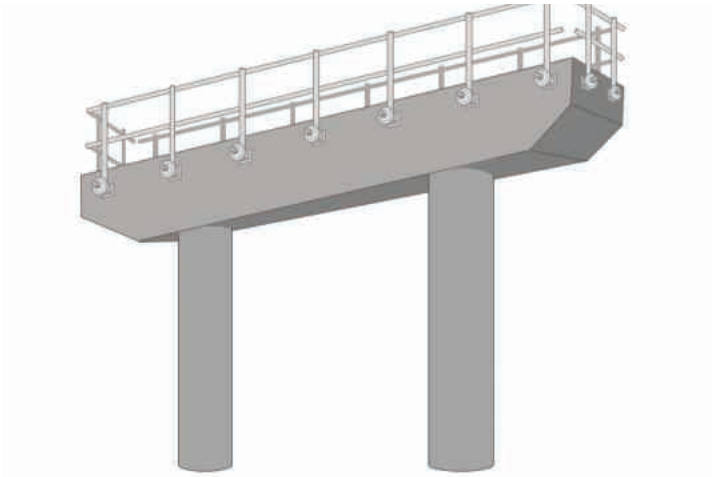
SUPER T BRIDGE GIRDERS

- Anchors incorporated into design for storage, transporting and when installing.
- Suitable anchors for the flanges ranging from 70mm to 100mm – 2.5 tonne cone anchors 55mm long or Shortfoot 20mm ferrule 45mm long, both min 200mm from the edge.
- Anchor design can be provided.



BRIDGE SEGMENTS

- Incorporating anchors into design or drop-in anchors for existing concrete.
- See segment design for West Gate Tunnel Project below. There were over 40,000 anchors incorporated into design. Segment highlighted in yellow showcases where NON-DRILL was transferred to existing anchors on bridge parapets.



06 Edge Protection

NON-DRILL APPLICATIONS

1.8mH NON-DRILL

- Provides edge protection up to 1.8mH.
- Proprietary system.
- 48.3mm diameter tube (suitable with standard scaffold componentry).

Complies with
Canadian OH&S



CONTAINER EDGE PROTECTION

- To suit 20ft or 40ft containers.
- Special claw attachment that works with container locking slots.
- AdjustaStairs and Proscaf landings to provide access to containers.



SIDE CONNECTION POST

Code	Description
230136	NON-DRILL Side Connector (35mm from concrete)
230137	NON-DRILL Side Connector (60mm from concrete)
230138	NON-DRILL Side Connector (120mm from concrete)

- Utilises cast-in cone anchor/ ferrule for attachment.
- Broad range of post heights available.
- Minimum edge distance 120mm.



06 Edge Protection

NON-DRILL APPLICATIONS

SHEAR STUD EDGE PROTECTION

- The Shear Stud base connector is 250mm high to suit 3 shear stud heights of 150mm, 175mm and 225mm allowing you to reuse them for bridges with varying stud sizes.
- Utilise the 5t claw anchor to attach to shear studs.
- Maximum post spacing of 2.4m to 1.3m high handrail.



STEEL STIRRUP CONNECTION

- Use NON-DRILL hairpin anchor to attach to a rebar/stirrup.
- Requires stirrup mounting bracket. Hairpin anchor to feed through stirrup mounting bracket for NON-DRILL post to wind-down on the mounting bracket for sturdy connection.
- Ideal solution for super T/girders for bridge edge protection applications.



06 Edge Protection

SHEET PILE EDGE PROTECTION POST

Code	Description
210906	Sheet Pile Edge Edge Protection Guardrail 1mH Post - Painted

- Quick, drill-free installation with two compression bolts.
- Adaptable to a broad range of sheet pile thicknesses.
- Enhances site safety without damaging sheetpiles.
- Maximum post spacing of 2.0m.
- Proprietary system with quick installation and disassembly.

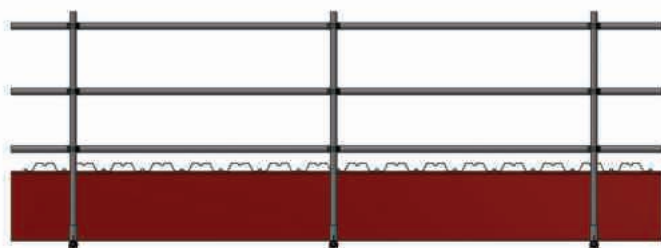
Complies with
Canadian OH&S



I-KLAMP EDGE PROTECTION

Code	Description
210909	I-Klamp 1.5mL Post
210910	I-Klamp I-Beam Edge Protection Clamp

- Non-intrusive & effortless installation method.
- Adjustable bracket - attaches to various steel I-beams section sizes.
- I-Beam clamp is adjustable to suit 180 UB 18 - 610 101 beams.
- Used in conjunction with tube and coupler handrails for a robust edge protection system.
- Includes socket to bolt in steel CHS handrail posts.



06 Edge Protection

CLIP-ON TRUCK EDGE PROTECTION PANEL

Code	Description
210877	Truck Edge Protection Guardrail 1000mmH x 2500mmL

- Measurements 1000mmH x 2500mmL.
- 180-degree rotatable lock allows for fitment on various truck edge designs.
- Rotating block caters for different truck edge setback dimensions.
- Locking handle enables ease of tightening.
- Clamp lock ensures firm and secure placement.
- Lightweight design - 15kgs.



SEE PAGE 30
FOR FREE STANDING
PANELS



06 Edge Protection



06 Edge Protection

EASYRAIL ROOF EDGE PROTECTION



FASTEST EDGE PROTECTION SYSTEM TO INSTALL

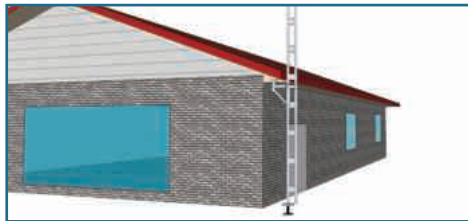
- EasyRail roof edge protection is available in five standard post heights. 1m, 2m, 3m, 4m & 6m.
- For heights above 4m. Simply attach two posts together using the EasyRail joining spigot.
- For installation, the cantilever bracket simply slides up the posts and is tightened under the eaves.
- Using couplers and aluminum tube, base, mid and top rails can be installed in seconds.
- EasyRail is the ultimate safe solution for any low-level roof edge protection application you may have.

SET UP GUIDE AND QUICK INSTALLATION TIPS



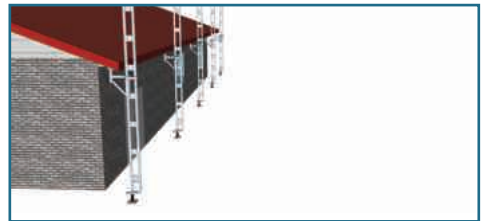
STEP 1

MEASURE THE HEIGHT TO THE UNDERSIDE OF EAVES AND PLACE THE CANTILEVER BRACKET AT CORRECT HEIGHT ON THE EASYRAIL POST.



STEP 2

PLACE BASE OF POST OVER A SCREW JACK AND LEAN AGAINST THE ROOF EDGE OF THE BUILDING. REPEAT AND SPACE NO MORE THAN 4m TO DESIRED LENGTH.



STEP 3

ADJUST THE SCREW JACK UNTIL THE CANTILEVER BRACKET IS HELD FIRM UNDER THE EAVES. ENSURE THE POST IS VERTICAL AND THE CANTILEVER BRACKET IS UNDER A SOLID MEMBER. IF REQUIRED, FIX BRACKET TO UNDERSIDE OF EAVES.



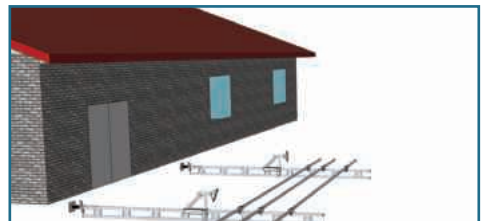
STEP 4

USING A LADDER, PLACE RAIL COUPLER AT A POINT 200mm ABOVE THE ROOF LINE. FIX 2 MORE COUPLERS AT 500mm AND 1000mm ABOVE THIS SAME POINT. ENSURE THE COUPLER "TONGUES" ARE POSITIONED FACING UPWARDS TO HOLD HANDRAIL.



STEP 5

USING A LADDER, PLACE THE ALUMINUM TUBE RAILS IN POSITION, THEN TIGHTEN EACH COUPLER.



QUICK INSTALL TIP:

IF 2 PEOPLE ARE AVAILABLE THEN THE HORIZONTAL RAILS CAN BE FITTED TO THE POSTS WHILE ON THE GROUND. LIFT THE COMPLETE ASSEMBLY INTO PLACE AND TIGHTEN SCREW JACKS UNDER THE EAVES.



06 Edge Protection

EASYRAIL ROOF EDGE PROTECTION

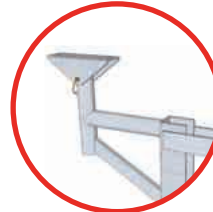
Code	Description
210227	1.0m EasyRail Post
210228	2.0m EasyRail Post
210229	3.0m EasyRail Post
210230	4.0m EasyRail Post
210239	6.0m EasyRail Post
210231	EasyRail Cantilever Bracket
230233	EasyRail Screw Jack
210232	Scaffold Swivel Coupler
210237	Fixed Double Coupler
290703	6.05mL Scaffold Tube
HS046	Internal Joiner

Complies with
Canadian OH&S

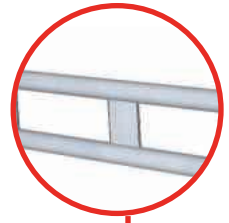
SWIVEL COUPLER



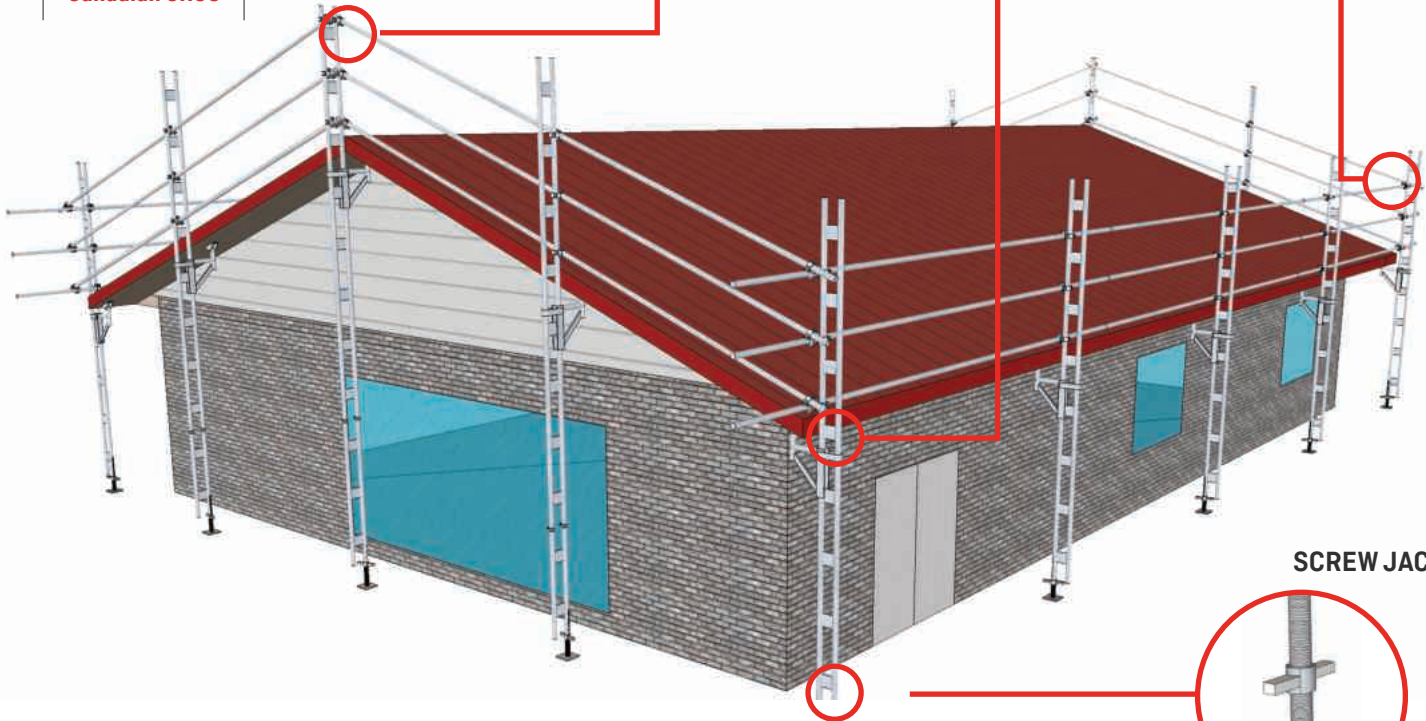
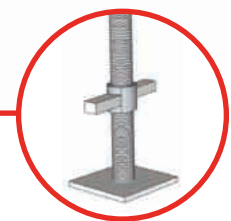
CANTILEVER BRACKET



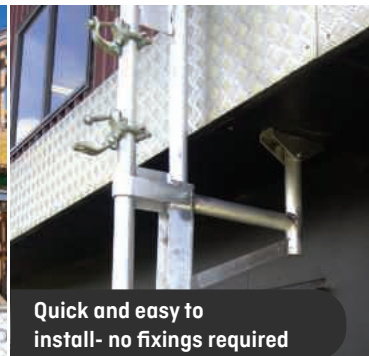
EASYRAIL POST



SCREW JACK



Ideal for low level roofing applications



Quick and easy to
install- no fixings required



SCAN CODE
TO VIEW
VIDEO

06 Edge Protection

EASYDECK EDGE PROTECTION

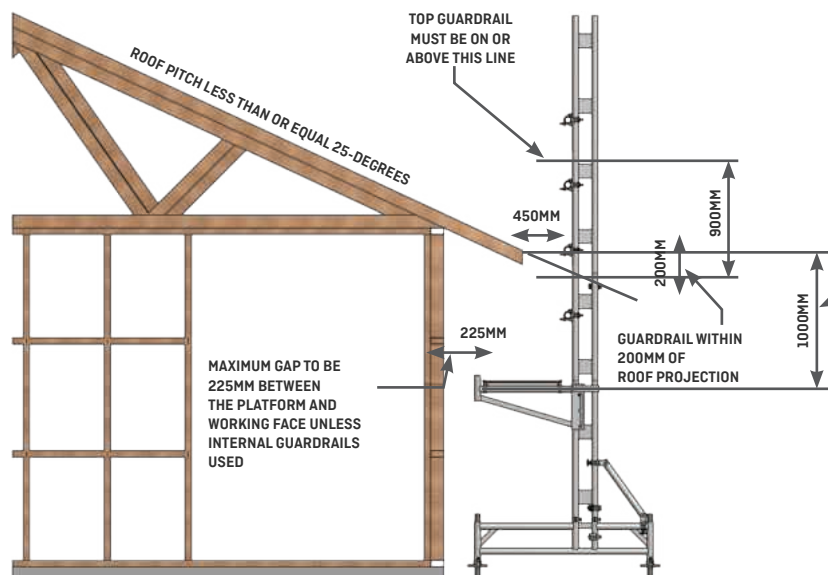


EASYDECK EDGE PROTECTION

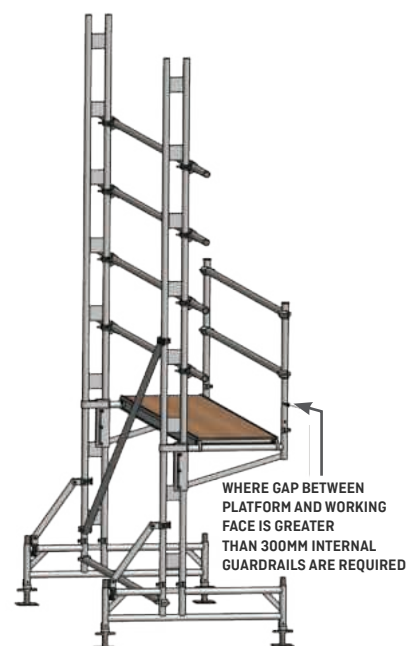
- Protect from roof falls while working on the soffit and wall of the building.
- Free-standing system - does not require any fixing in.
- Fast, two person set up.
- Unique combination of the EasyRail edge protection system, SafeSmart Access prefabricated platforms and cantilever support brackets.
- Height adjustable screw jacks allow for uneven ground.
- Platform height is adjustable along the length of the EasyRail post.
- Can also be put on wheels and utilised in modules, provide access edge protection when working on structures such as portable buildings.



SCAN CODE
TO VIEW
VIDEO



THE DECK TO
BE 1.0M
MAXIMUM
BELOW THE
ROOF EDGE



06 Edge Protection

EASYDECK ACCESSORIES

PLATFORM SUPPORT BRACKET

Attaches to the roof post and supports the work platform.



Code

210422

EASYRAIL 4.0M ROOF POST

Strong and lightweight. Can be joined vertically.



Code

210230

SCREW JACKS



Code

230233

OUTRIGGERS

Connect to roof posts and provide extra stability to the system. Must be used every 3 bays minimum.



Code

HS035

Aluminum EASYRAIL TUBE

Can be cut to specific lengths. Used for toerail, midrail and handrails. Up to 6m span between posts.



Code

290703

90° FIXED COUPLER

Used for attaching horizontal rails to the posts.



Code

210237

SWIVEL COUPLER

Used for attaching guardrails to the posts that are not 90-degrees to it. E.g. gable ends.



Code

210232

BASE FRAME

Supports the roof post using two internal joining spigots.



Code

210420

INTERNAL JOINING SPIGOT

Used for joining tubes together end-to-end by expanding inside them.



Code

HS046

3.0M STANDARD PLATFORM

Hook over the platform support bracket.



Code

HS013

3.0M SNAPLOCK GUARDRAIL

Used to connect the base frames together longitudinally. Can also be used as a guardrail.



Code

HS037

3.0M DIAGONAL BRACE

Must be used every 4 bays minimum.



Code

210423

REINFORCED GRASPER LEDGER (2 sizes)

Used to span across corners.



Code

210081 & 210082

PROSCAF SWING GATE

Used where the ladder access is outside the platform.



Code

210078

3.0M HATCH PLATFORM

Ladder protrudes through the hatch lid for use when the ladder access is within the platform.



Code

HS036

HANDRAIL POST

Attaches to the inner sleeve on the platform support bracket where the platform edge is greater than 225mm away from the wall.



Code

210079



INDUSTRY STORY

Assets Cabins & Homes - EasyDeck

THE CHALLENGE

Modular construction has been gaining in popularity in recent years, and there's a good reason why. This type of construction is efficient, fast, and economical, benefiting both the home builder and the homeowner. For Asset Cabins & Homes, modular construction has been their bread and butter for 17 years. Their busy factory and team of professional carpenters, plumbers and electricians construct hundreds of homes, cabins, and accommodation dwellings each and every year.

With a tight turnaround, the team needed to quickly and efficiently set up height access structures that were safe to meet project and delivery deadlines. Karl Joyce, Production Manager at Asset Cabins & Homes, reached out to SafeSmart Access for a consultation and solution options.

"We had a unique problem to address in that we needed an edge protection system for our modular housing factory that was fast to set up, compliant, did not use a lot of space and was fast to uninstall. The existing system we had typically took 2 men a good 4 hours to install and another 4 hours to dismantle, which was more time that it takes to put the roof itself on! The result, wasted time, it often didn't get set up at all and was generally just a massive inconvenience – safety wasn't supposed to be hard! We explored various options and settled on the EasyDeck System from SafeSmart. The Team at SafeSmart were very helpful in helping guide us through various options and configurations and the time and investment has proven well worth it."

THE SOLUTION

EasyDeck is SafeSmart's single-level edge protection solution perfect for minor construction works, including painting, cladding, and fixing. Where other solutions like trestles and planks are high-risk and dangerous without guard rails or stable footing, EasyDeck is a modular, low-profile system that is quick and easy to set up.

THE RESULT

EasyDeck transformed how the Asset Cabins & Homes team approached height access. Karl Joyce remarked, "It now takes us 15 minutes to set a whole house up for roofing and 15 minutes to remove it at the end, saving us dollars and ensuring compliance.

Furthermore, the roofers love it as they have platforms they can now work off and our carpenters have stolen a few modules and lowered the decks to help them with their cladding! Bottom line is, we saved time, money, increased our compliance on edge protection to 100% and got some unintended advantages from the EasyDeck system!



06 Edge Protection

PORTABLE BUILDING EDGE PROTECTION

- Uses components of EasyRail & modular base sections.
- Creates a safe and easy system that can be easily wheeled over or built around a building to create a fully enclosed safe work area.
- Height adjustable to suit different buildings - width and length adjustment is also available.
- Cross braced truss handrails used for increased rigidity.

Complies with
Canadian OH&S





**NON-DRILL
SEE PAGE 104**

INDUSTRY STORY

Reduce Silica Dust Exposure - NON-DRILL Post & Handrail System

THE CHALLENGE

Silica is a prevalent mineral, scientifically termed silicon dioxide. This mineral can be found in two distinct forms: crystalline and amorphous. The crystalline variant is recognised as quartz, a primary component in materials like sand, stone, concrete, and mortar.

In the year 2021, a concerning report from WorkSafe Australia revealed that 73 claims were accepted from workers who had contracted diseases linked to silica exposure in their workplace. Tragically, this exposure resulted in the loss of five lives. Furthermore, data sourced from Artibus suggests that an alarming estimate of 230 Australians annually are diagnosed with lung cancer, a consequence of past silica exposure. This underscores the pressing need for effective measures to mitigate silica-related hazards in the workplace.

Safe To Work highlights that the Queensland Government has rolled out new safety measures, particularly focusing on silica dust. This dust can lead to silicosis, a severe lung disease. The introduced code sets firm standards to lessen the risk associated with this dust.

THE SOLUTION

The primary advantage of the Non-Drill system is evident in its name, by connecting to lifting anchors on precast structures, including hairpin anchors. In turn, this installation method eliminates the need for drilling into materials like concrete, the system ensures that silica contamination released into the air is eliminated. This directly reduces the risk of workers inhaling harmful silica particles.

The Non-Drill system is fully compliant with all OH&S regulations. This means that you don't have to compromise on safety or compliance while also greatly reducing further risks of silica exposure. Several innovative drilling solutions have been devised and implemented, but these have all aimed to reduce exposure. The Non-Drill Post & Handrail system completely eliminates any exposure to silica by eliminating the need for drilling entirely.

THE RESULT

The Non-Drill Post & Handrail System presents a **groundbreaking solution in the fight against silica exposure in the construction and related industries**. By eliminating the need for drilling, the Non-Drill Post & Handrail system not only **prevents the risk of exposure to silica dust** but offers other key advantages such as **cost savings, increased worker efficiency and streamlined operations**.





Ladders

Mobile Scaffolding

Work Platforms

Stairs

Ramps & Walkways

Edge Protection

Custom Solutions

Proscaf

Accessories

Aviation Access



SECTION 07

CUSTOM ACCESS PROJECTS

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07 Custom Solutions

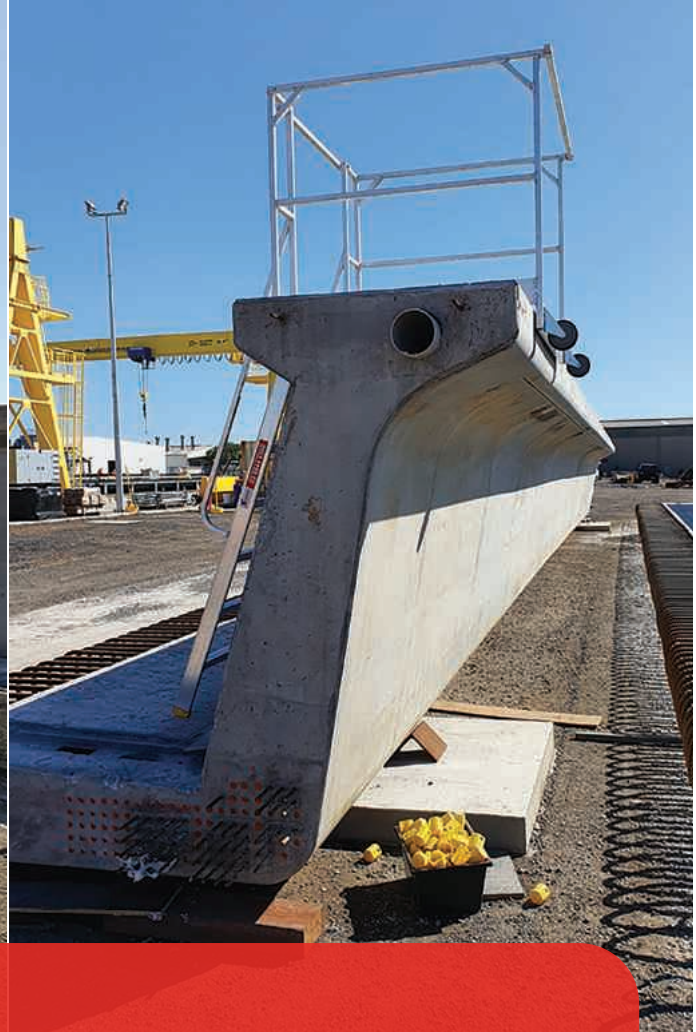
CRANEABLE SITE ACCESS STAIRS

- Constructed from high tensile, marine grade aluminum.
- Available with bridging sections for access across obstacles.
- Set up a stairway in-situ in seconds.
- Can be craned from location to location.
- Engineered to cope with high pedestrian traffic.



SEE ALSO
CRANEABLE
PROSCAF
TOWERS
PAGE 158





INDUSTRY STORY

Holcim / Humes Precast Facility - Custom L-Beam Rigging Platform

THE CHALLENGE

Humes is Australia's leading provider of engineered concrete solutions for the civil construction industry. They pride themselves on delivering customised solutions to maximise installation, performance, and budgetary outcomes for their clients. Humes is a division of Holcim Australia – a leading supplier of aggregates, concrete (readymix) and concrete pipe and products.

At the Holcim/Humes precast facility the challenge was that the L-beams are cumbersome to access safely, particularly for the lifting points on the narrow top ledge. A platform would be needed to be lightweight, plus able to facilitate lifting equipment.

THE SOLUTION

Due to success with other projects, the client contacted custom height access supplier SafeSmart Access for an answer.

Together with Holcim/Humes, SafeSmart Access designed a custom lightweight ladder with a full surround guardrail. The open bottom means that the rigger can step out onto the concrete precast and attach the lifting gear. Wheels on the leading edge make it simple to roll across the top edge and engage over the lip, providing a very solid yet lightweight platform.

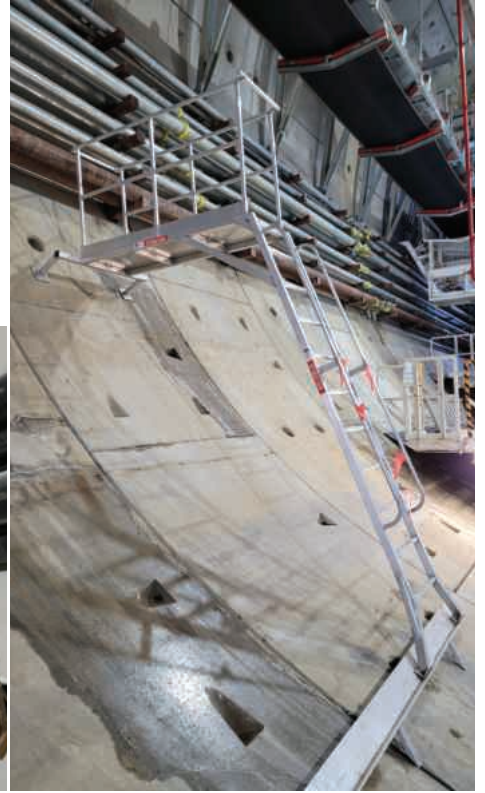
THE RESULT

The custom-made ladder provided a very simple & safe method of access to ensure minimised - zero harm.

TUNNEL ACCESS LADDERS AND WALKWAYS

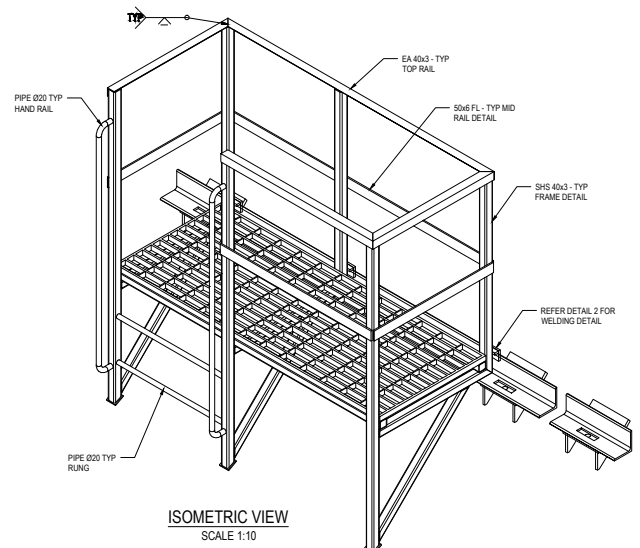
TUNNEL ACCESS LADDERS

- For access and installation of services in road and rail tunnels.
- Able to be quickly relocated by a single technician between work areas.
- No set up time - simply place in position and it's ready for use.
- Designed with locating pins to lock in position in ferrules in tunnel segments, or hooks to locate over service pipes in tunnel.



TUNNEL HOP-UP PLATFORMS

- Aluminum or Steel Hop-Up Platforms Designed and fabricated to suit specific project requirements.
- Sizes are fully customisable to suit client requirements.
- Engineered in sections for quick installation and ease of movement - following the TBM.



CANTILEVERED TUNNEL ACCESS PLATFORMS

- Workers installing electrical brackets & cabling in road tunnels faced challenges in accessing over concrete barriers to reach the installation point.
- These long access platforms, with a large cantilevered section on the tunnel wall side, allowed them to get up close to the work area & also use the space on the platform to store tools & equipment.
- The platforms are designed to be quickly moved up the tunnel by a single person.
- Much more efficient and safer than utilising EWP's for access.



07 Custom Solutions

SITE MAINTENANCE

EXTENDED CANTILEVER PLATFORM

- 1000mm clear overhang to allow for easy, safe access to the work area.
- Wind down jacks at the rear of the platform for final positioning.

225KG

WLL



REEFER STAND SERVICING PLATFORM

- Large, safe work area for two men and tools.
- Stair access for ease of carrying materials.

500KG

WLL



MINING SOLUTIONS

SAFESMART - THE ACCESS PROFESSIONALS

SEE OUR GALLERY OF ACCESS SOLUTIONS FOR THE **MINING** INDUSTRY.

NewmontTM



Nutrien

BHP

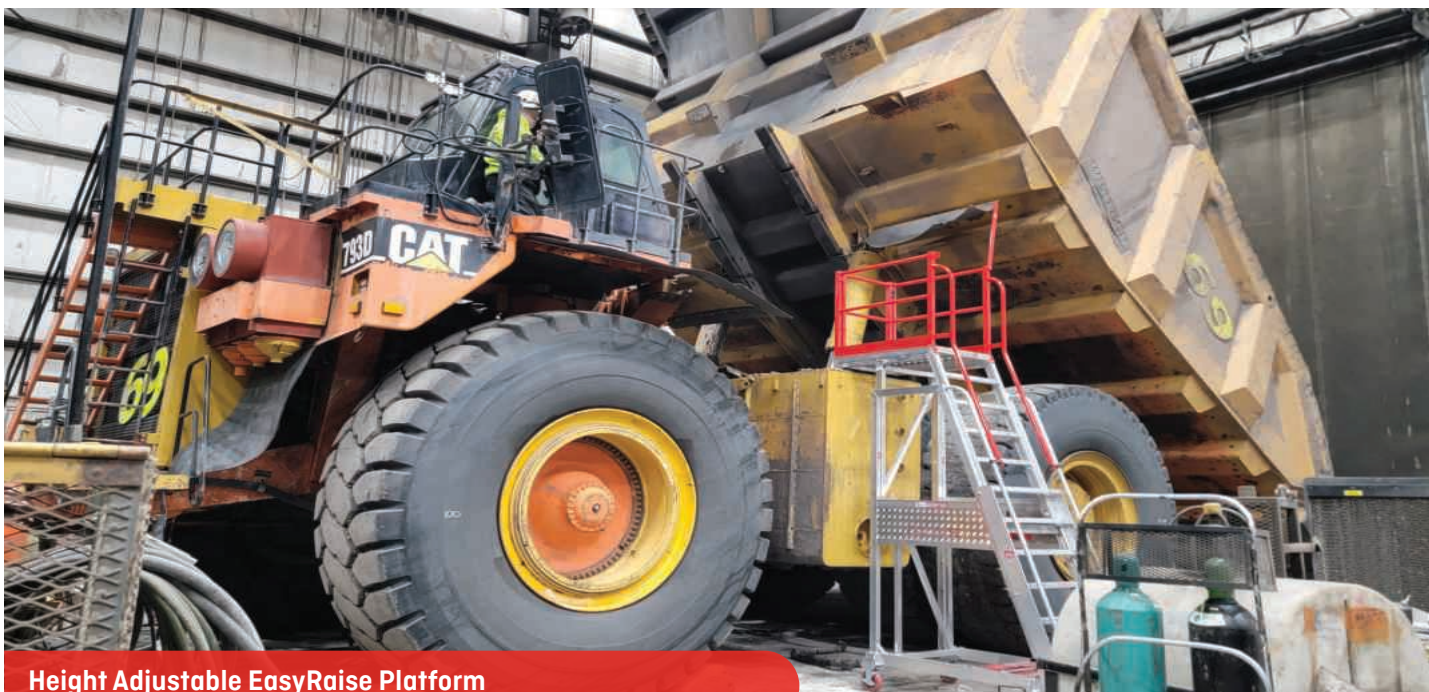


Canadian Natural



MINÉRAI DE FER QUÉBEC
QUEBEC IRON ORE

RioTinto

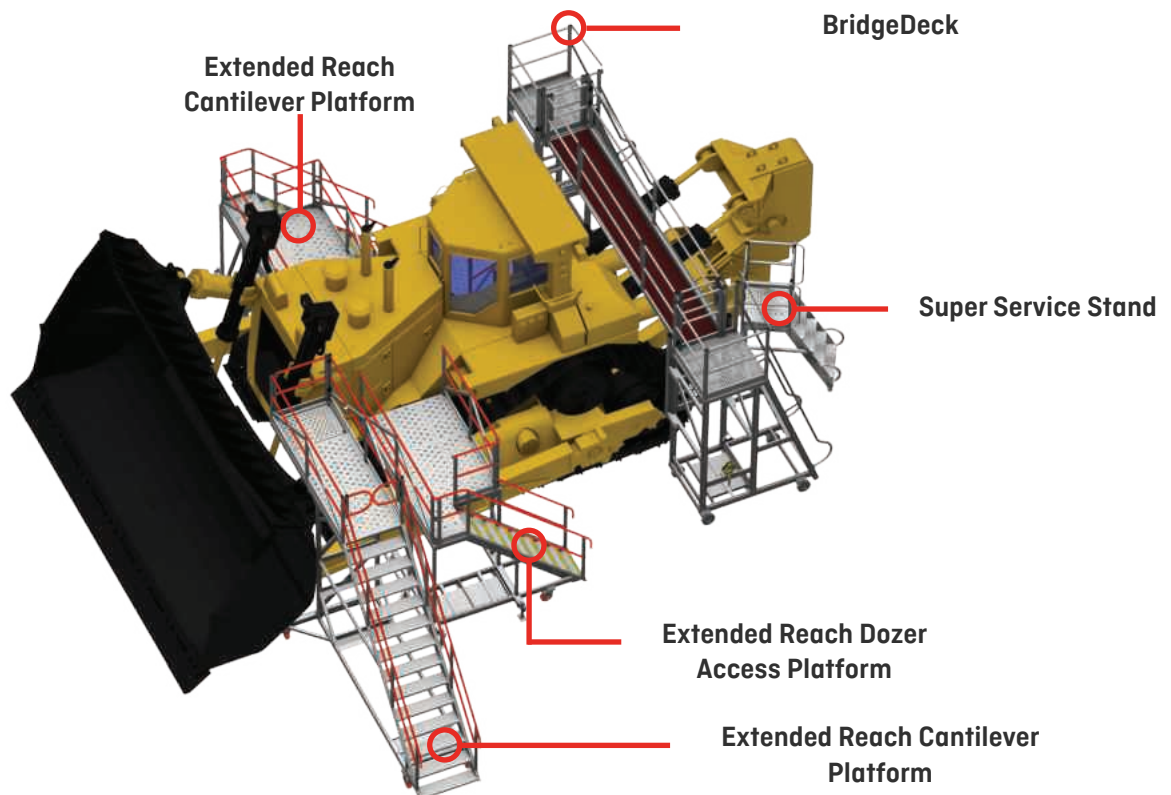


Height Adjustable EasyRaise Platform

HAUL TRUCK ACCESS

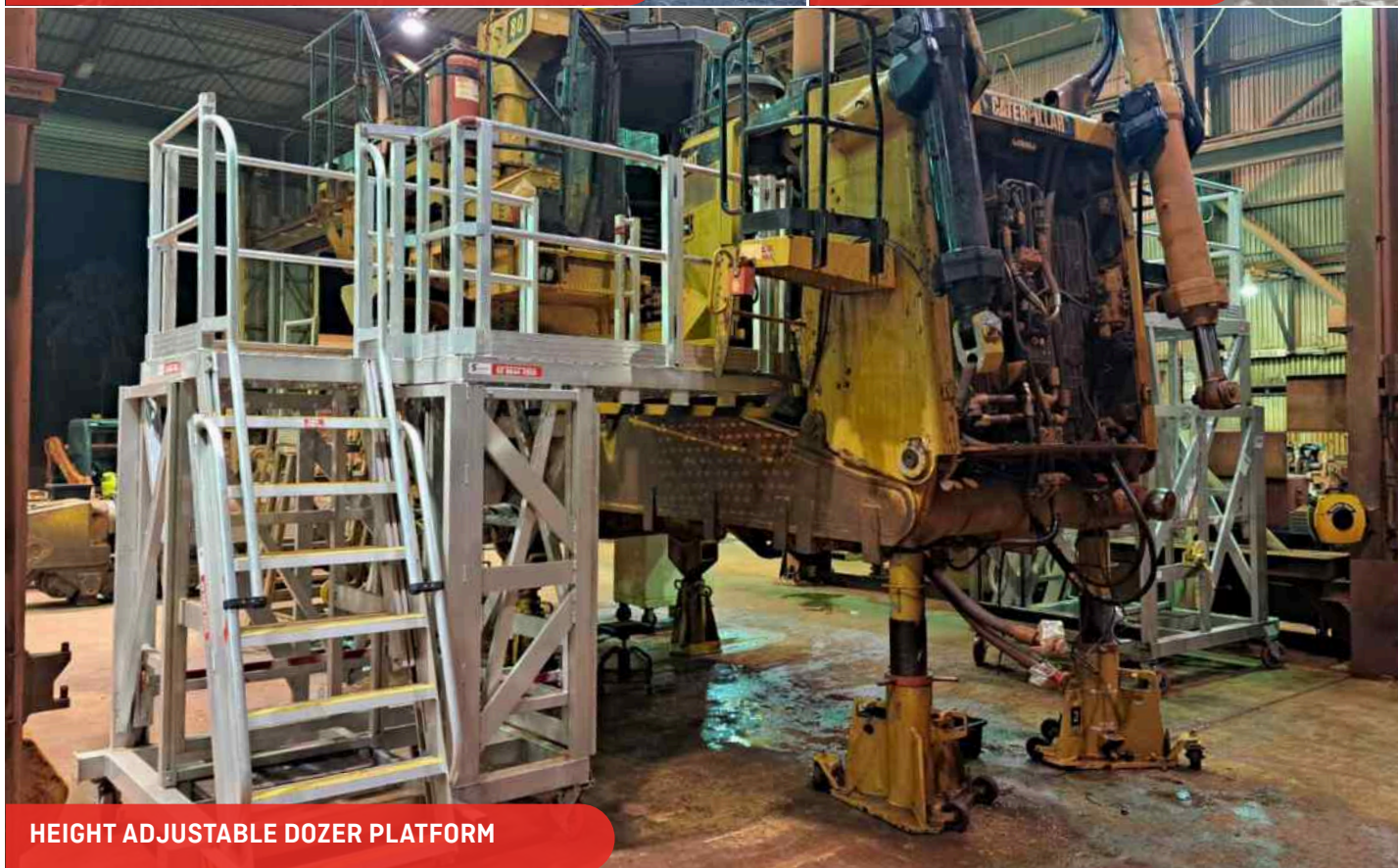
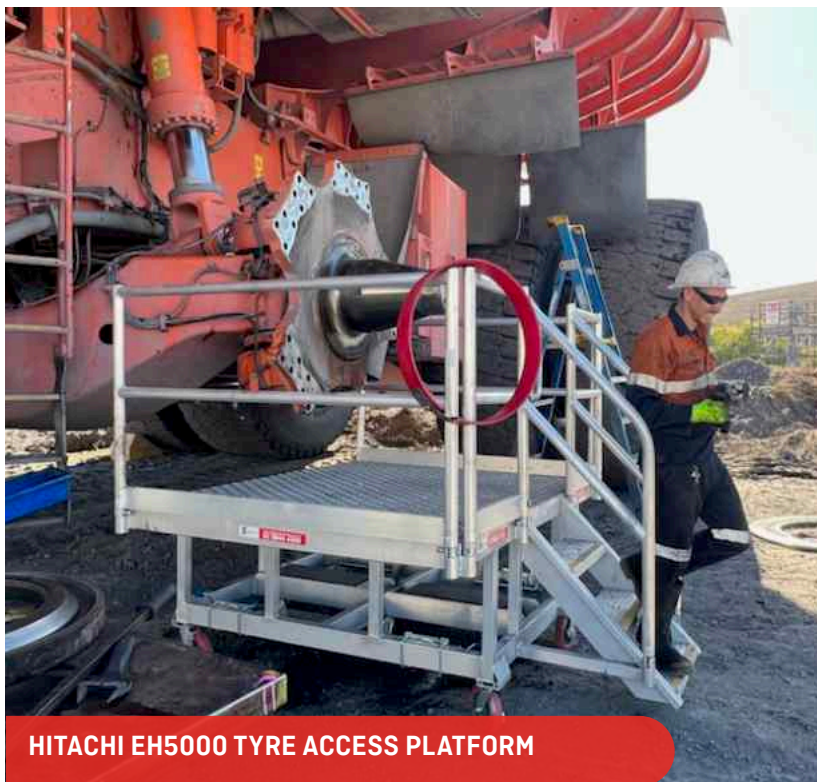


DOZER ACCESS



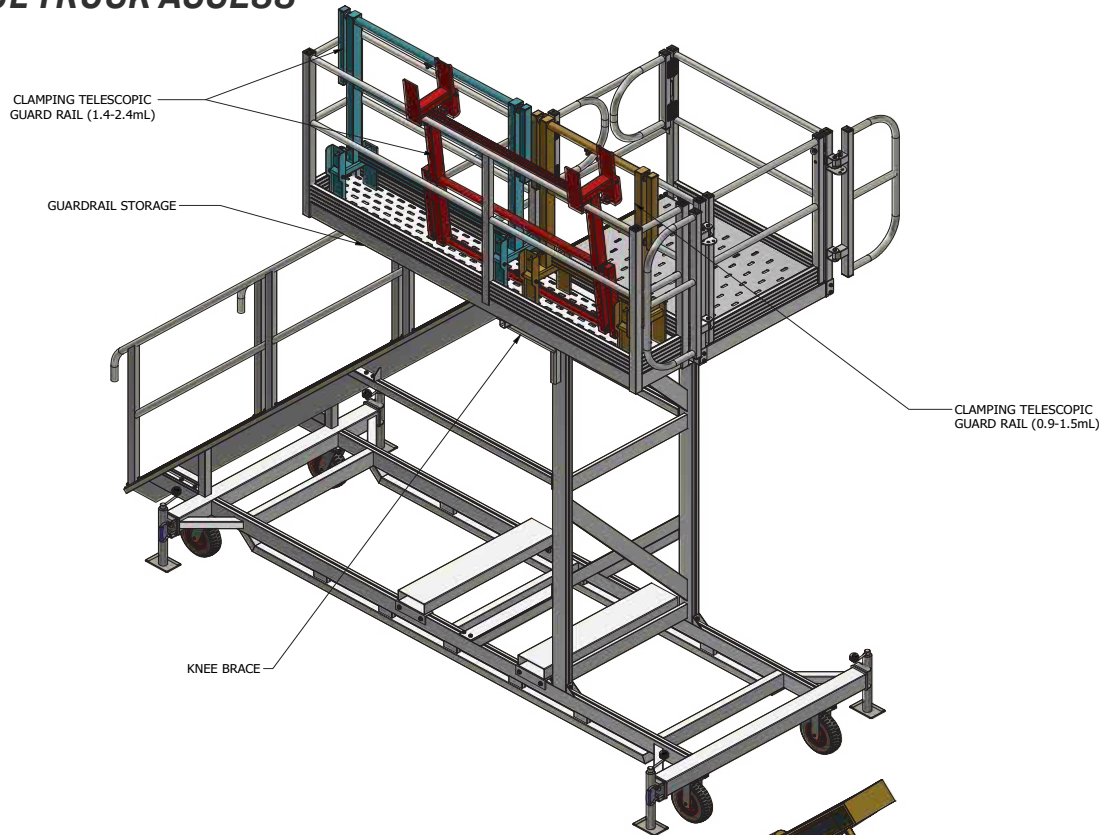
07 Custom Solutions

MINING SOLUTIONS



MINING SOLUTIONS

HAUL TRUCK ACCESS



MINING SOLUTIONS

TRAY ACCESS PLATFORM

Height adjustable to suit any tray height

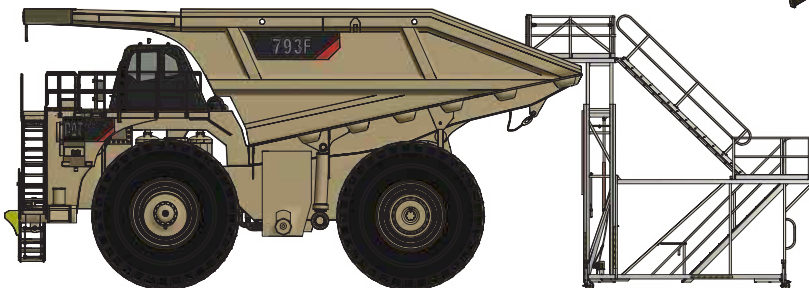
Hydraulic pump or manual winch, height adjustable options available

Compatible with CAT, Komatsu, Liebherr and Hitachi trucks

Telescopic fold out edge-protection wings to fit within a variety of tray widths

45° degree stair access

225KG
Weight Rating



07 Custom Solutions

MINING SOLUTIONS

HAUL TRUCK ACCESS

CAT HAUL TRUCK

FRONT BUMPER
ACCESS

CHASSIS ACCESS
PLATFORM

TIRE FITTERS
PLATFORM

HYDRAULIC
BOX/FUEL
TANK ACCESS



07 Custom Solutions

MINING SOLUTIONS

ADJUSTABLE CHASSIS RAIL EDGE PROTECTION

Code	Description
210881	Haul Truck Chassis Guardrail Frame – Telescopic. Adjusts in length from 900mmL – 1500mmL*
210880	Haul Truck Chassis Guardrail Frame – Telescopic. Adjusts in length from 1400mmL – 2400mmL*
210883	Haul Truck Chassis Guardrail Frame – Telescopic. Adjusts in length from 2000mmL – 3000mmL*
210882	Haul Truck Chassis Guardrail Frame – Telescopic. Adjusts in length from 2400mmL – 3400mmL*
210885	Haul Truck Chassis Guardrail Frame – Telescopic. Adjusts in length from 900mmL – 1500mmL**
210884	Haul Truck Chassis Guardrail Frame – Telescopic. Adjusts in length from 1400mmL – 2400mmL**
210887	Haul Truck Chassis Guardrail Frame – Telescopic. Adjusts in length from 2000mmL – 3000mmL**
210886	Haul Truck Chassis Guardrail Frame – Telescopic. Adjusts in length from 2400mmL – 3400mmL**

* Suits Chassis widths between 190mm - 235mm, ** Suits Chassis widths between 290mm - 326mm

- Compatible with any haul truck and can be fitted on a square or rolled chassis.
- Adjustable from 0.9mL to 3.4mL giving it the flexibility to fit any workspace.
- The clamping system provides a positive lock onto the chassis frame, rather than merely slipping over the chassis as other systems do.
- Eliminates the need for a separate chassis rail kit for each truck.
- Easily and quickly adjusted using hand tightening couplers.

**Complies with
Canadian OH&S**



OIL/GAS & ENERGY SOLUTIONS

SAFESMART - THE ACCESS PROFESSIONALS

SEE OUR GALLERY OF ACCESS SOLUTIONS FOR THE **OIL & ENERGY** INDUSTRIES.



REQUEST
A COPY OF
OUR OIL & ENERGY
BROCHURE
TODAY



07 Custom Solutions

S | SAFESMART SIGNATURE SERIES

SUPER MAINTENANCE PLATFORM



07 Custom Solutions

OIL/GAS & ENERGY SOLUTIONS



OIL/GAS & ENERGY SOLUTIONS



Ladders
Mobile Scaffolding
Work Platforms
Stairs
Ramps & Walkways
Edge Protection
Custom Solutions
Proscaf
Accessories
Aviation Access

RAIL SOLUTIONS

SAFESMART - THE ACCESS PROFESSIONALS

SEE OUR GALLERY OF ACCESS SOLUTIONS FOR THE **RAIL** INDUSTRY.

Progress Rail
A Caterpillar Company



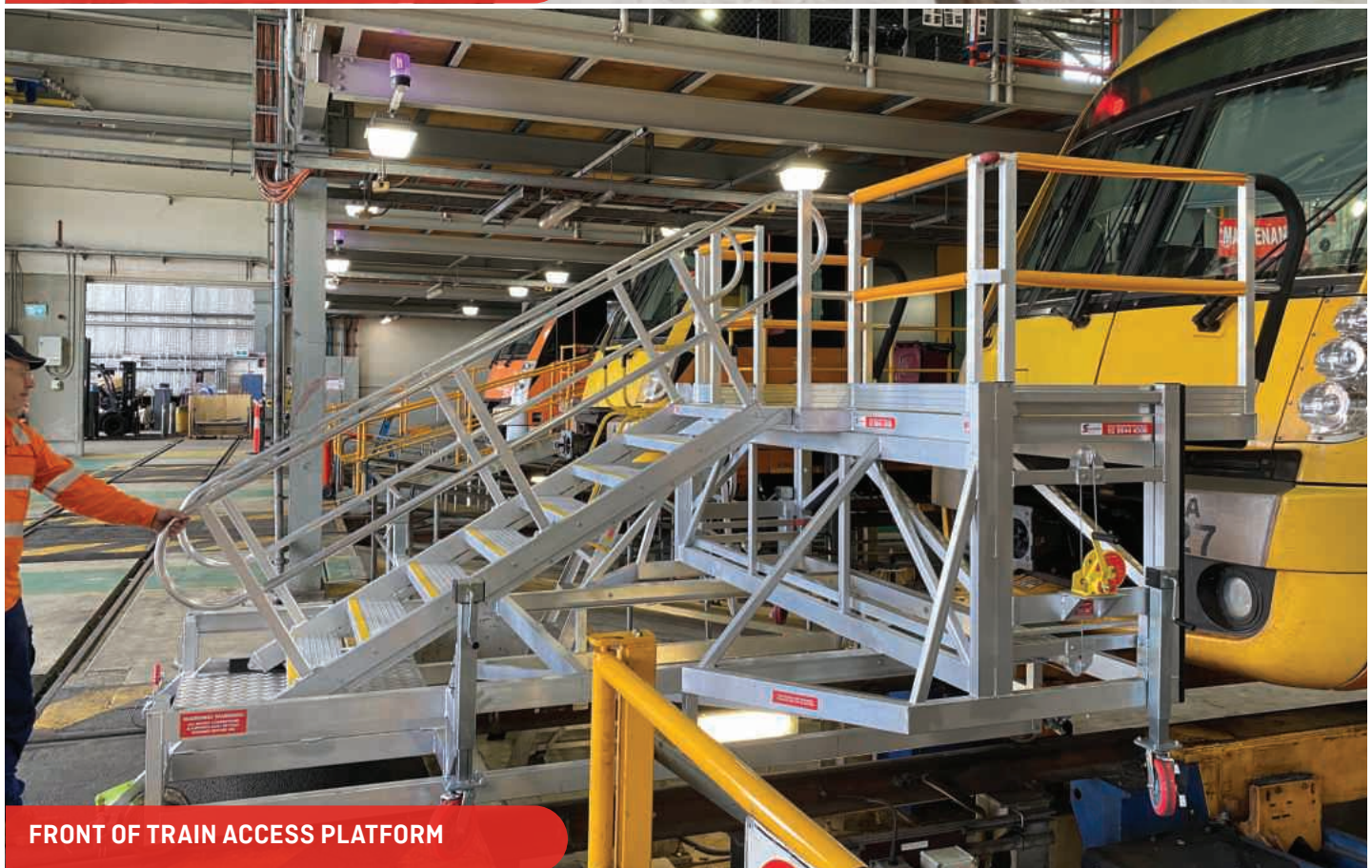
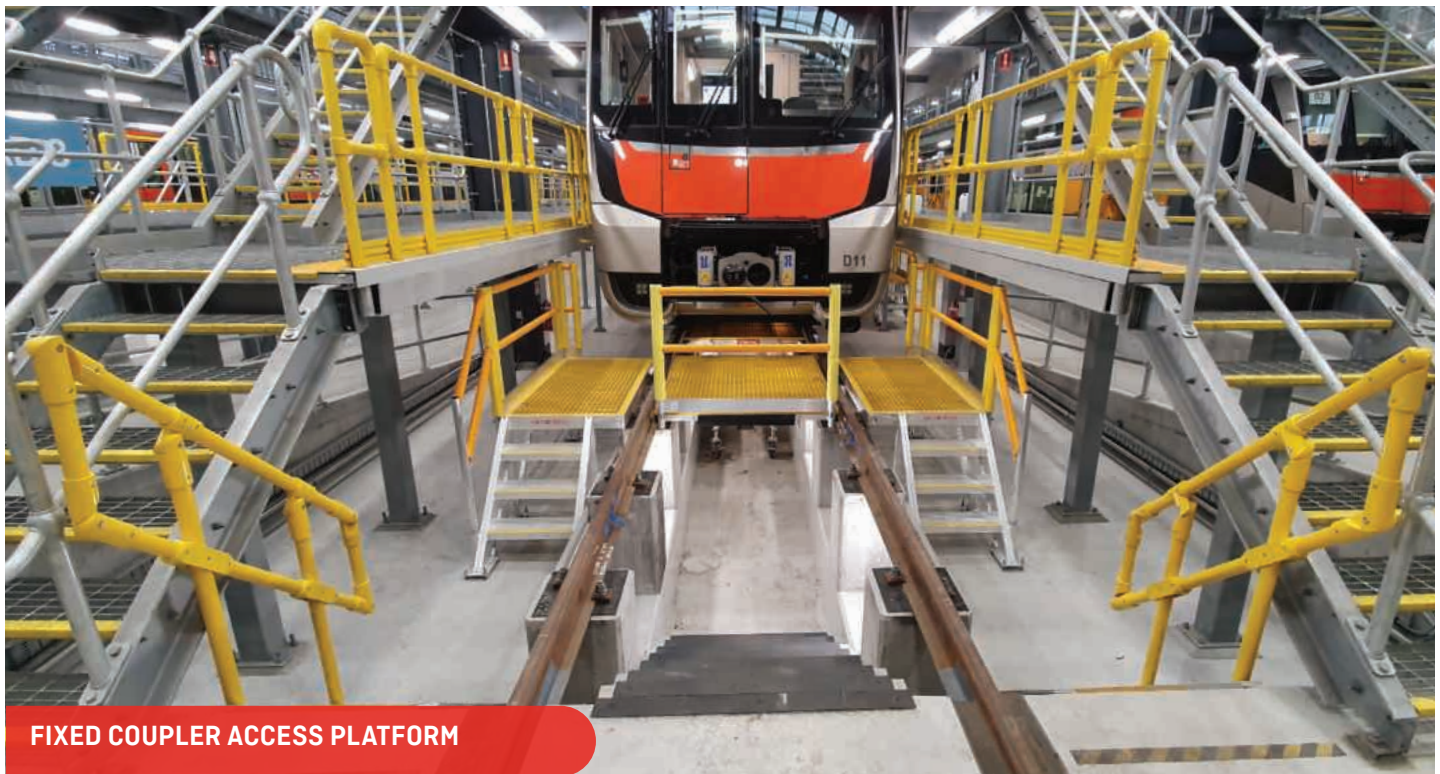
Downer
Relationships creating success



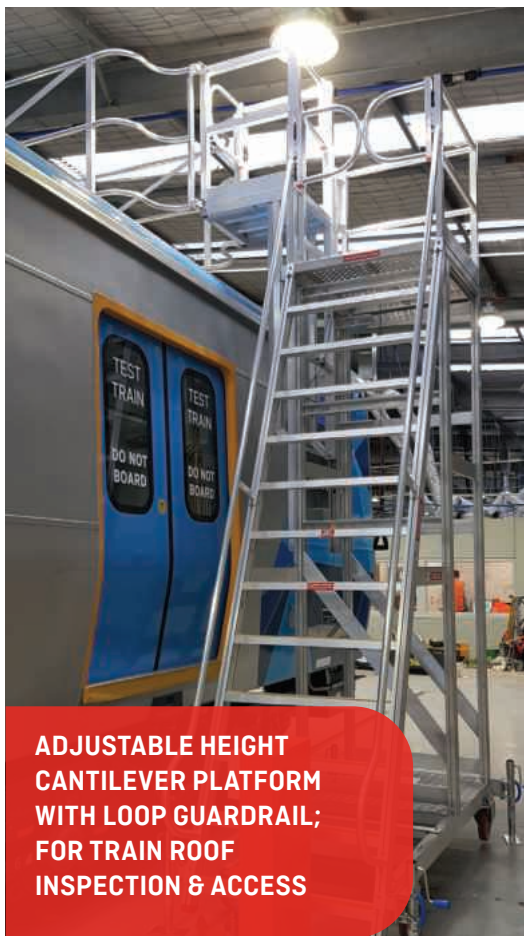
ALSTOM



RAIL SOLUTIONS



RAIL SOLUTIONS



ADJUSTABLE HEIGHT
CANTILEVER PLATFORM
WITH LOOP GUARDRAIL;
FOR TRAIN ROOF
INSPECTION & ACCESS



DUAL-LEVEL TRAIN MAINTENANCE GANTRY



TRAM ROOF ACCESS PLATFORMS & EDGE PROTECTION FRAME



INDUSTRY STORY

Progress Rail - Mobile Roof Access Gantry

THE CHALLENGE

Accessing locomotive roofs during maintenance was historically dangerous due to fall hazards, poor edge protection, and reliance on harnesses. Progress Rail aimed to improve safety by:

- eliminating fall risks,
- removing harness requirements
- implementing a more efficient and compliant access system

THE SOLUTION

Progress Rail, aiming to improve safety and efficiency during locomotive maintenance, partnered with SafeSmart Access to develop a custom mobile gantry system. Designed through close collaboration with workshop crews, the gantry eliminated the need for harnesses, ladders, and scaffolding by offering stable, secure, and intuitive roof access tailored to the 82-class locomotive fleet. This innovative system featured a guide wheel with a 125mm double flange track for stability, standard locking castors to prevent movement, protective mesh to eliminate fall hazards, and sliding gates with removable guardrails for safe, unrestricted movement.

THE RESULT

The innovative access system delivered immediate improvements in safety, efficiency, and productivity. Workers could operate the system with minimal training, avoiding complex onboarding processes.

Progress Rail confidently justified the investment through **reduced downtime, faster maintenance, and long-term cost savings**. The gantry not only modernised a high-risk task but became a standout success among the crew—so much so that there is already interest in adding more units for their workshop. SafeSmart continues to work alongside Progress Rail to maintain the upkeep of the solution and stay engaged with site crews to adapt the system to evolving operational requirements.

07 Custom Solutions

RAIL SOLUTIONS

ADJUSTABLE HEIGHT FRONT OF TRAIN ACCESS PLATFORM

- Allows easy and safe access to repair, remove and replace the train windscreen, headlights and wipers.
- Adjustable version available to allow access to external destination display.
- 45-degree access to allow tools and components to be carried onto the platform.
- Platform edge profile fitted precisely to the front of the train to ensure no unsafe gaps.
- Foam rubber buffering to ensure no damage to the train when in use.





Ladders

Mobile Scaffolding

Work Platforms

Stairs

Ramps & Walkways

Edge Protection

Custom Solutions

Proscaf

Accessories

Aviation Access

INDUSTRY STORY

Cantilevered Hoop Guardrail Platform - Custom

THE CHALLENGE

Maintaining locomotives is a difficult and challenging task. There are many parts and pieces that need to be checked and serviced on a regular basis, often in difficult-to-reach places. SafeSmart was tasked to change this.

Typically, maintenance of locomotives requires people to use harnesses and ladders. This can be dangerous for workers, who are at risk of falling off the ladder as they lean or if a fall does happen with a harness, it arrests the fall but there can still be injuries. Personnel must be rescued within 15 minutes of a fall, this can be difficult in hard-to-reach areas of workshops, meaning a decent rescue plan needs to be in place.

THE SOLUTION

Aurizon decided that they needed a better, more efficient way to carry out this kind of maintenance with minimal disruption and distraction for their highly trained staff who maintain locomotives every day. They wanted an access system that would enable them to maintain parts on top of locomotives, making sure that it was safe for staff to navigate across the roof of locomotives without having to use ladders, harnesses or scaffolding. They turned to SafeSmart Access for a solution.

SafeSmart designed and manufactured an innovative Cantilevered Hoop Guardrail Platform, which provided workers with safe access to areas that were previously inaccessible. The platform consists of a 1m² cantilevered platform, and full surround guardrails both top and mid aided by a telescopic support that rests on the Locomotive roof.

Workshop mechanics can easily push the lightweight aluminum rolling platform to the side of the train, deploy the wind down jacks, and are ready to scale the 70-degree access. Once up top, mechanics go through a lift-up gate onto the platform then the step-through gate to access the locomotive roof. Now situated atop the locomotive, large hooped rails extending from the cantilevered platform encase maintenance personnel while they undertake their work.

THE RESULT

Aurizon has been very pleased with the Cantilevered Hoop Guardrail Platform and has seen a **significant improvement in safety and efficiency** when performing maintenance on locomotives.

07 Custom Solutions

TRUCK BODY ACCESS PLATFORM

HEIGHT ADJUSTABLE TRUCK BODY ACCESS PLATFORM

- Large cantilever and fast adjustment with a manual winch.
- 1.2m height adjustment capability - ranging between 2.3m - 3.5m.





INDUSTRY STORY

BRM Refrigeration - Custom

THE CHALLENGE

BRM Refrigeration is renowned for their servicing of refrigerated trucks, trailers and containers in North West Tasmania. They constantly require access to mobile cooling units on the truck bodies, and above the cab on a range of trucks.

THE SOLUTION

BRM reached out to SafeSmart Access to solve their challenge. There was space restriction beside the trucks, in the workshop, and the broad range of trucks required to be serviced. SafeSmart Access designed & developed a 3.5mH x 1.9mW x 3.6mL mobile, hand winching height adjustable platform, that cantilevered over the truck bodies to get to the cooling units. The height adjustment capability is 1.2m; ranging between 2.3m - 3.5m. SafeSmart's in-house design team 3D modelled the platform on the various truck bodies, and fit tested to ensure a safe and effective solution prior to manufacture.

THE RESULT

The large cantilever and fast adjustment (though manual winch) meant the **platform could be configured very quickly and safely by one person and moved into place** over the corresponding truck body. Additionally, the platform was designed to ensure that the frame didn't protrude into other workshop bays beside the truck - for efficient use of workshop space.

CANTILEVERED LOOP GUARDRAIL PLATFORM

- The loop guardrail design provides safe, fully enclosed access to a localised area on the machine or object you're working on.
- Available with either a fixed height or height adjustable platform, for various applications.
- Latching exit gate on the platform prevents access to the work area when the platform is not in position.
- Large, safe 2000 x 1000mm work platform at top for ultimate stability.
- Platform is easy for one person to move into position and use.
- Cantilevered platform options are also available - ideal for container access.



07 Custom Solutions

FIXED CONVEYOR ACCESS PLATFORMS

- Used for access to conveyor controls and systems.
- Safe, compliant access for control repairs, and for clearing jams.
- During the design phase, these platforms can be CAD modelled and fit tested on conveyor plans to ensure a smooth installation and optimum access for personnel.
- Available in any size configuration.



07 Custom Solutions

CRANE ACCESS PLATFORMS

SIDE ACCESS STAND

- Crane side access platforms are designed to provide safe and stable access to the entire crane, between the stabilisers.
- The rear return stairs enable full-length platform access for the crane.
- Available in different platform sizes to suit different makes & models of crane.
- Wide enough to store tools & equipment on the platform.
- Ideal to use in conjunction with small, mobile platforms to provide safe access to any area on your cranes.



07 Custom Solutions

MOBILE DRY DOCK BOAT PLATFORMS

- Designed for access to boats or marine craft whilst in a workshop environment.
- Mobile platforms can be moved into position or removed in seconds - minimal setup time.
- Fold down cantilever flaps bridge the gap between the platforms & the boat.
- Additional bow and rear edge protection panels are available to provide full surround protection.



07 Custom Solutions

CUSTOM STEEL

INVERTER ACCESS PLATFORMS

- Fully designed and engineered solution by SafeSmart Access.
- Design Life: 45 Years.
- Customised to match your specific requirement.
- Earthing point connection on the platform for use next to electrical instruments.
- Bolted assembly design for ease of installation and manoeuvrability around tight spaces on-site.
- Lightweight individual parts make it safe to manual handle without the need for cranes
- Custom platform sizes to suit control panel door openings.
- Floor grating provides safety and a wide maintenance area.
- Cantilever steel platform to reduce concrete footprint.



07 Custom Solutions

CUSTOM STEEL

ALSTOM TRANSPORT - TRAM MANUFACTURING GANTRY

- Fully designed and engineered solution by SafeSmart Access.
- Fixed-steel gantry with aluminum componentry.
- Customised to match your specific requirement.
- Steel and aluminum construction offers great durability that enhances workplace safety and offers long-term cost savings by reducing the need for frequent replacements.

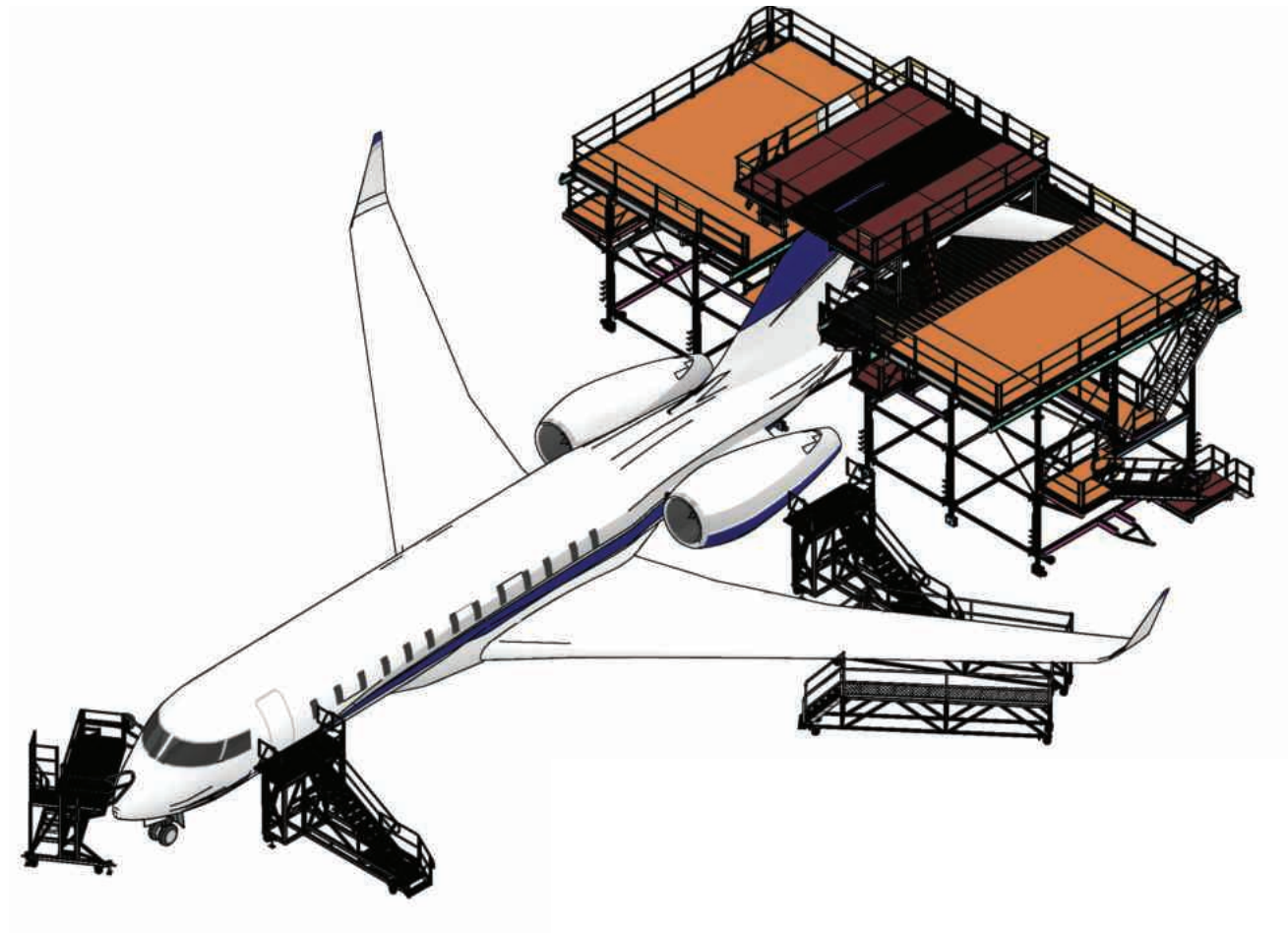


07 Custom Solutions

CUSTOM STEEL

ELECTRICALLY DRIVEN AIRCRAFT TAIL DOCKING

- Fully designed and engineered solution by SafeSmart Access.
- Electrical & pneumatic features.
- Innovative hydraulics and static lines featured around the platform, maximising height adjustability.
- Sliders to fit the contour of the aircraft.
- Structural grouting.
- On-site assembly & installation.
- Mobile, driven to/from the aircraft for fast set-up/set down.
- Height adjustable, allowing for use on aircraft with different fuel loads, and jacked configurations.



07 Custom Solutions



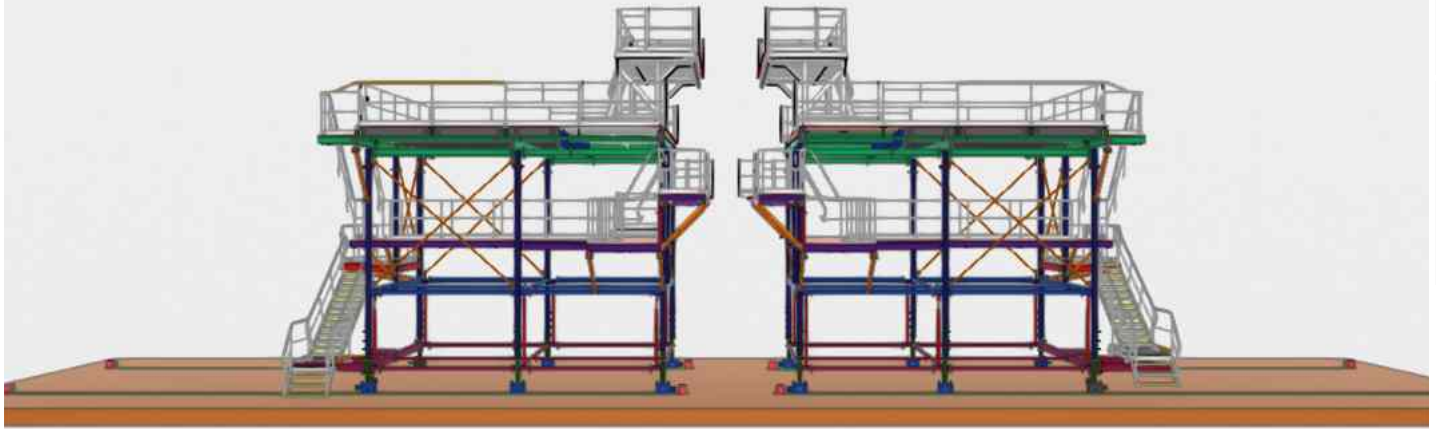
SLIDING GUARDRAILS



SLIDERS SWIVELLING ENDCAP



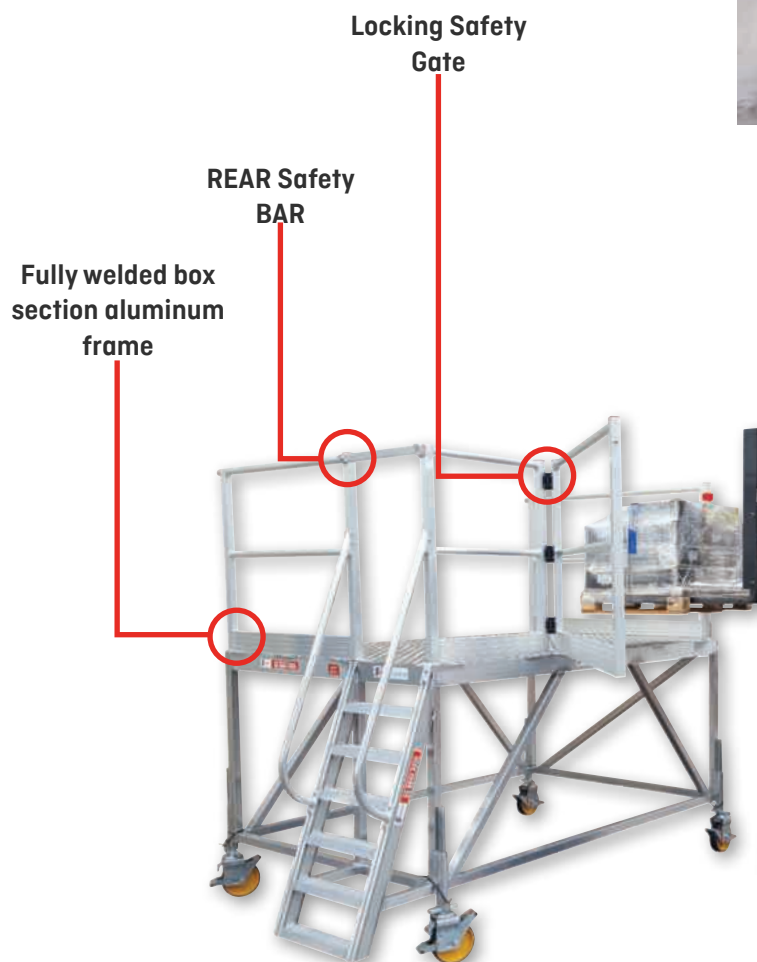
HAZARDOUS AREA RATED ELECTRICAL OUTLETS



07 Custom Solutions

CONTAINER UNLOADING PLATFORM

- Ideal for sites without a fixed loading dock to unload items from container trucks.
- Platform sits up to the rear of the container truck, and users can then easily take items from the container and stack them on a pallet on the platform.
- Pallets on platform can then be forklifted off through the pallet gate.
- Adjustable height castors included to level the platform to correct container height.
- Available in different heights and configurations - the standard 2400mm width covers the width of a container.





SECTION 08

PROSCAF

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INTRODUCTION



SCAN CODE
TO VIEW
VIDEO

THE PROSCAF ADVANTAGE: REACHING NEW HEIGHTS

Proscaf: Do more, with less. The ring system provides ultimate flexibility in use, with the system designed to allow you to achieve maximum build efficiency whilst minimising personnel.

The unconventional becomes conventional; the unique load bearing properties of Proscaf components make it ideal for projects that involve:

- Cantilevered/spurring structures
- Craneable structures
- Heavy-duty loading/propping
- Public access ramps and stairs
- Facade access

BUILD WITH CONFIDENCE

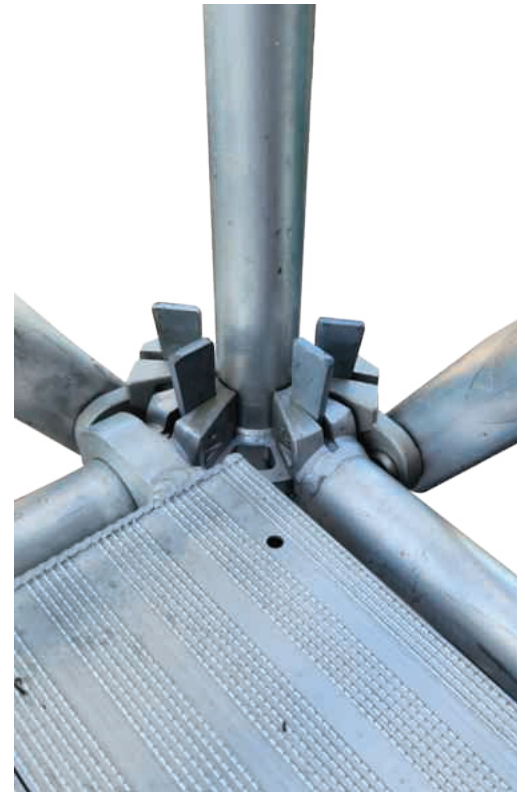
The highly-engineered properties of the system and extensive technical data available means that engineering of complex structures is simplified and streamlined.

EXTENSIVE QA PROCESSES

Batch testing & stamping of every component assist the operational team in verifying and tracking any piece of Proscaf you own.

Expand your options: the Proscaf range includes;

- Components to create **public access structures** such as stairs, ramps, and viewing platforms.
- **SwiftStage staging system.**
- **Proscaf Aluminum system range.**
- **SmartBridge bridging system.**
- **SmartRoof roofing/encapsulation system.**



WHY USE PROSCAF ON YOUR PROJECTS?

SAFETY AND ASSURANCE

Each Proscaf component is batch stamped for identification and tracking. Strict ISO-certified QA procedures are undertaken at a factory and post-factory level to ensure the integrity of every component. Full technical packages and engineering support is available through the SafeSmart Access technical team (the manufacturer of Proscaf).

This allows accurate third-party design checks and verifications to be completed where required.

Additionally, the unique nature of the Proscaf system means that the installation of scaffolds, including complex structures, such as craneable or cantilevered scaffolds, is simplified and safer than building with traditional modular scaffold systems.

SPEED

Proscaf is up to 3 times as quick to install and dismantle than other scaffold systems. Time is money - shorter install timeframes equal cost and program advantages for you.

MATERIAL EFFICIENCY

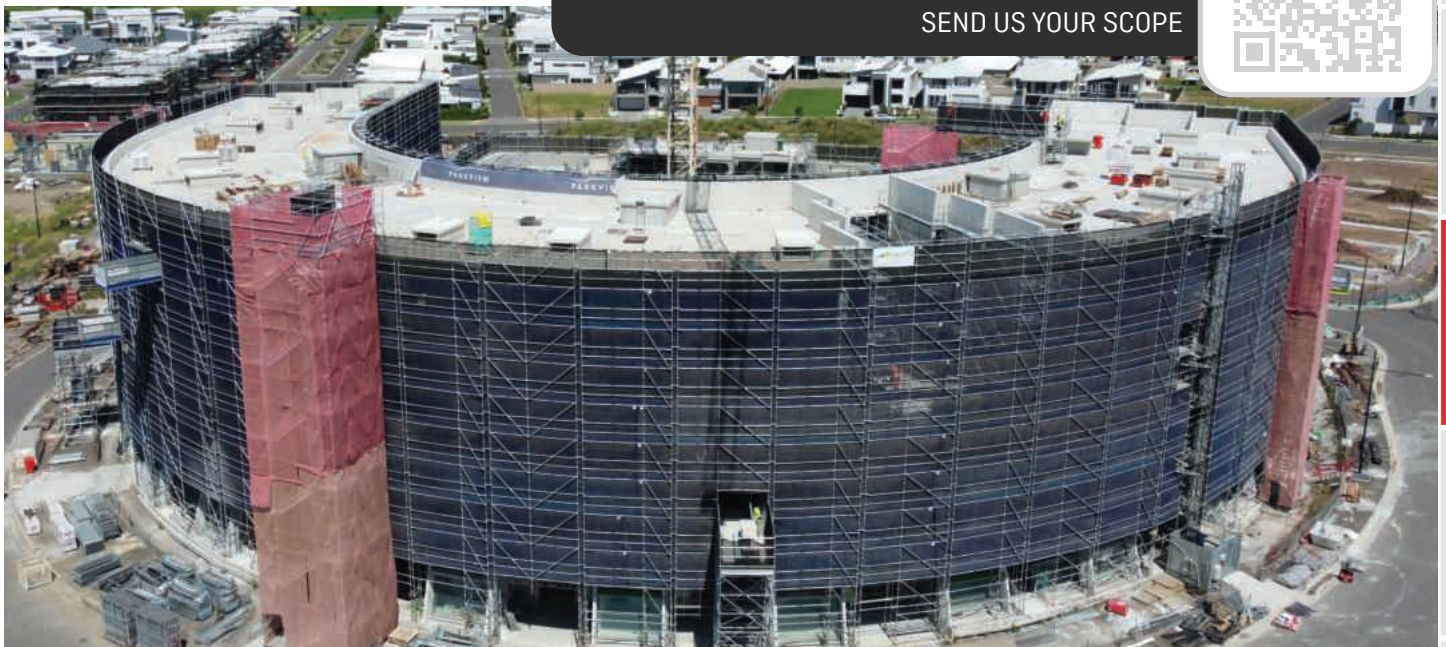
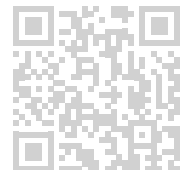
With Proscaf, scaffold crews can do more, with less gear. High load bearing component capacities and unique accessories available through the Proscaf range minimises the weight and amount of scaffold material required to build any project.

When it comes to complex structures, the efficiency advantages of Proscaf really shine.

AESTHETIC SUPERIORITY

Scaffolding is one of the most visible outside representations of a project, and it's important to present clean, safe scaffolds that give a stunning visual edge over the competition. The tidy galvanised steel or high tensile aluminum finish of Proscaf ensures that your project will stand out from the crowd.

**FREE SCAFFOLD SCOPE REVIEW
& DESIGN ON YOUR PROJECT**
SEND US YOUR SCOPE



CONSTRUCTION STAIR TOWERS

- 2m lift heights ensure access heights meet working platform heights, in typical building structures.
- Stairs are fully craneable using only Proscaf proprietary components.
- 2m lift heights allows stairs to be installed parallel to working deck, to reduce stair footprint and maximise configuration flexibility.



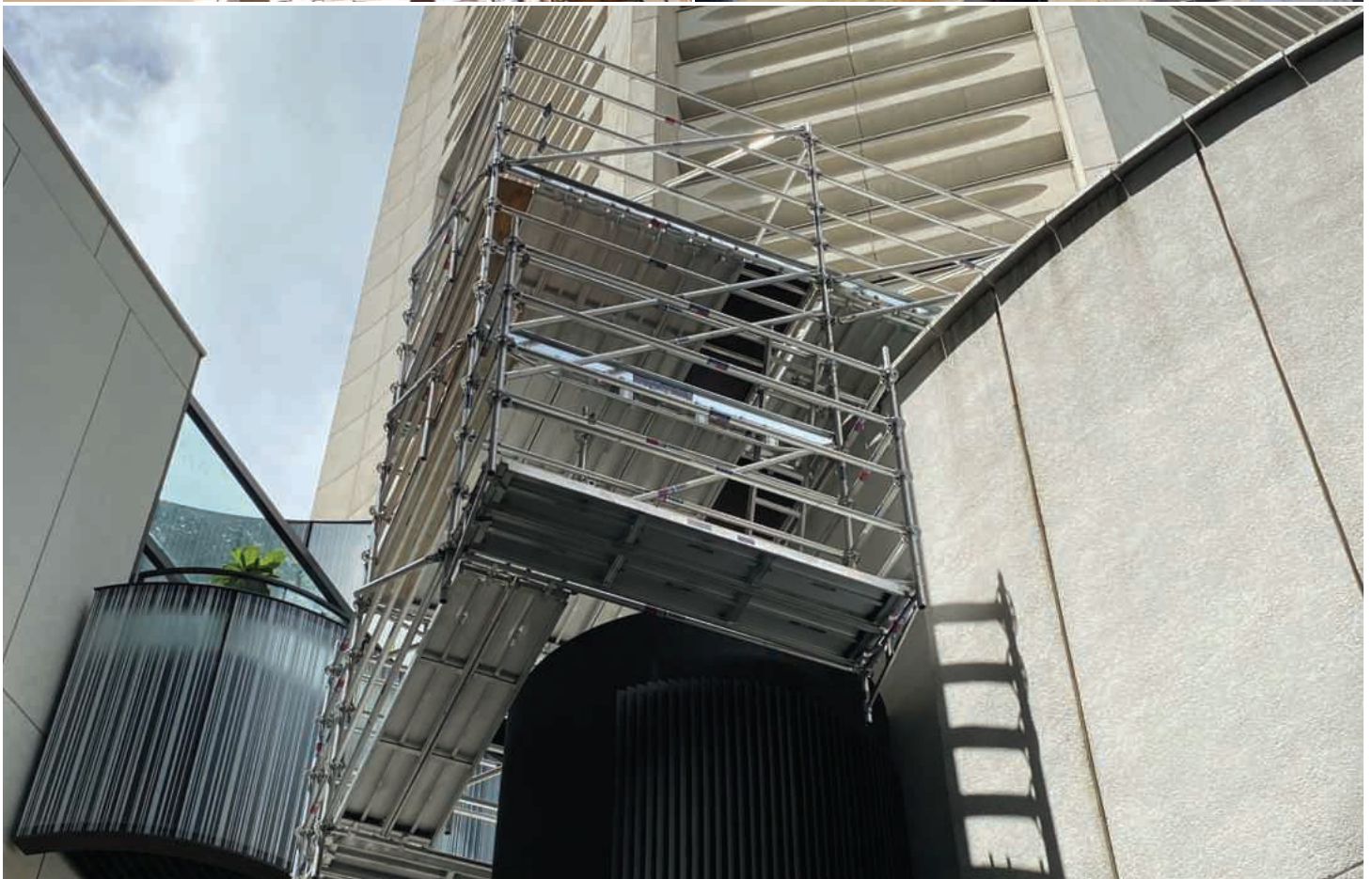
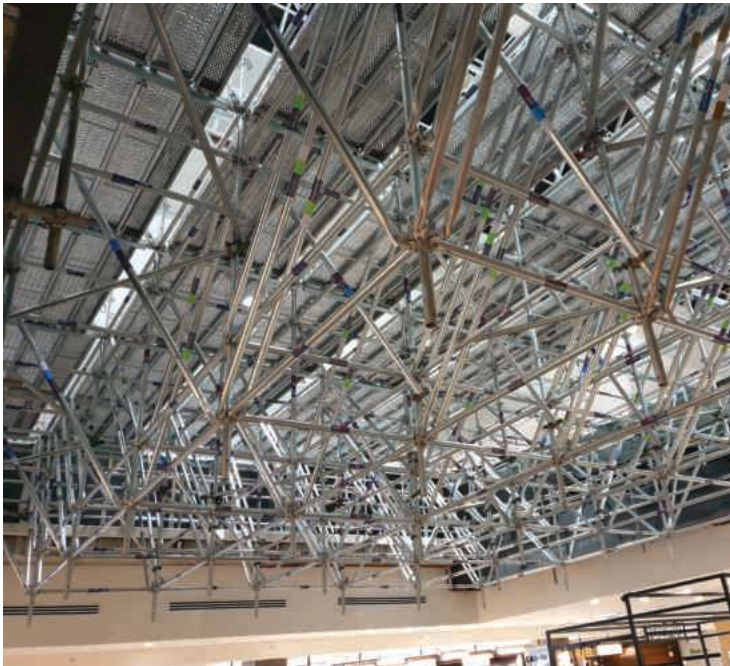
08 Proscaf

STRETCHER STAIR TOWERS

- Public Access Compliant Stringers and Childproof guardrails available - fully public compliant site accommodation access is achievable.
- Stair Stringers act as diagonal bracing meaning less ledgers and braces are required to be installed.
- Stairs are fully craneable, using only Proscaf proprietary components.



SUSPENDED / CANTILEVERED STRUCTURES



SUSPENDED / CANTILEVERED STRUCTURES





INDUSTRY STORY

Cantilevered Scaffold - Proscaf

THE CHALLENGE

Working at heights on scaffolding while the building is still operating presents a series of challenges. It is essential to provide safe and practical access for workers at heights, while the general public still have easy access and safe conditions at ground level. Depending on the building structure and street conditions, this can be a logistical and design challenge for many companies.

The presence of a physical barrier such as lack of space, building complexity during rehabilitation or high risk to pedestrians on the street can make it difficult to achieve safe scaffolding conditions.

Recently the lead contractor for a replacement cladding project on the Eveleigh Channel 7 Building was faced with such a scenario and recognised the gravity the site conditions posed. Reaching out to market-leading scaffolding company, GM Scaffolding, they were presented with Proscaf as a solution.

Proscaf is a versatile, all-in-one scaffolding system. That means all manner of structures like cantilevers, bridging and propping scaffolds can be erected without the use of additional non-system parts. With the client impressed by the capabilities of Proscaf in the hands of GM Scaffolding, they were awarded the contract to commence work.

THE SOLUTION

To provide uninhibited, full level access for workers, GM Scaffolding erected a cantilevered and bridging scaffold, while minimising the amount of scaffold at ground level. The scaffold installed functioned as a height access solution, cantilevered work platform (birdcage), and a landing platform for additional swing stages to be later installed on the building.

THE RESULT

With scaffolding in the hands of professionals like GM Scaffolding, almost anything is achievable.

With Proscaf, everything is.

GM Scaffolding won the Eveleigh project by leaning on the strengths of Proscaf to create a bridging and cantilevered structure, providing full level access at height, all the while minimising the amount of scaffold at ground level. And this is the Power of Proscaf.



FACADE SCAFFOLDING

- Do more with less components. Proscaf component properties allow you to achieve more face metres with less tonnage of equipment.
- Faster and easier to install than regular scaffold systems.
- Cantilevering properties allow for bridging/spanning of structures.



HIGH LOAD BEARING/PROPPING

- High loading capabilities of components makes Proscaf the ideal system to use for propping.
- Minimal components required to achieve high load capacity.
- Propping load tables are available upon request for engineering on your project.
- Specialist propping components are available to connect to the supported surface.
- Modular system lends itself to ease of assembly and assembly in difficult-to-access work areas.





INDUSTRY STORY

Public Access Stairs - Proscaf

THE CHALLENGE

Established in 1957, the Queensland Conservatorium (Griffith University) has established a reputation as Australia's most comprehensive tertiary music school. Over the course of many years, this organisation has produced and delivered many high-quality musical and artistic show performances at the Conservatorium Theatre in South Brisbane.

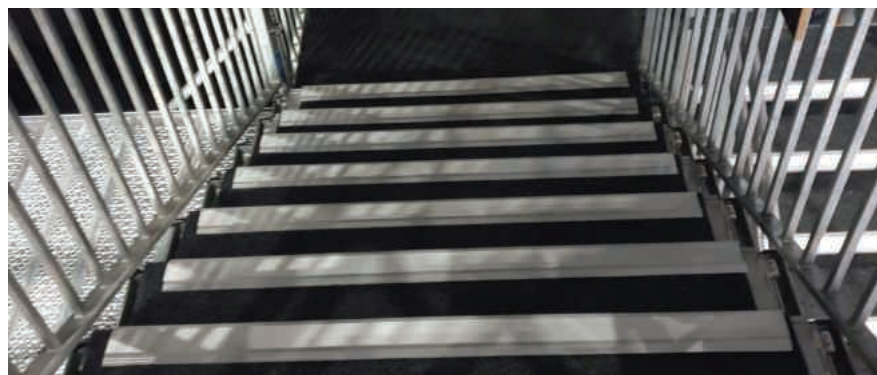
As a part of their production requirements in 2021, the University required a multi-level walkway structure to be built, as part of the set to support two productions over the course of 8 weeks.

THE SOLUTION

Brisbane Scaffold Hire was approached to bring the vision to life.

Utilising Proscaf Public Access system components and drawing on their experience with similar public access compliant projects, the Brisbane Scaffold Hire team proceeded to design, install and commission a four-level, multi-directional, free standing scaffold structure.

This scaffold was finished with slip resistant flooring and continuous handrails.



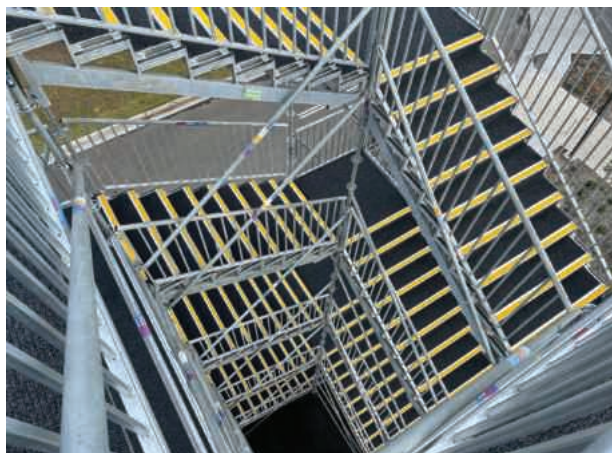
THE RESULT

The high-quality finish of the Proscaf system, expertly installed by Brisbane Scaffold Hire, ensured that the client was impressed with the rock-solid stability and outstanding aesthetic of the scaffold.

08 Proscaf

PUBLIC ACCESS STAIRS

- Utilise Proscaf public access components to create a system suitable for pedestrian access.
- Stair treads (rise and going dimensions) and other system components are designed to comply with public access requirements (where applicable).
- Ideal for projects at schools, train stations, hospitals, and other high traffic areas.
- Includes continuous guardrails and flooring.



DESIGN CONCEPT



FINAL OUTCOME



PUBLIC ACCESS STAIRS



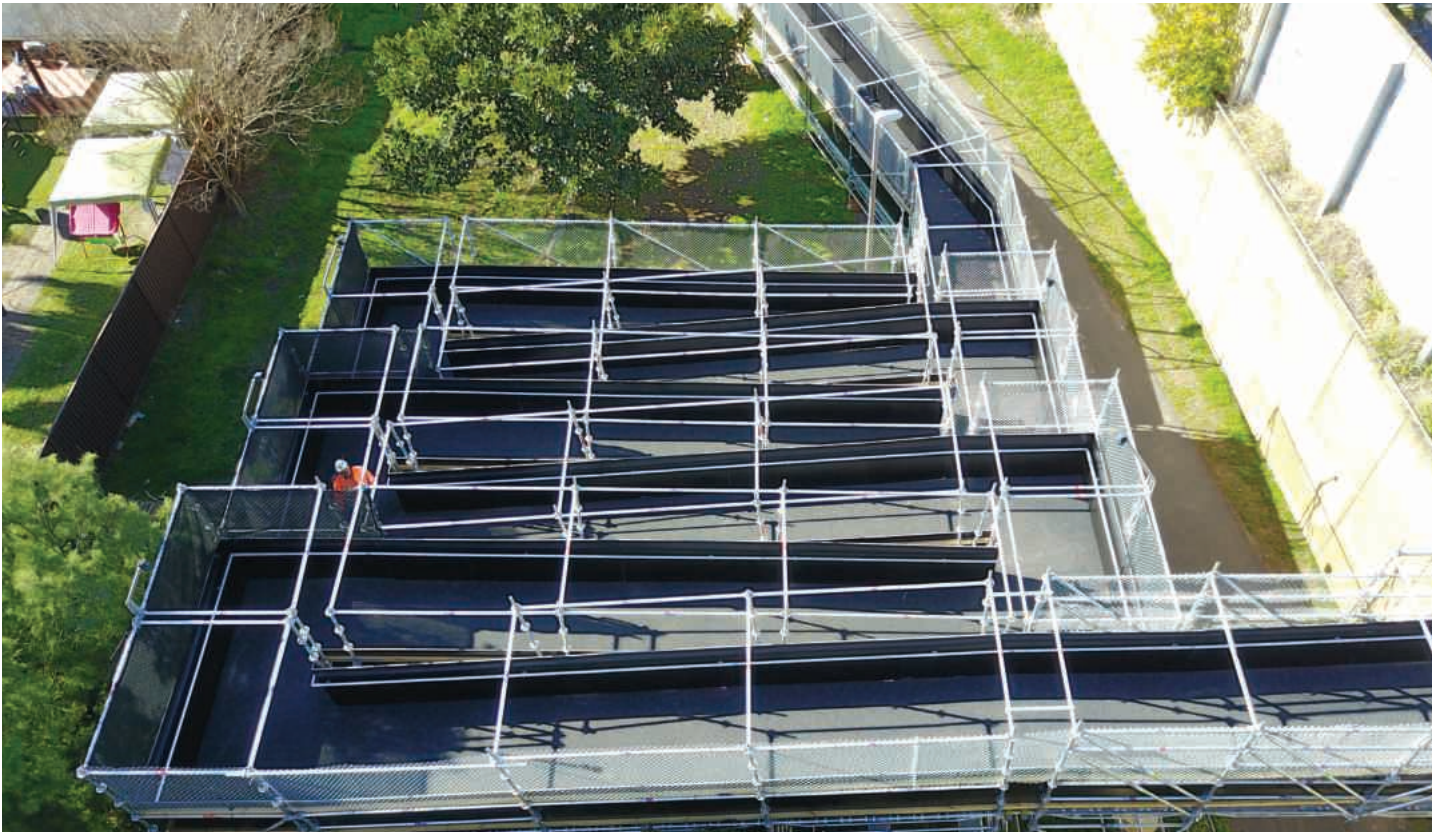
08 Proscaf

PEDESTRIAN ACCESS RAMPS

- Create ramps suitable for high traffic, public pedestrian access.
- Available with flooring and continuous handrail solutions.
- Designed and engineered for public access.
- Ideal for high profile projects.



PEDESTRIAN ACCESS RAMPS



Ladders

Mobile Scaffolding

Work Platforms

Stairs

Ramps & Walkways

Edge Protection

Custom Solutions

Proscaf

Accessories

Aviation Access

TEMPORARY BRIDGES

- Proscaf is the ideal system for spanning long distances and maintaining high kPa ratings.
- Bridging solutions are engineered to be suitable for site or public access.
- Can be craned into position in modules.
- Smaller bridging solutions are ideal for access between towers on-site out to cranes.
- Full engineering support for all projects.



TEMPORARY BRIDGES



08 Proscaf

-
- A close-up photograph of industrial piping. Several horizontal pipes are visible, with a prominent yellow valve handle in the center. The pipes are connected by flanges and bolts. The background is a clear blue sky.

5-45-degree adjustable mo

Keder Sheetting - 12m Span - 2.57m

SRL257 - Horizontal Brace

TJ-530 - Truss Beam Hip Joiner 20deg

SRR - Keder Roof Extrusion

TB6.0 - Truss Beam

SRC - SmartRoof Coupler

SRL257 - Horizontal Brace

SRS - SmartRoof Spigot

SREB-530 - Eave Bracket

SRHJ-20 - Keder Roof Extrusion

SRAM - SmartRoof Adjustable Mount

B (0.04 : 1)

C (0.04 : 1)

SMARTROOF - TEMPORARY ROOFING SYSTEM





INDUSTRY STORY

Public Access Bridge - Proscaf

THE CHALLENGE

A private school based in Sydney's Eastern Suburbs required an engineered structure to facilitate the safe passage of students up and over an internal site road, whilst construction works were in progress. Rohrig Constructions, the principal contractor on site, contacted SafeSmart Access to coordinate the design and delivery of a suitable solution. SafeSmart, in conjunction with delivery partner Just Tube Scaffolding, Rohrig, and the school, prepared a design for public access stairs in conjunction with a 12mL span, 4.5m high bridge using the Proscaf system.

THE SOLUTION

The design included the public-compliant stairs and bridge that were 2.0mW with a special duty rating of 5kPa. The structure was also designed to Australian Standards and the stringent requirements for public access. Additionally, the stairs and bridge had two requirements: 1. To be in position for a long period of time (potentially 2+ yrs) 2. To be clad with a suitably aesthetic and weather-proof lining to fit the specifications of the school.

The Proscaf load bearing braces were crucial in achieving the bridge span of 12m. The Proscaf ProClad hoarding system was also supplied in conjunction with the Proscaf System to achieve the striking aesthetics of the finish.



THE RESULT

Upon installation, the client was impressed with the finished structure.

Just Tube's Director, Sam Bury, commented on Proscaf's capability:

"The bridge demonstrated some of Proscaf's best qualities," said Sam, "**The Proscaf System is the best scaffold in the market by far.**"

The team were also impressed with ProClad – having utilised it for the first time on this project."





SECTION 09

GENERAL ACCESSORIES

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09 Accessories

COUPLERS & FITTINGS

EXTERNAL SLEEVE COUPLER



Code	Bag Qty
290074	20

BASE PLATE



Code	Bag Qty
290117	20

PLANK RETAINING BRACKET



Code	Bag Qty
290075	25

PROPPING FIXED COUPLER 60MM/48MM



Code	Bag Qty
290118	25

PROPPING SWIVEL COUPLER 60MM/48MM



Code	Bag Qty
290119	25

BEAM COUPLER



Code	Bag Qty
290072	15

HALF COUPLER



Code	Bag Qty
290136	30

JORDAN COUPLER



Code	Bag Qty
290130	30

BUTTERFLY COUPLER



Code	Bag Qty
290073	25

INTERNAL SLEEVE JOINER



Code	Bag Qty
HS046	25

LADDER CLAMP



Code	Bag Qty
290124	20

WALL TIE BRACKET



Code	Bag Qty
290658	25

FIXED 90° COUPLER



Code	Bag Qty
210237	25

SWIVEL COUPLER



Code	Bag Qty
210232	25

PUTLOG COUPLER



Code	Bag Qty
290071	25

GALVANISED SCAFFOLD TUBE 6.5M



Aluminum SCAFFOLD TUBE 6.0M
Aluminum SCAFFOLD TUBE 4.0M

CONTACT YOUR LOCAL
SAFESMART OFFICE FOR FURTHER
INFO.

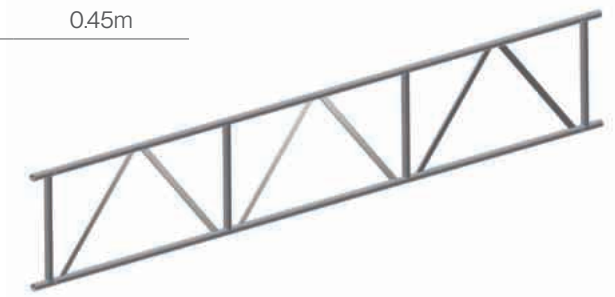


09 Accessories

ALUMINUM TRUSS BEAMS

Code	Description	Length (m)	Depth (m)
ATB75V3-225	Proscaf Aluminum Truss Beam	2.25m	0.75m
ATB75V3-325	Proscaf Aluminum Truss Beam	3.25m	0.75m
ATB75V3-425	Proscaf Aluminum Truss Beam	4.25m	0.75m
ATB75V3-525	Proscaf Aluminum Truss Beam	5.25m	0.75m
ATB75V3-625	Proscaf Aluminum Truss Beam	6.25m	0.75m
ATB75V3-725	Proscaf Aluminum Truss Beam	7.25m	0.75m
ATB45V3-2	Proscaf Aluminum Truss Beam	2.0m	0.45m
ATB45V3-3	Proscaf Aluminum Truss Beam	3.0m	0.45m
ATB45V3-4	Proscaf Aluminum Truss Beam	4.0m	0.45m
ATB45V3-5	Proscaf Aluminum Truss Beam	5.0m	0.45m
ATB45V3-6	Proscaf Aluminum Truss Beam	6.0m	0.45m
ATB45V3-8	Proscaf Aluminum Truss Beam	8.0m	0.45m

- Aluminum Truss Beams are ideal for roofing jobs, or creating large spans with lightweight material.
- Available with a variety of joiners and fittings for different applications.
- Can be used in conjunction with Proscaf Aluminum or Steel.



PROSCAF TOOL BAG

Code	Size
290690	450mmL x 250mmW x 250mmH*

*open bag measurements.

- Fully adjustable bag strap.
- Tough and durable.
- Store a large range of tools and materials.



09 Accessories

SCAFF STEP

Code	Size
290097	560mmW x 1000mmH

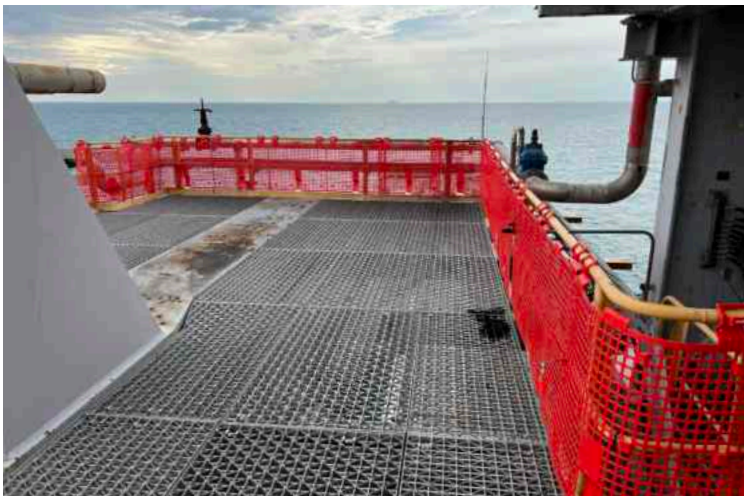
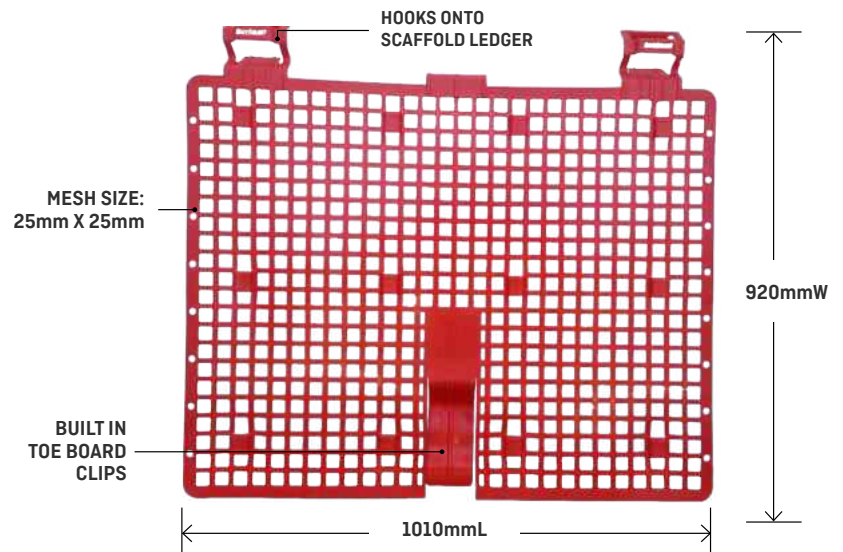
- Install handrails on the next lift up without operating by an exposed edge.
- Adjustable platform height in 25mm increments.
- Unique and simple locking allows speedy relocation.
- Lightweight aluminum for easy use & relocation.
- Folds flat for compact storage.
- Fits on Proscaf, tube & fitting scaffolds.



ONE-PIECE PLASTIC BRICKGUARD

Code	Description
290739	Polypropylene BrickGuard RED with Mesh
290759	BrickGuard Stillage (Holds up to 85 BrickGuards)

- Built-in toe board clip.
- Durable swivel hooks.
- Stackable for storage & transportation.
- BrickGuards may be overlapped to neatly fit bays of any size.



09 Accessories

RUBBISH CHUTES

MADE FROM TOUGH DURABLE PLASTIC

Code	Size
290112	Top Hopper
290113	Chute Section
290114	Side Entry Chute
290115	Fixer Frame

- **LIGHTWEIGHT** - Unlike some rubbish chutes, which being made from inferior material, can weigh over 15kg each, our rubbish chutes weigh only 8kg.
- **STACKS EASILY** - Rubbish Chute sections are 1100mm high and taper from 500mm to 400mm. This ensures flexibility and easy stacking - valuable space is saved.
- **EASILY ERECTED** - Either by hand or purpose designed winch systems, our range of rubbish chutes are ready for a quick setup.



TOP HOPPER



SIDE ENTRY CHUTE



CHUTE SECTION



FIXER FRAME



STILLAGES & STACKABLE CRATE

Code	Description
290111	Foldable Stackable Crate 800mmH x 1000mmW x 750mmL (Galvanised Steel)*
S290085	Stillage 0.85 x 0.85m with 0.865m uprights
S290215	Stillage 0.85 x 0.85m with 1.25m uprights
S290885	Deck Stillage with fixed uprights 1.08mL x 1.05mW x 1.66mH (60 Deck Capacity)
290110	Stillage with Mesh sides 0.85mL x 0.85mW x 0.70mH

*Folds flat for storage.



S290085



290110



S290885



Flat pack design

290111

09 Accessories

ACOUSTIC CURTAINS

Code	Description	Size
330000	Acoustic Curtain Black Premium Series	1300mm x 2000mm 43dB sound reduction
330001	Acoustic Curtain SSA Blue Acoustic Curtain Black Premium Series	1300mm x 2000mm 43dB sound reduction
330002	Acoustic Curtain SafeSmart Performance Panel	1300mm x 2000mm

For custom tent sizes, please contact your local SafeSmart Access branch

- 1300mm wide x 2000mm high panels with up to 43db sound reduction.
- Weather and UV resistant.
- Robust and durable – to provide excellent ROI.
- Controls the spread of dust & fumes.
- Custom printing available to enhance your company brand and environmental image.

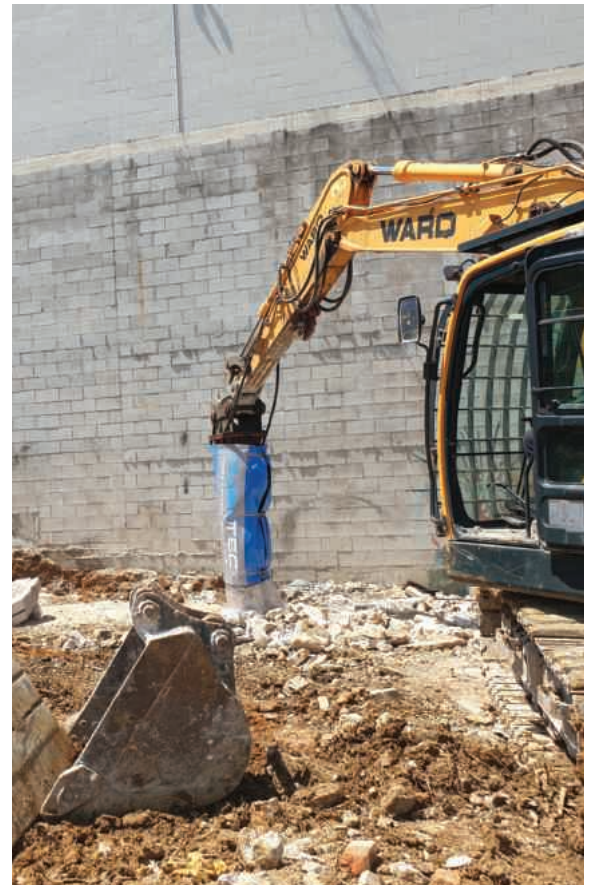
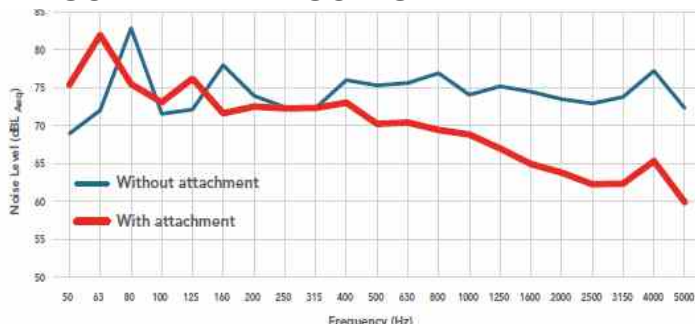


ROCK BREAKER NOISE BUFFER

Code	Description
330031	Hushtec Shroud 1 Light Grey - Suitable for 2 - 5T Units
330032	Hushtec Shroud 2 Red - Suitable for 6 - 10T units
330033	Hushtec Shroud 3 Blue - Suitable for 11 - 15T units
330034	Hushtec Shroud 4 Yellow - Suitable for 16 - 20T units
330035	Hushtec Shroud 5 Black - Suitable for 21 - 25T units
330036	Hushtec Shroud 6 Green - Suitable for 26 - 30T units
330037	Hushtec Shroud 7 Orange - Suitable for 31 - 35T units

- The Hushtec Rockbreaker Noise Control Attachment was developed to mitigate the hammer noise effects, control dust, and prevent abrasive injuries to personnel on-site by controlling flying concrete chip and debris.
- One minute install time!

MEASUREMENT RESULTS





INDUSTRY STORY

Hushtec Curtains - Vaughn Civil

THE CHALLENGE

Noise control on construction sites presents challenges, with common solutions like temporary fencing and wooden hoarding often falling short. Temporary fencing is easy to install but provides minimal noise reduction, is vulnerable to weather damage, and poses safety risks due to its lightweight nature. Wooden hoarding, while offering slightly better noise reduction, is not weather-resistant, requires frequent maintenance, and lacks adaptability for complex construction scenarios.

Due to the drawbacks of these traditional methods, SafeSmart Access was tasked with developing two innovative noise mitigation solutions for Vaughn Civil. These solutions were designed to be more effective, durable, and tailored to meet the specific requirements of the construction site, offering a superior alternative to the common approaches.

THE SOLUTION

SafeSmart Access developed two tailored noise mitigation solutions: a 3-meter high noise wall, approximately 160 meters long, using Proscaf scaffolding and acoustic noise panels, and a 17-meter retractable acoustic curtain for the site driveway. The noise wall was mounted on-site with Proscaf scaffolding, offering flexibility and adaptability for complex site requirements. The acoustic curtain, assembled and disassembled daily for night works, provided excellent sound reduction (up to 43dB), and was versatile and weather-proof. Both solutions were designed to meet the unique site needs, with Hushtec Acoustic Curtains offering quick setup and mobility, ensuring an effective, adaptable approach. The project was completed with precision, ensuring satisfaction for all parties involved.



THE RESULT

The successful noise control implementation at Vaughn Civil's stabilisation works at Oran Park showcases the effectiveness of combining innovative solutions like Proscaf scaffolding and Hushtec Acoustic Curtains to **manage noise pollution while maintaining project efficiency and timelines**. This achievement is a key milestone in a larger initiative led by ProMac and Sydney Water to modernize water infrastructure across Western Sydney, increasing reservoir capacity by 100 Megalitres and ensuring reliable access to clean drinking water for growing communities.

09 Accessories

CATCH FAN NETTING

Code	Description
290657	Standard Boom Frame 3.0m x 3.0m with Double Anchor in Upper Slab
290790	Standard Boom Frame 4.0m x 3.0m with Double Anchor in Upper Slab
290792	Standard Boom Frame 6.0m x 3.0m with Double Anchor in Upper Slab
290791	Safety Net +Tools Net Double Layer, suits 4.0m x 3.0 Boom Frame
290656	Safety Net + Tools Net Double Layer, suits 3.0m x 3.0 Boom Frame
290793	Safety Net + Tools Net Double Layer, suits 6.0m x 3.0 Boom Frame
290797	Additional components for Standard Boom Frame Anchor in Upper and Lower Slab
290798	Additional components for Anchor in Upper and Lower Slab Extended Module, suits 3.5m – 5.0m between slabs

- Secure falling objects, protecting the public, site workers, vehicles and other property.
- Boom Frames and Nets are available in 3 sizes; 3.0m x 3.0, 4.0m x 3.0m and 6.0m x 3.0m.
- Easy setup and pack down.



TRIPLE LAYER DEBRIS NETTING

Code	Mesh	Roll Size
290654	60mm/20mm/85gsm	2.0mW x 25mL
290655	60mm/20mm/85gsm	2.5mW x 25mL
290496	60mm/20mm/85gsm	3.2mW x 25mL

- Border rope and 60mm net made from 100% HDPE.
- 20mm tool net.
- Fine debris netting.
- Manufactured in Spain according to the standard EN1263-1:2014.
- Available in custom sizes upon request.



FOR ULTIMATE SAFETY AND PROTECTION OF WORKERS AND PROPERTY

Designed to fix directly onto buildings or scaffolding during construction. Multiple sizes and attachments for easy installation. Made from 100% HDPE (virgin high-density polyethylene) and now available in triply effective, three-layer options.

All nets come with a border rope for added durability and are stocked in standard sizes of 2.0m and 2.5m width, in 25m rolls.





INDUSTRY STORY

ST FERRER - CATCH FAN NETTING

THE CHALLENGE

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 was 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.

THE 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 remained open and safe throughout the duration of the works.

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.

THE RESULT

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. 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 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.





Ladders

Mobile Scaffolding

Work Platforms

Stairs

Ramps & Walkways

Edge Protection

Custom Solutions

Proscaf

Accessories

Aviation Access



SECTION 10 AVIATION

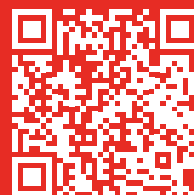
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**ASK FOR A
SAFESMART AVIATION CATALOGUE,
OR FOR MORE
INFORMATION, GO TO
www.safesmartaviation.com**

SafeSmart Aviation specialises in the design and manufacture of customised portable access platforms and hangar organisation equipment for the MRO sector. The products on the following pages are just an example of what SafeSmart's expert aviation division can do.



**HEIGHT ACCESS SOLUTIONS FOR
FIXED-WING
ROTARY AIRCRAFT
OUT NOW!**



Fixed-Wing Solutions



Height-adjustable entry door access stairs

Towable and height-adjustable access to different aircraft doors.



Nose dock

Highly configurable and height adjustable work platform for full surround nose access.



Cargo door opening stand

Wind-rated for use on the line.



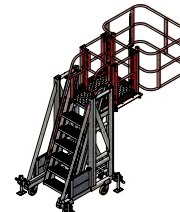
Engineer access stairs

One-person engineering access stairs with a large landing area.



Nose strut servicing stand

Weather-resistant platform that can be wheeled to the front landing gear for easy servicing.



Crown access platform

Height adjustable with a cantilevered deck to allow access to the crown (and other parts) of the aircraft.



Engineer main entry door access stairs

Mesh infill handrail panels plus extended working platform area.



Nose landing gear access platform

Nose servicing stand with removable steps and guardrails.



General purpose engineer access stairs

Various sizes for single-man access to all points of the aircraft.



Cabin access stairs

Compact stair design minimising hangar space with sliding locable handrails, for a range of applications



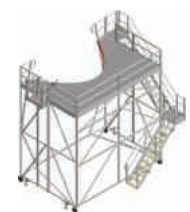
Cargo door engineering access stairs

Adjustable staircase to assist goods handlers with safe and quick "zero-gap" access to the cargo door.



Wing shield / wing dock

Height-adjustable to allow access to windshield or wing area.



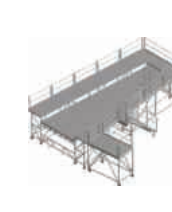
Fixed height windshield access platforms

Mobile work platform with parts hoist to safely access aircraft windscreens.



Cargo door operating stand

Guardrails slide out to allow access to the door activation handle.



Underwing mobile docking

Angled or stepped deck heights available to allow for height variations of wings.



Adjustable height windshield access platform

Height-adjustable windshield access with adjustable guardrails.



Cargo access platform

Safe and easy access to open cargo doors.



Tail dock vertical stabiliser mobile docking

Adaptable modular work platform with power and pneumatic connections at each workplace.





Ladders

Mobile Scaffolding

Work Platforms

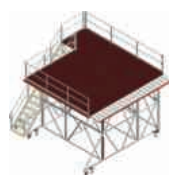
Stairs

Ramps & Walkways

Edge Protection

Custom Solutions

Proscat



Horizontal stabiliser mobile docking

Fully mobile, height-adjustable aluminum tail dock for up to 8 engineering personnel.



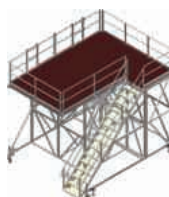
Engine undercowl access stand

Height-adjustable guardrail to create enclosed edge protection in all configurations.



Hydraulic bay access stand

Removal or sliding guardrails for configuration in various areas.



APU/GPU access platforms

Large surface area for APU and GPU work.



Height-adjustable cantilever platform

Removable hatch for access to top of wings or fuselage.



Transformer cable access

Large, sturdy work platform with perforated, slip-resistant deck.



Maintenance steps for engine inlet and exhaust access

Cantilevers right into engine to allow access to blades engine lining, and other points.



Fuselage access height adjustment platform

Adjustable height platform to access top of fuselage or main doors.



Side engine platform

Sliding upper platform and long lower platform for continuous access to entire engine.



Dual level oil check stand

Different platform levels, for inboard and outboard engines.



Pylon access platform

Large cantilever to allow access to the centre of the engine pylon.



Curved access ladders

Extended curved ladders for additional reach into engine.



Engine oil check & change platform

Ideal for engine oil checks, avionics access, under fuselage access and more.



Refuelling stand

Includes hose winch to lift fuelling hose up to re-fuelling point.



Avionics and E&E access

Multiple step configurations and guardrails for confined space edge protection.



Engine undercowl access platform

Different height platforms to suit inboard and outboard engines.



Wheel well access platform

Cantilevered to cover space over wheels and provide required access to oil and cabling points.

LEARN
MORE ABOUT
FIXED-WING
SOLUTIONS



10 Aviation Access

INTRODUCTION

HEIGHTENED HANGAR SAFETY

Our specialist division, SafeSmart Aviation, utilises the design and fabrication capabilities of SafeSmart Access to bring added safety to aircraft maintenance operators around the world, especially those who work at heights around aircraft.

With a knowledge of the MRO (Maintenance Repair and Overhaul) industry and its sectors, SafeSmart Aviation supply custom-made products that provide access to critical maintenance points via platforms, ramps and stairs that perfectly align with all aircrafts and their contours.

SafeSmart Aviation has a client list featuring many iconic operators and manufacturers, including Bombardier, Swissport, Airbus, Air Canada, United, Royal Air Force and many more.



The division also excels in the custom design and building of storage and hangar tidiness trolleys, racks and more, so that ground-based GSE isn't a tripping hazard or collision danger for technicians. With this in mind, SafeSmart Aviation are always looking for ways to make the MRO environment the safest it can be.



10 Aviation Access

CUSTOM GALLERY

"Great service and good quality products have assisted in our operations for the aircon and GPU placement on aircrafts."

— Gse & Procurement Coordinator
Dnata Airport Services

STANDALONE ENGINE ACCESS | UNITED AIRLINES



MAIN ROTOR BLADE ACCESS | BELL 412 HELICOPTER



10 Aviation Access

CUSTOM GALLERY

FULL-SURROUND DOCKING | ROYAL AUSTRALIAN AIR FORCE



ONGOING RANGE | ALL CLIENTS



10 Aviation Access

CUSTOM GALLERY

ACCESS STAIRS | NZ DEFENCE



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EDITION 3 OUT NOW!

ENGINE ACCESS PLATFORM | AIR MAURITIUS



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