

General Catalogue

Edition 15 | 2026

SafeSmart

A Better Way

UK 0845 382 1000

Height Access Solutions
www.safesmartaccess.co.uk

SafeSmart

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 in Australia, New Zealand, UK, France, Canada, 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 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

A Better Way

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.



Telarc. Registered ™
Quality ISO 9001

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 manufacture with high-quality marine grade aluminium 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

keltbray
KIER
BOUYGUES
MURPHY
SKANSKA
LEONARDO
HITACHI
Balfour Beatty
Sizewell C
The power of good for Britain
Barhale
bam
VINCI
Volker
ALSTOM
MAMMOET
BOMBARDIER
MULTIPLEX
LAING O'ROURKE

SafeSmart

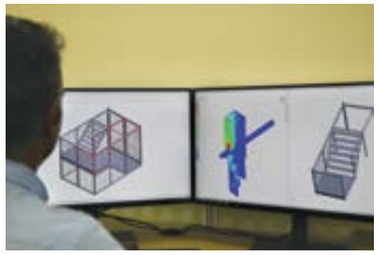
SafeSmart Project Design Solutions

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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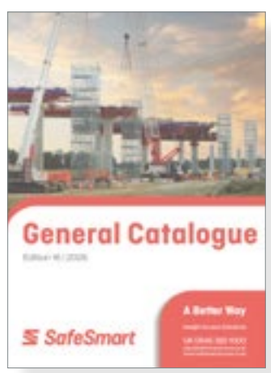


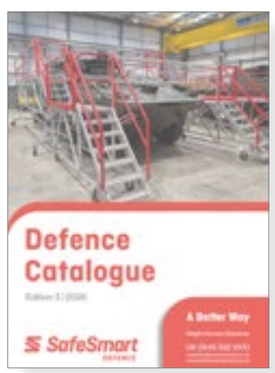
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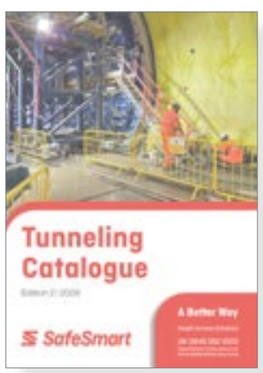
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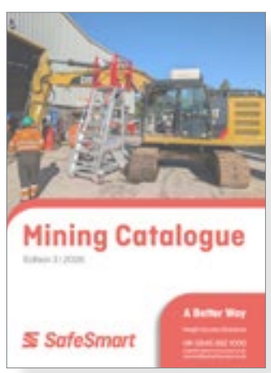
SafeSmart Online Library

Catalogues, Brochures, Videos, and More

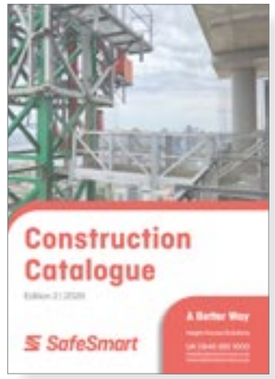


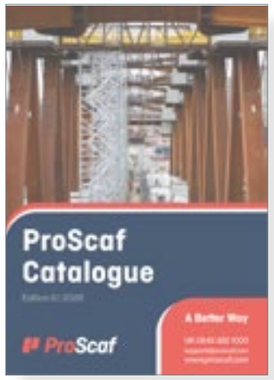


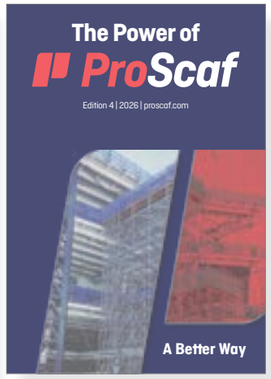


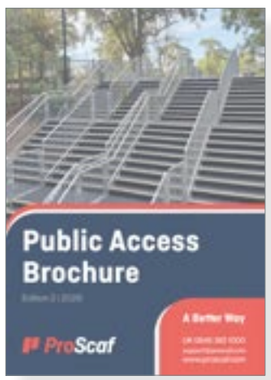


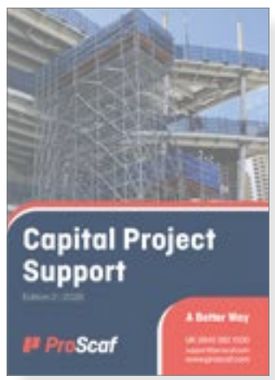






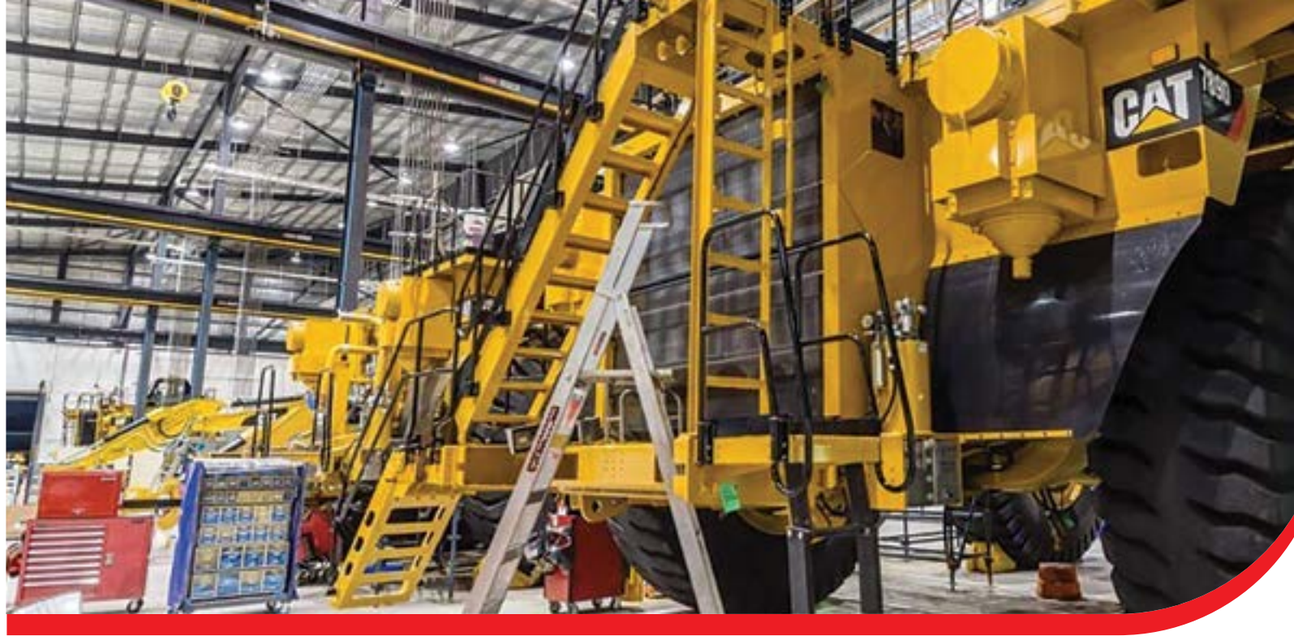












Section 01
Ladders

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Warthog Platform Ladder

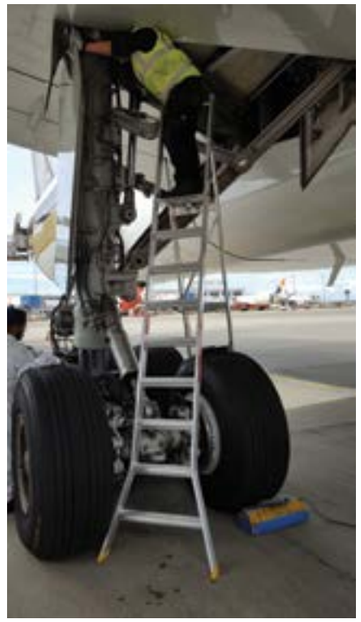
Code	Type	Size (Deck Height)
210093	2 Step	0.6m
210094	3 Step	0.9m
210095	4 Step	1.2m
210096	5 Step	1.5m
210097	6 Step	1.8m
210098	7 Step	2.1m
210099	8 Step	2.4m
210100	9 Step	2.7m
210101	10 Step	3.0m
210334	Spring Loaded Castor	
210128	Full Surround Safety Rail	

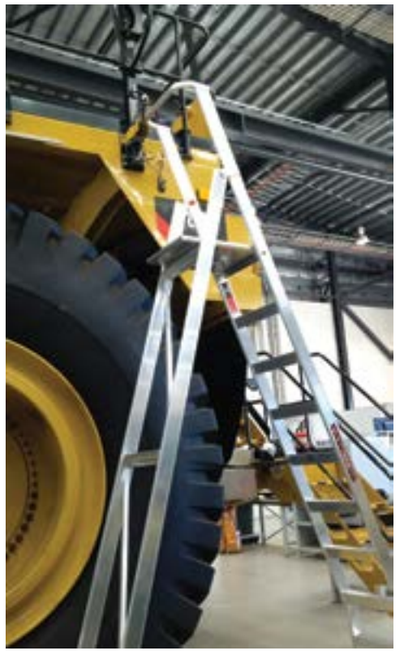
180KG
SWL

Complies with
BS EN 131

10 YEAR
Wear & Tear
Guarantee

- 10-year manufacturer's warranty.
- Fully welded box section aluminium 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.







Warthog Platform Ladder

A Closer Look



01 Ladders
Aluminium Trade Series

Code	Type	Deck Height	Weight
210300	2 Step	0.6m	9.3kg
210301	3 Step	0.9m	10.7kg
210302	4 Step	1.2m	11.8kg
210303	5 Step	1.5m	13.5kg
210304	6 Step	1.8m	16.5kg
210305	7 Step	2.1m	17.8kg
210306	8 Step	2.4m	20.2kg
210307	9 Step	2.7m	20.7kg
210410	10 Step	3.0m	24.0kg
210411	11 Step	3.3m	27.0kg
210412	12 Step	3.6m	28.0kg





Available With Full Surround Safety Rail

- Large non-slip platform surface for added safety when working at heights.
- Finger space beside platform - no pinch points.
- Central locking latch.
- Simply folds out giving a well braced platform & folds flat for storage.
- Wide, comfortable stair treads for easy access.
- Welded back brace - greater rigidity, durability & safety.
- Diagonal back brace prevents ladder twisting.
- Reinforced aluminium inserts in feet for extra strength.
- Trapezoidal treads for ultimate strength & stability.

180KG SWL | Complies with BS EN 131

Trade Series Accessories

Code	Type
210334	Spring Loaded Castor
210335	Full Surround Safety Rail
210336	Trade Series Platform Ladder Clip-On Bucket

Spring-Loaded Castor



Clip-On Bucket



Full Surround Safety Rail



- Full Surround Safety Rail creates a safer working environment for any height.
- Spring-Loaded Castors allow users to manoeuvre around workspace with ease.

01 Ladders
Fibreglass Trade Series

Code	Type	Deck Height	Weight
210310	2 Step	0.6m	10.4kg
210311	3 Step	0.9m	12.0kg
210312	4 Step	1.2m	14.7kg
210313	5 Step	1.5m	16.2kg
210314	6 Step	1.8m	18.2kg
210315	7 Step	2.1m	19.6kg
210316	8 Step	2.4m	20.2kg
210317	9 Step	2.7m	22.6kg
210413	10 Step	3.0m	27.0kg
210414	11 Step	3.3m	28.0kg
210415	12 Step	3.6m	29.0kg



Available With Full Surround Safety Rail

150KG SWL | Complies with BS EN 131

Electrically Safe Fibreglass



Aluminium AdjustaStep

Code	Type	Deck Height	Platform Size	Weight
210261	4 - 7 Step	1.15m - 2.02m	38cm x 50cm	22kg

200KG SWL | Complies with BS EN 131

- Height adjustable for working off a large scale platform at variable heights.
- Platform heights adjusted through each ladder's range in seconds.
- Set front and back stiles to varying heights for working on steps or uneven ground.
- Handrail allows for 3 points of contact.
- Large rubber feet for stable grip and hard wearing.
- Rated to 200kg for industrial applications.
- One-piece, smooth operation – simply folds flat and locks.
- Can be fitted with accessories – tool bucket and full surround handrail.



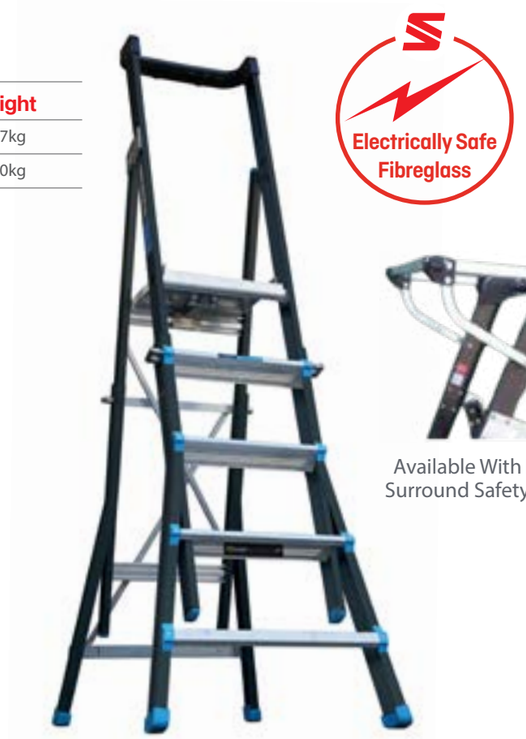
Shown With Full Surround Safety Rail (Sold Seperately)

Fibreglass AdjustaStep

Code	Type	Deck Height	Platform Size	Weight
210264	3 - 5 Step	0.83m - 1.42m	38cm x 50cm	23.7kg
210265	4 - 7 Step	1.15m - 2.02m	38cm x 50cm	30.0kg

150KG SWL | Complies with BS EN 131

- Height adjustable for working off a large scale platform at variable heights.
- Platform heights adjusted through each ladder's range in seconds.
- Set front and back stiles to varying heights for working on steps or uneven ground.
- Handrail allows for 3 points of contact.
- Large rubber feet for stable grip and hard wearing.
- Rated to 150kg for industrial applications.
- One-piece, smooth operation – simply folds flat and locks.
- Can be fitted with accessories – tool bucket and full surround handrail.



Electrically Safe Fibreglass

Available With Full Surround Safety Rail

Order Picking Ladder - Spring Wheeled

Code	Type	Platform Height	Base Width & Length
210164	3 Step	0.9m	880 x 1050mm
210165	4 Step	1.2m	880 x 1200mm
210166	5 Step	1.5m	880 x 1350mm
210167	6 Step	1.8m	880 x 1500mm

World First Folding Design

WARTHOG WELDED LADDER

- Spring wheels for easy manoeuvrability.
- Low cost & simple to use.
- Built tough for industrial use.

150kg SWL | Complies with BS EN 131 | 10 Year Wear & Tear Guarantee



Strong Box Section Safety Rail

Locking Platform For Safe Use

Rubber Anti-Slip Feet

Large 600 X 600mm Working Area

New Trapezoidal Steps

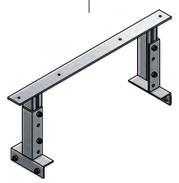
Spring Wheels For Easy Manoeuvrability

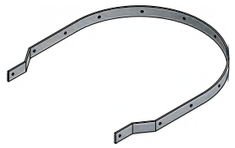
01 Ladders

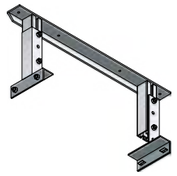
Aluminium Silo Ladder

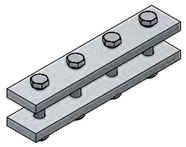
- Modular components are used to create any length ladder required.
- Design your own using ladder extrusion, hoop guardrails & fixing brackets.
- Landing platforms are available for ladders 6m+ long.
- CAD drawings available upon confirmation of ladder length & design.
- Made to order.

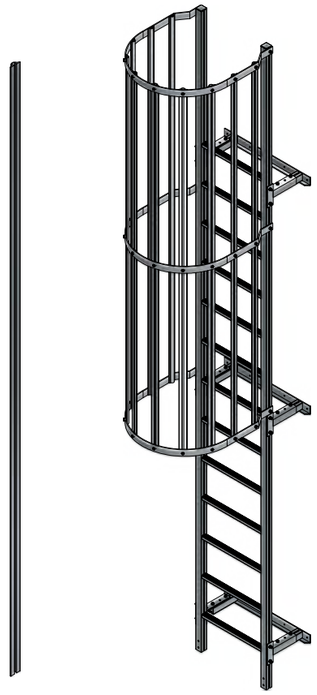
Complies with
BS EN ISO 14122











Insta-Deck Work Platform

Code	Size	Height	Width	Weight
200205	1900x780x1120mm	450-870mm	600mm	26.8kg

- Compact dimensions allow easy transportation and storage (the InstaDeck can be transported in the boot of most vehicles.
- Lightweight and simple to assemble and dismantle
- Can be accessed from either end of the platform
- Full and correct height guardrails are automatically erected at all platform height settings.
- One complete unit - no components to lose, damage or forget about when assembling.
- Multiple working heights

150KG
SWL

Complies with
BS EN ISO 14122





Section 02

Aluminium Mobile Scaffolding

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Professional Series 1.37mw	24



Aluminium Mini Mobile Scaffold

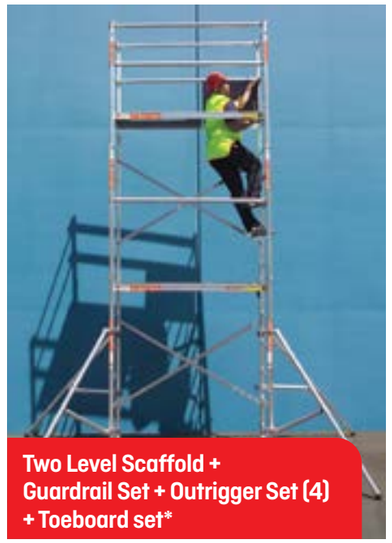
Code	Description	Max Plat. Height	Max Reach Height
210780	Standard Scaffold & Guardrail Set*	1.9m	3.9m
210781	Two level Scaffold & Guardrail Set & Outrigger Set (4) & Toeboard Set*	3.7m	5.7m
210011	Adjustable Height Castors (optional)		
210012	Toe Board Set		
HS027	Stand Off Ladder		

*Standard castors included in scaffold packs

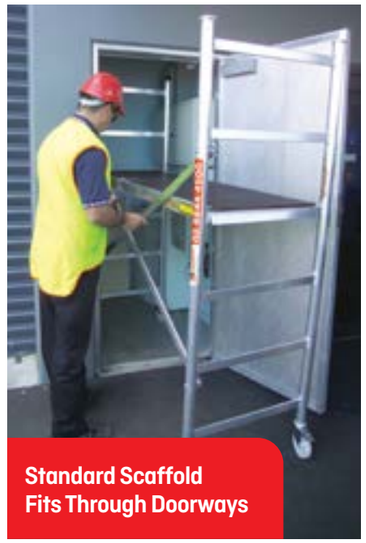
- 1700mmL x 700mmW.
- Perfect for indoor use & tight access.
- Unique channel locking platform.
- Minimal bracing required, reducing assembly time.
- Open sided for unobstructed access to hatch platform.
- Quick to erect with 1 person.



Standard Scaffold + Guardrail Set*



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



Standard Scaffold Fits Through Doorways

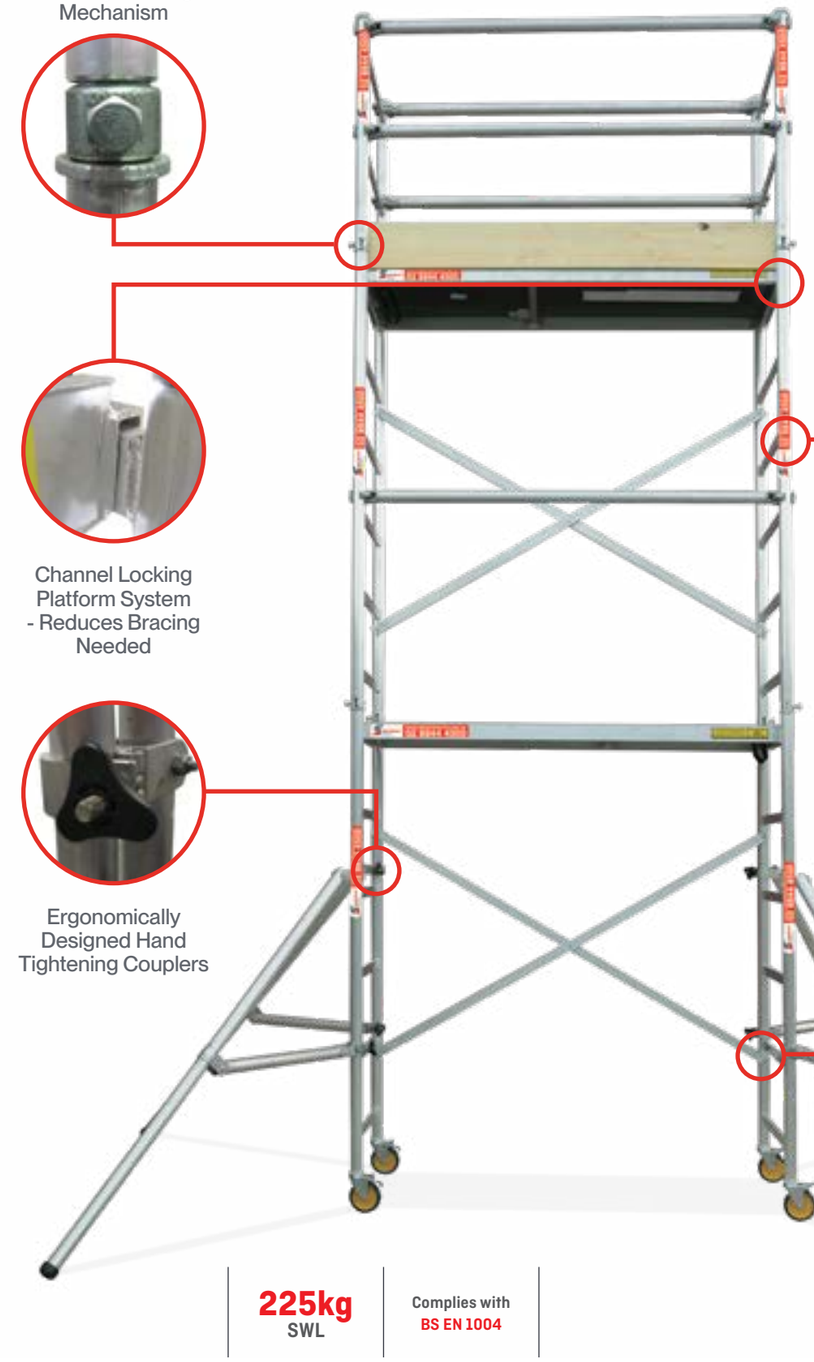
Aluminium Mini Mobile Scaffold

A Closer Look





210781 Pictured With Stand Off Ladder



Expanding Spigots For Easy Locking Mechanism

Channel Locking Platform System - Reduces Bracing Needed

Ergonomically Designed Hand Tightening Couplers

Fully Welded Frames

Simple Clip Locking Scissor Brace

225kg SWL

Complies with BS EN 1004

Mini Mobile Expansion Scaffold

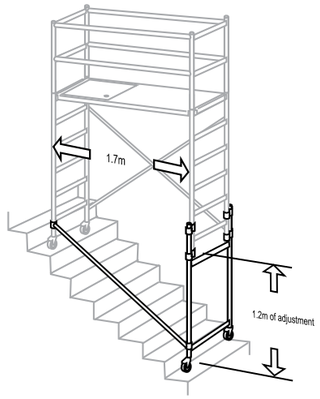
All Terrain Stair Pack

Code	Description
210015	Diagonal Brace & Adjustable End Frame

Complies with BS EN 1004

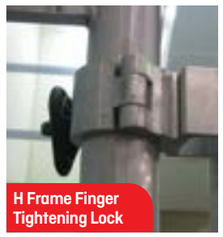
Code	Description
230233	Height Adjustable Base Jack (ea.)

- 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.



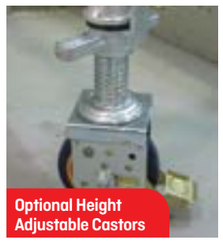





H Frame Finger Tightening Lock


Height Adjustable H Frame


Hand tightening Couplers


Optional Height Adjustable Castors

02 Aluminium Mobile Scaffolding
Mini Mobile Expansion Scaffold

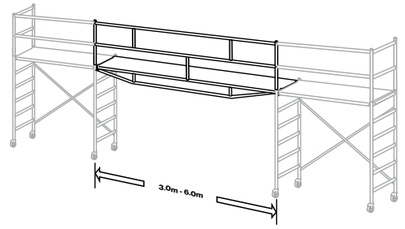
Long Board Set

Code	Description
210004	1.0m (set)
210005	2.0m (set)
210006	2.5m (set)
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 BS EN 1004

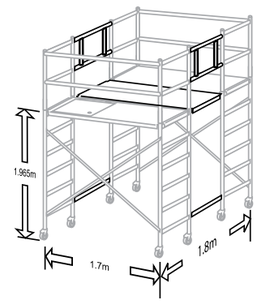


Wide Board

Code	Description	Length
210013	Wideboard & Ledgers	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 BS EN 1004



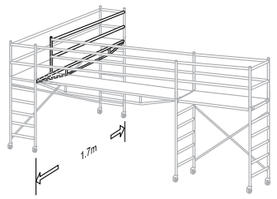


Corner Pack

Code	Description	Length
210017	Handrails & Transoms	1.7m

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

Complies with BS EN 1004





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*



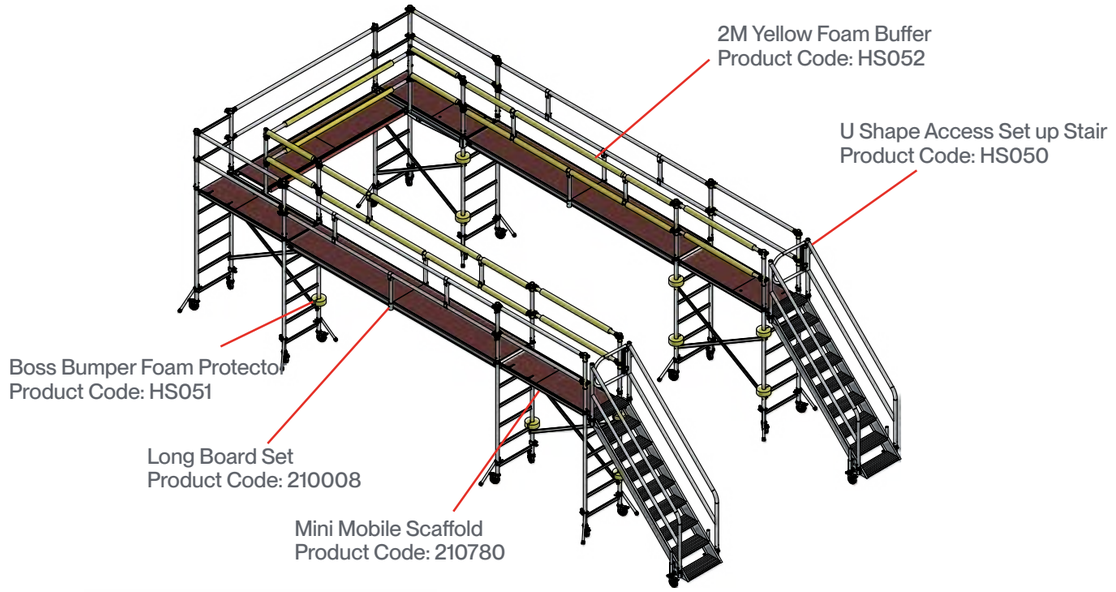
"I have used SafeSmart Ladders and Mobile Scaffolding on my last 4 projects. The crew love them! They are not only safe, but light and easy to move around, the extras that can be added are good for specific needs".

— Construction Manager.

*See U-Shaped Vehicle Access Platform pg21

U-Shaped Vehicle Access Platform *(Custom Project)*

- 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 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

Angloco - Aluminium Mini Mobile Scaffold

The Challenge

Firefighting is a demanding task and requires specialist equipment so as a world leader in manufacturing Fire Engines Angloco face many challenges. Need to install lights, ladders, cameras, foam guns on the roof requires a lot of working at height. Whilst working on the roof they need to maintain full access below to fit out the compartments. The 60 year old building is not designed for the size of kit that today's firefighters demand so there was no opportunity for luxury custom access equipment. It had to be lightweight mobile and modular. Varying sizes of engines meant interchangeable sizes was key. Working off ladders was the way it had always been done but insurance is no longer valid without the correct equipment to eliminate falls from height.

The Solution

Mini Mobile with varying long board and corner kits, extensions and height options gave perfect versatility. It's lightweight design, durable aluminium construction, locking castor wheels, and adjustability, without the need for pasma training, made it an obvious solution.

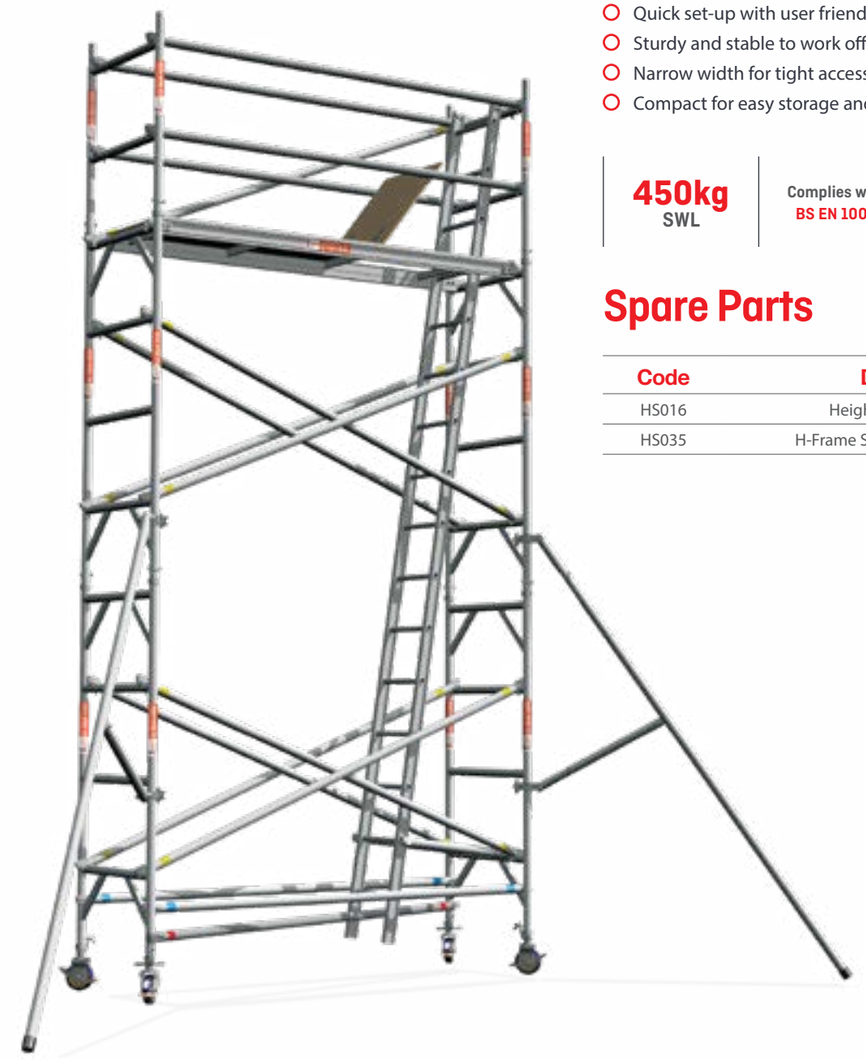


The Result

Full wrap of the cab for any size of machine and compact design fitting into their tight building. Multiple options of custom length long boards perfectly wrapped the vehicles giving clear space in the areas they needed to work whilst sitting snug to eliminate any falls from eight. The speed of the set up keeps them on track and the stability and clear space on the platforms allows multiple operatives to complete the installation in half the time. An all around winner with improved safety and reducing build times.

02 Aluminium Mobile Scaffolding
Professional Series - 0.8m Wide

Code	Description	Platform Height	Reach Height	Length
210027	Single Level including Guardrail Set	2.0m	4.0m	2.4m
210028	Single Level including Guardrail Set	2.0m	4.0m	3.0m
210029	Single Level including Guardrail Set & 2 Outriggers	3.0m	5.0m	2.4m
210030	Single Level including Guardrail Set & 2 Outriggers	3.0m	5.0m	3.0m
210031	Single Level including Guardrail Set & 2 Outriggers	4.0m	6.0m	2.4m
210032	Single Level including Guardrail Set & 2 Outriggers	4.0m	6.0m	3.0m
210033	Single Level including Guardrail Set & 2 Outriggers	5.0m	7.0m	2.4m
210034	Single Level including Guardrail Set & 2 Outriggers	5.0m	7.0m	3.0m



- Extra robust thick aluminium.
- Quick set-up with user friendly bracing.
- Sturdy and stable to work off.
- Narrow width for tight access and indoor use.
- Compact for easy storage and transport.

450kg SWL | Complies with **BS EN 1004** | **3.35MM** Wall Thickness Aluminium Frames

Spare Parts

Code	Description
HS016	Height Adjustable Castor
HS035	H-Frame Scaffold Tower Outrigger





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.

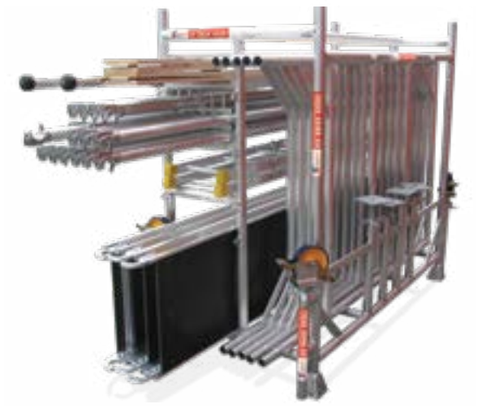
450kg SWL

Complies with **BS EN 1004**

3.35MM Wall Thickness Aluminium 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.





Section 03
Mobile Work Platforms

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SafeSmart Signature Series Super Maintenance Platform

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
210193	3300mm	1000 x 1000mm	12 Step
210194	3600mm	1000 x 1000mm	13 Step

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

225kg SWL | Complies with **BS EN 131** | **5 Year** Warranty



Perfect for Plant Maintenance

Super Maintenance Platform

A Closer Look



Super Maintenance Platform Accessories

Batwing Gates

Code	Description	Type
210770	Batwing Gates 800mmW	2 - 6 Step
210771	Batwing Gates 1000mmW	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.

Full Height Gates

Code	Description	Type
200512	Full Height Gates 800mmW	2 - 6 Step
200513	Full Height Gates 1000mmW	7 - 14 Step



- Self Closing Full Height Saloon Gates at the entrance to 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.

Swing Gate

Code	Description	Type
200520	Single Swing Gate 800mmW	2 - 6 Step
200521	Single Swing Gate 1000mmW	7 - 14 Step



- Self Closing Swing Gate at the entrance to 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.

Retrofit Side Entry Gate

Code	Description
220121	0.8m Retrofit LH Side Entry Gate Set
220122	0.8m Retrofit RH Side Entry Gate Set
220119	1.0m Retrofit LH Side Entry Gate Set
220120	1.0m Retrofit RH Side Entry Gate Set

- 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.

SafeSmart Signature Series Super Service Stand

Code	Platform Height	Platform Size	Steps
210149	550mm	800mmL x 900mmW	2 Step
210150	825mm	800mmL x 900mmW	3 Step
210151	1100mm	800mmL x 900mmW	4 Step
210152	1350mm	800mmL x 900mmW	5 Step
	Guardrails Sold Seperately		
210153	Super Service Stand Guardrail Set with Self-actuating Batwing entry/exit - Pair		2-5 Step

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

225kg SWL | Complies with **BS EN 131** | **5 Year** Warranty









Platform shown without handrails



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

Super Service Stand

A Closer Look



Quick-Release Handrails



Raised And Swaged 4mm Anti-Slip Plate Platform



Handrails For Manoueuvrability



Ultra-Wide Step Treads



Heavy-Duty Box Aluminium Frame

SafeSmart Signature Series Cantilever Platform

Code	Platform Height	Platform Size	Steps
210756	565mm	800 x 1800mm	2 Step
210757	850mm	800 x 1800mm	3 Step
210758	1130mm	800 x 1800mm	4 Step
210759	1400mm	800 x 1800mm	5 Step
210778	1700mm	800 x 1800mm	6 Step
210761	1970mm	1000 x 2000mm	7 Step
210762	2250mm	1000 x 2000mm	8 Step
210763	2540mm	1000 x 2000mm	9 Step
210764	2828mm	1000 x 2000mm	10 Step
210765	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 aluminium frame.

225kg SWL | Complies with **BS EN ISO 14122** | **5 Year** Warranty





Custom Cantilever Platforms Also Available



CLEARANCE FOR CANTILEVER PLATFORMS

Cantilever Platform

A Closer Look



Stair Access Option Also Available



INDUSTRY STORY

Finning CAT - Easy Raise / Ultra Raise

The Challenge

Finning CAT required a safer and more efficient access solution for maintaining a wide variety of heavy plant machinery. Existing fixed-height platforms and custom scaffold towers created inefficiencies, as teams frequently moved equipment between workshop bays to suit different machine sizes and types, as well as having ongoing inspection requirements and long-term maintenance costs. Following a successful implementation at one site, Finning identified the need for a more adaptable solution across multiple locations.

The Solution

SafeSmart supplied EasyRaise and UltraRaise platform systems as a flexible, height-adjustable alternative. The platforms allowed operatives to quickly adapt to different machinery without moving between bays, improving workshop efficiency and eliminating the need for scaffold. Following the success of the initial installation, the solution was rolled out across multiple Finning CAT sites in the UK and internationally.

The Result

The EasyRaise and UltraRaise systems delivered improved flexibility, efficiency, and long-term cost savings across Finning CAT's operations. By replacing fixed-height platforms and scaffold structures with adjustable systems, teams were able to work more effectively across a wider range of machinery. The scalable solution helped standardise safer and more efficient access systems across multiple facilities worldwide

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, SWL rating & serial number certification plate.
- Built tough with 82 x 50mm marine grade aluminium 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.



45 Degree Stair Access

225kg SWL | Complies with **BS 2037:1994** | Complies with **BS EN 131**





SafeSmart Signature Series EasyRaise

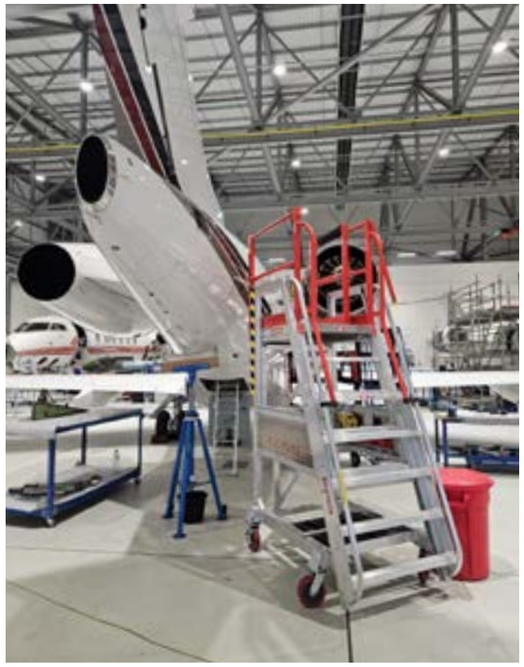
Code	Description	Platform Height
210766	4 - 8 Step	1.2m - 2.4m
210767	5 - 10 Step	1.4m - 2.8m
210768	6 - 12 Step	1.7m - 3.4m
210769	7 - 14 Step	2.0m - 3.95m
210103	EasyRaise Retrofit Forklift Channel Set of 2	
210104	EasyRaise Retro-Fit Jacking Leg Attachment Bracket (ea)	
210770	Batwing Gates 800mm to Suit EasyRaise	
200699	EasyRaise Foam Filled Castor Retrofit	

*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 SWL

Complies with BS EN ISO 14122







One Platform - Doubles In Height



EasyRaise 4-8 Step Platform



EasyRaise 4-8 Step Platform
6 Step Height Adjustment



EasyRaise 4-8 Step Platform
8 Step Height Adjustment

EasyRaise

A Closer Look



SafeSmart Signature Series
UltraRaise

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 (ea side)

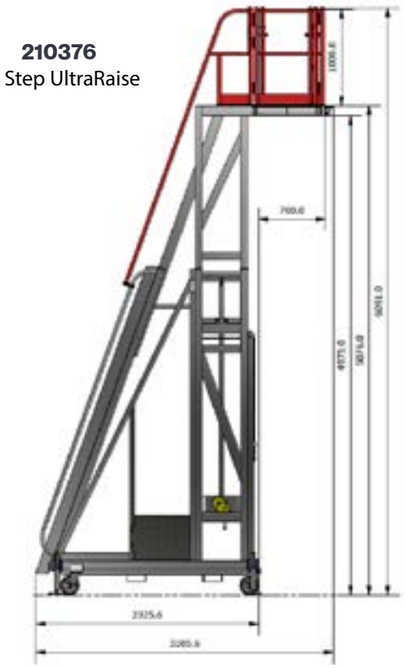
- Platform height and bridge lengths are customisable.
- Massive height adjustment range!
- Compact and mobile for easy deployment and use in tight workshops.
- 700mm clear cantilever regardless of the height it is set at.
- Height adjustable platform with a manual winch.
- 3 access directions off the 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.



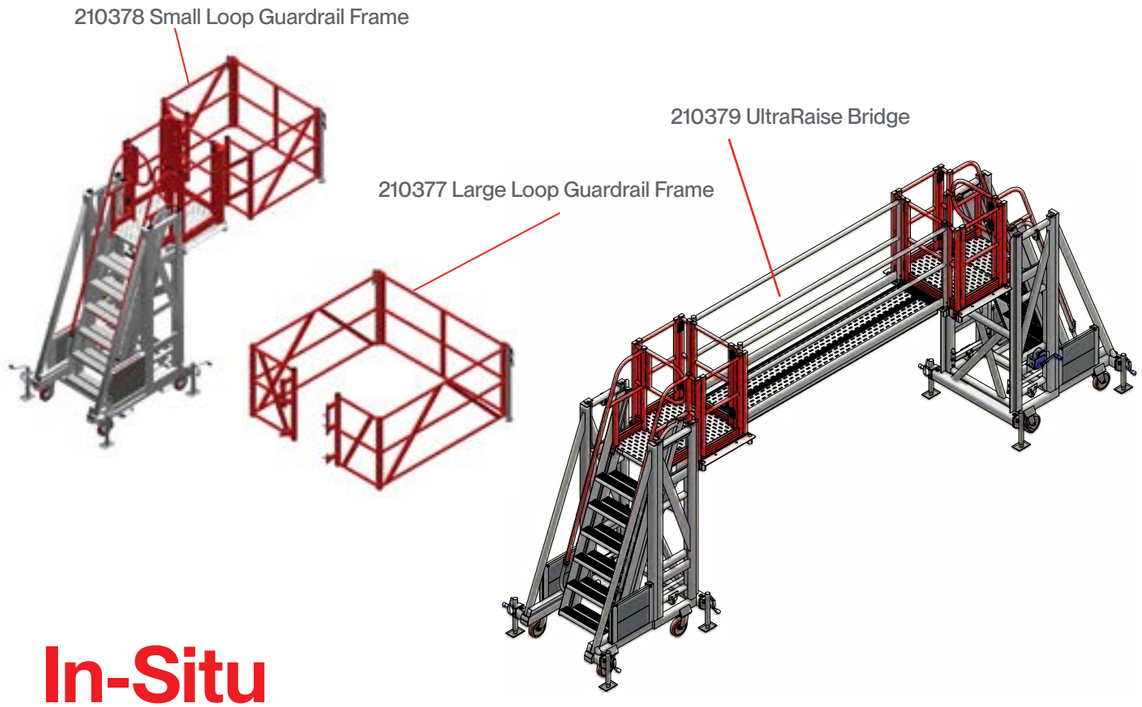
210375
7 Step UltraRaise



210376
10 Step UltraRaise



UltraRaise
Accessories & Gallery



In-Situ





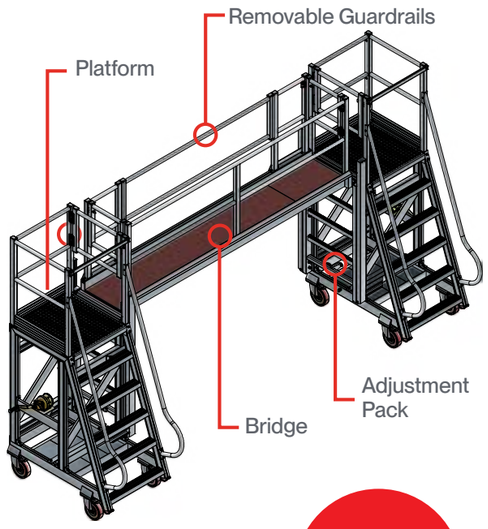


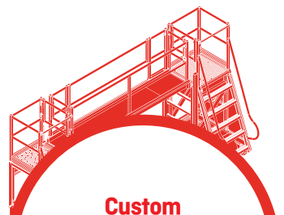
SafeSmart Signature Series BridgeDeck

Code	Description	Max Height
210465	BridgeDeck 6 Step Base Platform (LH Access)	1700mm
210466	BridgeDeck 6 Step Base Platform (RH Access)	1700mm
103165	BridgeDeck 7 Step Base Platform (LH Access)	1970mm
103168	BridgeDeck 7 Step Base Platform (RH Access)	1970mm
210267	BridgeDeck 9 Step Base Platform (LH Access)	2540mm
210268	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
210473	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
BS EN ISO 14122



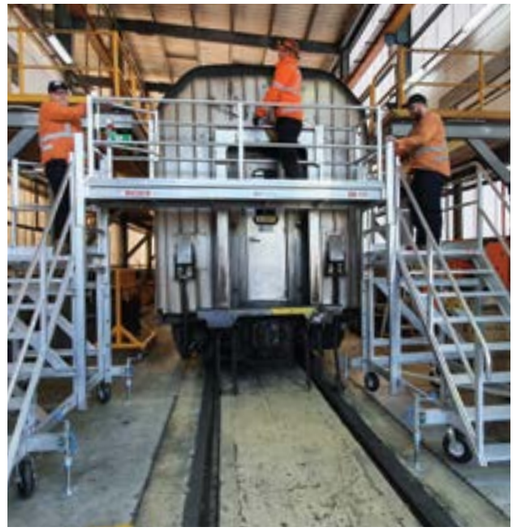


Custom Configurations & Sizes Also Available









Customise Your BridgeDeck

Step 1: Choose Your Platform



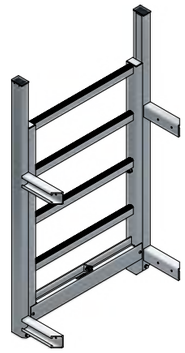
BridgeDeck 6 Step Base Platform



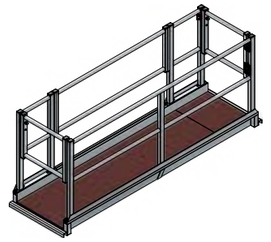
BridgeDeck 9 Step Base Platform

Step 2: Choose Your Height Adjustment Pack

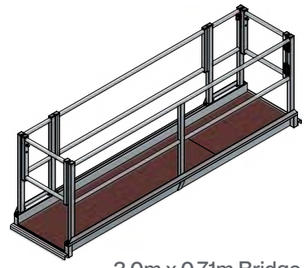
900mm height adjustment packs can be used on both the 6 and 9 step BridgeDeck platforms, 1200mm packs can be used with the 9 step platforms only.



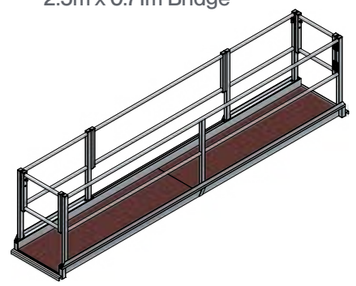
Step 3: Choose Your Bridge Length



2.5m x 0.71m Bridge



3.0m x 0.71m Bridge



4.2m x 0.71m Bridge

SCAN CODE TO VIEW VIDEO

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 SWL

Complies with BS 2037:1994





BS8620 Podium Platform

Code	Platform Height	Platform Size
BS8620-07	0.75m	0.6m x 0.6m
BS8620-1	1.0m	0.6m x 0.6m
BS8620-12	1.2m	0.6m x 0.6m
BS8620-15	1.5m	0.6m x 0.6m
BS8620-17	1.7m	0.6m x 0.6m
BS8620-20	2.0m	0.6m x 0.6m

- High Grade Aluminium construction
- Lightweight for manoeuvrability
- Folds up compactly
- Two height settings
- Can be fitted with anti-surf feet

150kg SWL



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 905mm.
- 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
SWL

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



210213
Black EPDM Rubber Mat



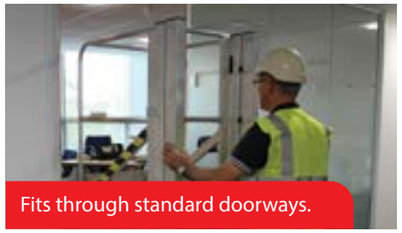
210214
Handrail & Gate Insulation Tubing

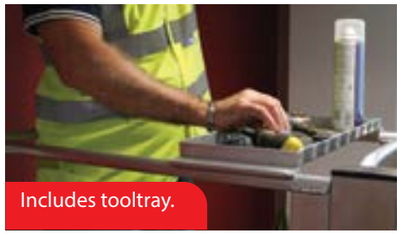


210215
Electrical Insulation Kit









DeskSurfer Maxi

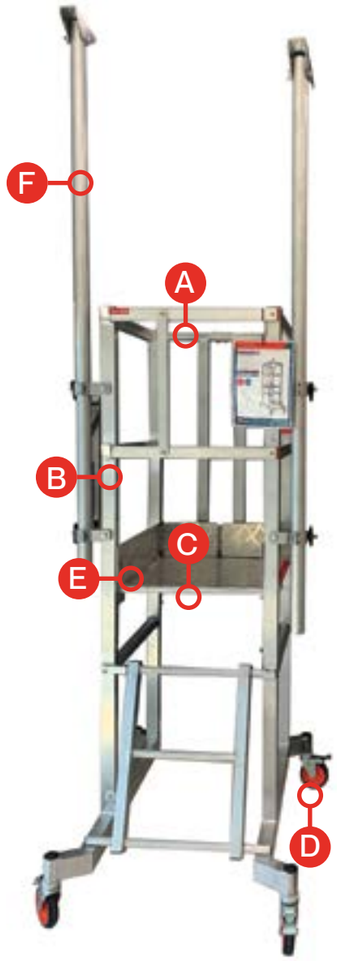


03 Work Platforms
Balcony Work Platform

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

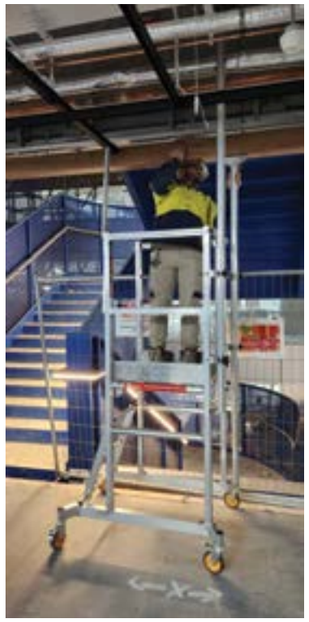
Code	Description
A	Safety bar
B	Welded surround handrails
C	Anti-slip deck
D	Heavy-duty castors
E	Safety Toeboard
F	Ceiling Props



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

225kg SWL

Complies with BS EN 131





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

— Amalgamated Group.

SCAN CODE TO VIEW VIDEO



Section 04
Truck Access

SafeLoader	48
SafeLoader Accessories	50
Aluminium Edge Protection Panel	52
TruckSafe Podium	54
Stair Access TruckSafe	56
Truck AdjustaStairs	56



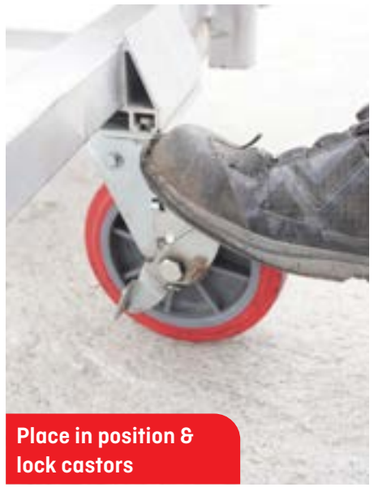
SafeSmart Signature Series
SafeLoader

Code	Platform Dimensions - Description
210694	0.7mW x 1.4mH x 2.0mL Platform, Stairs one end
210695	0.7mW x 1.4mH x 4.0mL Platform, Stairs one end
210696	0.7mW x 1.4mH x 6.0mL Platform, Stairs one end

Code	Platform Dimensions - Description
210983	1.1mW x 1.4mH x 2.0mL Platform, Stairs one end
210984	1.1mW x 1.4mH x 4.0mL Platform, Stairs one end
210985	1.1mW x 1.4mH x 6.0mL Platform, Stairs one end

- Comes standard with crane lifting points.
- Bolt-on forklifting channels available (ref. pg 50).
- Fully cross braced aluminium frame for a rigid platform.
- Self-closing gate at entrance to 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.

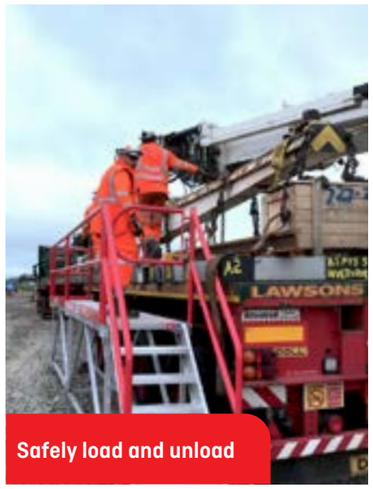
2.0mL	4.0 mL & 6.0 mL	Complies with
500kg SWL	**1000kg** SWL	BS EN 1004:2004



Place in position & lock castors



Enter through the gate and onto the deck



Safely load and unload

SafeLoader

A Closer Look



SafeLoader Accessories

SafeLoader Castors & Adjustable Jacks

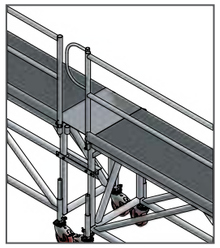
Code	Description
200699	SafeLoader Foam Filled Castor Retrofit
210500	SafeLoader Jacking Leg 1300kg 0-250mm



- 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 500mm





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

Retrofit Fork Sleeves

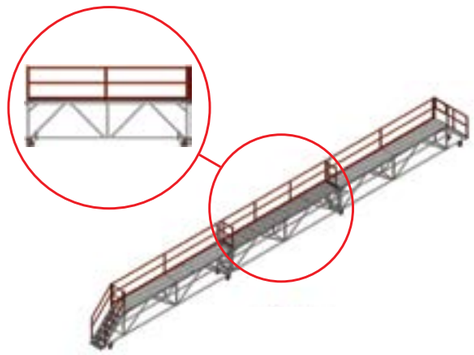
Code	Description
210697	Retrofit Fork Sleeves



- 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.

Need a Custom Platform? Get In Touch!



INDUSTRY STORY

Dent Steel - SafeLoader

The Challenge

Dent Steel's loading operations involved staff climbing onto flatbed trucks that stood at an industry-standard of 1.5 metres. Without sufficient edge protection, workers faced considerable risks of falling while navigating flat beds. A fall from this height could result in severe injuries, and the need for a solution that emphasized safety and compliance was urgent.

The Solution

SafeSmart responded by designing and delivering custom SafeLoaders tailored to Dent Steel's slightly smaller than usual loading bays. The SafeLoaders offered an easy and safe way for staff to access and work on flatbeds, eliminating the need to climb unsafely onto trucks.
The SafeLoader also came equipped with comprehensive edge protection, significantly reducing the risk of falls while workers loaded and unloaded materials from the flatbeds. With a few simple steps, staff could now safely step on and off the trucks, all while complying with industry standards for working at height.

The Result

Since implementing SafeSmart's SafeLoaders, Dent Steel has seen immediate improvements. Not only has loading and unloading become considerably faster, but the company has also reported zero fall-related accidents from flatbeds. The SafeLoaders have ensured that all height access and safety compliance boxes are ticked, giving Dent Steel peace of mind that their workers are protected.

At Dent Steel, the commitment to creating a safe and efficient workplace is clear. By placing a strong emphasis on the welfare of their team and pursuing innovative solutions, they have set a benchmark for best practices in truck loading operations. Together, we've proven that safety and efficiency go hand in hand.

Aluminium Edge Protection Panel

Code	Description	Width	Height
200138	Aluminium Truck Edge Protection Panel 3.0mW x 3.0mH Post	3.0m	3.0m
200645	Truck Edge Protection Aluminium Tube 48mm x 3.0m	3.0m	
210280	Truck Edge Protection Alloy Post Truss Extension		1.0m

1.5, 3mL Panels Available

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

Complies with BS EN 13374



Simply couples around tie rail and back to bracket





Easy Roll Locking Castors

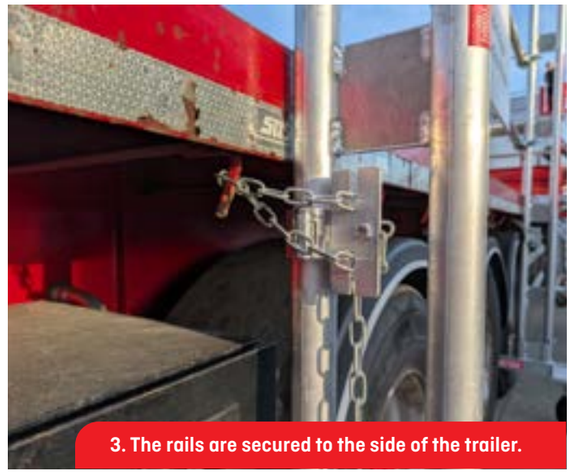


Panels can be joined for Continuous protection





1. Mobile handrail system sits at the delivery area on site.



3. The rails are secured to the side of the trailer.



2. The handrail system is wheeled alongside the trailer..



4. Access Platform is placed on the trailer of the truck for access.



5. Workers can work on the trailer of the truck with easy access and fall protection.

TruckSafe Podium

Code	Platform Height	Type
210195	1330mm	4 Step
210196	1400mm	5 Step

- Provides access and edge protection to rear of truck
- Built tough with 82x 50mm marine grade aluminium RHS
- Various configurations with options for single gate, salon gates, batwings
- Anti-slip rubber feet
- Foam filled tyres
- Solid non-slip treads

225kg SWL

Complies with BS EN 1004:2004







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

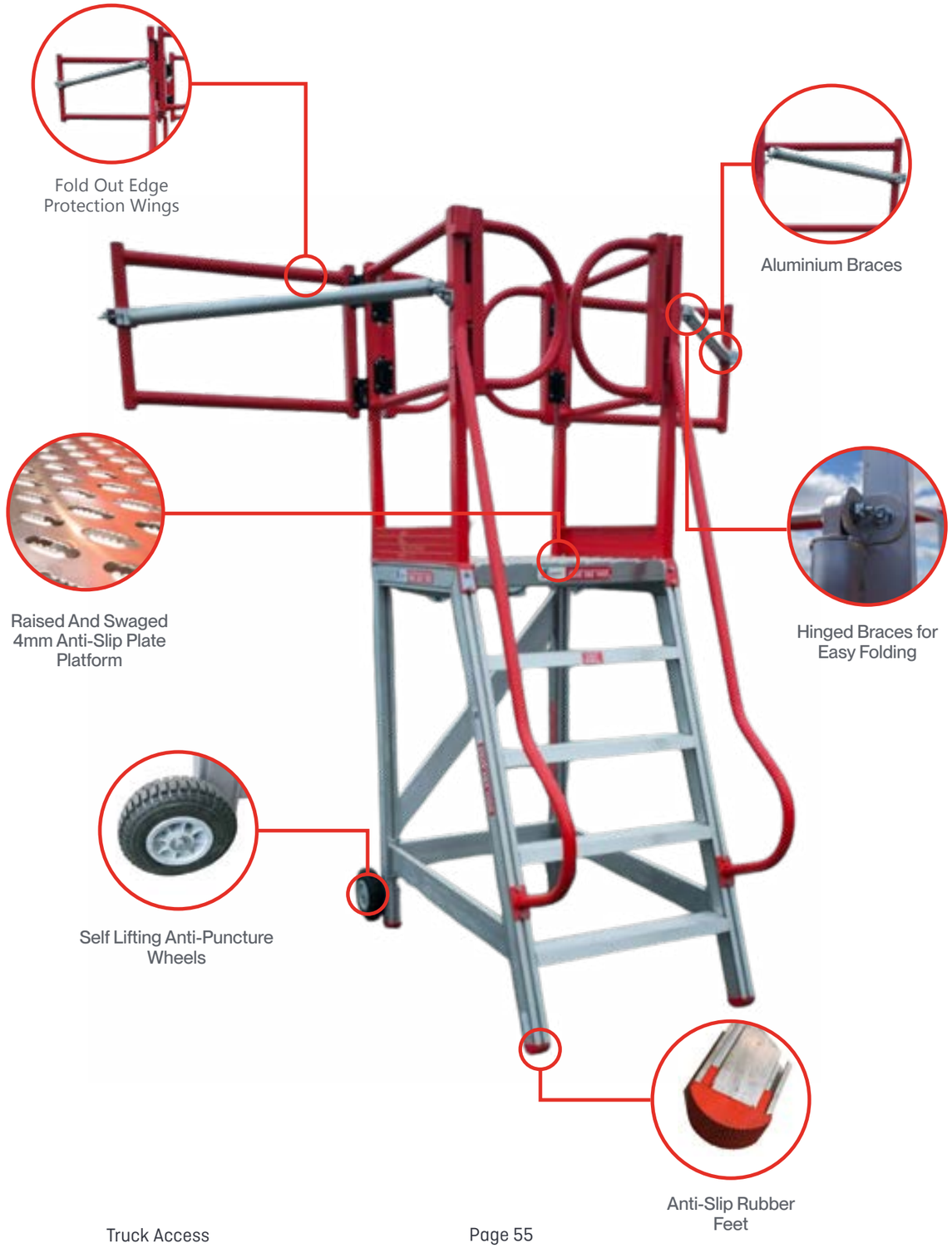
- Provides extra edge protection beside the platform entrance.
- Folds against side of platform for ease of storage.



TruckSafe Podium

A Closer Look

SCAN CODE TO VIEW VIDEO



Stair Access TruckSafe Podium

Type	Platform Height
5 Step	1150mm
6 Step	1350mm
7 Step	1575mm

225kg SWL | Complies with **BS 2037:1994** | Complies with **BS EN 131**

- Provides access and edge protection to rear of truck
- Built tough with marine grade aluminium
- Various configurations with options for single gate, salon gates, batwings
- Solid non-slip treads



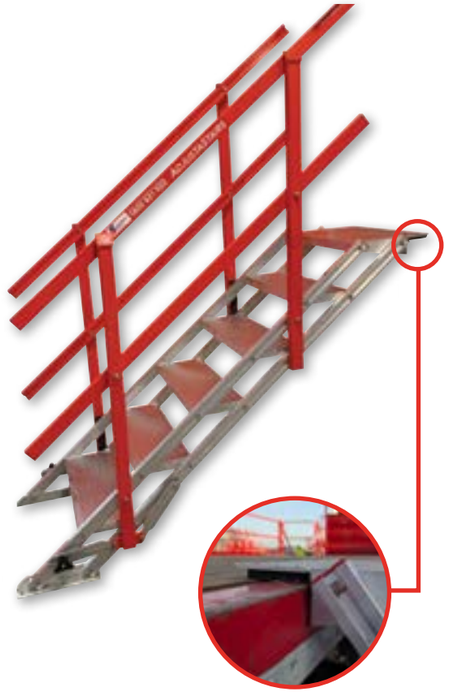
TruckStair for Flatbed Trailers

Code	Height Range	Lying Length	Weight
210294	0.97m - 1.33m	1.8m	41kg

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

2.5kPa SWL | Complies with **BS EN 12811-1**







Section 05
Stairs

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AdjustaStairs Models Available

"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, NI1 Construction

600mmW Aluminium (3-21 Steps)

Code	Steps	Height Range	Lying Length	Weight
210290	3	0.49m - 0.67m	0.8m	27kg
210291	6	0.97m - 1.33m	1.8m	41kg
210292	9	1.43m - 2.0m	2.7m	57kg
210293	12	1.91m - 2.67m	3.7m	74kg
210295	15	2.39m - 3.33m^	4.8m	102kg
210296	18	2.87m - 4.0m^	5.4m	119kg
210297	21	3.3m - 4.6m^	6.2m	138kg



2.5kPa
SWL

^Stairs include trussed stringer.

1200mmW Aluminium (3-18 Steps)

Code	Steps	Height Range	Lying Length	Weight
210821	3	0.49m - 0.67m	0.8m	37kg
210822	6	0.97m - 1.33m	1.8m	59kg
210823	9	1.43m - 2.0m	2.7m	84kg
210824	12	1.91m - 2.67m^	3.7m	108kg
210825	15	2.39m - 3.33m^	4.8m	153kg
210826	18	2.87m - 4.0m^	5.4m	168kg



2.5kPa
SWL

^Stairs include trussed stringer.

600mmW Fibreglass

Code	Steps	Height Range	Lying Length	Weight
210742	6	0.94M - 1.3M	1.8m	35kg



150kg
SWL

*Lifting Lugs included
- Stair tread and handrails meet the loading requirements of BS EN 12811-1.
- Stairs can be configured to meet respective geometry requirements BS EN 12811-1.
- Suggested height range of stairs listed allows for an angle of stairway slope of between 25 – 50 degrees
- Stairs with a slope greater than 50 degrees may not be in compliance with BS EN 12811-1.

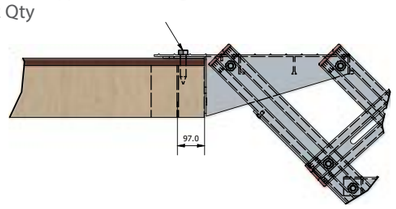
SCAN CODE TO VIEW ADJUSTASTAIRS VIDEO

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.

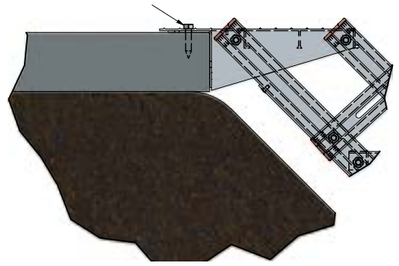
Timber Fixing - Top Step

Hex washer Type 17 (14 Gauge) x 50mm Screw
Min. 2 Qty

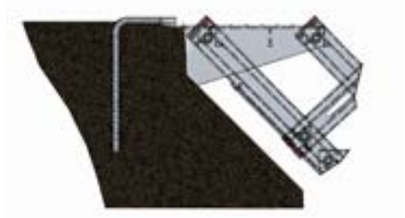


Concrete Fixing

Ø 10 x 50mm Concrete Anchor Screw
Min. 2 Qty.
Min. Concrete strength 25MPa

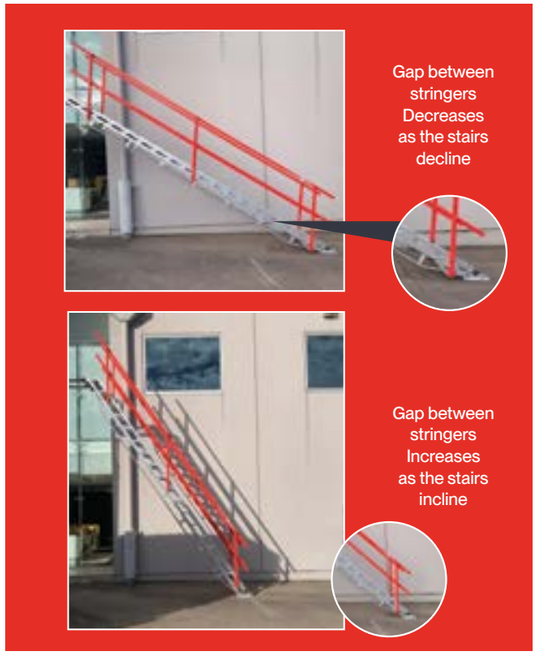


Excavation Fixing

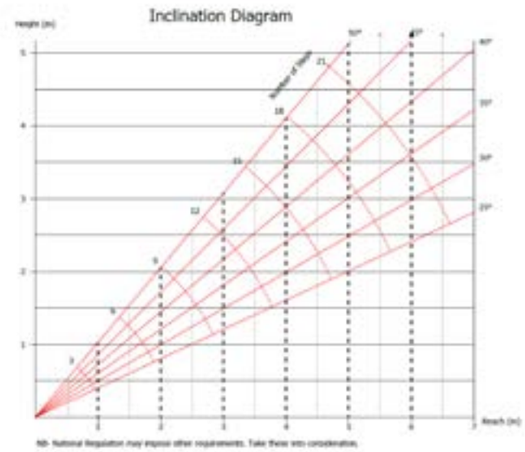


Scaffold Connection - Top Step





AdjustaStairs Inclination Diagram



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

- 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.





Lifting Lugs

Code	Description
210838	Lifting Lugs (Set of 4)

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



Scaffold Mount Hook

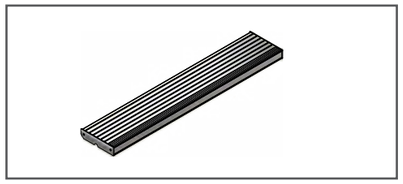
Code	Description
210819	Scaffold Mount Hook (600mmW)
210946	Scaffold Mount Hook (1200mmW)

- 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



AdjustaStairs Accessories

D Handrail Extension

Code	Description
100145	AdjustaStairs D-Handrail Extensions

- Eliminate any risk of gaps or exposed areas
- Increase safety of operatives on the top stair

AdjustaRails

Code	Description
108260	AdjustaRail 1.0m Handrail Extension with Post for AdjustaStairs - Per Each
119640	AdjustaRail for joining AdjustaStairs Up and Over Range 1100mm - 2000mm 2 Pairs (4no)
210929	AdjustaRail for joining AdjustaStairs Up and Over Range 800mm -1500mm Pair (2no)







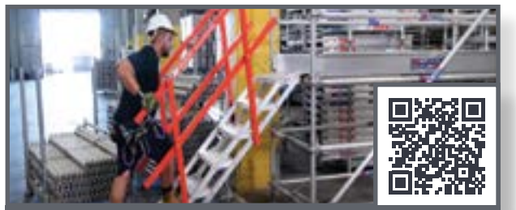


AdjustaStairs Videos











INDUSTRY STORY

White City - AdjustaStairs For Slipform Access

The Challenge

Slipform projects often present unique access challenges, with ladders and scaffolding traditionally relied upon to navigate complex worksites. On the White City project, the team sought a safer and more efficient alternative that could better support the demanding slipform environment. A key priority was eliminating ladders altogether while still providing secure access inside the structures and maintaining steady project progress.



The Solution

To meet the project's specific requirements, AdjustaStairs and custom landing platforms were selected as the preferred access solution. Designed to provide stable and reliable movement within slipform structures, the system enabled crews to work safely and efficiently throughout the construction process. Although the team had not previously used AdjustaStairs, they were familiar with the product's reputation and confident it would deliver the flexibility and performance required for the project formwork and into the tank cavity.

The Result

The implementation of AdjustaStairs and custom landing solutions allowed STATOM Group Ltd and Slipform Technology to significantly improve site access while eliminating the need for traditional ladders and scaffolding. The adjustable and adaptable design ensured safe movement within the slipform structures, helping crews maintain workflow efficiency and minimise disruption. As work continues on the White City project, AdjustaStairs continue to provide a safe, reliable, and effective access solution that keeps construction progressing smoothly.

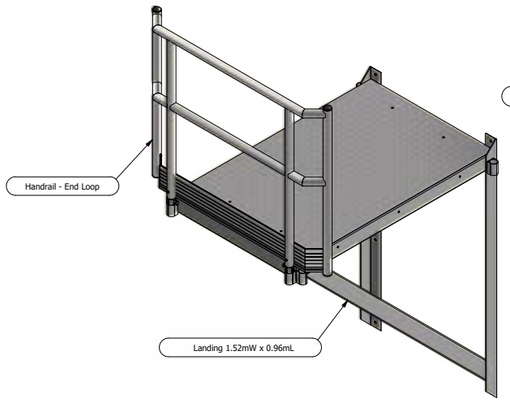
AdjustaStairs Landings & Add-Ons

Hanging Landing

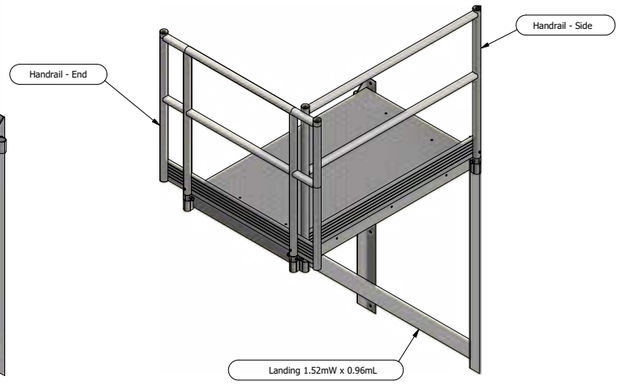
Code	Description
110002	AdjustaStairs Hanging landing - Single Width - 0.96mW x 0.96mL with wall braces
210278	AdjustaStairs Hanging Landing - Double Width - 1.52mW x 0.96mL with wall braces
210919	AdjustaStairs Hanging Landing End Loop Handrail - suits 1200mmW configuration
210920	AdjustaStairs Hanging 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
210925	1mH Mid Landing with 1.4mH Guardrail
210926	2mH Mid Landing with 1.4mH Guardrail
210927	3mH Mid Landing with 1.4mH Guardrail
210928	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.





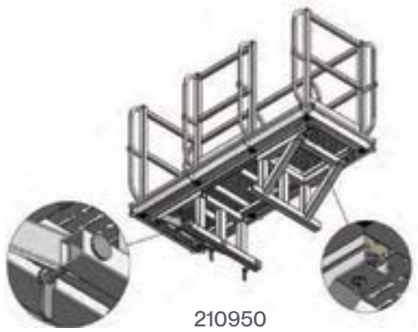


AdjustaStairs Landings & Add-Ons

Wall Top Landing

Code	Description	Clamping Range	Weight	Platform Size
210950	AdjustaStair Wall Top Landing Single Width - Multidirectional	100mm - 895mm	171kg	2290mm x 830mm
210954	AdjustaStair Wall Top Landing Single Width - Standard	31mm - 831mm	118kg	1425mm x 780mm

- Custom sizes are available for double width AdjustaStai



210950
AdjustaStair Wall Top Landing Single Width - Multidirectional



210950
AdjustaStair Wall Top Landing Single Width - Standard



Embankment Landing

Code	Platform Height
210940	AdjustaStair Mid Landing Single Width Embankment Version
210942	AdjustaStair Mid Landing Double Width Embankment Version

- AdjustaStairs Embankment Landing System is available in both single and double width versions.
- Custom sizes are available.





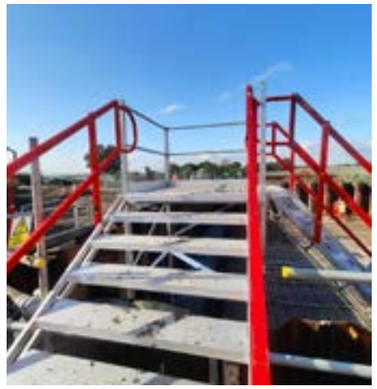


INDUSTRY STORY

BAM - AdjustaStairs

The Challenge

BAM required a safe and compliant access solution for River Roding works within a cofferdam environment. Access into the excavation presented several challenges, including navigating over sheet piles while maintaining safe movement for operatives and emergency stretcher access. Traditional ladder access was not suitable for the demanding site conditions, and the project required a proprietary stair solution that could provide stable, double-width access while adapting to the changing levels within the cofferdam. Cofferdam environments are particularly complex due to restricted working areas, steep level changes, and challenging ground conditions.



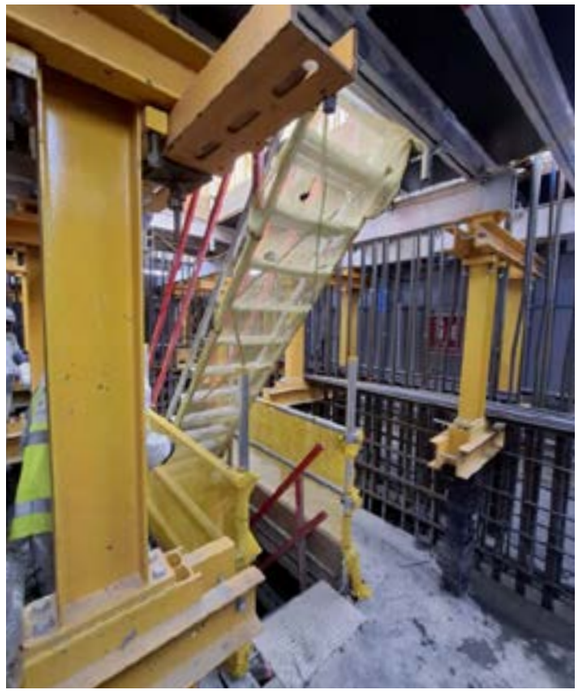
The Solution

SafeSmart supplied a modular AdjustaStairs system with integrated mid landings to create a safe and efficient access route over the sheet piles and down into the cofferdam. The double-width stair configuration provided stretcher-compliant access, improving both operational safety and emergency preparedness on site.
The AdjustaStairs system was selected for its adjustable design, allowing the stairs and landings to adapt to varying site levels while maintaining secure footing and safe transitions between access points. The inclusion of mid landings improved movement within the confined environment and created a stable access path for operatives working within the excavation. The lightweight modular design also enabled quick installation with minimal disruption to ongoing works.

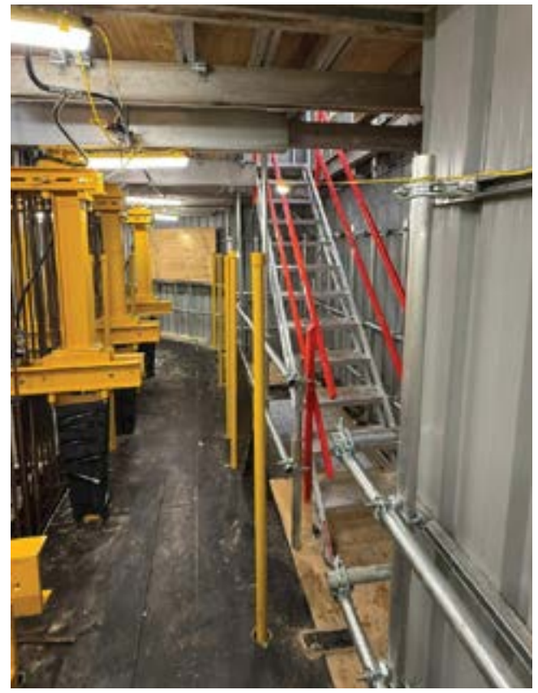
The Result

The AdjustaStairs with mid landings provided BAM with a safer and more efficient alternative to traditional access methods for the River Roding works. The modular system improved site access into the cofferdam while maintaining compliance with stretcher access requirements and reducing risks associated with ladders and uneven terrain. Its adaptable design allowed the access route to integrate seamlessly around the sheet piles and confined excavation area, helping maintain workflow efficiency and safe movement throughout the project.

Slip Form Access



To see more great SafeSmart products, look for the #ABetterWay hashtag on instagram and linkedin now.



Tunnel Access





Container Access



Industry Applications

Batter 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 aluminium 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



Headstock Access



Industry Applications

For more applications, look for #AdjustaStairs on instagram and linkedin now.

Excavation Access

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





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.





SmartStairs
Steel Modular Stair System

BRIDGING GAPS
Pair your SmartStairs system with SmartBridge see page 74

- 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.

Aluminium SmartStairs

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

Aluminium Smartstairs - Made To Order

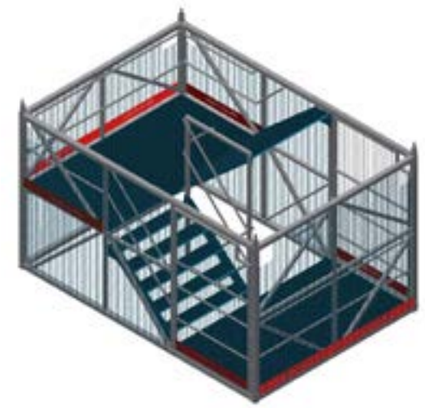
2.3mH Stretcher Stair Module Freestanding Series*

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 74)*

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 SWL | Complies with BS EN ISO 14122

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 SWL | Complies with BS EN ISO 14122

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 SWL | Complies with BS EN ISO 14122

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



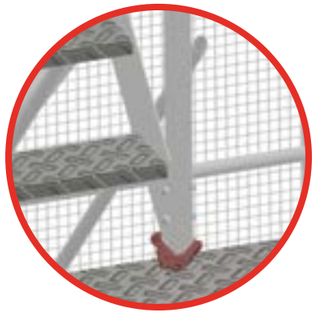
Sliding Pin Connection



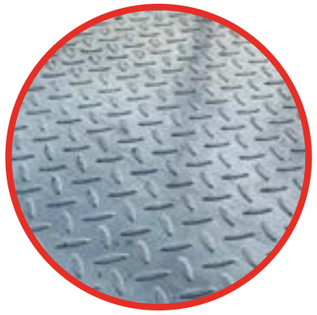
Certified Crane Lifting Points



25mm x 25mm Mesh Encapsulation



Rated Harness Point



Anti-Slip Checker Plate Flooring



Integral Toeboards

SmartStairs - Aluminium System

Slip Form Access



Shaft Access



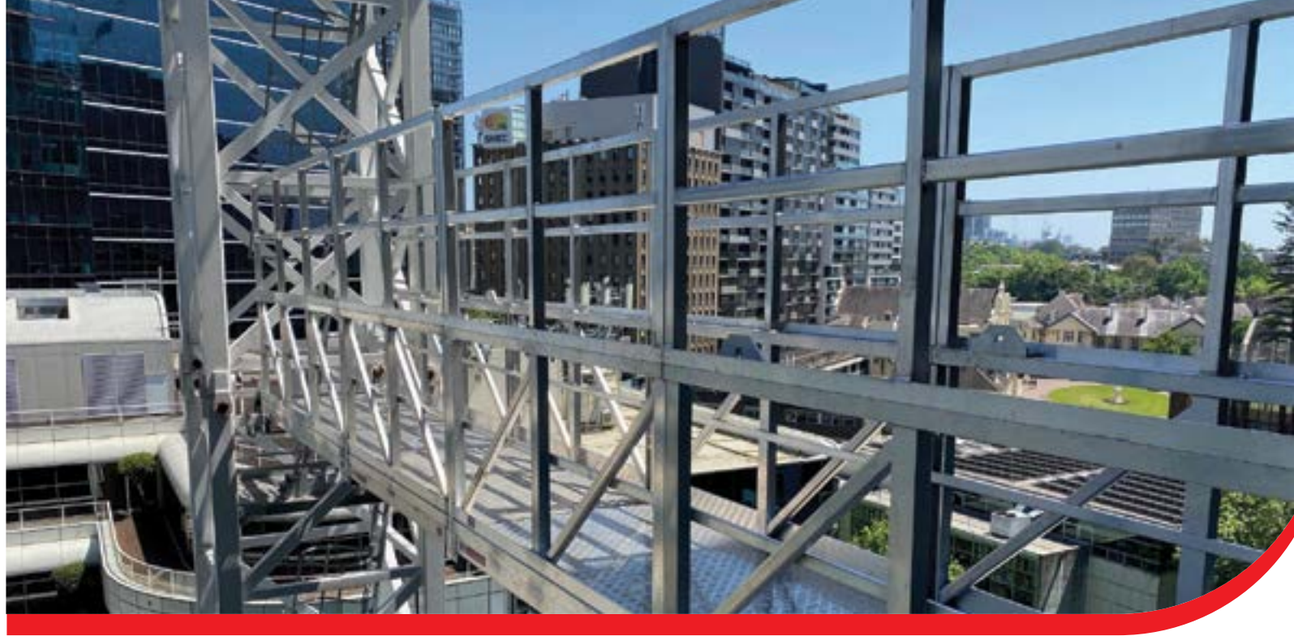


SmartStairs - Steel System
Industry Applications - Above Ground

Freestanding up to 18m!



SCAN CODE TO VIEW VIDEO



Section 06
Ramps & Walkways

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SmartBridge

The Structural Bridge System that Connects to SmartStairs

BRIDGE THE GAP
Pair your SmartBridge system with SmartStairs **see page 70**

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.

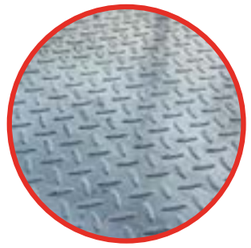
Estimated Mass: 1 tonne.

10kPa Rated Roof Design

2.3mH SmartBridge Module

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

2.5kPa SWL



Anti-Slip Checker Plate Flooring



Integral Toeboards

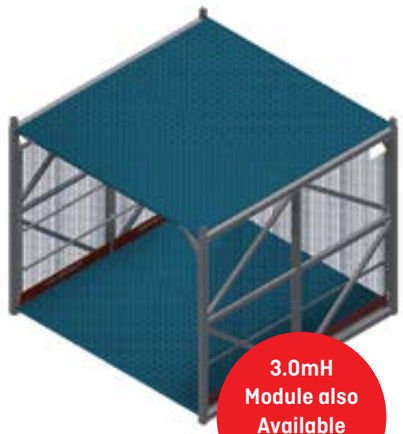


25mm x 25mm Mesh Encapsulation

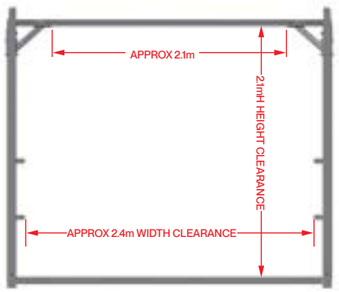


Certified Crane Lifting Points

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



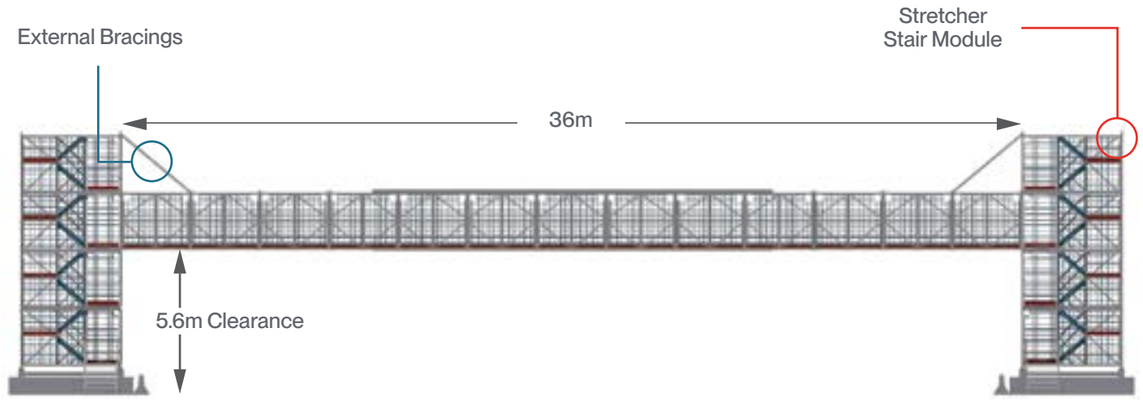
3.0mH Module also Available Upon Request

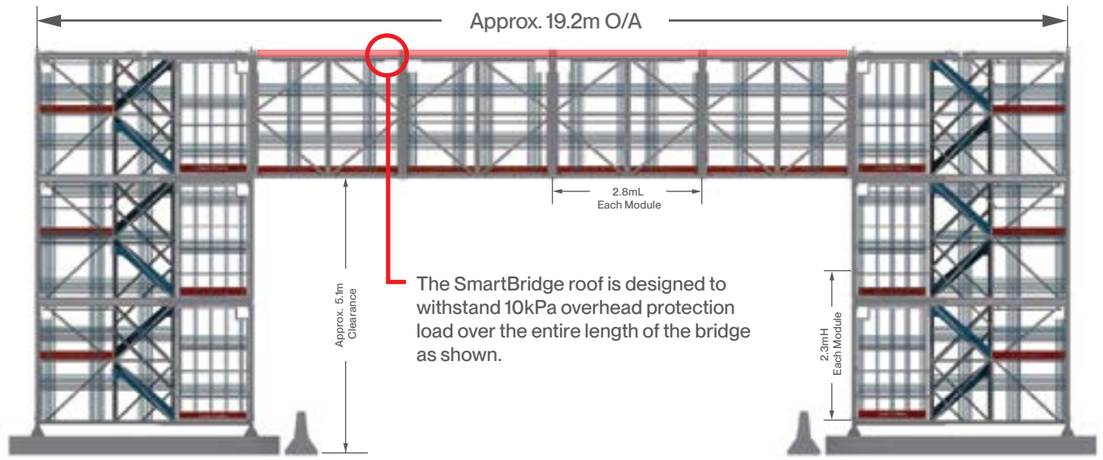


SmartBridge

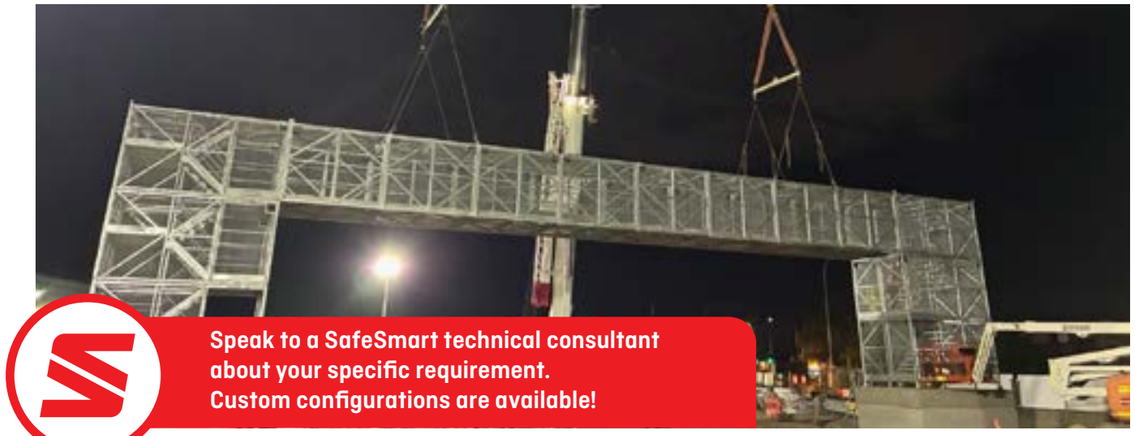
Did you know that smartbridge can achieve 10kPa ratings for overhead protection.

Application - Large Spans up to 36m!





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



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

Modular StepOver Components

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 aluminium frame, and perforated plate deck surfaces. Supplied disassembled for ease of installation in tight locations.

70° Ladder Range

Code	Type	Clearance Height	Platform Height
210700	2 Step	445mm	566mm
210701	3 Step	727mm	848mm
210702	4 Step	1003mm	1125mm
210703	5 Step	1291mm	1412mm
210704	6 Step	1573mm	1694mm
210646	7 Step	1854mm	1976mm
210647	8 Step	2136mm	2258mm
210648	9 Step	2418mm	2540mm





- 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.

225kg SWL | Complies with **BS EN 131** | **5 Year** Warranty

45° Stair Range

Code	Type	Clearance Height	Platform Height
210736	2 Step	254mm	373mm
210737	3 Step	445mm	560mm
210738	4 Step	727mm	850mm
210739	5 Step	1003mm	1120mm
210740	6 Step	1157mm	1266mm
210741	7 Step	1291mm	1400mm
210742	8 Step	1573mm	1692mm
210640	9 Step	1854mm	1970mm
210641	10 Step	2090mm	2200mm
210642	11 Step	2428mm	2550mm
210643	StepOver Stair Brace to suit 1970mmH Platform with 45-degree stairs		
210644	StepOver Stair Brace to suit 2200mmH Platform with 45-degree stairs		
210645	StepOver Stair Brace to suit 2550mmH Platform with 45-degree stairs		

- 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.

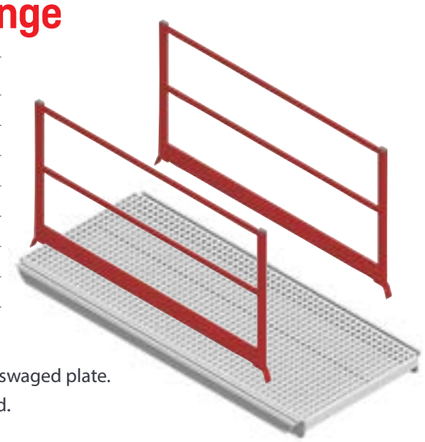




Modular StepOver Components

Platform Bridge Range

Code	Size
210143	0.6mL x 0.8mW
210706	1.0mL x 0.8mW
210707	1.5mL x 0.8mW
210708	2.0mL x 0.8mW
210786	3.0mL x 0.8mW
210140	4.0mL x 0.8mW
210141	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	Steps	Clearance Height	Platform Height
210731	2	445mm	566mm
210732	3	727mm	848mm
210733	4	1009mm	1130mm
210734	5	1297mm	1412mm
210735	6	1572mm	1694mm
210649	7	1854mm	1976mm
210650	8	2136mm	2258mm
210651	9	2418mm	2540mm





- 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.

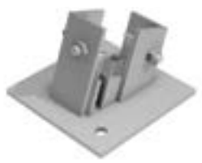
SCAN CODE TO VIEW VIDEO

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 StepOver Retrofit Wheel Kit Bracket
230235	Heavy-Duty Adjustable Height Castor-200mm, 700kg SWL
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



210142
Modular Short Leg



210705
Permanent Base Plate Set



210709
Permanent Base Plate Set
(Vertical Ladder)



210144
Lifting Lug Angled
(Includes Hardware)



210899
Batwing Gates

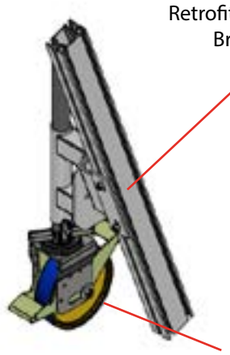


210788
70° Ladder Brace

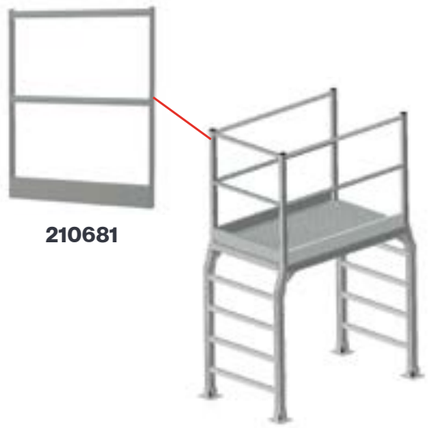


210789
90° Ladder Brace

210630
Retrofit Wheel Kit
Bracket



230235
Heavy-duty Adjustable
Height Castor



210681

Modular StepOver Applications















INDUSTRY STORY

Old Oak Common, HS2 - Modular StepOvers

The Challenge

Old Oak Common Station is one of the largest and most complex rail infrastructure projects currently under construction in the UK. The new underground station box is approximately 850m long, 70m wide and 20m deep, with extensive reinforced concrete works taking place throughout the excavation and structural phases. During construction, operatives needed safe and efficient access across large areas of reinforcement steel and shuttering systems while maintaining productivity within a busy live construction environment.

Traditional access methods created limitations around mobility, safe crossing points and efficiency when moving between work areas. With multiple trades operating simultaneously and large sections of exposed reinforcement in place, the contractor required a lightweight, modular access solution that could be rapidly deployed and adapted to changing work fronts while helping reduce the risk of slips, trips and falls.

The Solution

SafeSmart Access supplied its modular 45 and 70 degree StepOvers to provide safe access routes across reinforcement and shuttering during the concrete works packages. The modular design allowed the units to be quickly repositioned as the station box progressed through different construction stages, giving teams flexible access exactly where it was needed.

The aluminium construction provided a lightweight yet durable solution that could easily be moved around site without heavy lifting equipment, while the modular system allowed varying heights and spans to suit the constantly changing reinforcement layouts. Anti-slip surfaces, handrails and stable working platforms helped improve site safety and provided operatives with secure crossing points throughout the excavation and structural build phases.

The Result

The modular StepOvers helped improve safe access throughout one of the UK's largest infrastructure projects, allowing operatives to move efficiently over reinforcement and formwork without disrupting ongoing works below. Their adaptable design meant access routes could be modified quickly as construction progressed, helping maintain programme efficiency across multiple work zones.

By replacing improvised access methods with purpose-built modular systems, the project team improved working at height safety, reduced manual handling issues and created safer pedestrian routes throughout the station box structure. The speed of installation and flexibility of the StepOvers supported continuous concrete operations and helped keep works progressing safely and efficiently within the demanding environment of the Old Oak Common station build.

Formwork StepOver Platform

Code	Description	Width	Length	Height	Weight Rating
210835	Formwork StepOver Platform	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 SWL

Complies with BS 5395-3:1985







Pedestrian Access Bridge

Code	Width	Length	Weight
210600	1.0m	1.7m	34kg
210601	1.0m	2.2m	42kg
210602	1.0m	2.7m	51kg
210603	1.0m	3.2m	59kg
210604	1.0m	4.0m	98kg
210605	1.0m	6.0m	184.9kg

- For safe crossing of ditches and excavations.
- Full aluminium construction.
- Anti-slip deck & Integrated toe board.
- Carry handles on both sides allow ergonomic handling.
- Stackable - hand rails fold for safe transport and storage.
- Additional grab handles available.

200kg SWL

Complies with BS EN ISO 14122



AdaptaSpan Components

Code	Description	Measurements
210136	AdaptaSpan Modular Bridge	1m module x 1.2mW, 2.5kPa
210145	AdaptaSpan Modular Bridge	2m module x 1.2mW, 2.5kPa
210137	AdaptaSpan Modular Bridge	3m module x 1.2mW, 2.5kPa
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.

Complies with BS EN ISO 14122

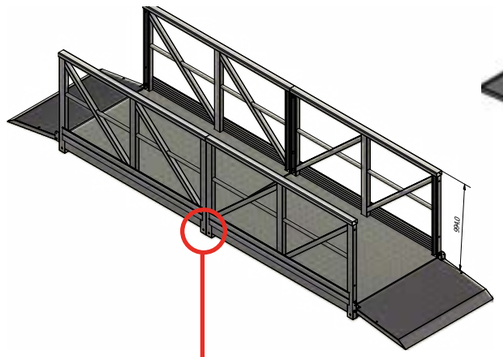
2.5kPa SWL



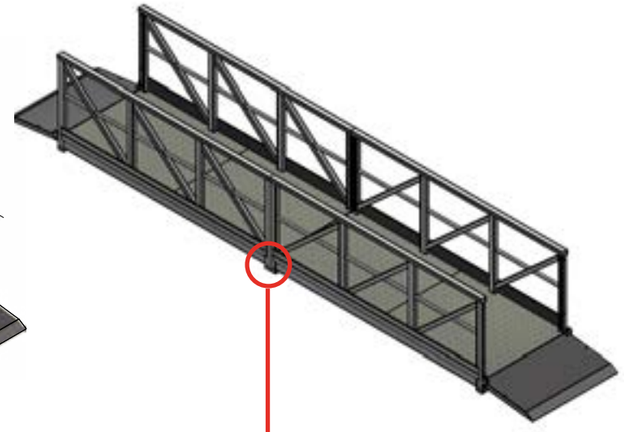
AdaptaSpan Modules

Join modules together to create clear span - up to 21 linear metres!

4m BRIDGE (2 x 2mL MODULES)



6m BRIDGE (2 x 3mL MODULES)



BRIDGE MODULES BOLT END-TO-END

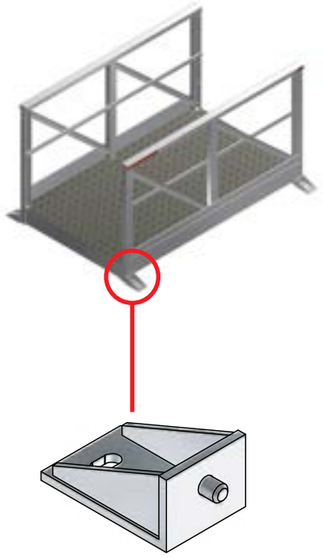
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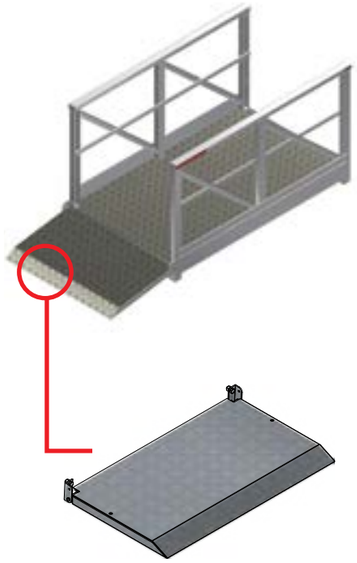
AdaptaSpan - Components



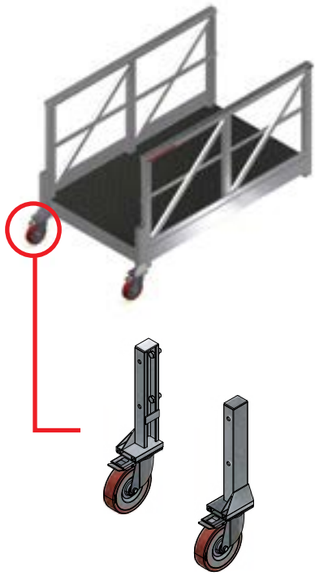
210129
Anchor Bracket



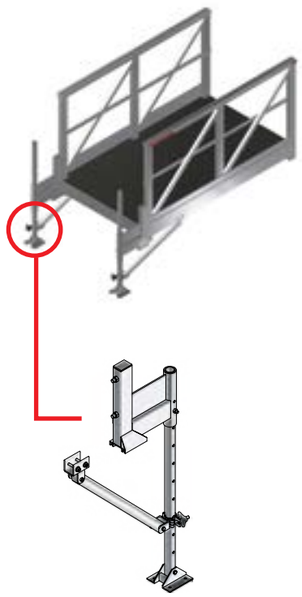
210134
Hinging End Ramp



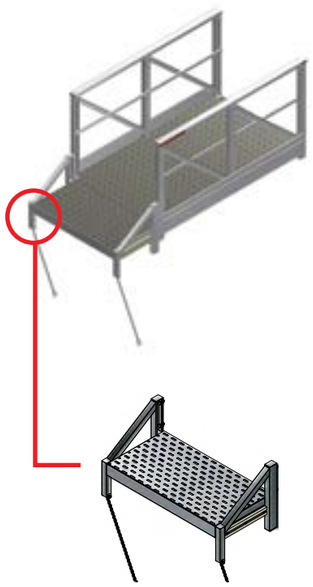
210135



210138
Bolt-On Castors
and Brackets



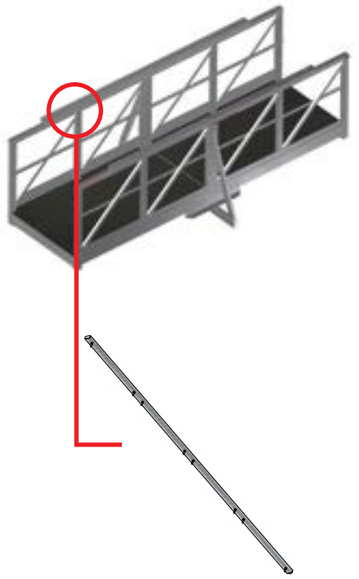
210139
Bolt-On Height
Adjustable Brackets



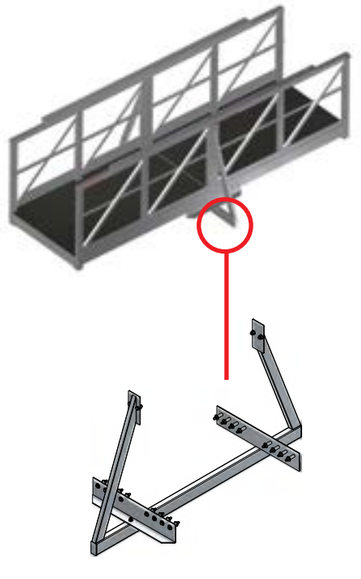
210130
Tower Crane Access
Adapter Frame

06 Ramps & Walkways

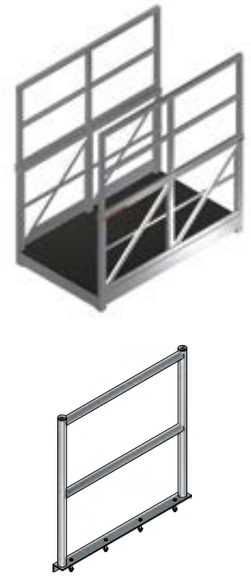
AdaptaSpan - Components



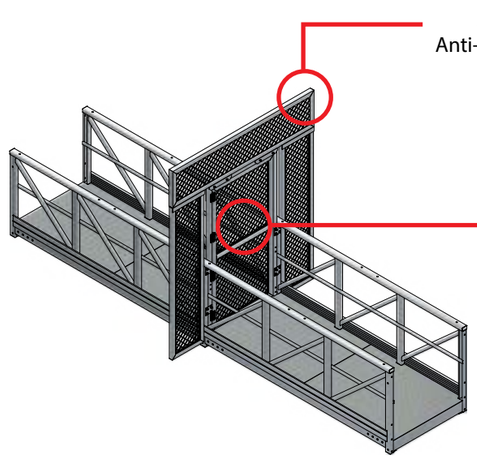
210126*
Guardrail
Strongback



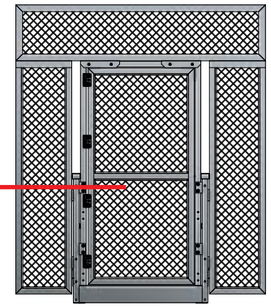
210123*
Brace Structure
Inc H/Ware



210131, 210132,
210133
Modular Bolt-On Extra
Height Guardrail Pair



210147
Anti-Climb Wings
& Panel



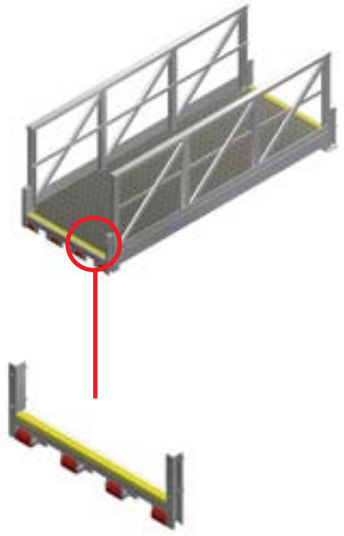
210146
Entry/Exit Swing Gate with Mesh

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

AdaptaSpan - Components



210358
Hinging Bracket



210359
Roller Bracket

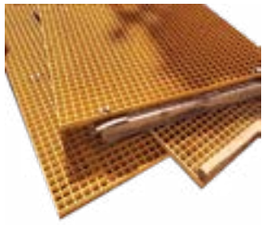


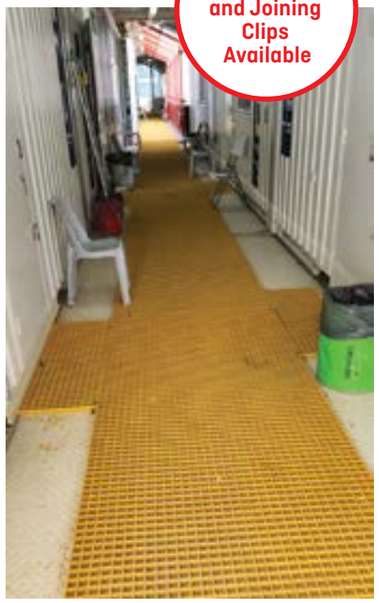
210154
1.2mW 90 Degree
Corner Module

Heavy-Duty GRP Walkway Mesh Walkway Mesh Panels

Code	Description
210902	Heavy-Duty GRP Walkway Mesh Panels 1830mmL x 1220mmW x 25mmH
210903	C-Clip for 25mmH GRP 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

SCS JV - AdaptaSpan

The Challenge

SCS JV faced ongoing access and efficiency challenges at their Atlas Road site due to the continued use of a scaffold-based bridge system. While initially effective, the scaffold solution required weekly inspections for compliance and relied on external contractors for any modifications or adjustments, often causing delays to site operations. In addition, the bridge location forced workers to take longer routes around the structure, resulting in more than three man-hours per day lost in unnecessary travel across the site. The project required a safer, more efficient access solution that could reduce maintenance demands and improve overall workflow.

The Solution

Following a detailed site assessment, SafeSmart Access UK worked closely with SCS JV to design a fully integrated proprietary access solution tailored to the site's operational requirements. The system replaced the existing scaffold bridge with AdaptaSpan, creating a stretcher-compliant direct access route across a 15-metre span. AdjustaStairs were installed to provide safe and efficient entry and exit points, while Double Height Guardrails delivered additional fall protection in critical high-risk areas. The off-the-shelf system eliminated the need for ongoing scaffold inspections and removed the delays associated with reactive scaffold modifications.



The Result

The introduction of the SafeSmart system delivered immediate improvements in safety, efficiency, and long-term site performance. By relocating and streamlining access routes, the solution saved the project more than three man-hours per day while significantly reducing congestion across the site. The proprietary system also removed the requirement for weekly scaffold inspections, minimising ongoing maintenance time and associated costs. With robust fall protection, rapid installation, and no specialist training required for use or maintenance, the Atlas Road project demonstrated the long-term value of replacing temporary scaffold solutions with safer, more adaptable access systems.

AdaptaSpan - Crane Bridge Industry Applications









AdaptaSpan - Other Applications Industry Applications







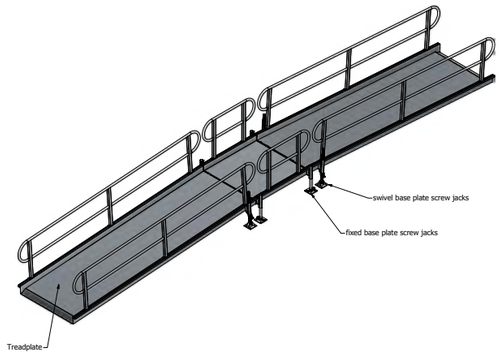
Shown with AdjustaStairs and AdjustaStairs Mid-Landings.

06 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.
- Made to order.





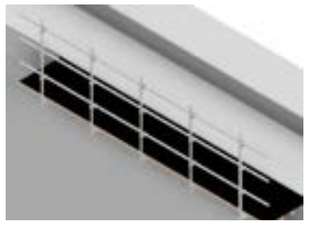
Cantilevered Walkway Bracket

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

2.5kPa SWL

Complies with **BS EN 12811-1**

- 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

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AdaptaPanel - Top Mount Posts

Complies with BS EN ISO 14122 | Complies with BS EN 13374

1mH AdaptaPanel Top Mount

Code	Description
210842	AdaptaPanel EP Post - 1.0mH



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

1.5mH AdaptaPanel Top Mount

Code	Description
210843	AdaptaPanel EP Post - 1.5mH



- Capping beam edge protection.
- Medium risk applications.

2mH AdaptaPanel Top Mount

Code	Description
210875	AdaptaPanel EP Post - 2.0mH



- Acoustic Fences.
- High risk applications.
- Deep Shafts.
- Crane PEZ.
- Security Fences.
- 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.

AdaptaPanel - Face Mount Posts

Complies with BS EN ISO 14122 | Complies with BS EN 13374

1mH AdaptaPanel Face Mount

Code	Description
210870	AdaptaPanel Face Mount Post - 1.0mH



Solutions:

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

1.5mH AdaptaPanel Face Mount

Code	Description
210871	AdaptaPanel Face Mount Post - 1.5mH



Solutions:

- Capping Beam Edge Protection.
- Medium Risk Applications.

2mH AdaptaPanel Face Mount

Code	Description
210872	AdaptaPanel Face Mount Post - 2.0mH



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 2.0mL
210846	AdaptaPanel Mesh Panel - 1.0mH x 1.0mL
210847	AdaptaPanel Mesh Panel - 1.0mH x 2.0mL
210964	AdaptaPanel Mesh Panel w/ Sliding Windows*



*Sliding windows are shown on page 95

AdaptaPanel - Other Solutions

AdaptaPanel- Cranked Post

Code	Description
210844	AdaptaPanel Mesh Panel - 0.5mH x 1.0mL
210845	AdaptaPanel Mesh Panel - 0.5mH x 2.0mL
210846	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 lifting teams.

Complies with BS EN ISO 14122 | Complies with BS EN 13374

AdaptaPanel - Freestanding

Code	Description
210842	AdaptaPanel EP Post - 1.0mH
210847	AdaptaPanel Mesh Panel - 1.0mH x 2.0mL
210872	AdaptaPanel Free Standing Foot Plate
124559	Weight Block 25Kg - Rubber



Anti-Slip Rubber Base

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:

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

Complies with BS EN ISO 14122 | Complies with BS EN 13374

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 BS EN ISO 14122 | Complies with BS EN 13374

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 BS EN ISO 14122 | Complies with BS EN 13374

AdaptaPanel Rebar Post

Code	Description
210900	1.25mH Rebar Edge Protection Round Post 48.3mmD and Base inc Clamps, Bolts, Washers

Complies with BS EN ISO 14122 | Complies with BS EN 13374





AdaptaPanel Work Through

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 BS 5395-3

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:

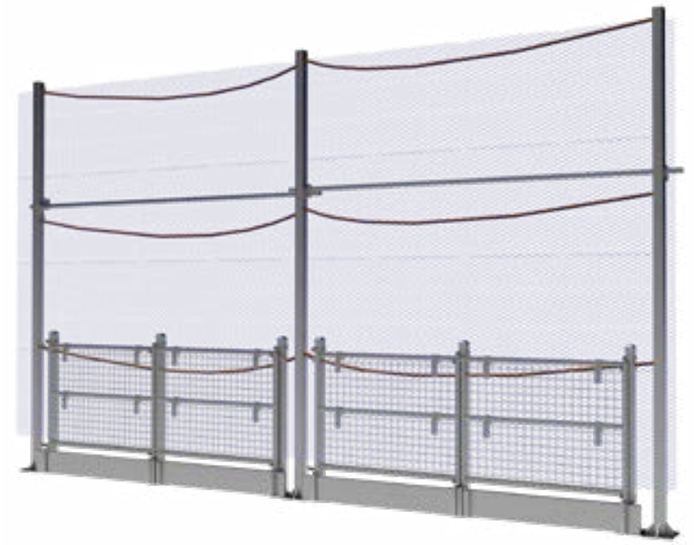
- Allows for external ties e.g. crane ties, screens, alimak ties to be fixed to the structure whilst maintaining compliant edge protection.
- Sliding/overlapping features provide flexibility for toeboard to be slid up against protruding elements (e.g. ties).

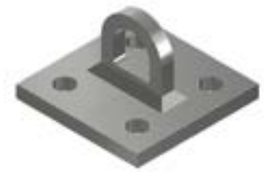




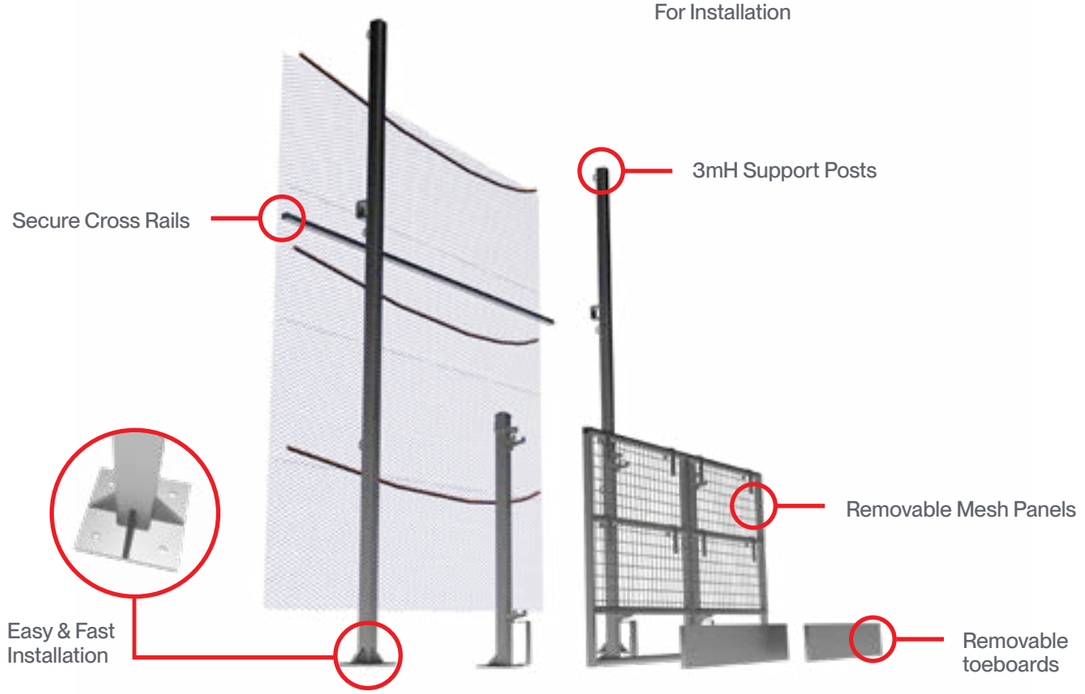
Perfect For Curtain Wall Installation

Eliminate Harnesses & Reduce Debris Fall Risk



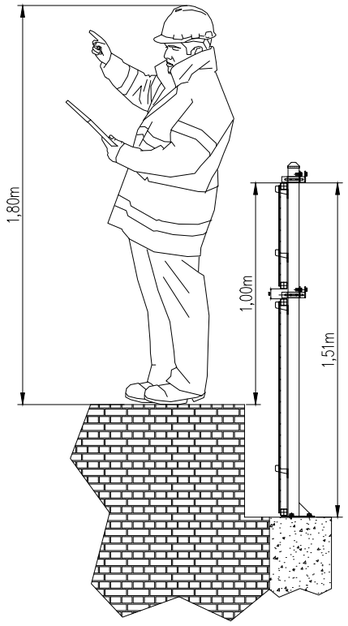


Harness Anchor Bracket
For Installation



AdaptaPanel - Edge Protection

AdaptaPanel Configuration Examples

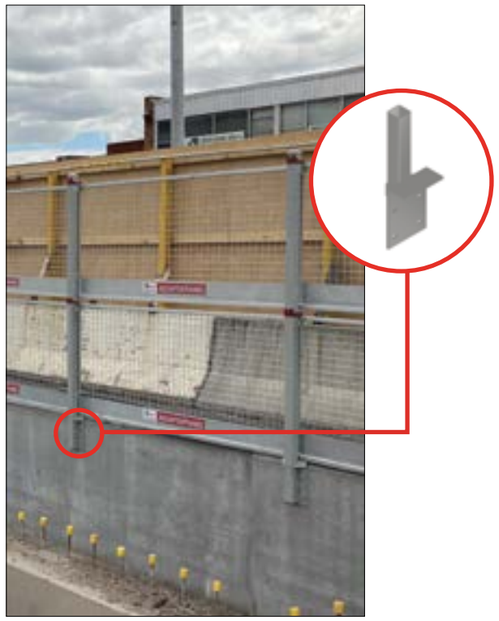




AdaptaPanel

AdaptaPanel

AdaptaPanel Face Mount Post



AdaptaPanel Slab Mount Post



AdaptaPanel - Edge Protection

AdaptaPanel Sliding Panels





AdaptaPanel Freestanding





AdaptaPanel with Rebar





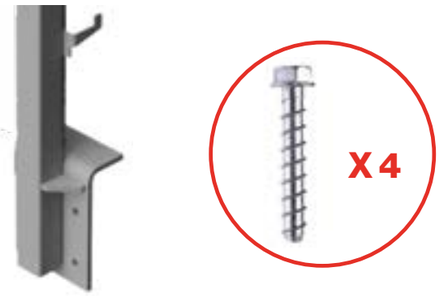
Fixing Details

1mH & 1.5mH Top Mount*



10 x 100mmL concrete screw anchor
*90mm embedment

2mH - Face Mount*



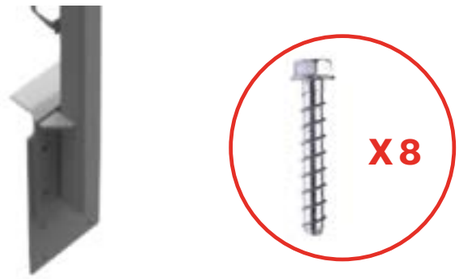
12 x 100mmL concrete screw anchor
*90mm embedment

2mH & 3mH Top Mount*



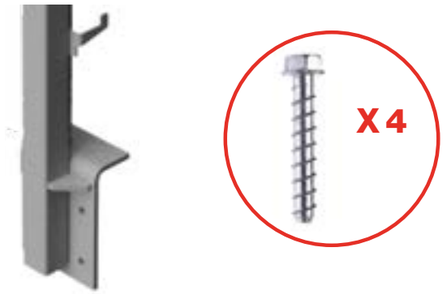
12 x 100mmL concrete screw anchor
*90mm embedment

2mH - Face Mount* (Shallow Embedment)**



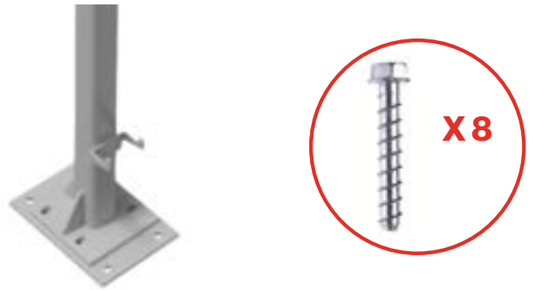
QTY 4: 10 x 60mmL concrete seismic concrete screw anchor
QTY 4: 10 x 70mmL concrete seismic concrete screw anchor
*50mm embedment

1mH & 1.5mH Face Mount*



10 x 100mmL concrete screw anchor
*90mm embedment

2mH - Top Mount* (Shallow Embedment)**



QTY 4: 10 x 60mmL concrete seismic concrete screw anchor
QTY 4: 10 x 70mmL concrete seismic concrete screw anchor
*50mm embedment

DISCLAIMER
**Shallow embedment is subject to a site specific temporary works design.

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.
- Meets and passes all load requirements.

Bolt-Down Guardrail Post 1.2mH





Multi-Mount Guardrail Post 1.2mH





Multi-Mount Guardrail Post 2.0mH



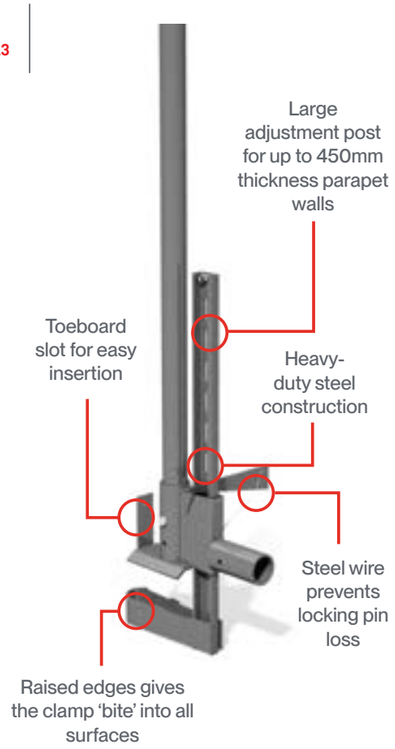


King Klampz Edge Protection

Code	Description
210272	Multipurpose King Klampz
210893	AdaptaPanel Edge Protection DOUBLE U-Channel 3mm Steel Bracket for Tube (each)
210897	KingKlamp Vertical SINGLE U-Channel ALU for AdaptaPanel Bottom (each)
210898	KingKlamp Horizontal SINGLE U-Channel ALU for AdaptaPanel Bottom (each)

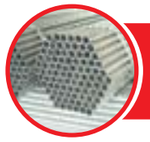
- Perfect for rail platform edge protection.
- Negates the need to use fasteners - saves time and money.
- Self-install - no scaffolders or riggers required.
- Can be used on a finished surface - no remedial works required.
- Multipurpose King Klampz operates both horizontally for use on a parapet, and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

Complies with BS EN 13374:2013









TUBE & COUPLERS COMPONENTS
PAGE 155

"We engaged SafeSmart 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

COMPLIANCE: To comply with the Health and Safety in Employment Act 1992 and Regulations 1995, exposed sides and ends of working platforms above three metres must be protected by guard rail and toe boards.

NON-DRILL Pty Ltd

Non-Drill Industry Story
Prevention Page 112

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.



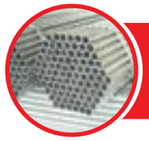
Step 3

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.
- AS/NZS 1170.1 Structural design actions, Part 1: Permanent, imposed, and other actions.
- AS 1657:2018 Fixed platforms, walkways, stairways & ladders:
  - under 350N/m, or "Category 1" lateral loading.
  - under 750N/m, or "Category 2" lateral loading (using the same connection, increasing the post thickness).

Non-Drill Components



TUBE & COUPLERS COMPONENTS PAGE 155

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

1.95mH 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

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!

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



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.



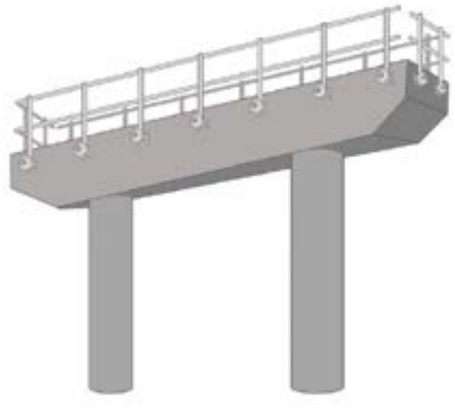
Super T Bridge Girders

- 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.



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
BS EN 13374

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 Connecton (35mm from concrete)
230137	NON-DRILL Side Connecton (60mm from concrete)
230138	NON-DRILL Side Connecton (120mm from concrete)

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





Non-Drill Applications

Shear Stud Edge Protection

Code	Description
107788	Shear Stud Adaptor for NON-DRILL - Galvanised Steel

- 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.





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
BS EN 13374





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.







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.

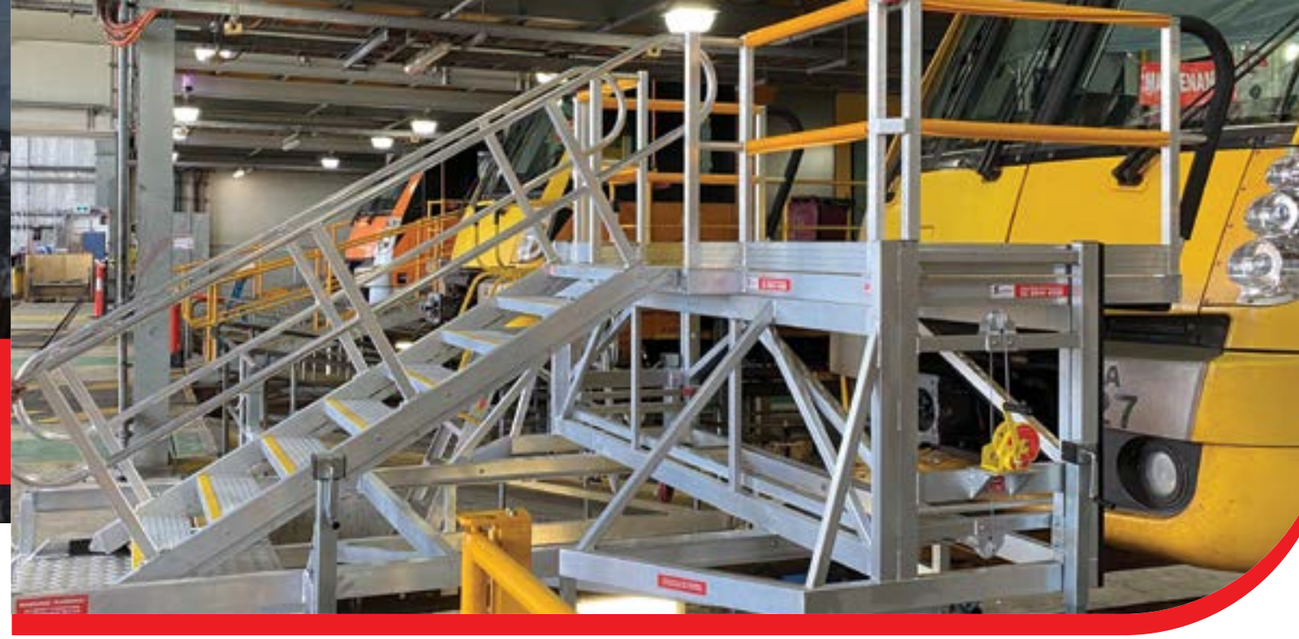












Non-Drill See Page 103

INDUSTRY STORY

Guildford Sewage Treatment Works - Non-Drill & King Klampz

The Challenge

Working at height on the Guildford Sewage Treatment Works Relocation project presented significant safety and efficiency challenges, particularly due to the complexity of installing edge protection on precast concrete structures. Traditional drilled edge protection systems were not ideal for this environment, as they introduced additional time, noise, dust, and disruption to the programme. More importantly, drilling into concrete also created health and safety concerns, including exposure to Hand-Arm Vibration Syndrome (HAVS) and Respirable Crystalline Silica (RCS) dust. The project required a safer, faster, and less intrusive approach that could maintain high safety standards while supporting efficient phased construction alongside BAM UK & Ireland and DJ Civils Ltd.

The Solution

SafeSmart collaborated closely with the project teams to deliver a tailored edge protection strategy using two complementary systems: Non-Drill Edge Protection and King Klamp Edge Protection. The Non-Drill system was designed to attach directly to lifting irons on precast concrete elements, completely removing the need for drilling and preserving the structural integrity of the concrete. This significantly reduced installation time while improving safety conditions for operatives. Alongside this, the King Klamp system provided a highly adaptable clamping solution, allowing edge protection to be quickly repositioned and adjusted as the project progressed through different construction phases. Together, these systems offered a flexible, efficient, and safer alternative to conventional edge protection methods.

The Result

The implementation of the SafeSmart edge protection systems delivered substantial improvements in both safety performance and operational efficiency. By eliminating drilling, the project significantly reduced vibration exposure, dust generation, and noise levels, creating a cleaner and more controlled working environment. Installation times were reduced, labour demands were lowered, and the need for secondary finishing processes was removed, allowing teams to maintain momentum across tight programme schedules. The adaptability of the King Klamp system further improved workflow efficiency by enabling rapid repositioning as site conditions evolved. Overall, the project demonstrated how innovative, non-invasive edge protection solutions can enhance worker safety, reduce environmental impact, and support more efficient delivery on complex infrastructure projects.

Section 07
Custom Access Projects

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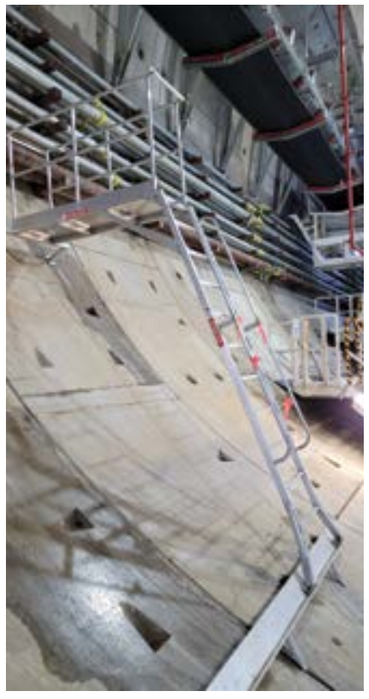
Tunnel Access Ladders and Walkways

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.



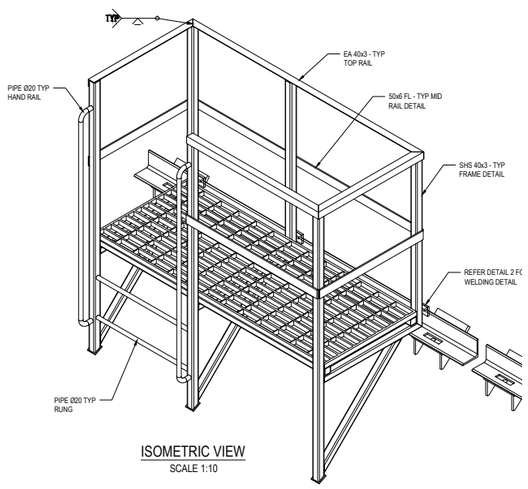




Tunnel Hop-Up Platforms

- Aluminium 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.





Tunnel Access Platforms







Plant Servicing Platforms

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
SWL



Refrigerated Truck Servicing Platform

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

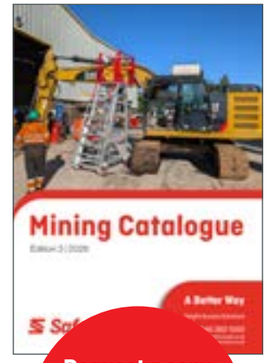
500kg
SWL



Mining, Oil & Gas Solutions

SafeSmart - the Access Professionals

See our gallery of access solutions for the mining, oil & gas industries.

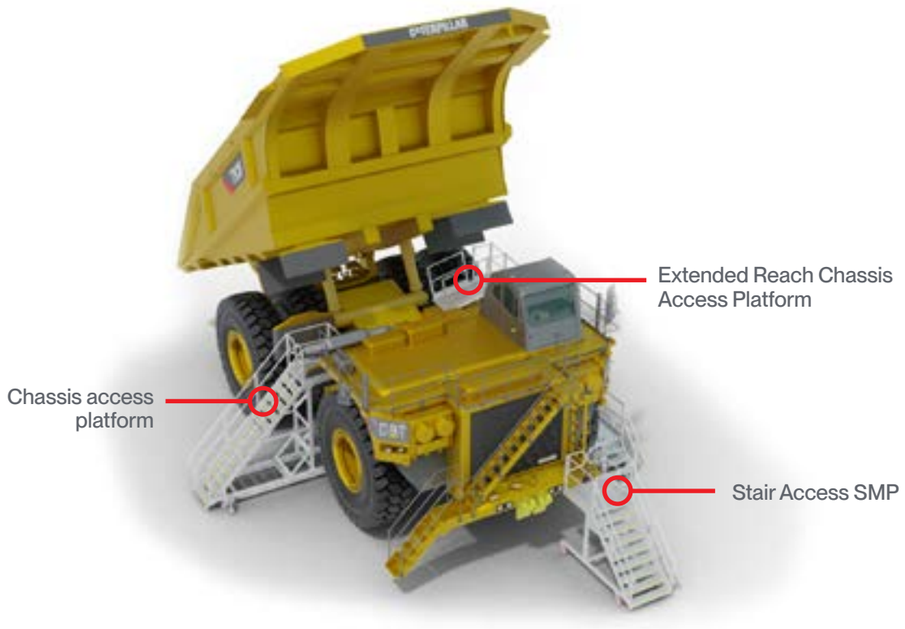


Request a copy of our Mining Solutions Catalogue today

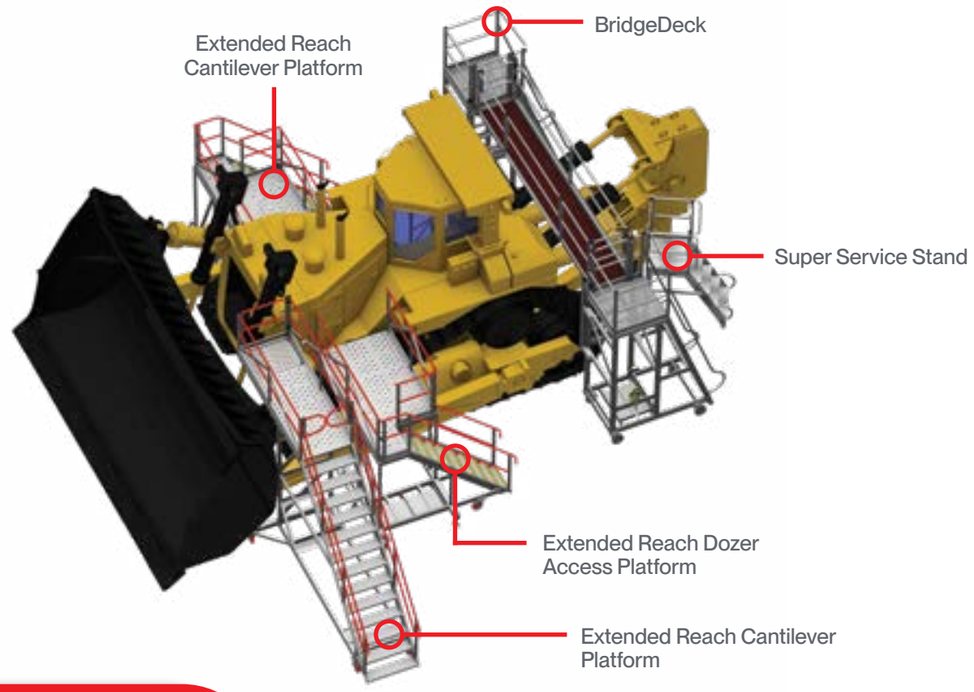


Height Adjustable Trailer Mounted Platform

Haul Truck Access



Dozer Access



Mining Solutions


Hitachi EH5000 Tyre Access Platform


Dozer Access Platform



Height Adjustable Dozer Platform

SafeSmart - the Access Professionals

See our gallery of access solutions for the rail industry.



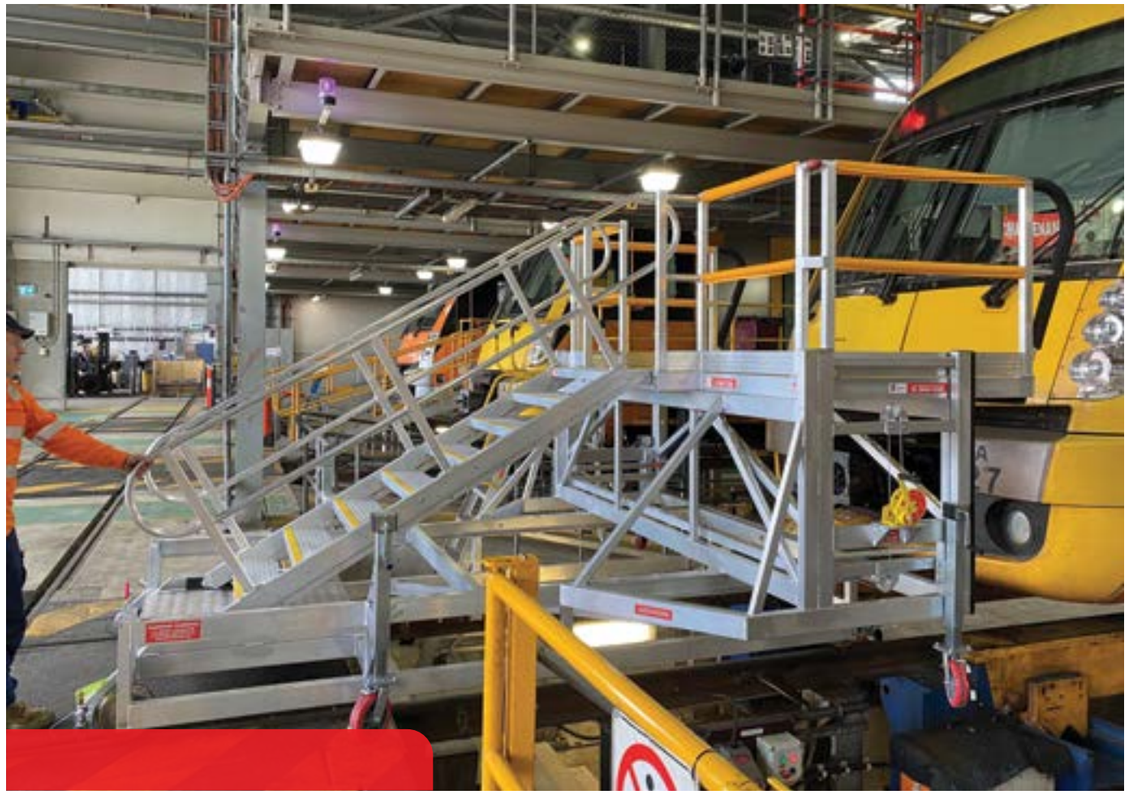
Request a copy of our Transport Solutions Catalogue today







Fixed Coupler Access Platform





Adjustable Height Cantilever Platform with loop Guardrail; for Train Roof Inspection & Access



Dual-level Train Maintenance Gantry



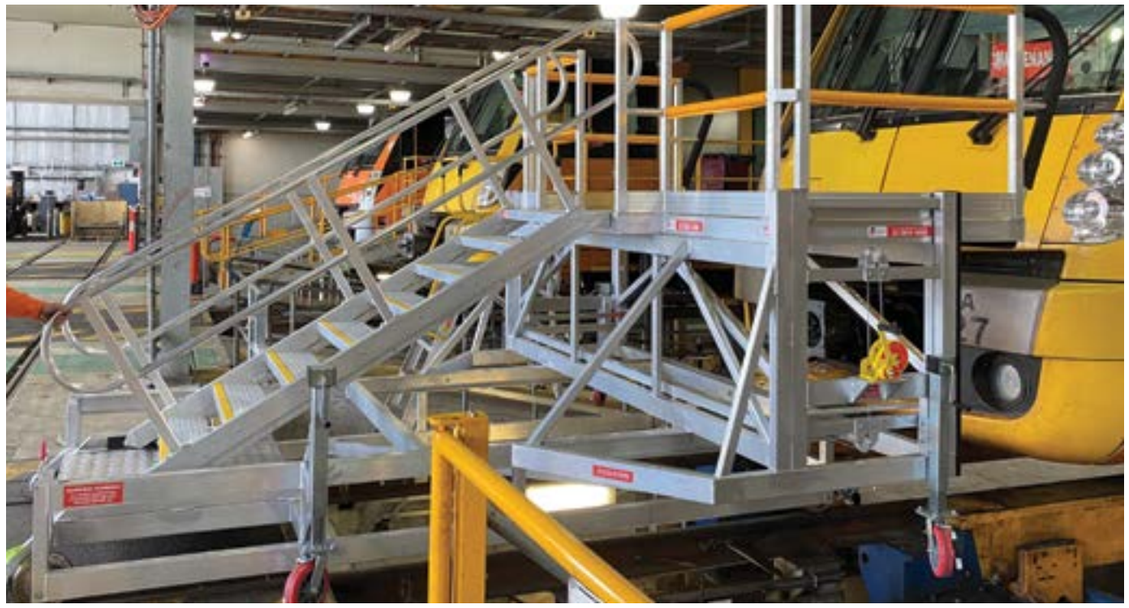
Tram Roof Access Platforms & Edge Protection Frame

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.







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

Robson Refrigeration - Custom

The Challenge

Robson Refrigeration required a safer and more efficient way to access refrigeration units on HGVs and articulated trailers during servicing and maintenance works. Previously, operatives were working from ladders, creating safety risks and limiting efficiency when accessing equipment at height. The varying heights of trucks and trailers also made it difficult to use a single fixed access solution, while restricted working space around the units reduced productivity during servicing tasks.

The Solution

SafeSmart supplied a height-adjustable platform system designed to suit a wide range of truck, trailer, and operator heights. The platform provided a larger and more stable working area for tools, components, and servicing tasks, improving overall accessibility around the refrigeration units. Integrated stair access allowed for safer entry and exit, while sliding leading-edge sections enabled the platform to fully wrap around the truck, eliminating exposed floor gaps and improving fall protection throughout the work area.

The Result

The new platform system delivered significant improvements in both safety and operational efficiency for Robson Refrigeration. By replacing ladders with a fully adjustable proprietary access solution, operatives were able to work more safely and comfortably while completing servicing tasks faster and more effectively. The improved access and larger working area also increased workshop productivity, allowing more trucks to move through the facility while maintaining higher safety standards across the site.

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.



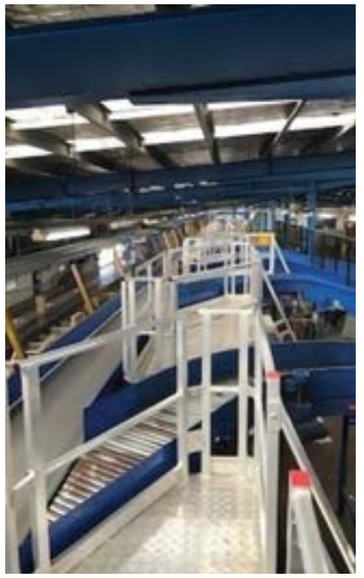
See also UltraRaise Page 38





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.









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.



Boxer Vehicle Access

- Designed for access to Boxer vehicles in a workshop environment.
- Mobile platforms can be moved into position or removed in seconds - minimal setup time.
- Additional front and rear edge protection panels are available to provide full surround protection.







Inverter Access Platforms

- Fully designed and engineered solution by SafeSmart.
- 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.





08 Custom Access Projects
Custom Steel

Alstom Transport - Tram Manufacturing Gantry

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





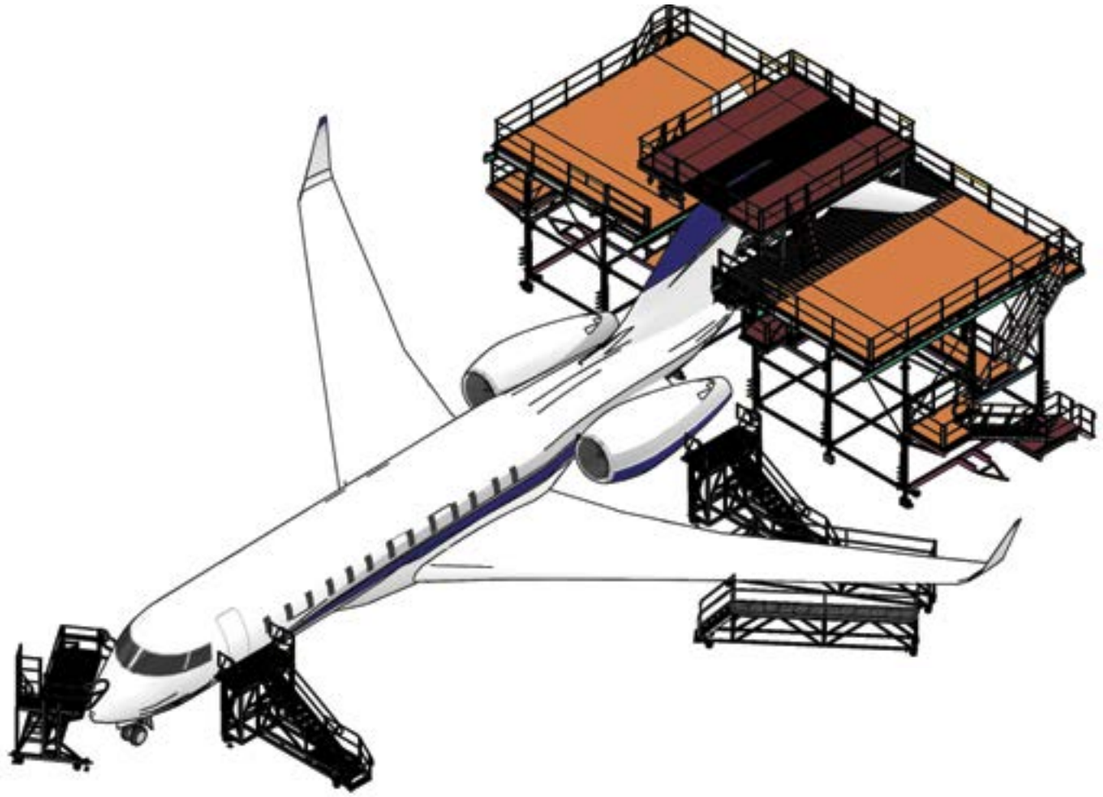




Custom Steel

Electrically Driven Aircraft Tail Docking

- Fully designed and engineered solution by SafeSmart.
- Electrical & pneumatic features.
- Innovative hydraulics and static lines featured around the platform, maiximising 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.





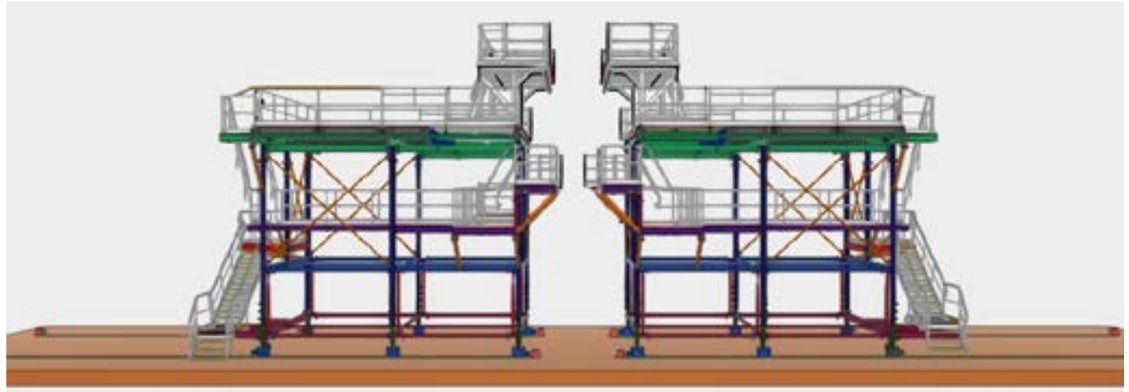
Sliding Guardrails



Sliders Swivelling Endcap



Hazardous Area Rated Electrical Outlets





08 Custom Access Projects
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

ProScaf

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A Better Way™

Introduction

The ProScaf Advantage: Reaching New Heights

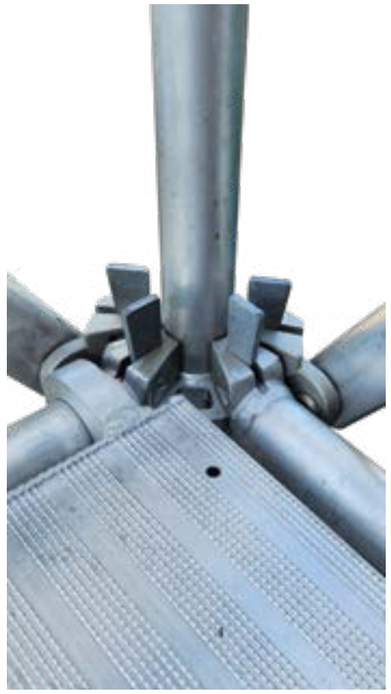
ProScaf: Do more with Less. The ProScaf system delivers ultimate flexibility, designed to maximise build efficiency while minimising personnel requirements.

The unconventional becomes conventional: The unique load bearing properties of ProScaf components make it ideal for projects that involving:

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

Build with Confidence

The system's highly engineered properties, combined with extensive technical data, make the design and construction of complex structures simpler and more efficient.



Extensive QA Processes

Batch testing and stamping of every component help operational teams verify and track any ProScaf equipment they own. ProScaf fully complies with **BS EN 12811-1** and is manufactured through our **BS EN ISO 9001**-certified production facility.

Expand your options
The ProScaf range includes:

- **Components for public access structures such as stairs, ramps, and viewing platforms**
- **SwiftStage staging system.**
- **ProScaf Aluminium 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 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 aluminium 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.







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.









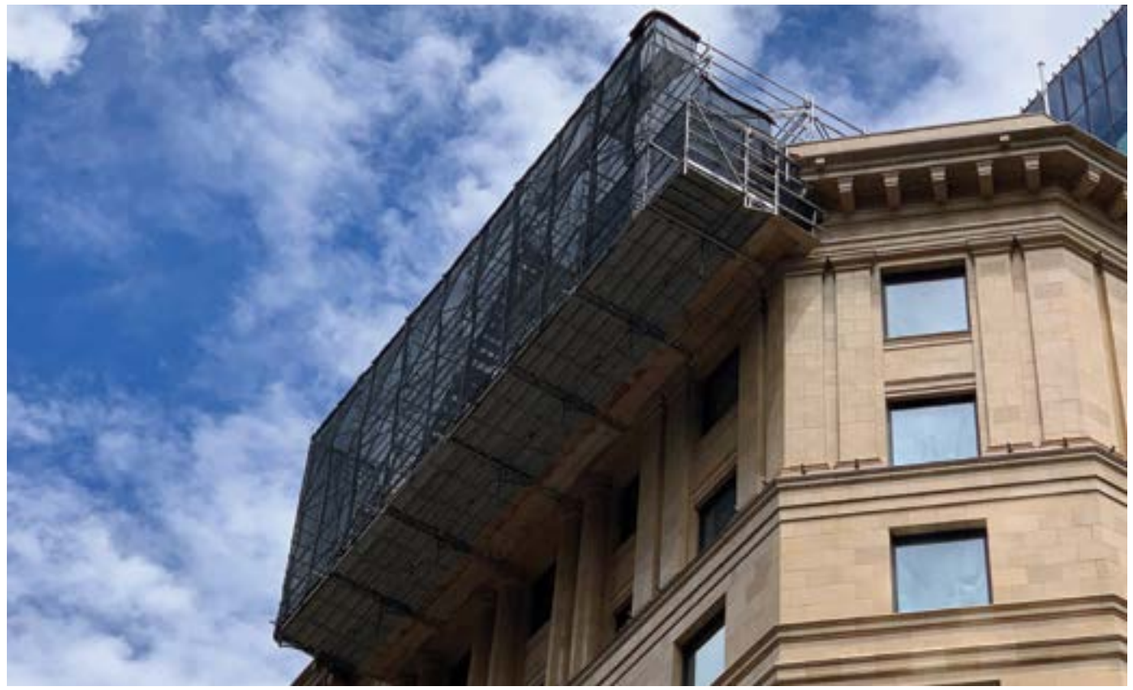
Suspended / Cantilevered Structures







09 ProScaf
Suspended / Cantilevered Structures





09 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.









INDUSTRY STORY

Facade Scaffold - ProScaf

The Challenge

H&H required a facade scaffolding solution for the Windrush Health Centre works that could deliver greater efficiency, improved safety, and stronger performance than traditional tube and fit scaffolding. Conventional systems often create challenges around loading capacity, excessive bracing, slower installation times, and combustible timber boards, all of which can impact productivity during facade remediation works.

The Solution

ProScaf provided a smarter alternative through its high-strength system design and advanced rosette connection technology. The rosette connections enabled fast, secure, and adaptable assembly with significantly fewer braces than traditional scaffolding, improving flexibility and efficiency around the building facade. The system also delivered increased load capacity for heavy-duty facade works, while integrated steel and aluminium decking removed the need for combustible timber boards, supporting modern fire safety requirements and TG30 guidance. Its lightweight modular design allowed for faster installation and dismantling, reducing labour demands and improving site productivity.



The Result

By implementing ProScaf at Windrush, H&H achieved a safer, faster, and more efficient facade access solution. Reduced bracing requirements and rapid assembly improved workflow efficiency, while the enhanced loading capacity provided reliable support for facade operations. Combined with fire-safe decking and labour-saving installation benefits, ProScaf demonstrated the clear advantages of modern system scaffolding over traditional methods.

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

High Load Bearing Gantry - ProScaf

The Challenge

Maximising usable space at a working scaffolding yard and HQ is no small task. Stellar Scaffolding faced a familiar dilemma at their own premises - the need to accommodate site office cabins without sacrificing the parking and ground-level access that keep day-to-day operations moving. The solution had to be efficient, permanent enough for HQ use, and capable of taking the full loads of office cabins above while leaving the footprint below completely usable. A conventional ground-based office setup would have eaten into parking capacity and restricted vehicle movement around the yard - neither option workable for a busy operational base. What was needed was a high load bearing structure that could span the parking area, support the offices above, and integrate safe public access - all without the bulk of additional non-system components. As specialists in the system, Stellar Scaffolding turned to ProScaf. ProScaf is a versatile, all-in-one scaffolding system engineered for demanding applications. Its high loading capabilities, minimal component requirements, and modular design make it the ideal choice for propping and gantry structures. ProScaf delivered the engineering confidence the project demanded.

The Solution

Stellar Scaffolding erected a high load bearing gantry using ProScaf at their yard and HQ, spanning the parking area to create a fully supported deck above for site office cabins. The modular nature of the system allowed assembly in tight, difficult-to-access areas of the yard without disrupting daily operations. Standard ProScaf propping components safely transferred the loads, while the spanned sections kept parking bays completely clear underneath. Public access staircases were integrated into the design, providing safe, compliant access to the elevated cabins for staff and visitors.

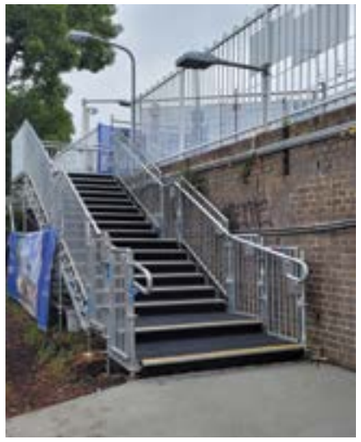
The Result

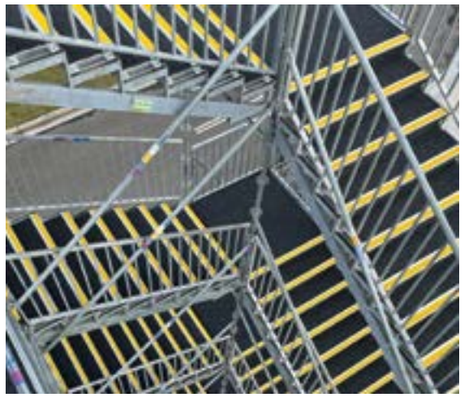
With ProScaf in the hands of professionals like Stellar Scaffolding, the yard and HQ now benefit from a setup that does double duty - office accommodation above, clear parking access below. Public access staircases ensured safe entry and exit across the structure, and the minimal component count meant a fast, clean installation that fitted seamlessly into the working yard. Stellar Scaffolding showed what is possible when ProScaf is put to work by those who know the system best. And this is the Power of 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.







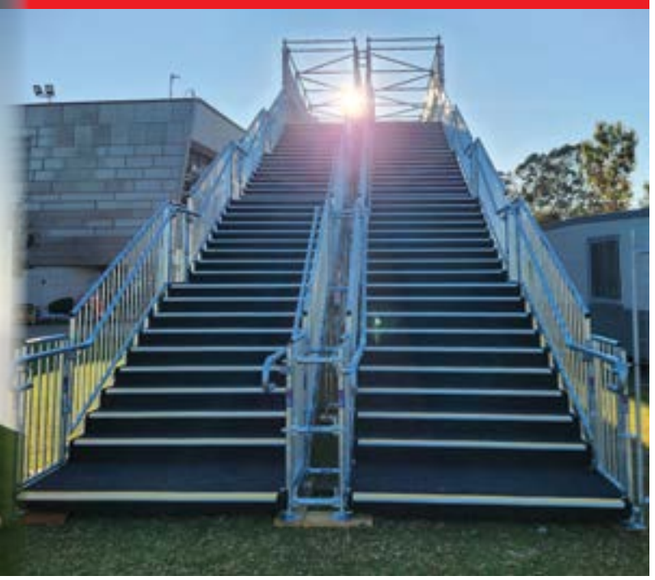




Design Concept

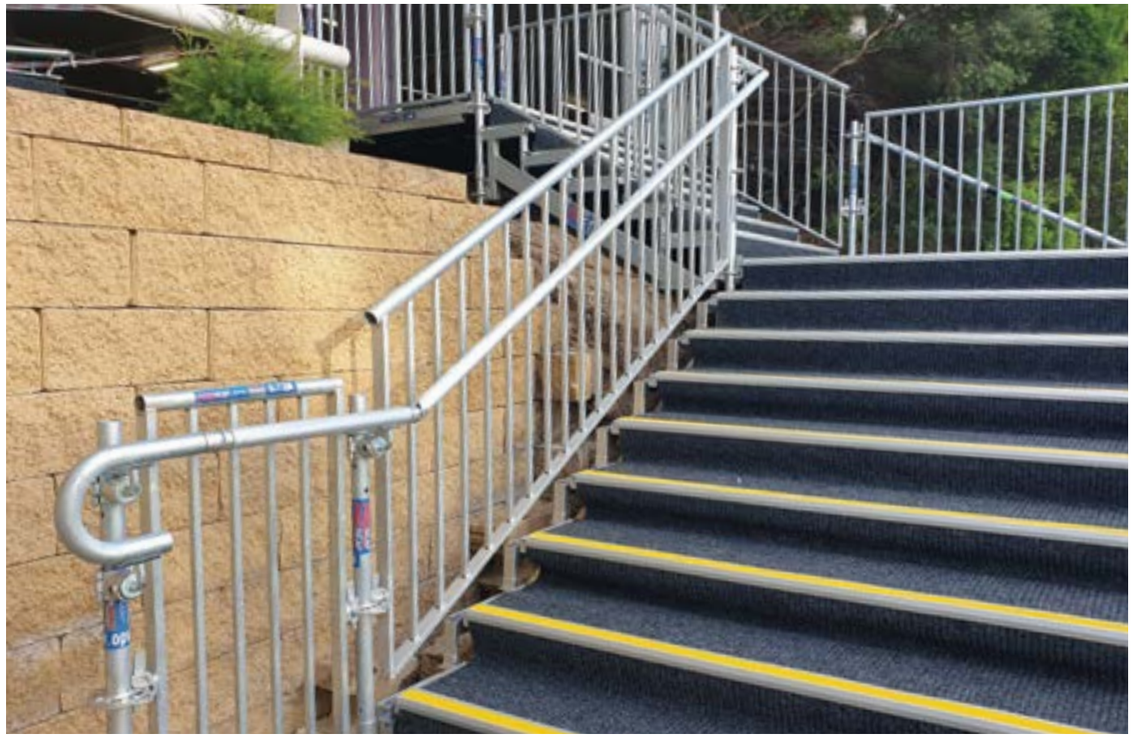


Final Outcome



Public Access Stairs





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.







09 ProScaf
Pedestrian Access Ramps







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.







09 ProScaf
Temporary Bridges





SmartRoof

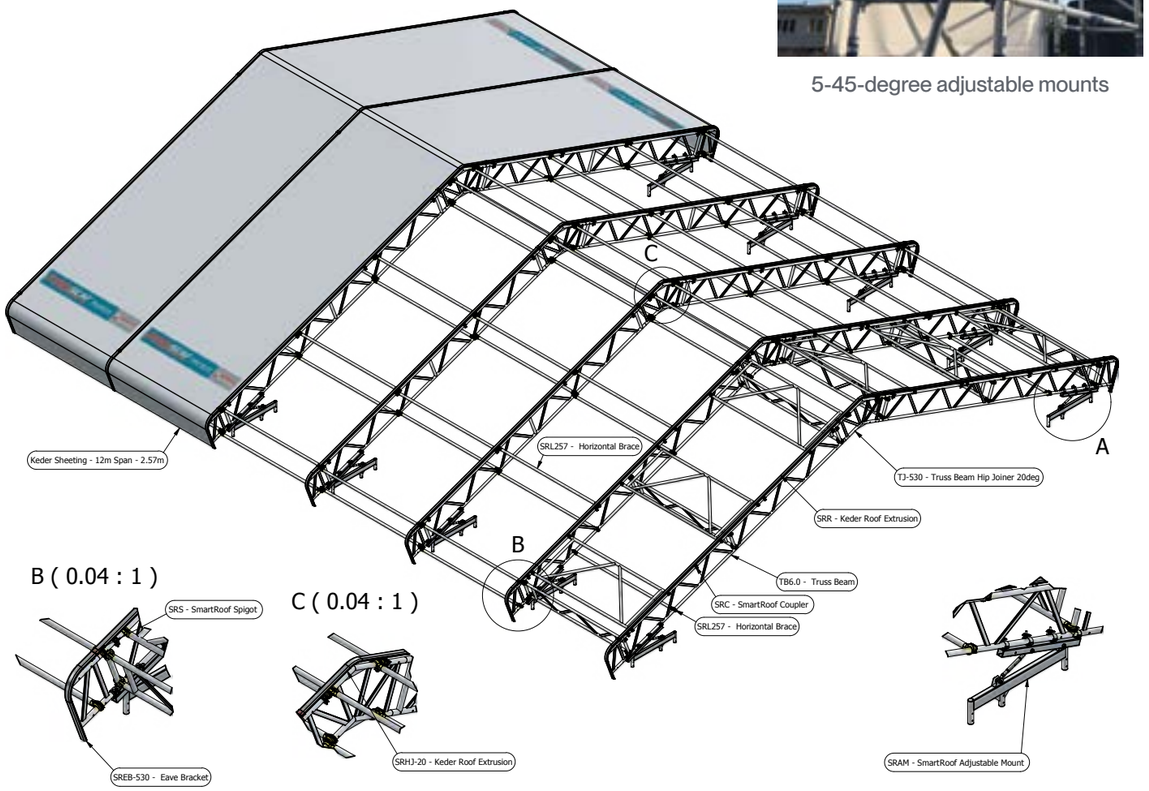
- Temporary weather protection for construction.
- Designed and made in New Zealand with independent engineering.
- Compatible for use with rosette and tube & clip scaffold systems.
- Roof system clamps to standard trusses, allowing utilisation of standard scaffolding equipment.
- Unique truss beam adjustable mounts suit roof pitches of 5 – 45-degrees.
- Fits both 0.73M and 1.09M ProScaf scaffolds.
- Rails allow the containment of roof and side walls in one continuous length, saving on single-use wraps.
- All components are made from lightweight aluminium for ease of installation.
- Modular for fast erection and compact storage.
- Ripstop polyester 1100 decitex canopy for 2.57M bays at lengths up to 20M (tear strength 400N WARP/300N WEFT).
- Optional translucent Suntex polyester 833 decitex anti-wicking canopy available.
- SmartRoof canopy saves money and reduces waste associated with one-use wraps.



Unique sliding coupler allows SmartRoof rail to be mounted to any truss configuration



5-45-degree adjustable mounts



SmartRoof - Temporary Roofing System









INDUSTRY STORY

20m Tie Free Scaffold Stair Tower - ProScaf

The Challenge

Working on one of the UK's largest infrastructure projects, Martifer required a completely self-supporting scaffold solution to provide safe high-level access to HS2 steelwork junctions reaching heights of up to 20 metres. Unlike conventional scaffold systems, there were no suitable tie points or anchor locations available, creating a significant engineering and safety challenge. The project also faced additional complexities including restricted crane positions, live train lines, and unpredictable weather conditions, all while maintaining strict safety and programme requirements. A solution was needed that could deliver maximum stability and compliance without compromising efficiency or cost-effectiveness.

The Solution

ProScaf worked closely with the project team over several months to design, engineer, and test a bespoke scaffold system capable of operating safely without traditional tie-ins. Extensive engineering checks and structural simulations were carried out to ensure the system remained compliant, rigid, and secure at height. To improve installation efficiency, each scaffold structure was assembled on the ground in four main sections before being craned into position as a complete unit. Additional bracing and reinforcement were engineered into the design to compensate for the absence of tie points, creating a world-first 20-metre self-standing ProScaf structure that balanced safety, performance, and practicality.

The Result

Despite the demanding site conditions and technical complexity, the ProScaf system was delivered safely, on time, and exactly as planned through strong communication and collaboration across the project team. The innovative self-supporting design provided secure and reliable access for work at height while eliminating the need for conventional tie-ins. By combining advanced engineering with efficient installation methods, the project demonstrated ProScaf's ability to solve highly complex access challenges on major infrastructure works. The result was a pioneering scaffold solution that set a new benchmark for safety, efficiency, and versatility within the industry.

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



Aluminium Scaffold Tube 6.0m
Aluminium Scaffold Tube 4.0m

Contact Your Local
SafeSmart Office For Further Info.

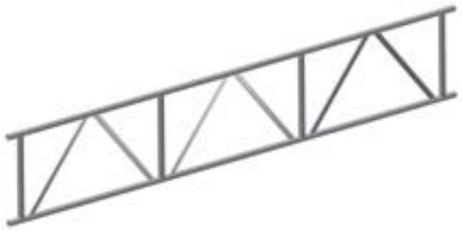
Aluminium Truss Beams

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





- Aluminium 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 Aluminium 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.



Scaff Step

Code	Size
290097	560mmW x 1000mmH

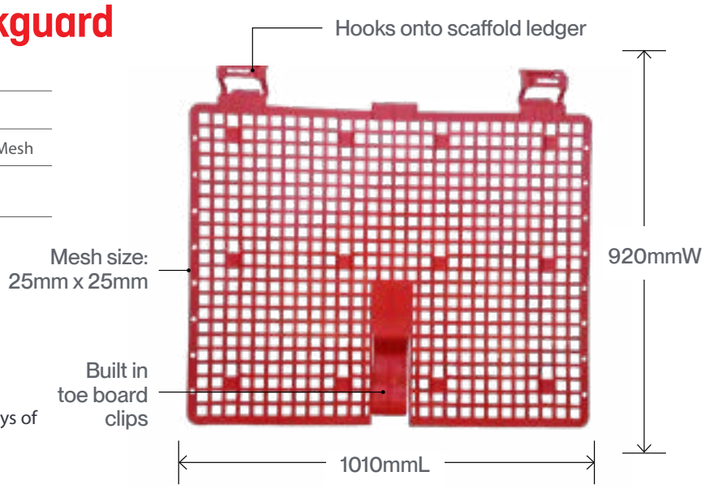
- Install handrails on the next lift up without operating by an exposed edge.
- Adjustable platform height in 25mm increments.
- Unique and simple locking allows speedy relocation.
- Lightweight aluminium for easy use & relocation.
- Folds flat for compact storage.
- Fits on ProScaf, tube & fitting scaffolds.

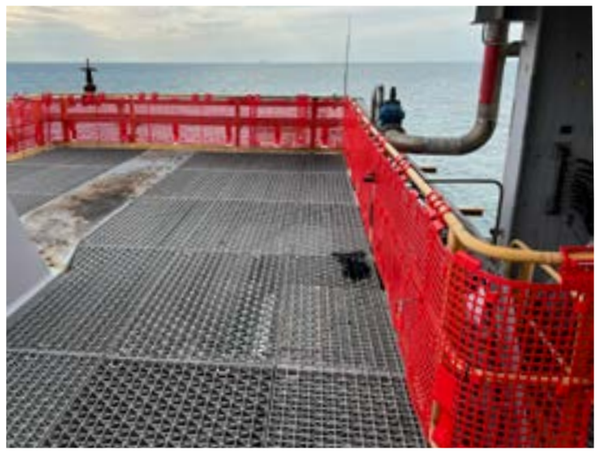


One-Piece Plastic Brickguard

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.
- Tested in accordance to EN12811-1:(2003).
- BrickGuards may be overlapped to neatly fit bays of any size.







09 ProScaf
Rubbish Chutes

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

Made from tough durable plastic

- **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



290111



Section 10
Aviation Access

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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!

A Better Way™

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.



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.



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.



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.



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.



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.



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.



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.



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.



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.



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 workface.



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

Introduction

Heightened Hangar Safety

Our specialist division, SafeSmart Aviation, utilises the design and fabrication capabilities of SafeSmart 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.



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



Main Rotor Blade Access



Custom Gallery

Full-Surround Docking



Ongoing Range



Custom Gallery

Access Stairs



SEE MORE PRODUCTS AT
WWW.SAFESMARTAVIATION.COM



EDITION 3 OUT NOW!

Engine Access Platforms



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