



Transport Industry

Edition 3 | 2026

 **SafeSmart**

A Better Way™

UK 0845 382 1000

Height Access Solutions
www.safesmartaccess.co.uk

The Brand Trusted by Leading Transport Companies Worldwide

SafeSmart is a trusted provider of height access solutions to the transport industry, backed by over 20 years of experience. Our expertise spans Mobile Workshops, Field Maintenance, Fixed Plant, and Infrastructure, with a commitment to ensuring every access and egress point across your operation is safe, compliant, and efficient for your workforce.

Our team works closely with maintenance operations to reduce the risks associated with working at height while supporting efficient work functions across site. SafeSmart solutions are designed to protect maintenance teams, minimise incidents, and maintain optimal operational efficiency. We partner with some of the industry's leading organisations, delivering both off-the-shelf and bespoke access systems that solve complex access challenges across every facet of transport operations.

SafeSmart, together with our specialist division ProScaf, operates globally with branches in the United Kingdom, Australia, New Zealand, France, Canada, United States, and Chile. We understand the regulatory requirements for safety compliance in each region and design our products according to global safety standards.

A Better Way

With in-house design experts, advanced production, and independent certification, SafeSmart delivers A Better Way to access, maintain, and manage your operations, reducing downtime and keeping your teams safer and more efficient.



01

Standard Products

Pages 5 - 36

Off-the-shelf solutions for safe height access and edge protection on rail and large transport vehicles.



02

Rail Access

Pages 37 - 84

HEAVY PASSENGER RAIL - Pages 36 - 63

Custom height access solutions for heavy passenger trains, designed for efficient maintenance and upkeep.

LIGHT RAIL - Pages 64 - 71

Tailored access systems for light rail train maintenance and servicing.

FREIGHT RAIL - Pages 72 - 82

Engineered height access platforms purpose-built for heavy passenger train maintenance and general upkeep.



03

Vehicle Access

Pages 85 - 91

Height access systems designed for efficient maintenance of trucks and larger fleet vehicles.





SafeSmart Signature Series
Super Maintenance Platform

Code	Platform Height	Platform Size	Type
210520	565mm	800 x 800mm	2 Step
210521	850mm	800 x 800mm	3 Step
210522	1130mm	800 x 800mm	4 Step
210523	1400mm	800 x 800mm	5 Step
210524	1700mm	800 x 800mm	6 Step
210525	1970mm	1000 x 1000mm	7 Step
210526	2250mm	1000 x 1000mm	8 Step
210527	2540mm	1000 x 1000mm	9 Step
210528	2828mm	1000 x 1000mm	10 Step
210529	3100mm	1000 x 1000mm	11 Step
210530	3300mm	1000 x 1000mm	12 Step
210531	3600mm	1000 x 1000mm	13 Step
221532	3950mm	1000 x 1000mm	14 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.



Perfect for Plant Maintenance

225kg
SWL

Complies with
BS EN 131

5 Year
Warranty



A Closer Look



01 Standard Products

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.



01 Standard Products

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

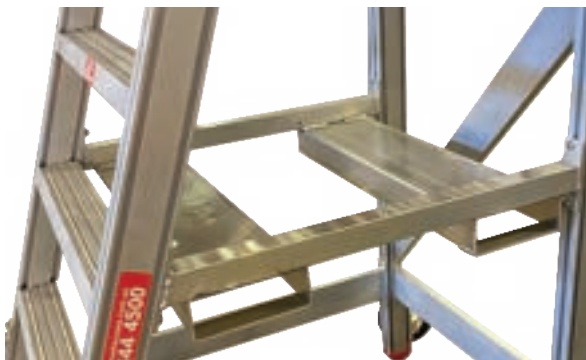
- Allows walk-through access off both sides of the platform.



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.



01 Standard Products 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.

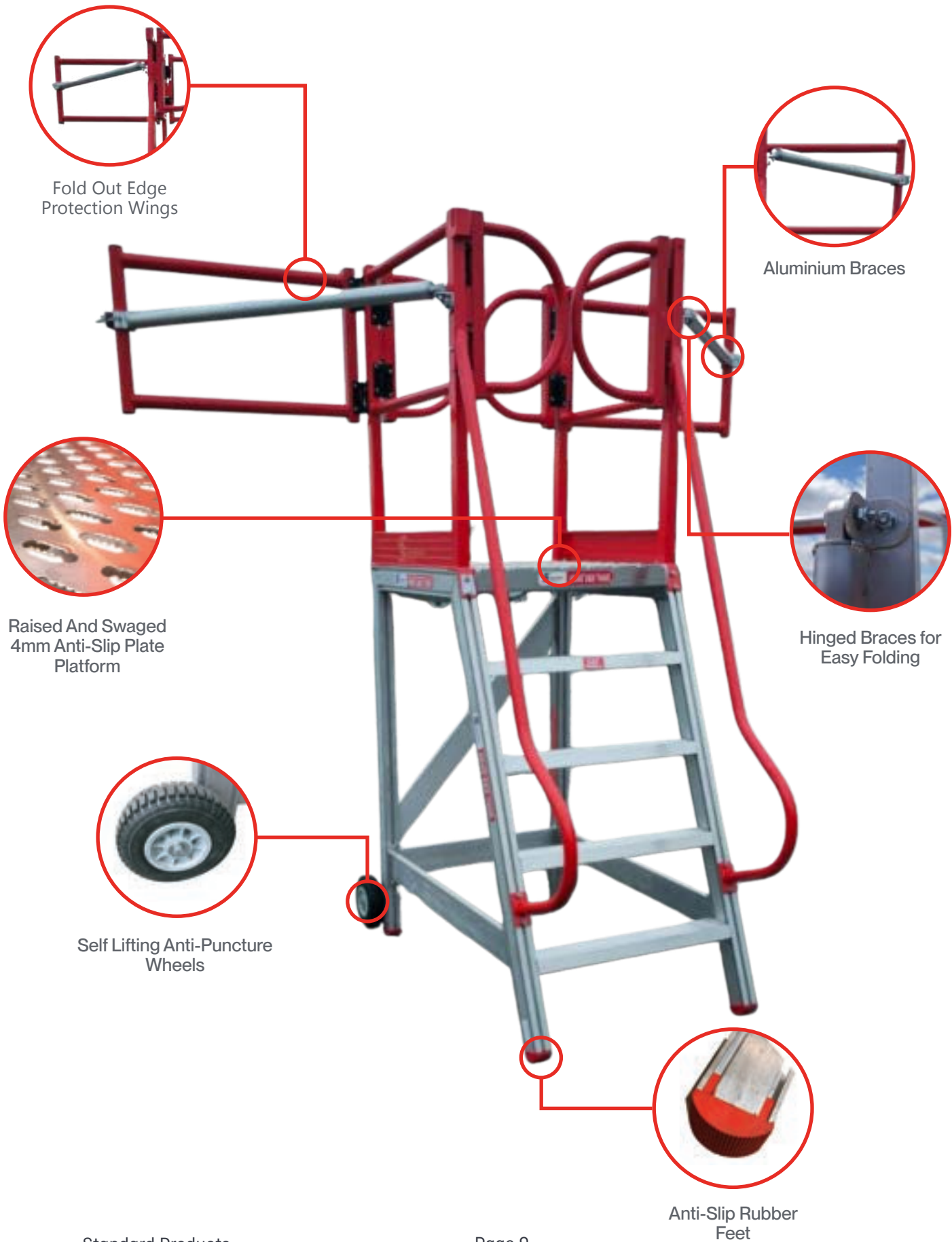


01 Standard Products TruckSafe Podium

A Closer Look



SCAN CODE
TO VIEW
VIDEO



01 Standard Products

SafeSmart Signature Series

Cantilever Platform

Code	Platform Height	Platform Size	Steps
210540	565mm	800 x 1800mm	2 Step
210541	850mm	800 x 1800mm	3 Step
210542	1130mm	800 x 1800mm	4 Step
210543	1400mm	800 x 1800mm	5 Step
210544	1700mm	800 x 1800mm	6 Step
210545	1970mm	1000 x 2000mm	7 Step
210546	2250mm	1000 x 2000mm	8 Step
210547	2540mm	1000 x 2000mm	9 Step
210548	2828mm	1000 x 2000mm	10 Step
210549	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



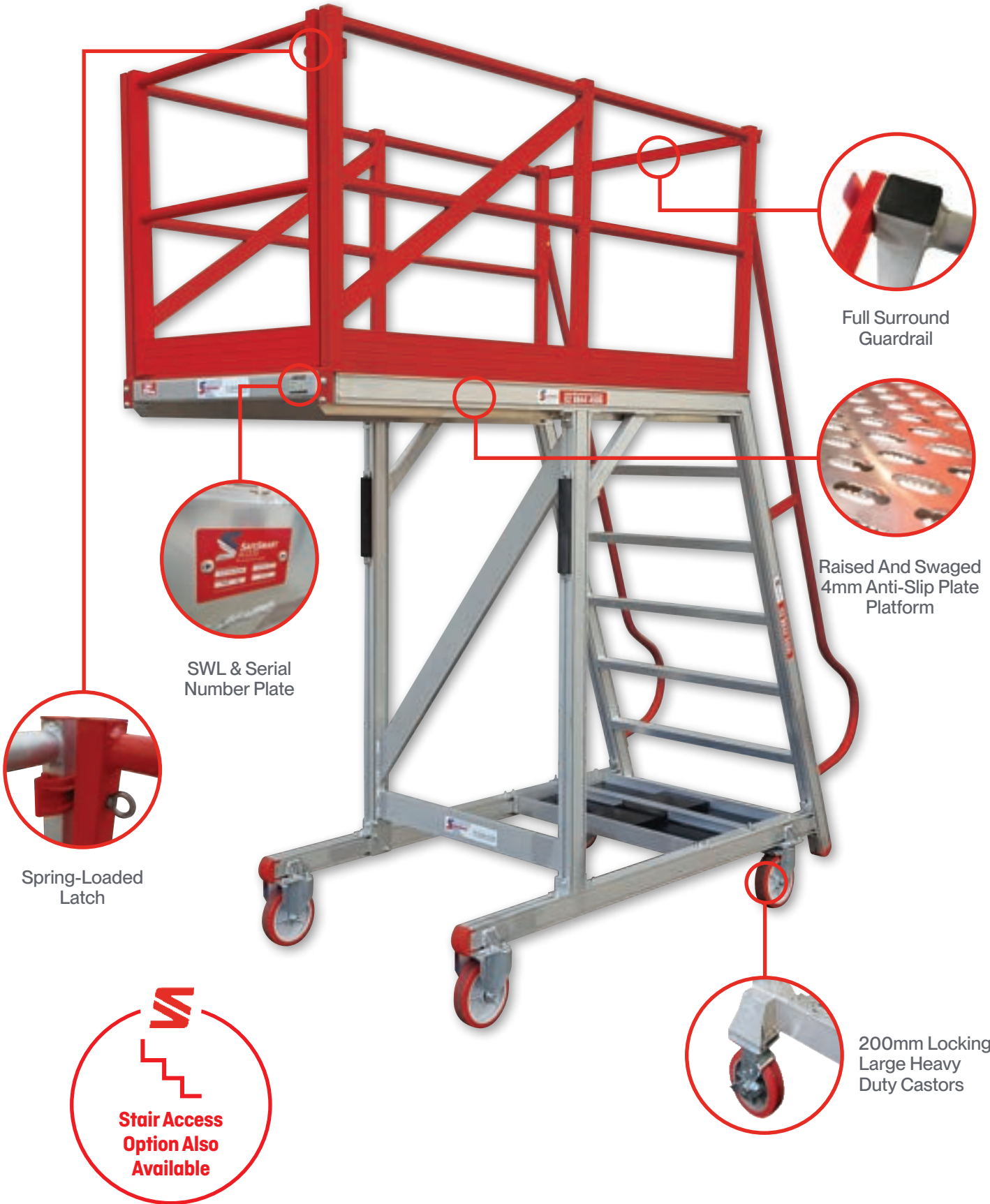
CLEARANCE FOR CANTILEVER PLATFORMS



01 Standard Products

Cantilever Platform

A Closer Look



Standard Products

Rail Access

Vehicle Access



Height Access Solutions
www.safesmartaccess.co.uk

01 Standard Products

SafeSmart Signature Series

EasyRaise

Code	Description	Platform Height
WHDPH04	4 - 8 Step	1.2m - 2.4m
WHDPH05	5 - 10 Step	1.4m - 2.8m
WHDPH06	6 - 12 Step	1.7m - 3.4m
WHDPH07	7 - 14 Step	2.0m - 3.95m
210103	EasyRaise Retrofit Forklift Channel Set of 2	

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-Step Platform (210371)

EasyRaise 4-Step Platform (210371)
6 Step Height Adjustment

EasyRaise 4-Step Platform (210371)
8 Step Height Adjustment

01 Standard Products

EasyRaise

A Closer Look



Drop Bar Gate

Spring-Loaded Latch

Raised And Swaged 4mm Anti-Slip Plate Platform

Protective Rubber Buffer

Enclosed Manual Winch

Counter-weighted for stability

Solid Non-Slip Tread

Forklift Channels Available

200mm Locking Large Heavy Duty Castors

Auto-Locking Height Adjustment System with Handle Release

Optional Height Adjustable Jacks & Foam Filled Rubber Wheels

01 Standard Products

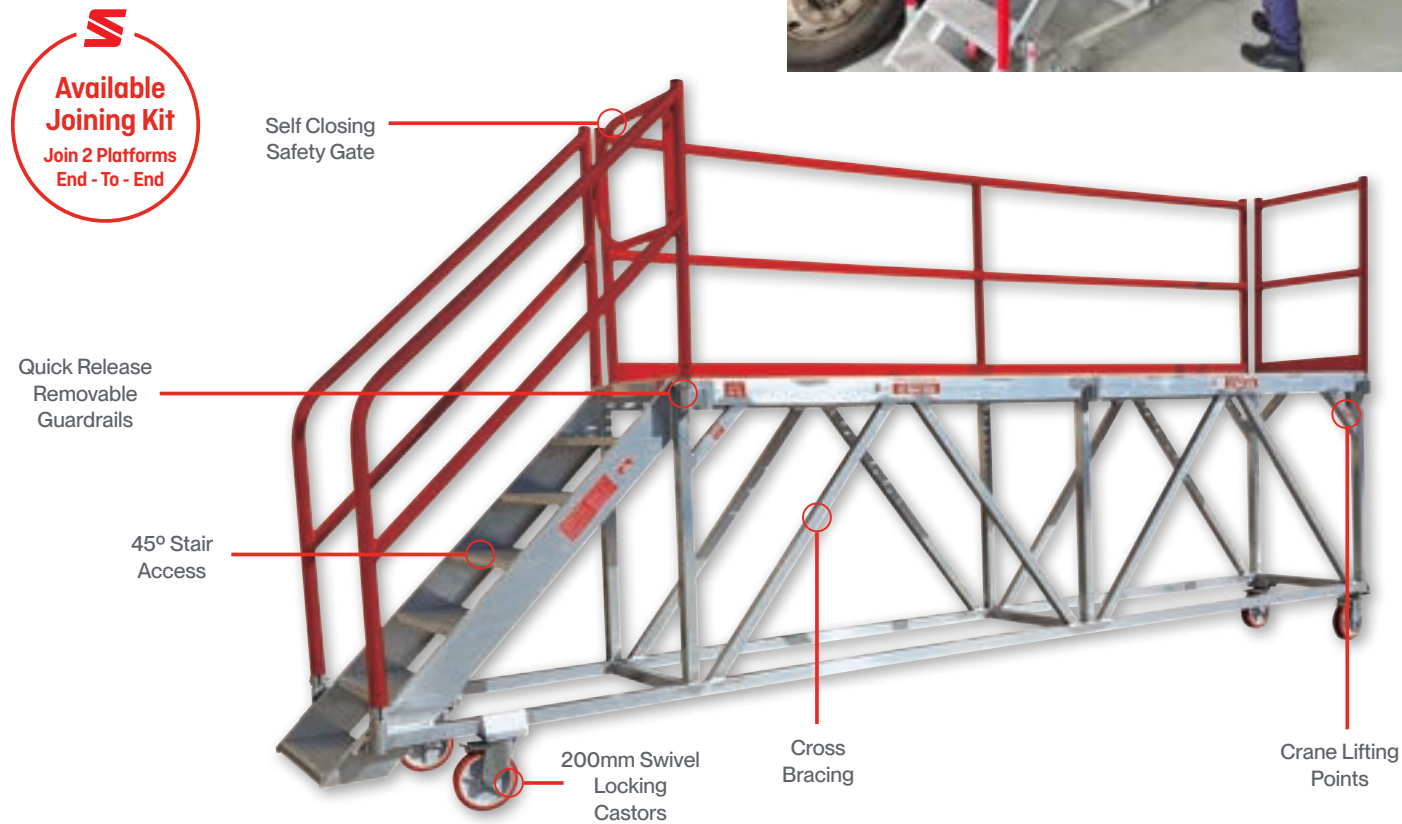
SafeSmart Signature Series

SafeLoader

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

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

- Comes standard with crane lifting points.
- Bolt-on forklifting channels available (ref. pg 13).
- Fully cross braced aluminium frame for a rigid platform.
- Self-closing gate at entrance to platform, as per BS EN 1004:2004.
- 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.



01 Standard Products

SafeLoader Castors & Adjustable Jacks

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

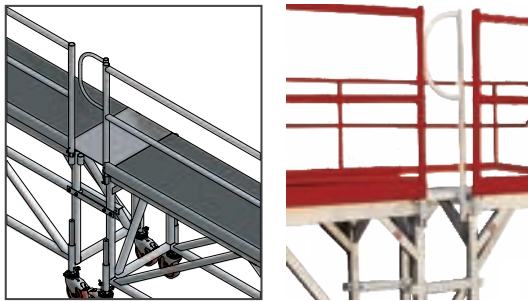
- Upgrade from the standard 200mm locking castors.
- Ideal for rough terrain & uneven surfaces.
- Puncture-proof solid rubber wheels.



SafeLoader Joining Kit

Code	Description
210193	SafeLoader Joining Kit

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



Retrofit Fork Sleeves

Code	Description
210697	Retrofit Fork Sleeves

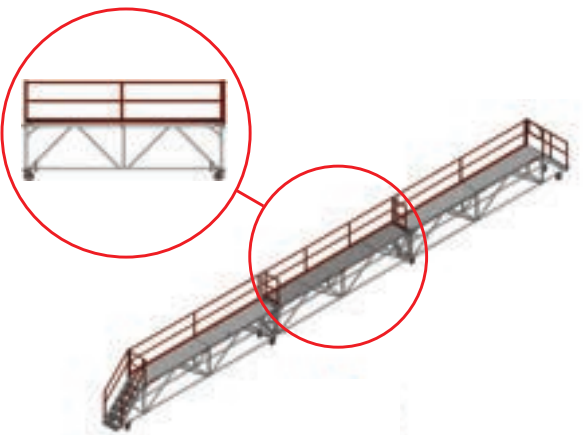
- Add to any standard SafeLoader for forklift transport around site.
- Simply bolts to SafeLoader structure.



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.



01 Standard Products

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.

225kg
SWL

Complies with
BS 2037:1994

Complies with
BS EN 131

Stair Access TruckSafe Podium

Type	Platform Height
2 Step	450mm
3 Step	675mm
4 Step	900mm
5 Step	1150mm
6 Step	1350mm
7 Step	1575mm
8 Step	1800mm
9 Step	2025mm
10 Step	2250mm

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



45 Degree Stair Access



01 Standard Products

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



01 Standard Products

AdjustaStairs

600mmW Aluminium (3-21 Steps)

Code	Steps	Height Range	Lying Length	Weight
210818	3	0.49m - 0.67m	0.8m	27kg
210813	6	0.97m - 1.33m	1.8m	41kg
210814	9	1.43m - 2.0m	2.7m	57kg
210815	12	1.91m - 2.67m	3.7m	74kg
210816	15	2.39m - 3.33m^	4.8m	102kg
210817	18	2.87m - 4.0m^	5.4m	119kg
210818	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
210833	6	0.94M - 1.3M	1.8m	35kg

- The perfect solution for electrical work.
- Adjustastairs Fibreglass is suitable for tasks within the rail sector that involve electrical systems and require non-conductive access tools.
- Mitigates electrical risks.



*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.

300kg
WLL

01 Standard Products

AdjustaStairs Accessories

AdjustaStairs For Truck & Large Vehicles

Code	Height Range	Lying Length	Weight
210796	0.97m - 1.33m	1.8m	41kg

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

2.5kPa
SWL

Complies with
BS EN 12811-1



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.



01 Standard Products

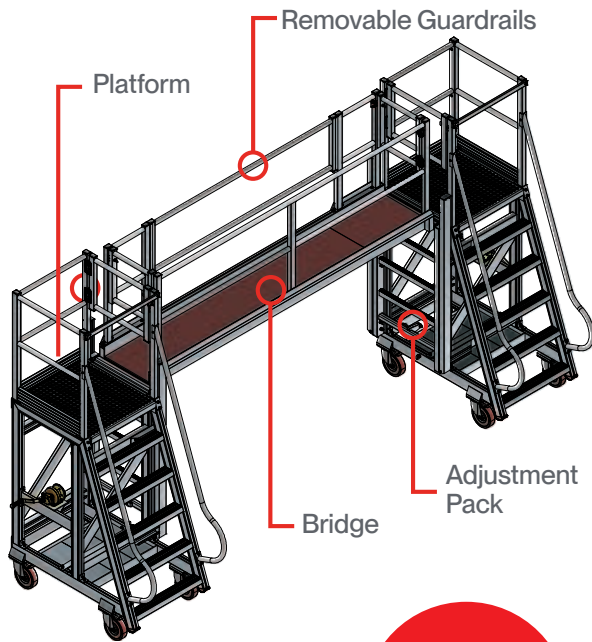
SafeSmart Signature Series

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

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

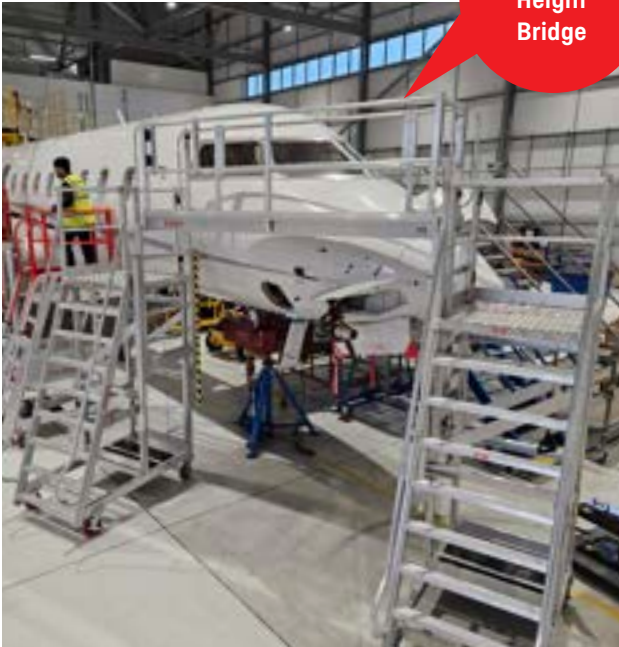
Complies with
BS EN ISO 14122



01 Standard Products



Adjustable
Height
Bridge

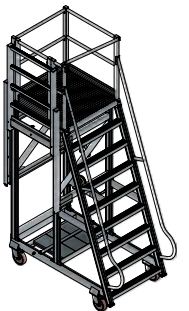


Customise Your
BridgeDeck

Step 1: Choose Your Platform



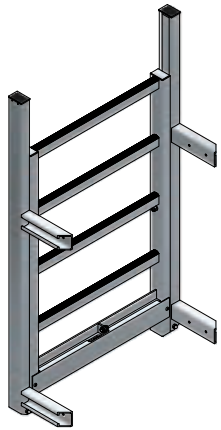
BridgeDeck 6 Step
Base Platform



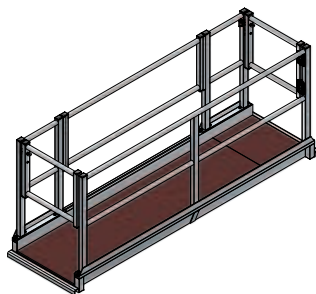
BridgeDeck 9 Step
Base Platform

Step 2: Choose Your Height
Adjustment Pack

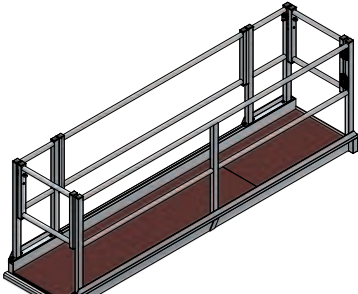
900mm height adjustment packs can be used on both the 6 and 9 step BridgeDeck platforms, 1200mm packs can be used with the 9 step platforms only.



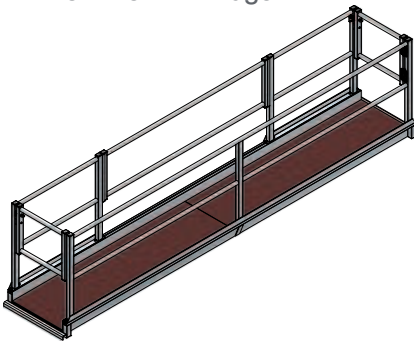
Step 3: Choose Your Bridge Length



2.5m x 0.71m Bridge



3.0m x 0.71m Bridge



4.2m x 0.71m Bridge



SCAN CODE
TO VIEW
VIDEO

01 Standard Products

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)

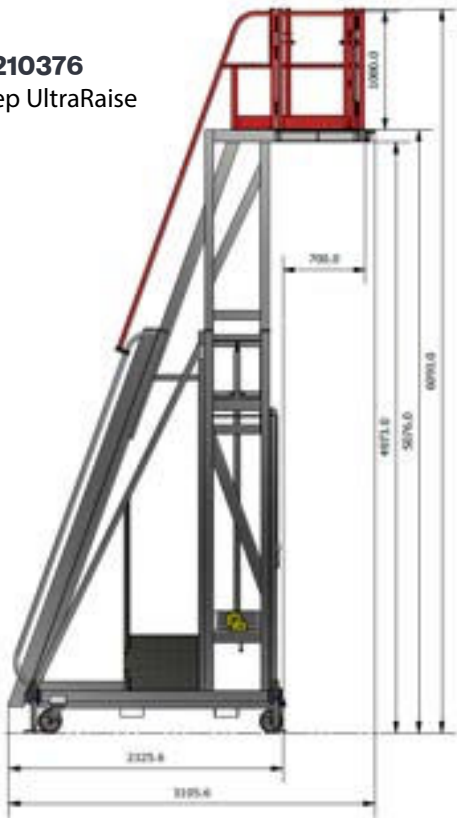
- Platform height and bridge lengths are customisable.
- Massive height adjustment range!
- Compact and mobile for easy deployment and use in tight workshops.
- 700mm clear cantilever regardless of the height it is set at.
- Height adjustable platform with a manual winch.
- 3 access directions off the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



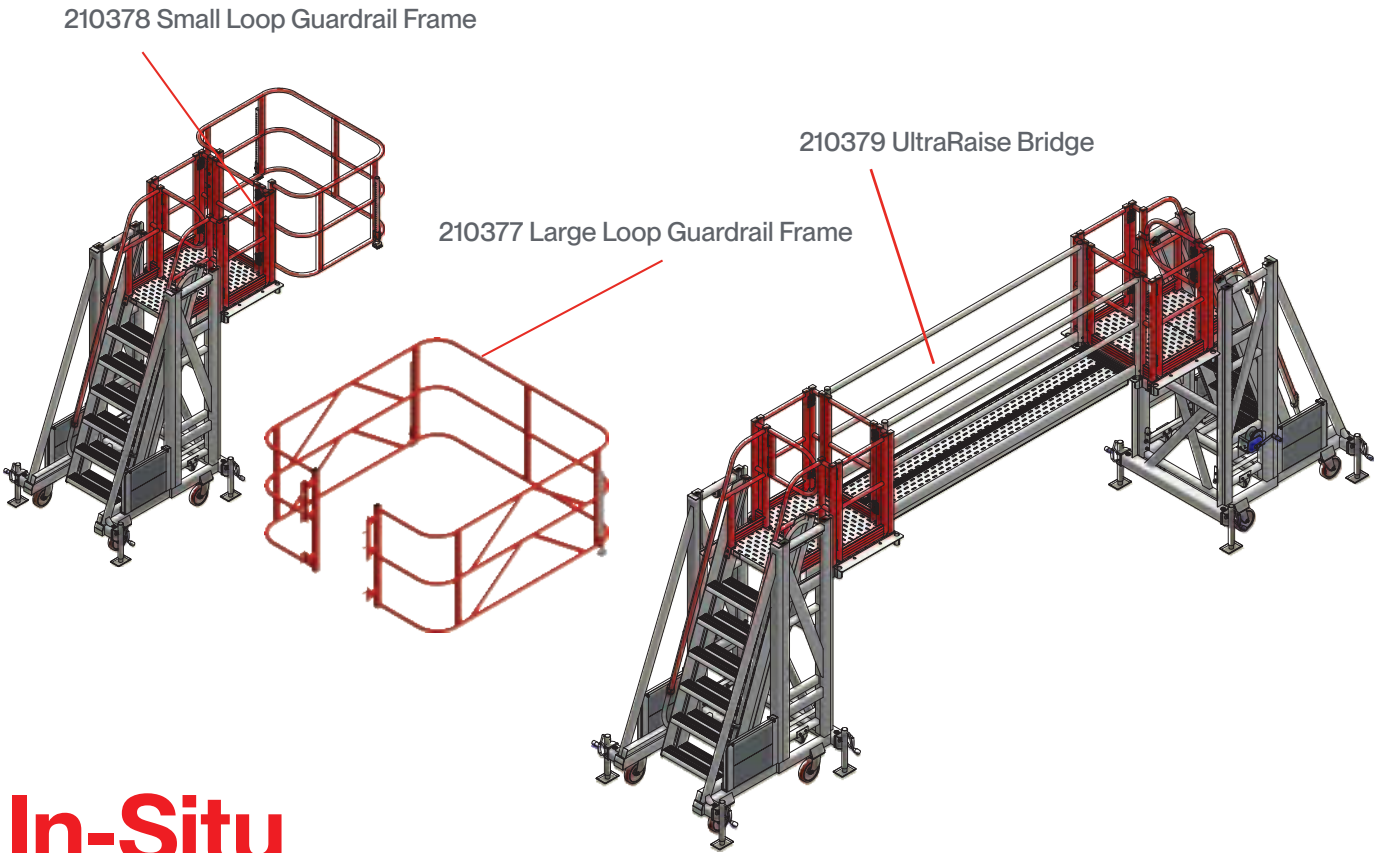
210376
10 Step UltraRaise



01 Standard Products

UltraRaise

Accessories & Gallery



In-Situ



01 Standard Products

SafeSmart Signature Series

Super Service Stand

Code	Platform Height	Platform Size	Steps
210570	550mm	800mmL x 900mmW	2 Step
210571	825mm	800mmL x 900mmW	3 Step
210572	1100mm	800mmL x 900mmW	4 Step
210573	1350mm	800mmL x 900mmW	5 Step
Guardrails Sold Separately			
210574	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.
- 60° 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



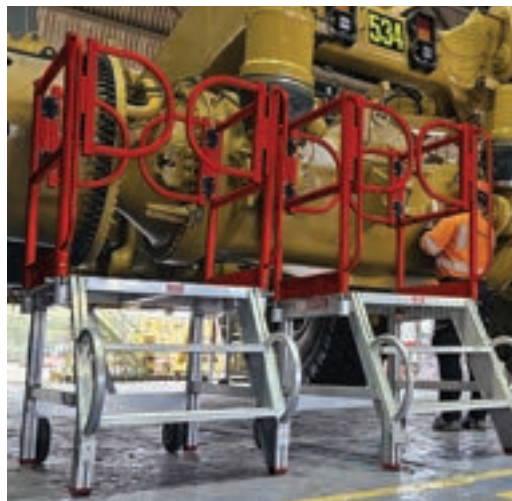
Platform shown

without handrails



Handles for manoeuvrability,

simply lift to engage the front wheels.



01 Standard Products

Super Service Stand

A Closer Look



Quick-Release

Handrails



Raised And Swaged

4mm Anti-Slip Plate

Platform



Handrails For

Manoeuvrability



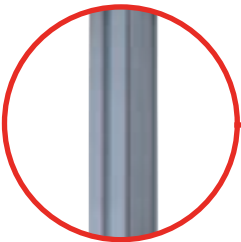
Ultra-Wide

Step Treads



Heavy-Duty Box

Aluminium Frame



01 Standard Products

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	445mm	567mm
210737	3 Step	727mm	849mm
210738	4 Step	1009mm	1120mm
210739	5 Step	1070mm	1120mm
210740	6 Step	1201mm	1316mm
210741	7 Step	1291mm	1406mm
210742	8 Step	1573mm	1694mm
210640	9 Step	1854mm	1976mm
210641	10 Step	2136mm	2258mm
210642	11 Step	2418mm	2540mm
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.

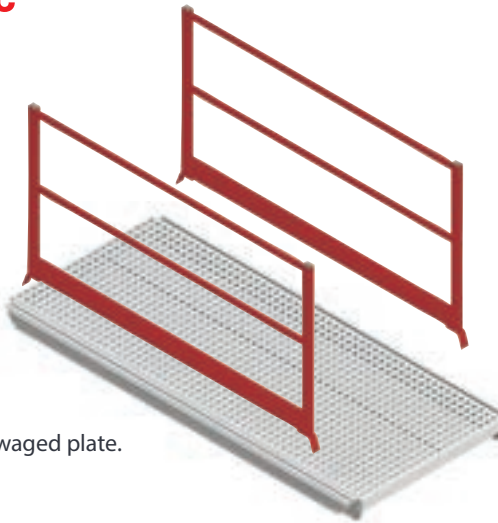


01 Standard Products

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



Height Access Solutions
www.safesmartaccess.co.uk

01 Standard Products
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)



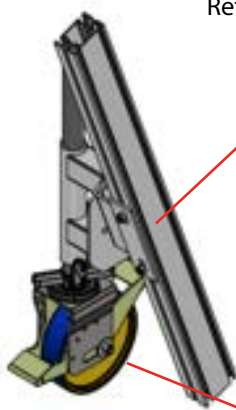
210899
Batwing Gates



210788
70° Ladder Brace



210789
90° Ladder Brace



210630
Retrofit Wheel Kit
Bracket

230235
Heavy-duty Adjustable
Height Castor



210681



01 Standard Products
Modular StepOver Applications





Aluminium Mini Mobile Scaffold

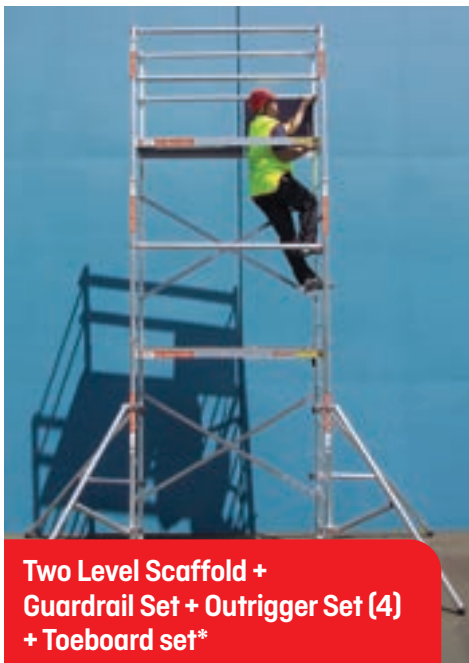
Code	Description	Max Plat. Height	Max Reach Height
210780	Standard Scaffold & Guardrail Set*	1.9m	3.9m
210781	Two level Scaffold & Guardrail Set & Outrigger Set (4) & Toeboard Set*	3.7m	5.7m
210011	Adjustable Height Castors (optional)		
210012	Toe Board Set		
HS027	Stand Off Ladder		

*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



01 Standard Products
Aluminium Mini Mobile Scaffold
A Closer Look



Expanding Spigots
For Easy Locking
Mechanism



210781 Pictured
With Stand Off
Ladder



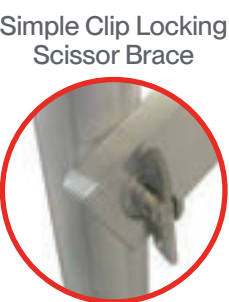
Channel Locking
Platform System
- Reduces Bracing
Needed



Fully Welded
Frames



Ergonomically
Designed Hand
Tightening Couplers



Simple Clip Locking
Scissor Brace



225kg
SWL

Complies with
BS EN 1004

01 Standard Products

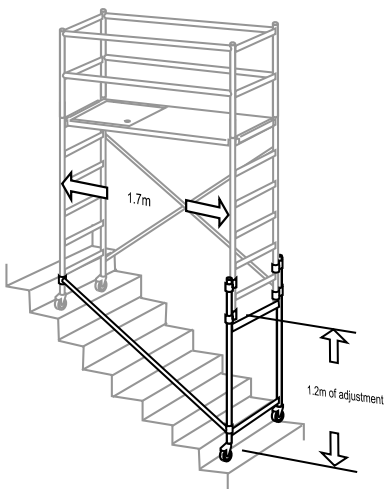
Mini Mobile Expansion Scaffold

All Terrain Stair Pack

Code	Description
210015	Diagonal Brace & Adjustable End Frame

Code	Description
230233	Height Adjustable Base Jack (ea.)

Complies with
BS EN 1004



- 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.



Optional Height Adjustable Castors

Hand tightening Couplers

Height Adjustable H Frame

H Frame Finger Tightening Lock



Optional Height Adjustable Castors

Hand tightening Couplers

Height Adjustable H Frame

H Frame Finger Tightening Lock

01 Standard Products

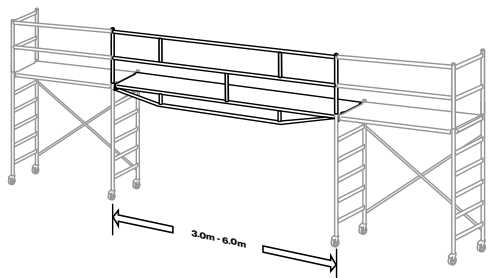
Mini Mobile Expansion Scaffold

Long Board Set

Code	Description
210004	1.0m (set)
210005	1.5m (set)
210006	2.0m (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

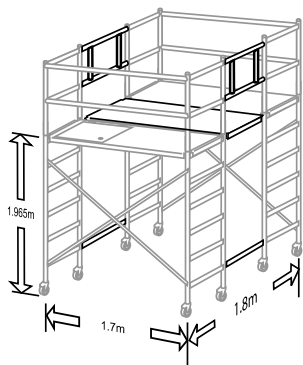


Wide Board

Code	Description	Length
210013	Wideboard & Ladders	1.7m

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

Complies with
BS EN 1004

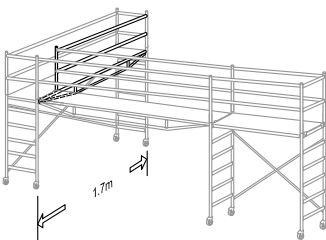


Corner Pack

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



01 Standard Products

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".

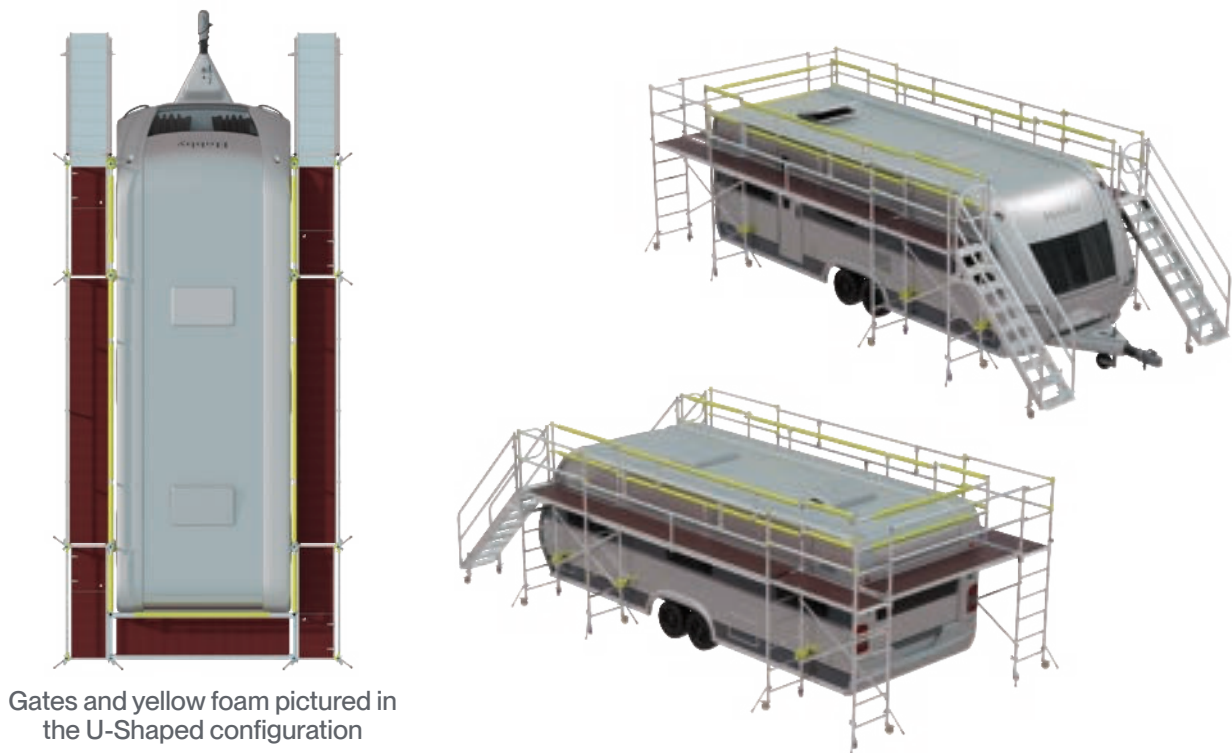
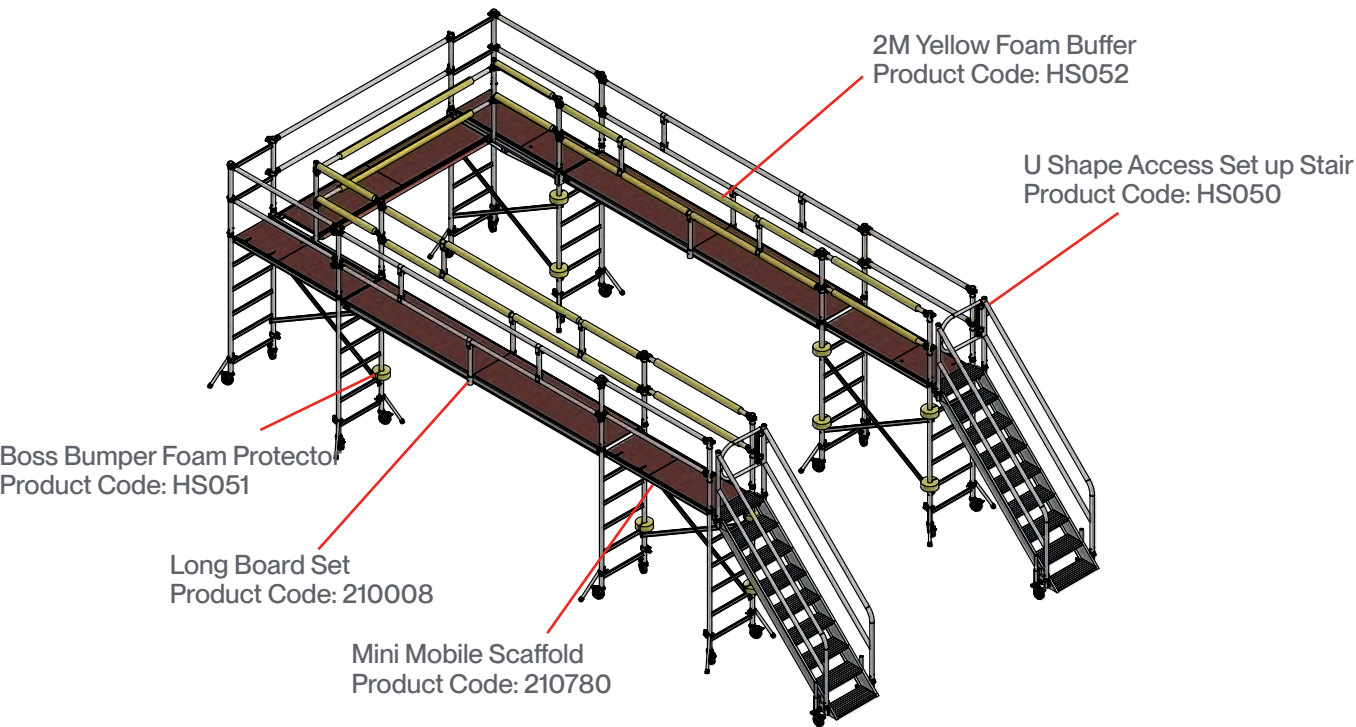
— Construction Manager.

*See U-Shaped Vehicle Access Platform pg21

01 Standard Products

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.



| Section 02 Rail Solutions

HEAVY PASSENGER RAIL	38 - 65
LIGHT RAIL	66 - 73
FREIGHT RAIL	74 - 84



Heavy Passenger Access

Access Made Easy.
Safety Made Certain.



Standard Products

Rail Access

Vehicle Access



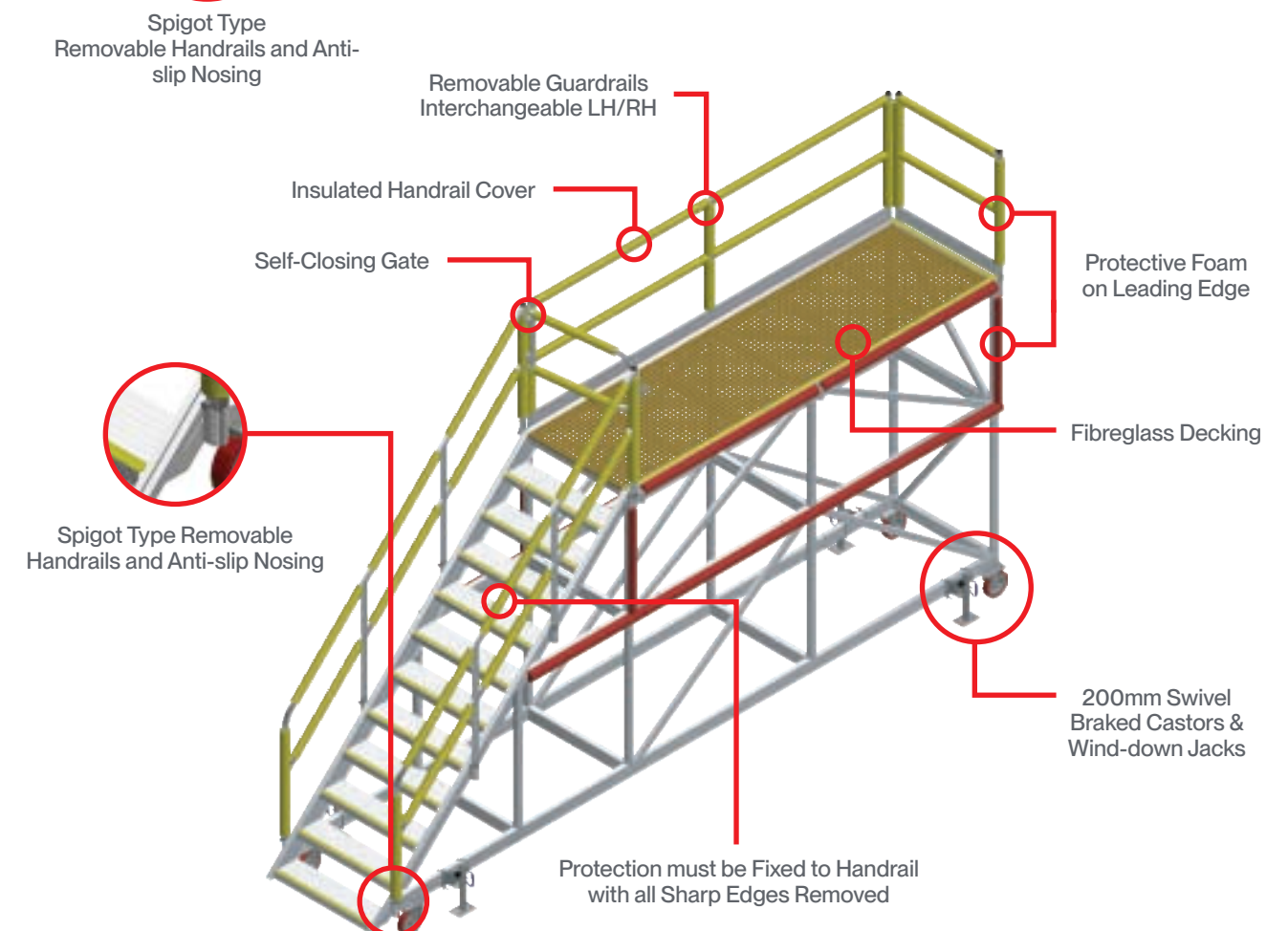
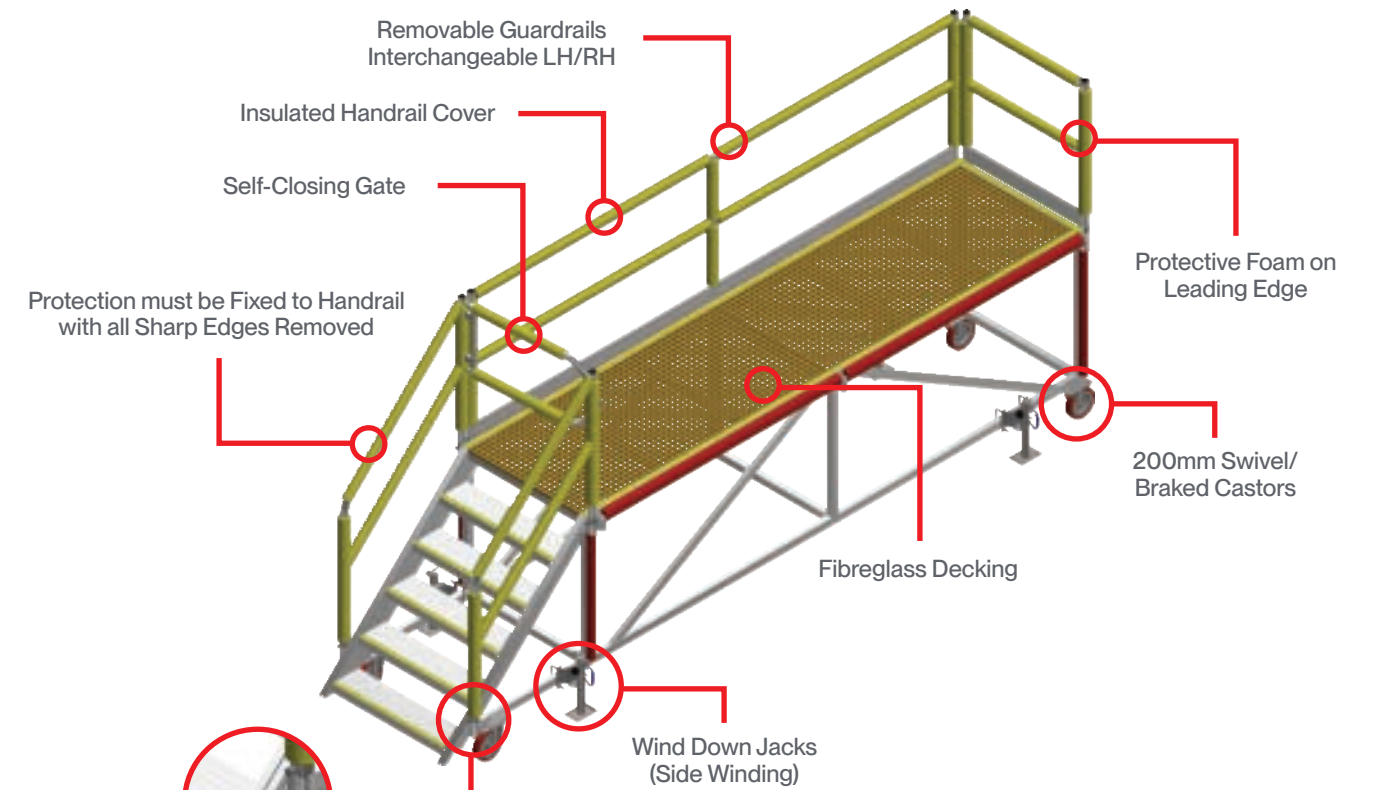
02 Rail Access

Saloon Door Maintenance and Access Platforms

- Wind down jacks for secure locking and stability.
- Large foam filled pneumatic tyres for easy relocation across rail lines.
- 45° stair access with stair nosings for improved safety and usability.
- Earthing lugs for enhanced operator safety.
- Foam buffers to prevent damage to the train body.
- Spacious platform to accommodate tools and streamline maintenance tasks.



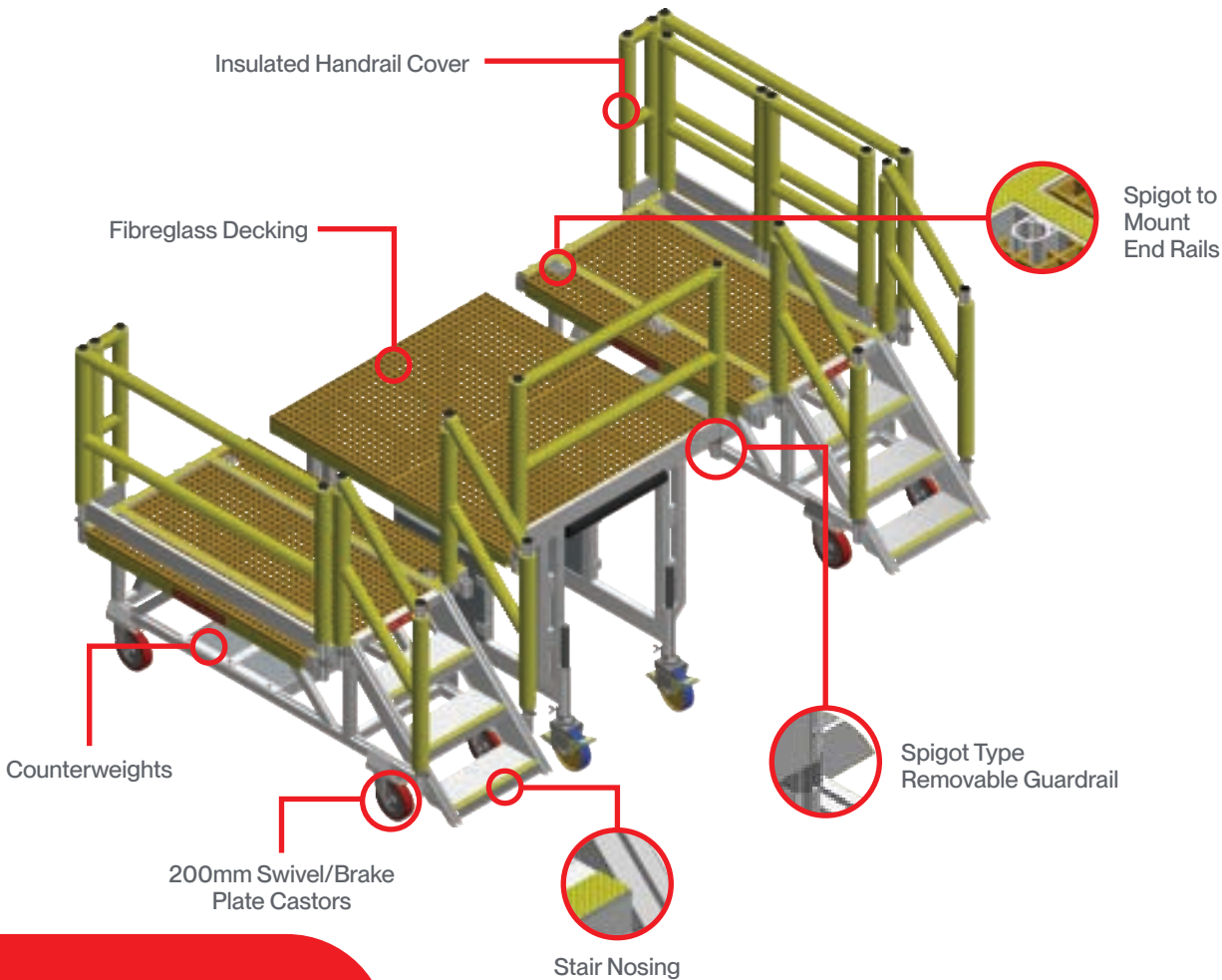
02 Rail Access



02 Rail Access

Mobile Coupler Access Platform

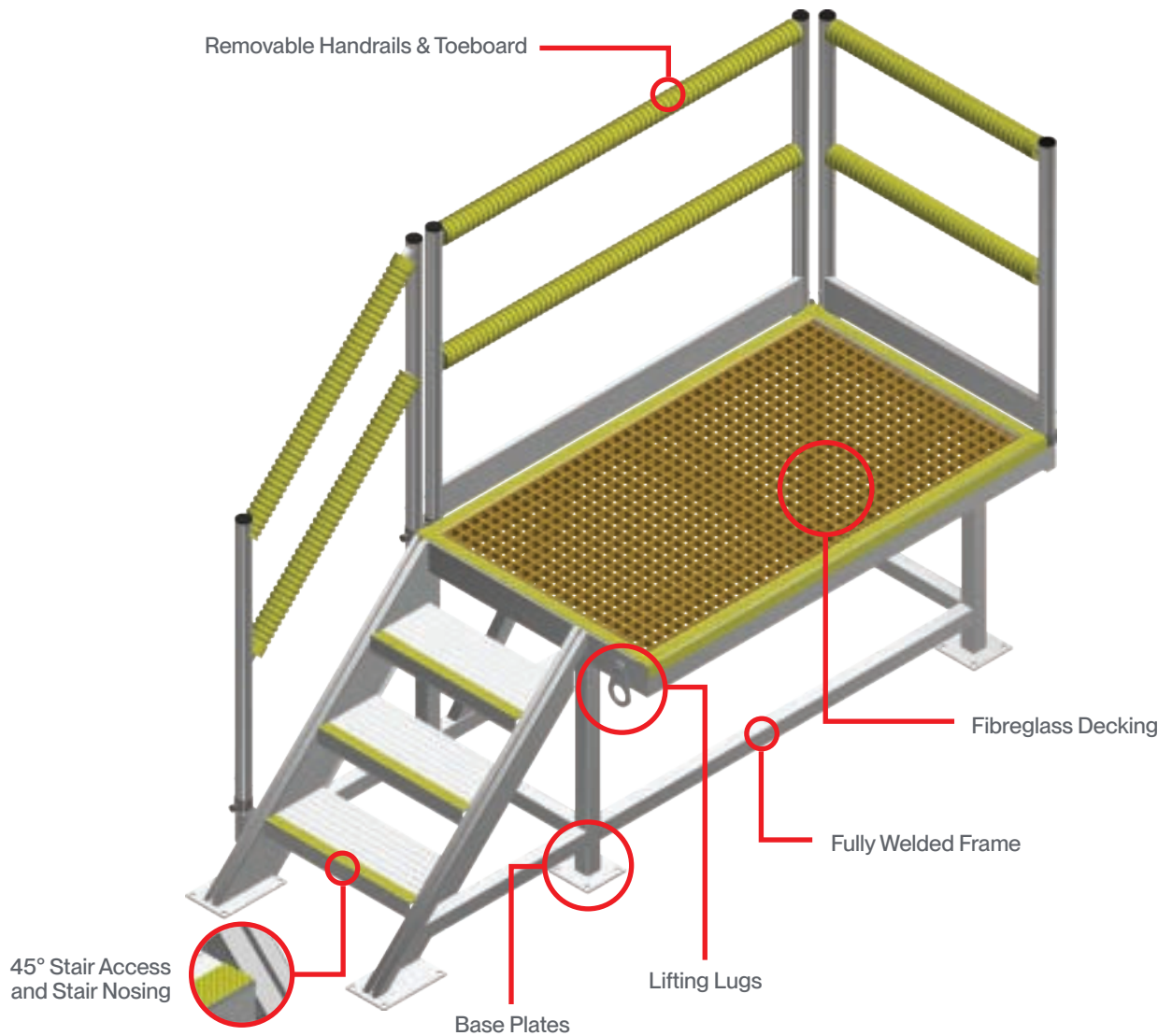
- Large work area providing easy access to all points of the coupler.
- Mobile on heavy-duty 200mm swivel castors for effortless relocation.
- Removable guardrails to allow safe train movement.
- Reversible guardrails for quick and flexible access point changes.
- Counterweighted design ensures stability.
- 45° stair access for safe entry with tools and parts.
- Cantilevered to minimise gap to the rail.
- Integrated lifting points for simple and safe relocation.



02 Rail Access

Fixed Coupler Access Platform

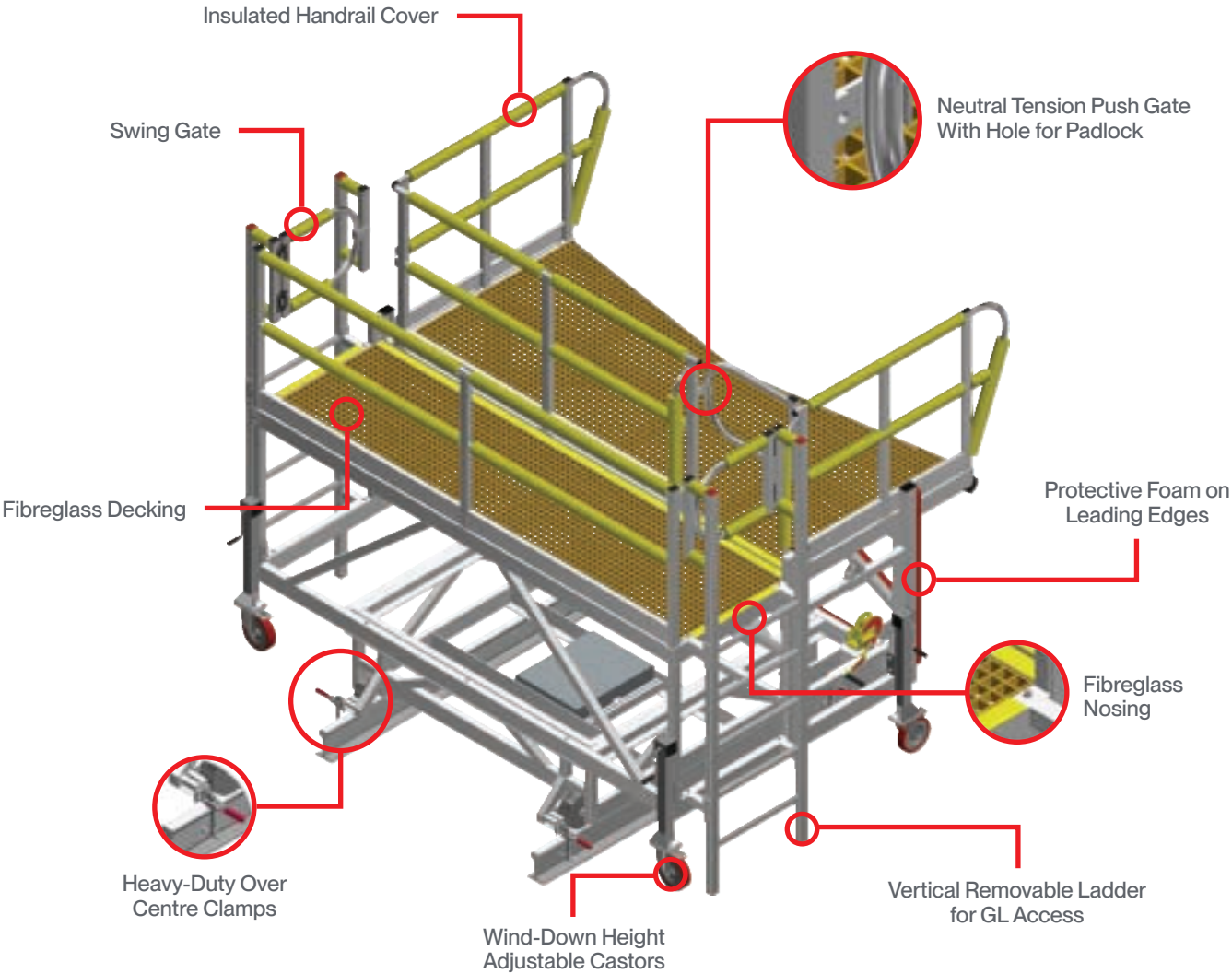
- Large work area for full access to all points of the coupler.
- Removable guardrails enables safe train movement.
- Precise rail clearance ensuring unobstructed train passage.
- 45° stair access, safe entry with tools and parts.
- Cantilevered design to minimise the gap to the rail.
- Reversible guardrails for quick and flexible access point changes.



02 Rail Access

Adjustable Height Front of Train Access Platform

- Provides safe, easy access for repair, removal, and replacement of train windscreens, headlights, and wipers.
- Adjustable version available for access to external destination displays.
- 45° stair access allowing tools and components to be carried safely onto the platform.
- Precision-fitted platform edge designed to match the train front and eliminate unsafe gaps.
- Foam rubber buffers to prevent damage to the train during use.



Standard Products

Rail Access

Vehicle Access



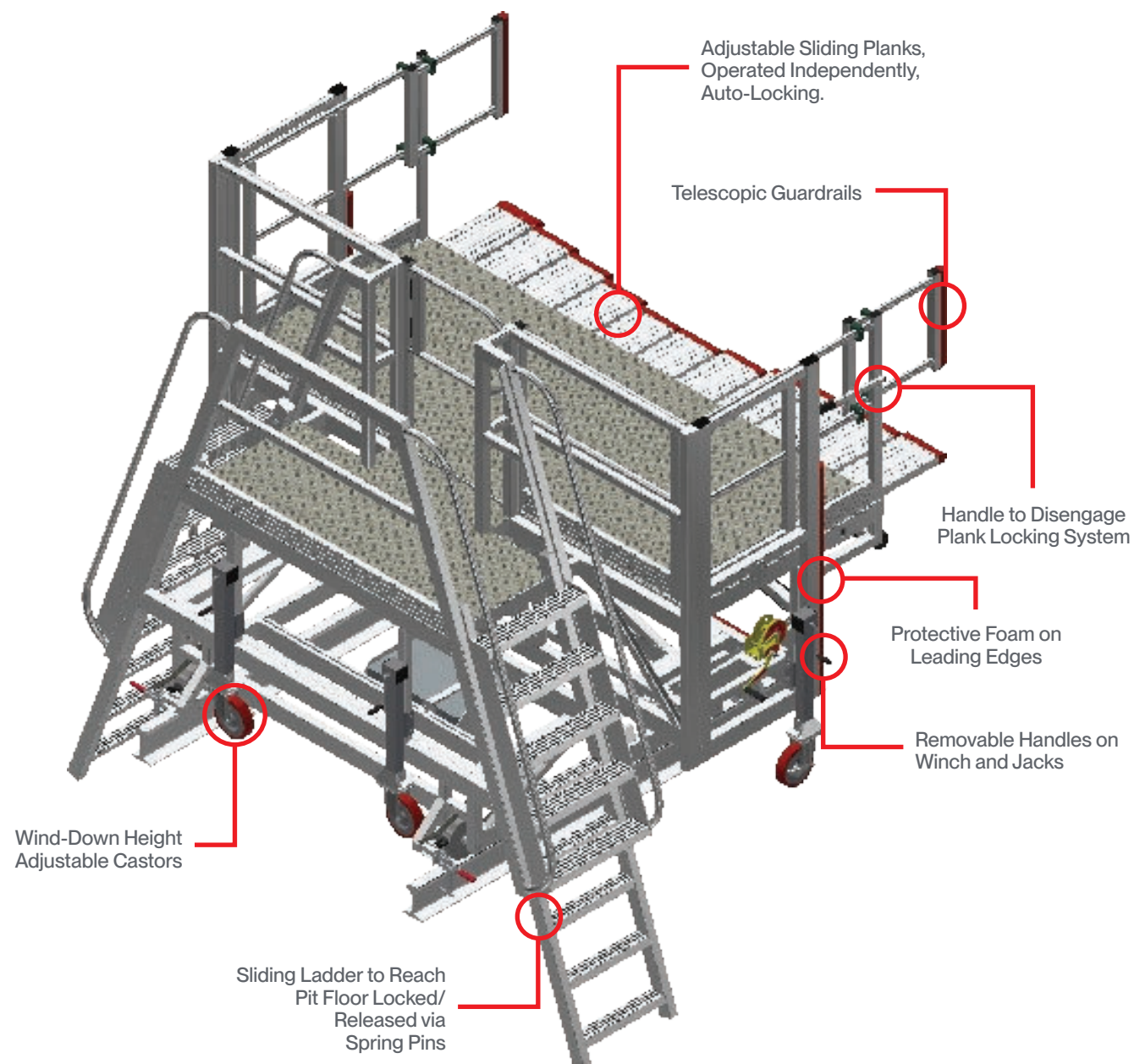
02 Rail Access

Front of Train Access Platform - Adjustable Stairs & Sliders

- Autolocking sliding fingers along the leading edge, adjustable for a perfect fit against the front of the train.
- Height adjustable platform via winch mechanism.
- Telescopic guardrails to safely close gaps between the platform and the train.
- Telescopic ladder allows for use over the rail pit or on level ground.
- Wind-down wheel jacks Wind-down wheel jacks for smooth movement to storage or maintenance roads.

1000kg
WLL

1000kg WLL refers to a distributed load and not a point load. Load on Sliders do not exceed 225kg.

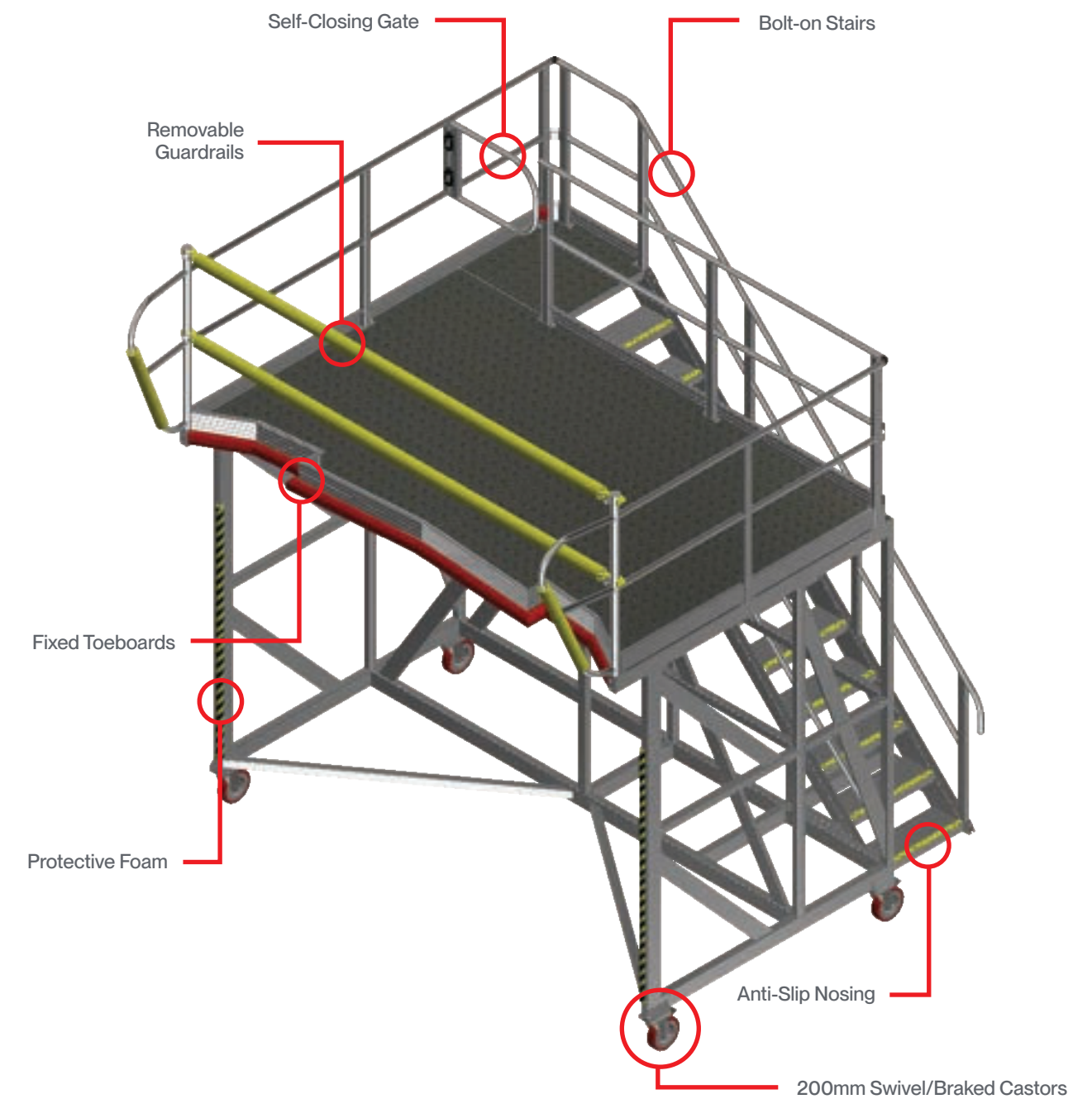


02 Rail Access

Front of Train Windscreen Access Platform

- Stair access to the platform allowing tools and parts to be carried to and from the workspace.
- Removable guardrails on the leading edge, preventing fall during windscreen removals.
- Leading edge is profiled to suit the front of train, removing any gaps.
- Foam buffering along leading edge to prevent scratching and marking on the train.

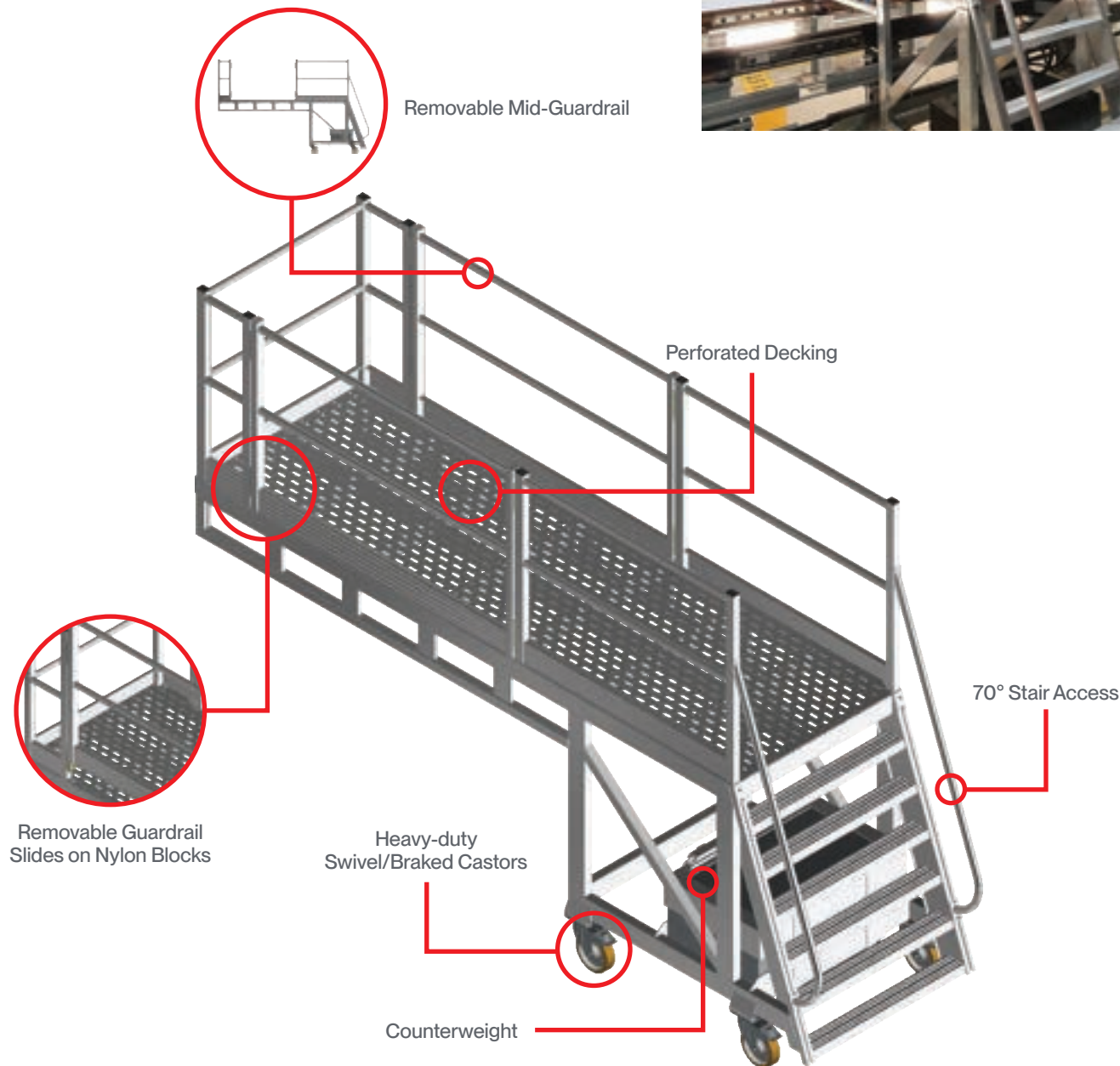
500kg
WLL



02 Rail Access

Custom Cantilever Platform

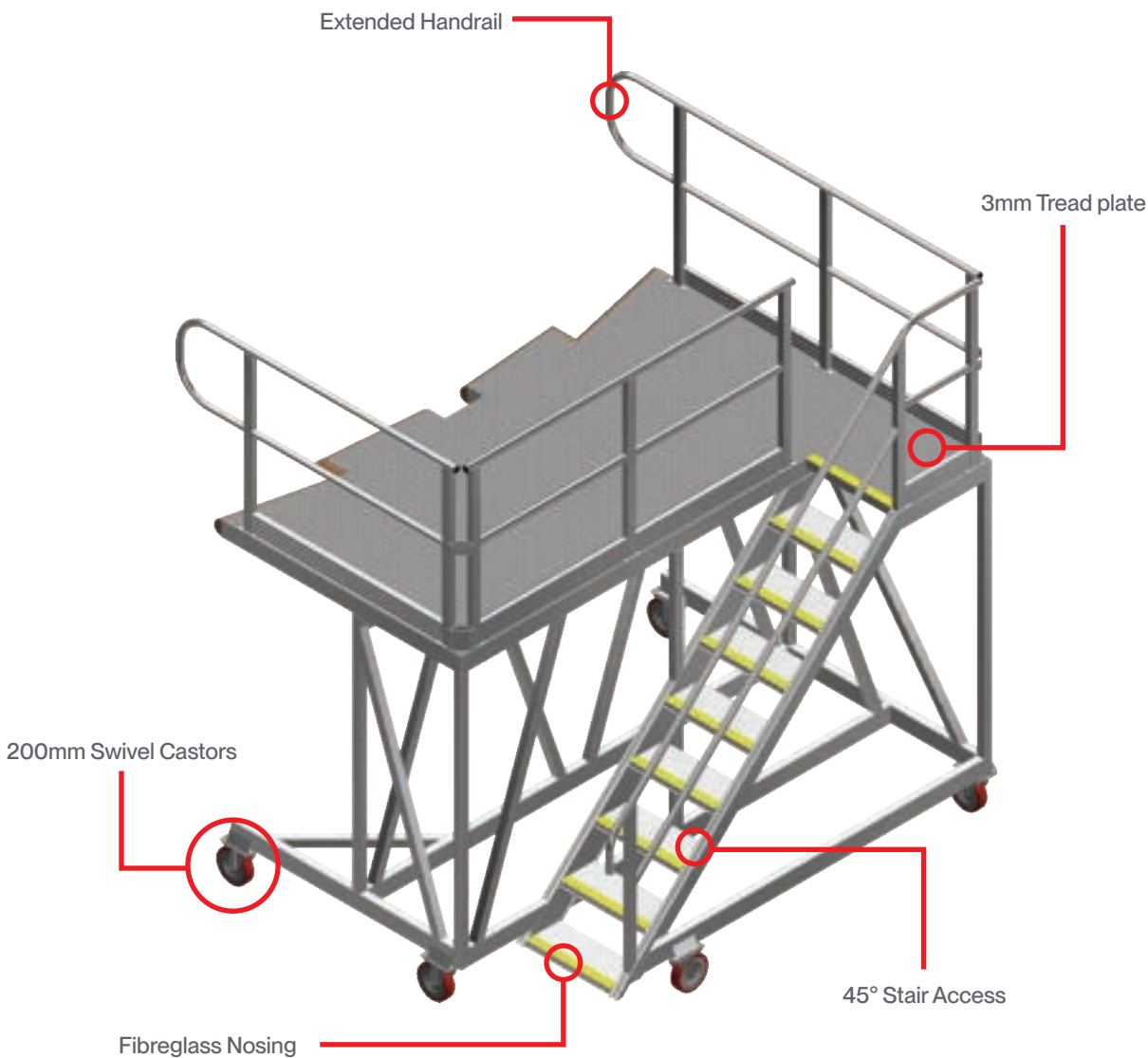
- Large platform providing ample space for maintenance tasks.
- Heavy-duty load capacity to accommodate 2 people with tools.
- Removable guardrail frames and storage points to allow easy access to the work area.
- 2.25mL clear cantilever allowing access across the elevated rail and front of the train.
- Heavy-duty castors for smooth and easy relocation.
- Counterweighted design for enhanced stability.
- Large stile treads ensuring safe access to the platform.



02 Rail Access

Windscreen Platform

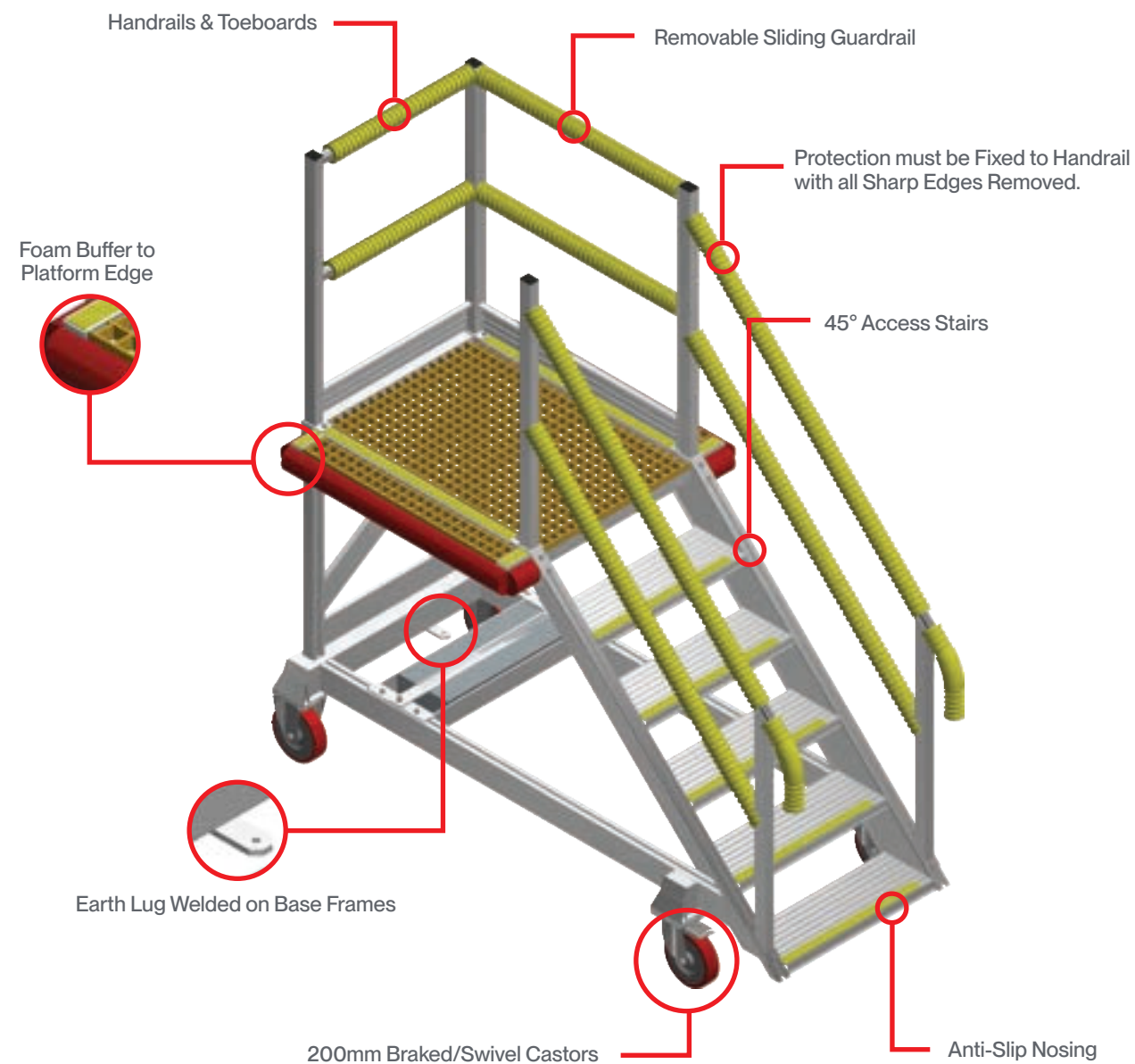
- Provides safe, easy access for repair, removal, and replacement of train windscreens, headlights, and wipers.
- Adjustable version available for access to external destination display.
- 45° stair access allowing tools and components to be safely carried onto the platform.
- Precision-fitted platform edge to eliminate unsafe gaps at the front of the train.
- Foam rubber buffers to prevent damage of the train during use.



02 Rail Access

Passenger Driver Door Access Platform

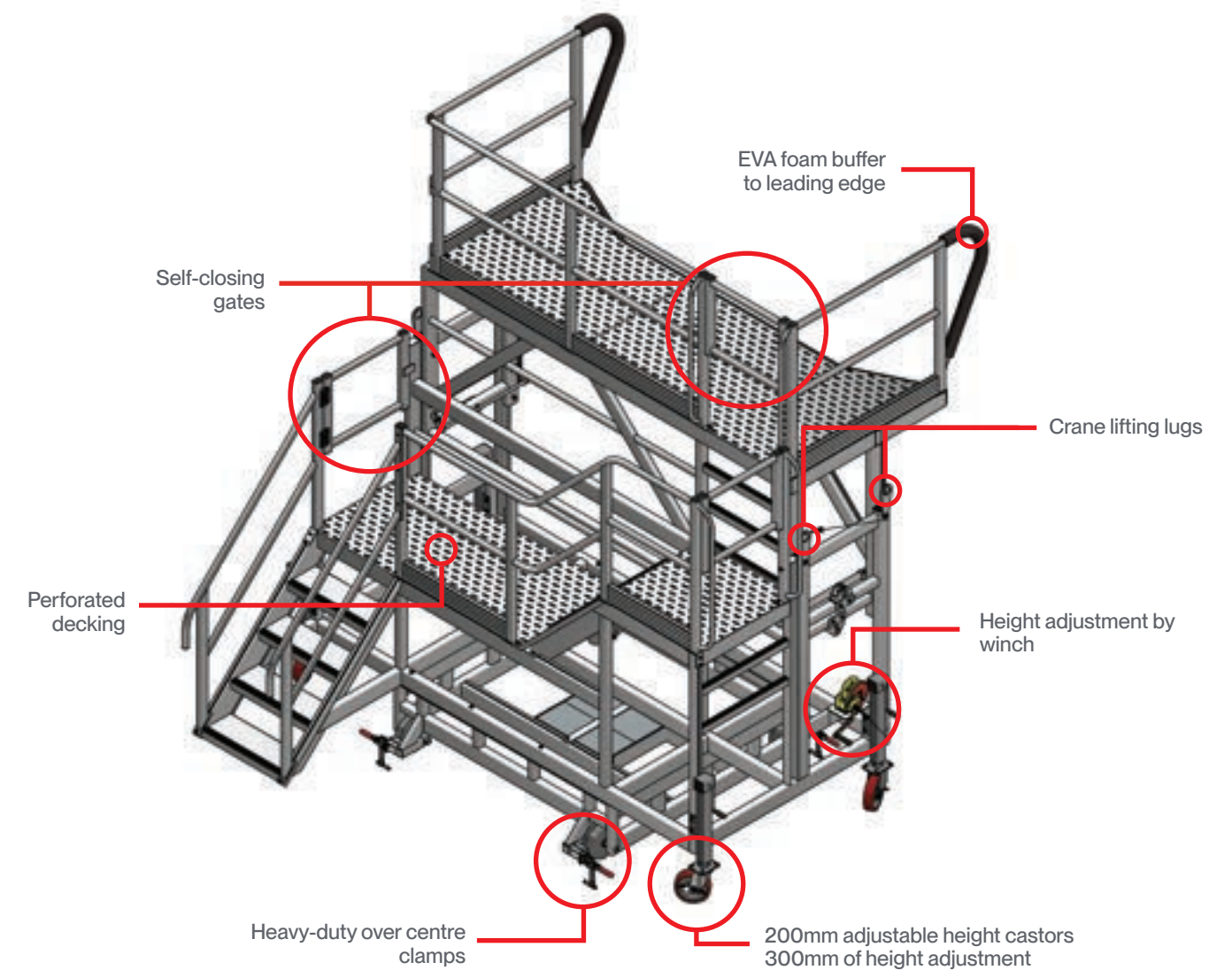
- Side access for narrow work areas.
- Foam buffers to protect the train car body.
- Large griptread stair treads and stair nosing for superior grip.
- Raised and swaged decking for safe access in wet and greasy conditions.
- Wind-down jacks for levelling and braking.
- Swivel braking castors for easy manoeuvrability.



02 Rail Access

Adjustable Train Maintenance Platform

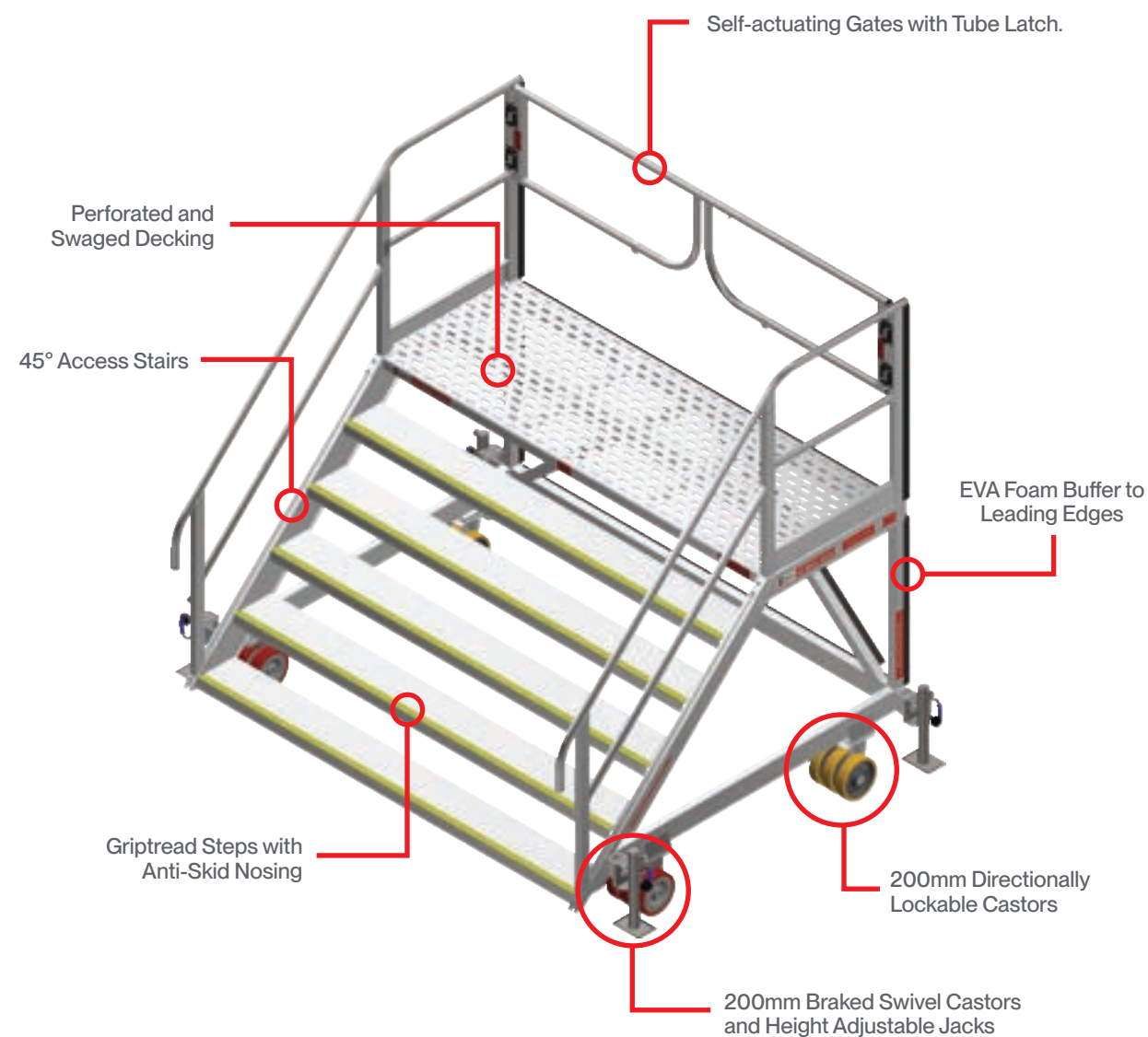
- Rail track wheels enables the platform to be positioned at the front of the train, regardless of parking position.
- Height-adjustable platform providing access to the windscreen, wipers, lights, horn, and hornwell area.
- Angled guardrails to safely close gaps between the platform and the train.
- Foam buffers along the leading edge to prevent scuffing or marks on the train.
- Multiple access points for entry from fixed gantries or ground level.
- Wind-down wheel jacks for easy movement to storage or maintenance roads.



02 Rail Access

Passenger Door Access Stair

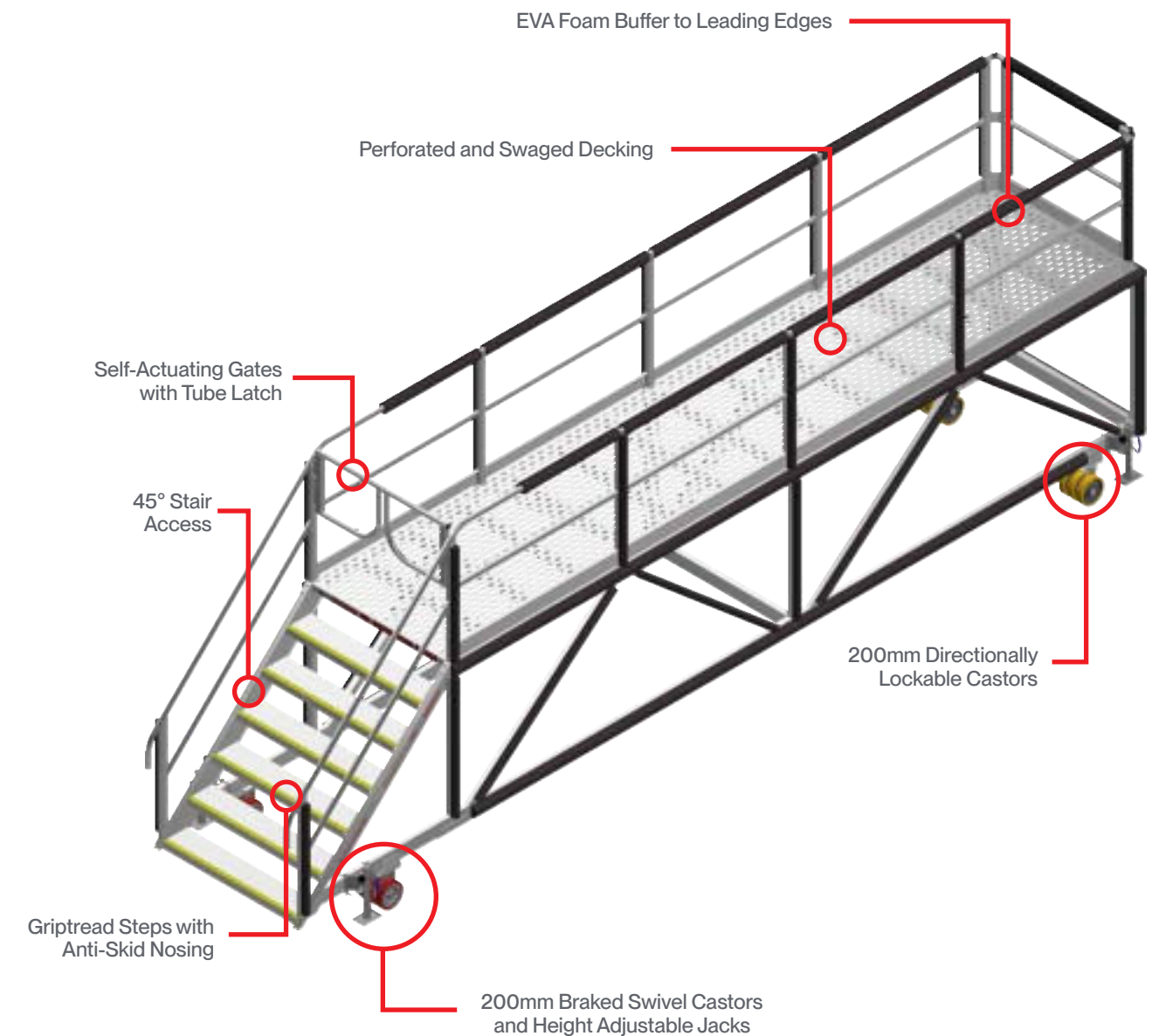
- Wide platform covering the entire passenger door width.
- Sturdy tube latch gates provide continuous handrail support.
- 45° stair access for safe transport of tools and parts onto the platform.
- Large griptread stair treads with nosings for superior safety.
- Wind-down jacks for accurate levelling.
- Large 200mm castors triple-wheel castors for smooth movement across rail tracks.
- Raised and swaged decking for safe access in slippery and wet conditions.
- Foam buffering to protect train car body from scratches and damage.



02 Rail Access

Saloon Car Access Platform

- Large platform providing access for multiple personnel and large parts.
- Sturdy tube latch gates offering continuous handrail support.
- 45° stair access for safe transport of tools and parts onto the platform.
- Large griptread stair treads with nosings for enhanced safety.
- Wind-down jacks for precise levelling.
- Large 200mm triple-wheel castors for smooth movement across rail tracks.
- Raised and swaged decking for safe access in slippery or wet conditions.
- EVA Foam buffers to protect the train car body from scratches and damage.

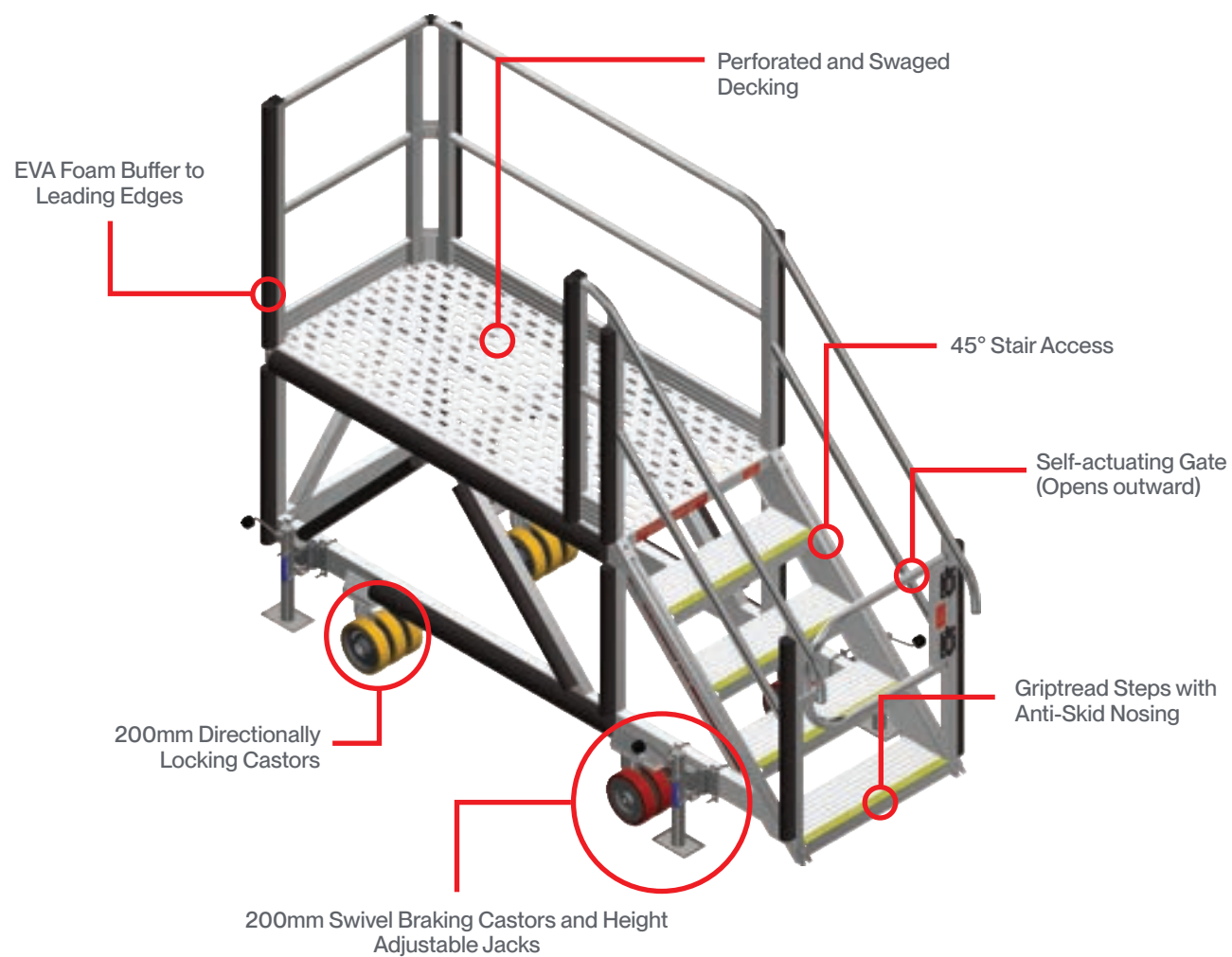


02 Rail Access

Driver Door Access Platform

- Side access for narrow work areas.
- Foam buffers to protect the train car body.
- Large griptread stair treads with stair nosings for superior grip.
- Raised and swaged decking for safe access in wet or greasy conditions.
- Wind-down jacks for levelling and secure braking.
- Swivel braking castors for easy manoeuvrability.
- Large 200mm triple-wheel castors for easy movement across tracks.
- Self-closing gates for added safety.

300kg
WLL

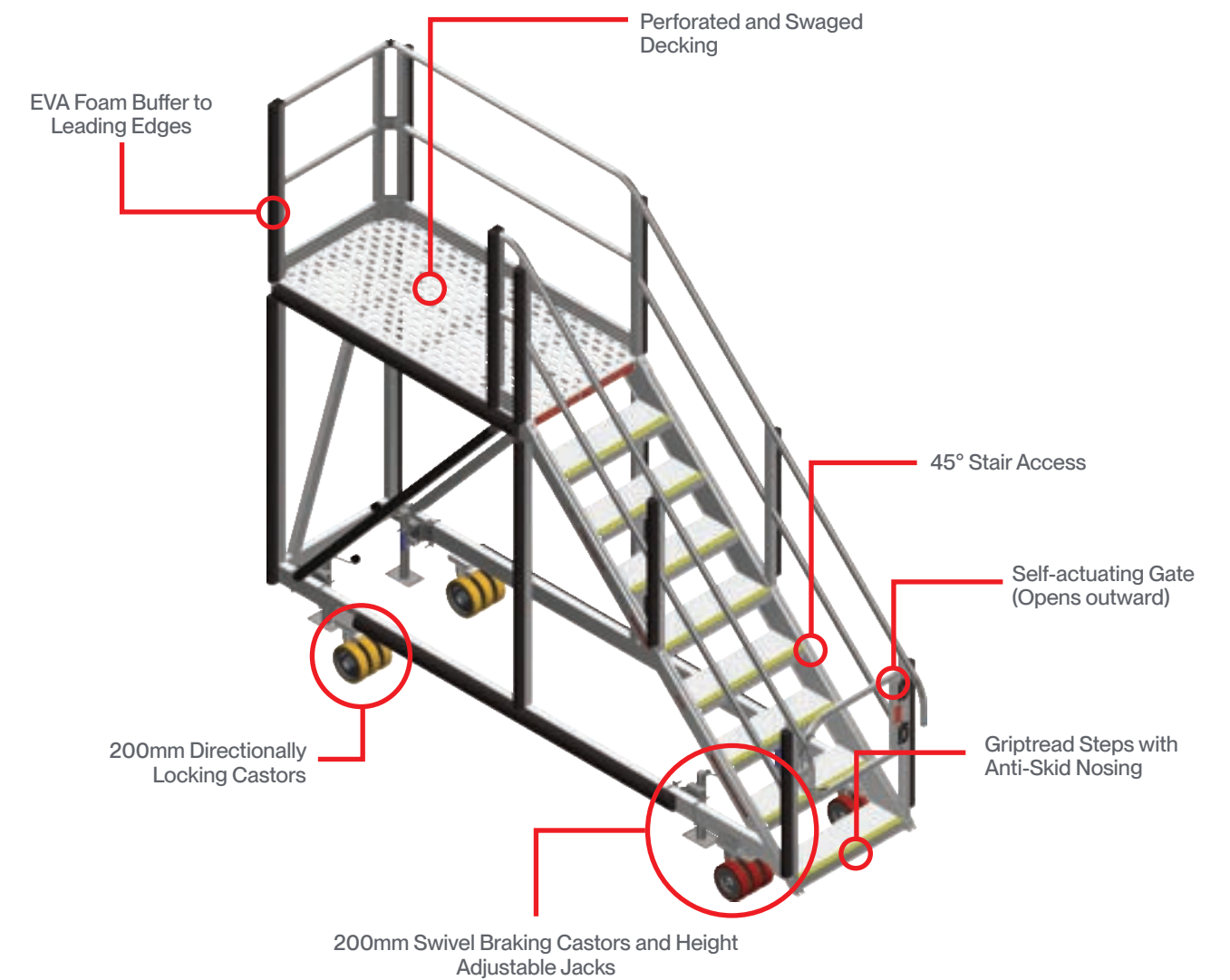


02 Rail Access

High Stand Passenger Door Access Platform

- Side access for narrow access area.
- Foam buffers to protect the train car body.
- Large griptread stair treads and stair nosing for superior grip.
- Raised and swaged decking for safe access in wet or greasy conditions.
- Wind-down jacks for levelling and secure braking.
- Swivel braking castors for easy manoeuvrability.
- Large 200mm triple-wheel castors for easy movement across track.
- Self-closing gates.

300kg
WLL



02 Rail Access

External Destination Display/Baffle Installation Access Platform

- High platform for safe access to train passenger doors during high-stand manufacturing.
- Foam buffering to protect the train car body from damage.
- Wide platform providing full access and edge protection across the entire door area.
- Large 200mm triple-wheel castors for smooth movement across multiple gauge tracks.
- Wind-down jacks for precise levelling.
- Raised and swaged decking for grip in wet and greasy conditions.
- Heavy-duty box section structure for a durable and robust platform.

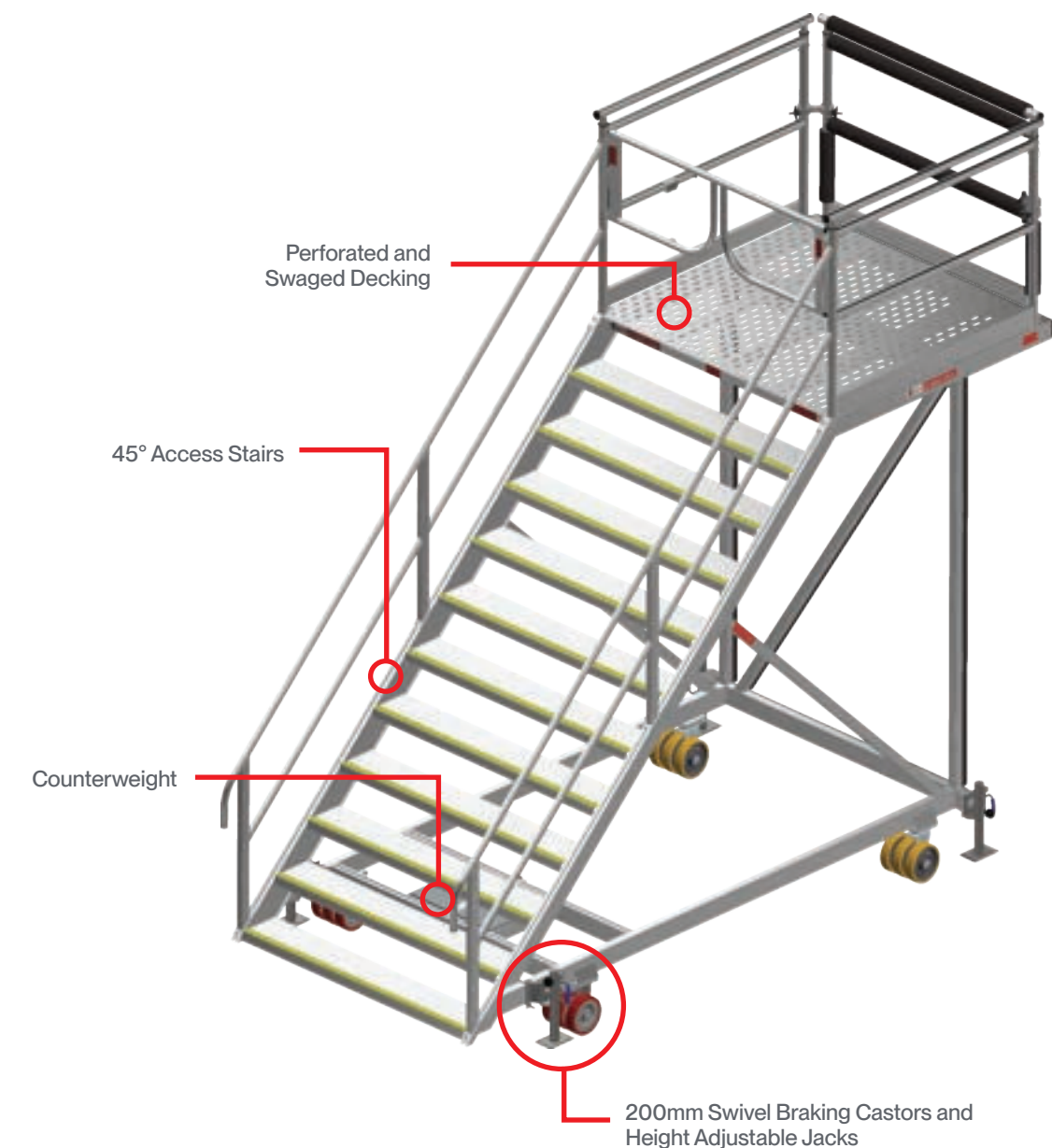
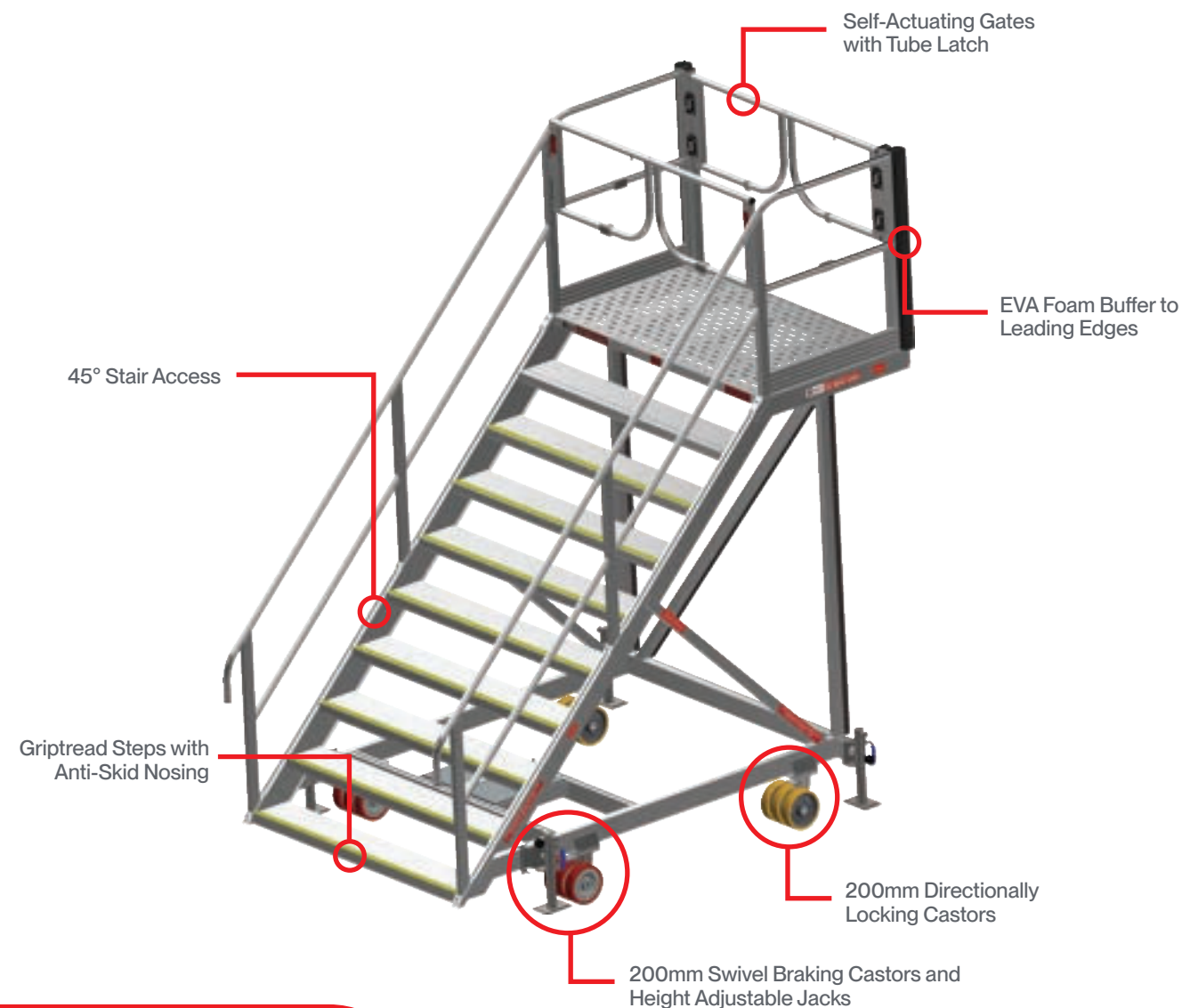


02 Rail Access

Cable Installation Access Platform

- Cantilevered platform providing personnel access exactly where needed.
- Telescopic guardrails for safe access at multiple heights.
- Large 200 mm triple-wheel castors for smooth movement across multiple gauge tracks.
- Raised and swaged decking for secure footing in wet or greasy conditions.
- Wind-down jacks for precise levelling.
- Swivel and braking castors for easy and controlled relocation.
- Foam buffers to protect the train car body from damage.

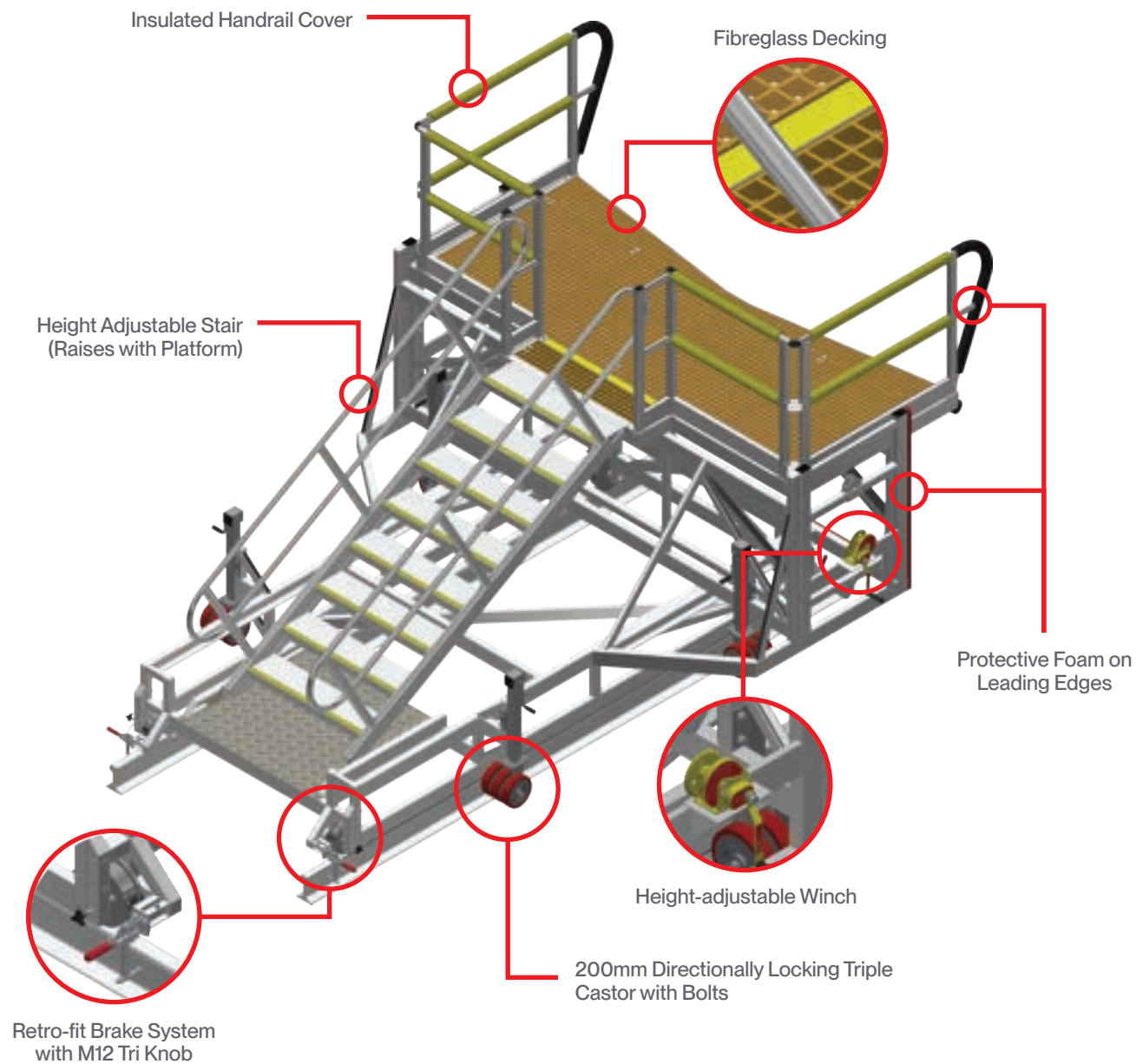
500kg
WLL



02 Rail Access

Train Front Door Access Platform

- Safe, easy access for repair, removal, and replacement of train windscreen, headlights and wipers.
- Adjustable version available for access to external destination displays.
- 45° stair access allowing tools and components to be safely carried onto the platform.
- Precision-fitted platform edge eliminating unsafe gaps at the front of the train.
- Foam rubber buffers to prevent damage to the train during use.



INDUSTRY STORY

Downer EDI Rail - Front of Train Access

The Challenge

Train maintenance is a critical task that requires specialised equipment and trained personnel. The Auburn Maintenance Centre in Sydney services several fleets, including Waratah Trains, Sydney Growth Trains, and Millennium Trains.

A key challenge for the maintenance team was safe access to the front of the trains for tasks such as windscreen and wiper replacement, headlights, EDD, hornwell area, and emergency door repairs.

Previously, teams had to stack and secure platforms, carefully manoeuvring them into place without damaging the rollingstock or making contact with the overhead line equipment (OHLE). This method was not only tedious but also introduced significant safety risks to staff.

The Solution

Downer EDI Rail identified the main issues and outlined requirements for a safer, more efficient platform. The new solution needed to be usable on all maintenance roads, adjustable in height, clear of OHLE, and able to provide access at TOR (Top of Rail) level. It also had to work regardless of the train's final stopping position.

To achieve this, Downer partnered with SafeSmart. SafeSmart's engineering team worked closely with Downer to design an innovative raised platform tailored to the site's needs.

The Result

The collaboration delivered a safe and efficient raised platform that provided consistent access to the front of the trains, eliminating the need to stack or reposition platforms, reducing manual handling risks, and improving the overall efficiency of maintenance tasks, while exceeding expectations and setting a new benchmark for safe, reliable train maintenance access.

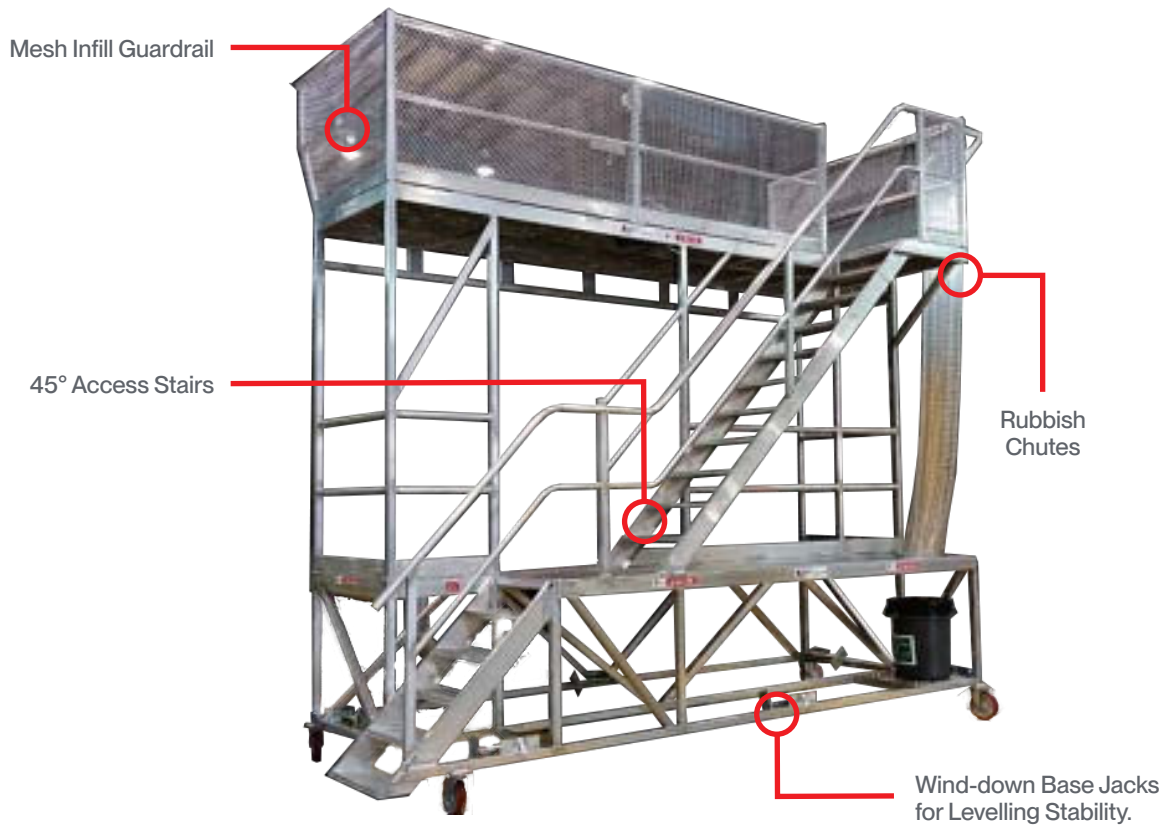


02 Rail Access

Dual-Level Train Maintenance Platform

- Power and air outlets integrated into the platform for maintenance tasks on the roof.
- Mesh infill panels on guardrails to prevent tools from falling through.
- Wind-down jacks for stability when the platform is in position.
- Angled guardrails are designed to follow the curvature of the train roof.
- Rubber buffers on train contact points to prevent damage.

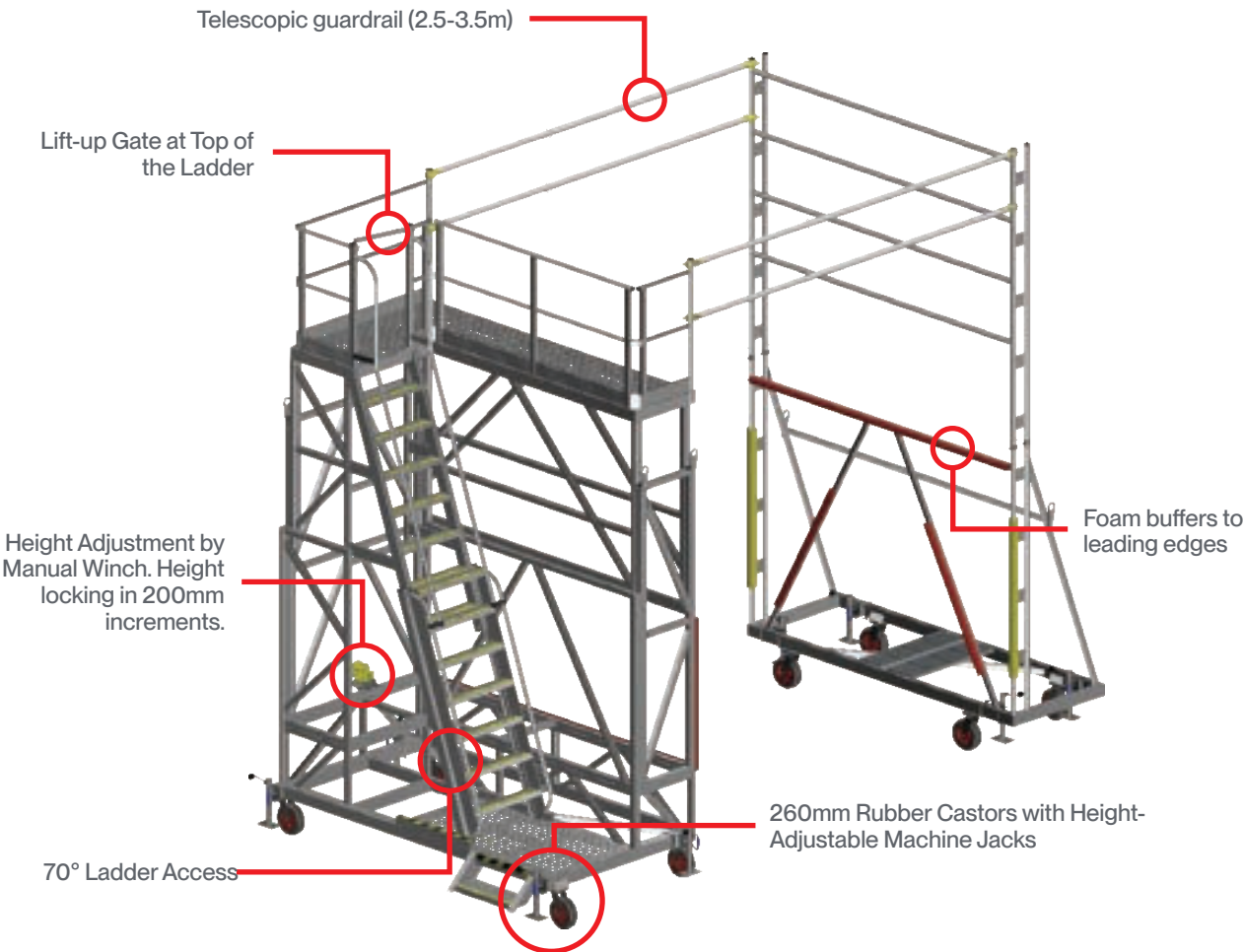
1000kg
WLL



02 Rail Access

Hvac/Pantograph Access Platform

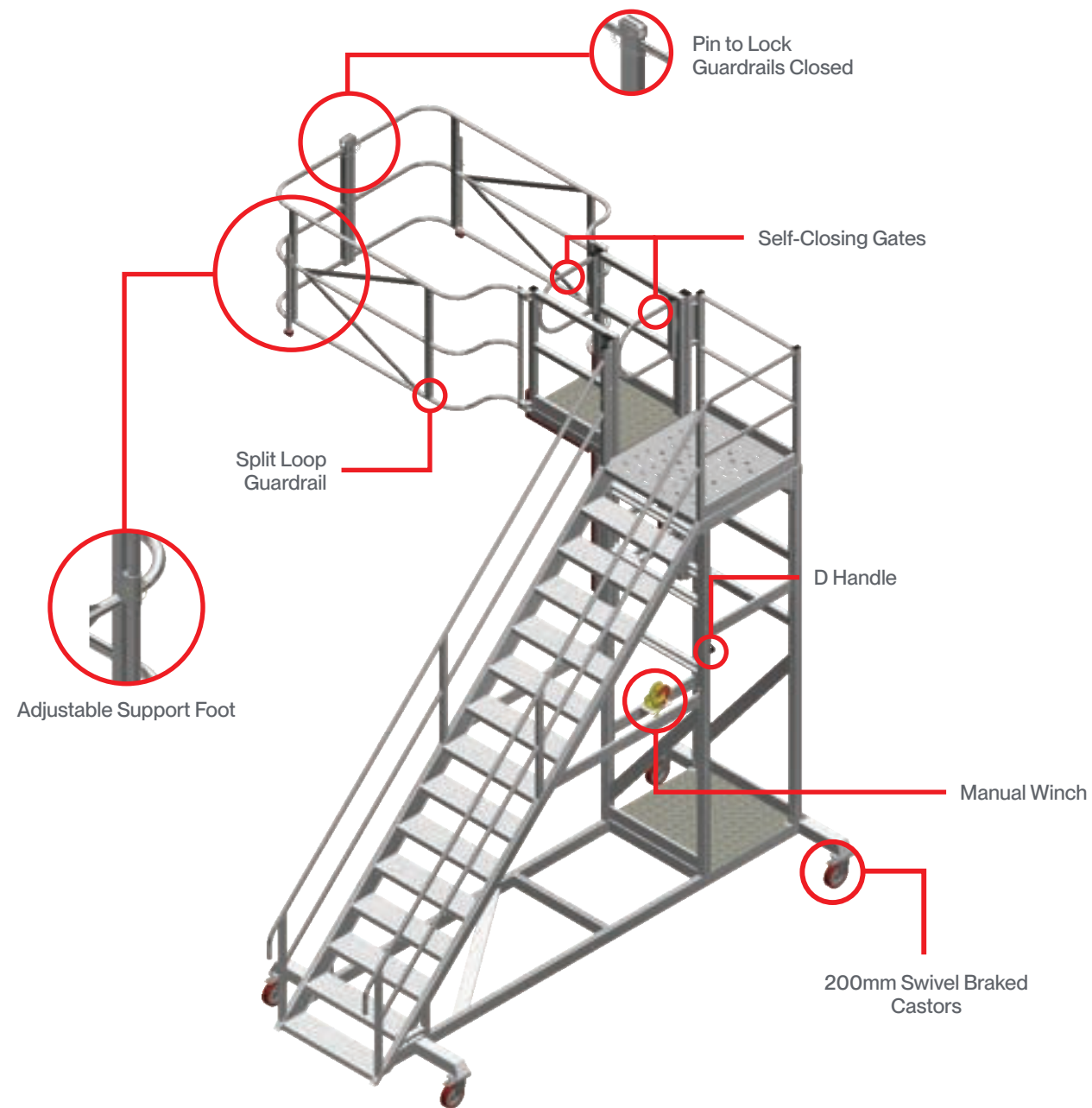
- Allows fast and flexible access to the roof of trains, buses, and other equipment for maintenance and repairs on HVAC units, pantographs, and more.
- Adjustable design to suit a variety of applications.
- Maintains 70° access at any height for safe and consistent working conditions.
- Foam rubber buffers to protect equipment from damage during use.



02 Rail Access

Height Adjustable Platform With Loop Guardrails

- Platform adjusts using a manual winch.
- Loop guardrails provide safe access onto the work area.
- Eliminates the need for harnesses.
- Ideal for access to tanker trucks, trains, heavy industrial equipment, and more.
- Fully customisable to suit specific requirements.
- Applications:
 - Pantograph Maintenance/Replacing
 - HVAC Maintenance/Replacing
 - Drop Gauge Access
 - Lifting Point Access



Standard Products

Rail Access

Vehicle Access

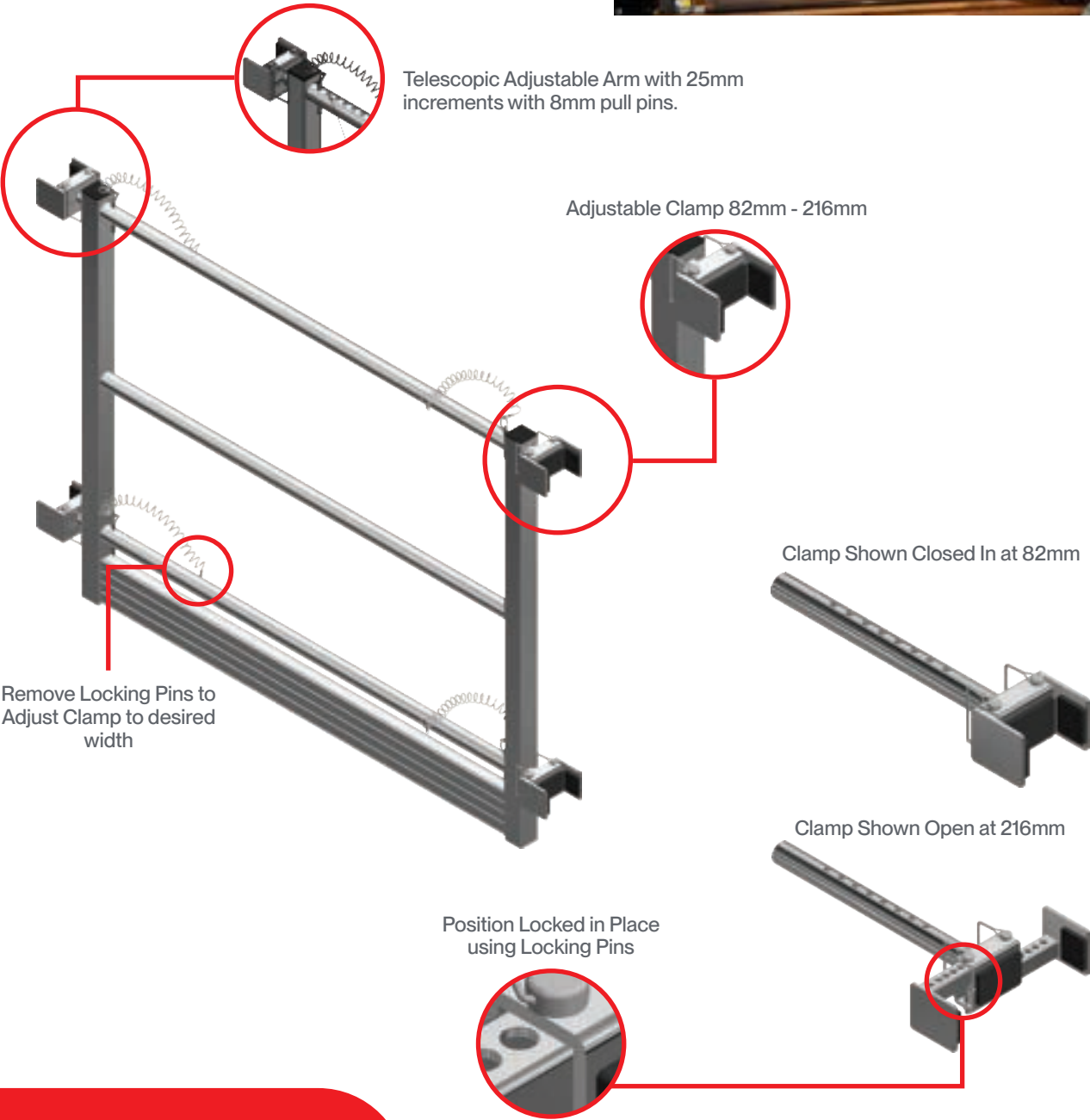
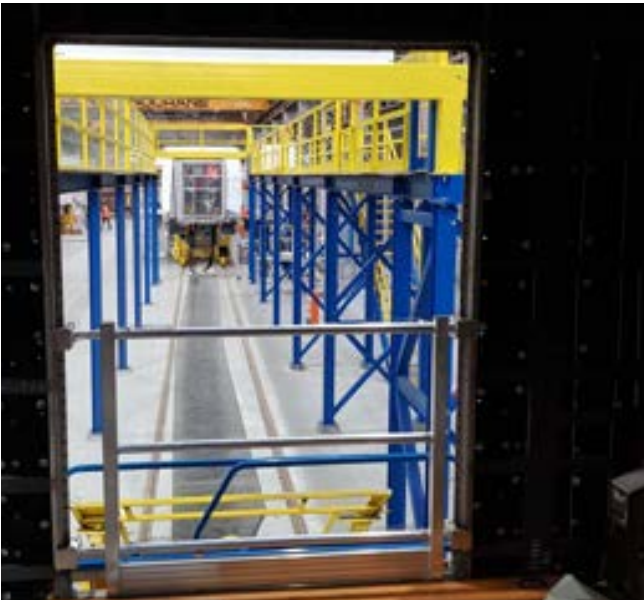


Height Access Solutions
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02 Rail Access

Train Edge Protection

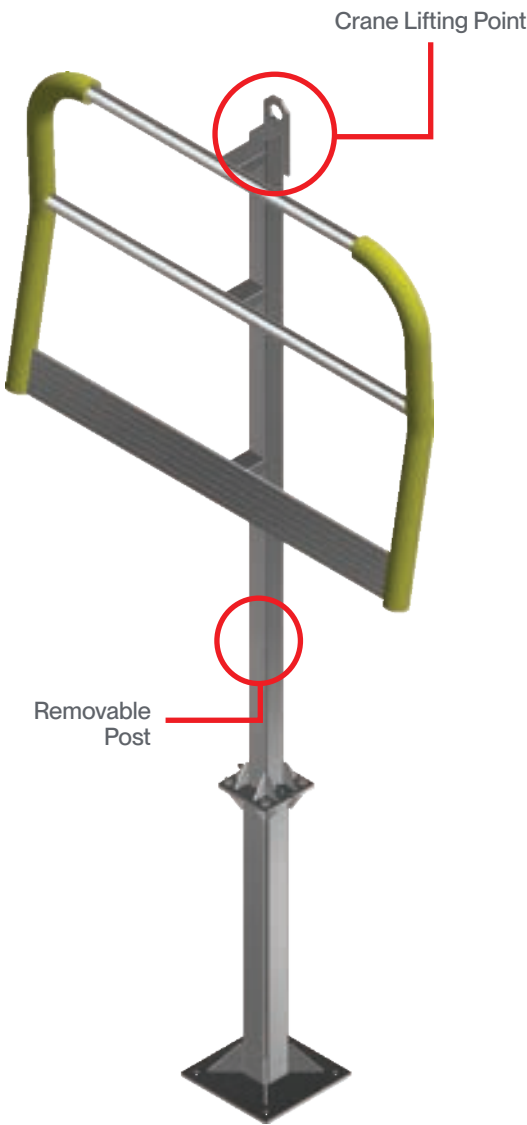
- Heavy-duty frame designed to meet applicable standard loadings.
- Easily adjustable to suit varying widths of openings.
- Customised adjustment ranges available for different applications.
- Optional additional height for diverse applications.
- Lightweight for easy installation and relocation.
- Clamping mechanism ensures the frame remains securely in place.



02 Rail Access

Train Carriage Door Edge Protection

- Heavy-duty structure designed to meet standard loadings.
- Quick-release upper frame for easy removal and replacement.
- Crane lifting point to assist with installation and relocation.
- Foam buffers to protect the train car body from damage.
- Available in 2- and 3-rail heights depending on application.
- Lightweight design for easy handling.
- Profiled to match the train car body shape and eliminate unsafe gaps.



Light Rail Access

Access Made Easy.
Safety Made Certain.



Front Of LRV
Adjustable
Access
Platform

Adjustable
Side
Cantilever
Platform

Standard Products

Rail Access

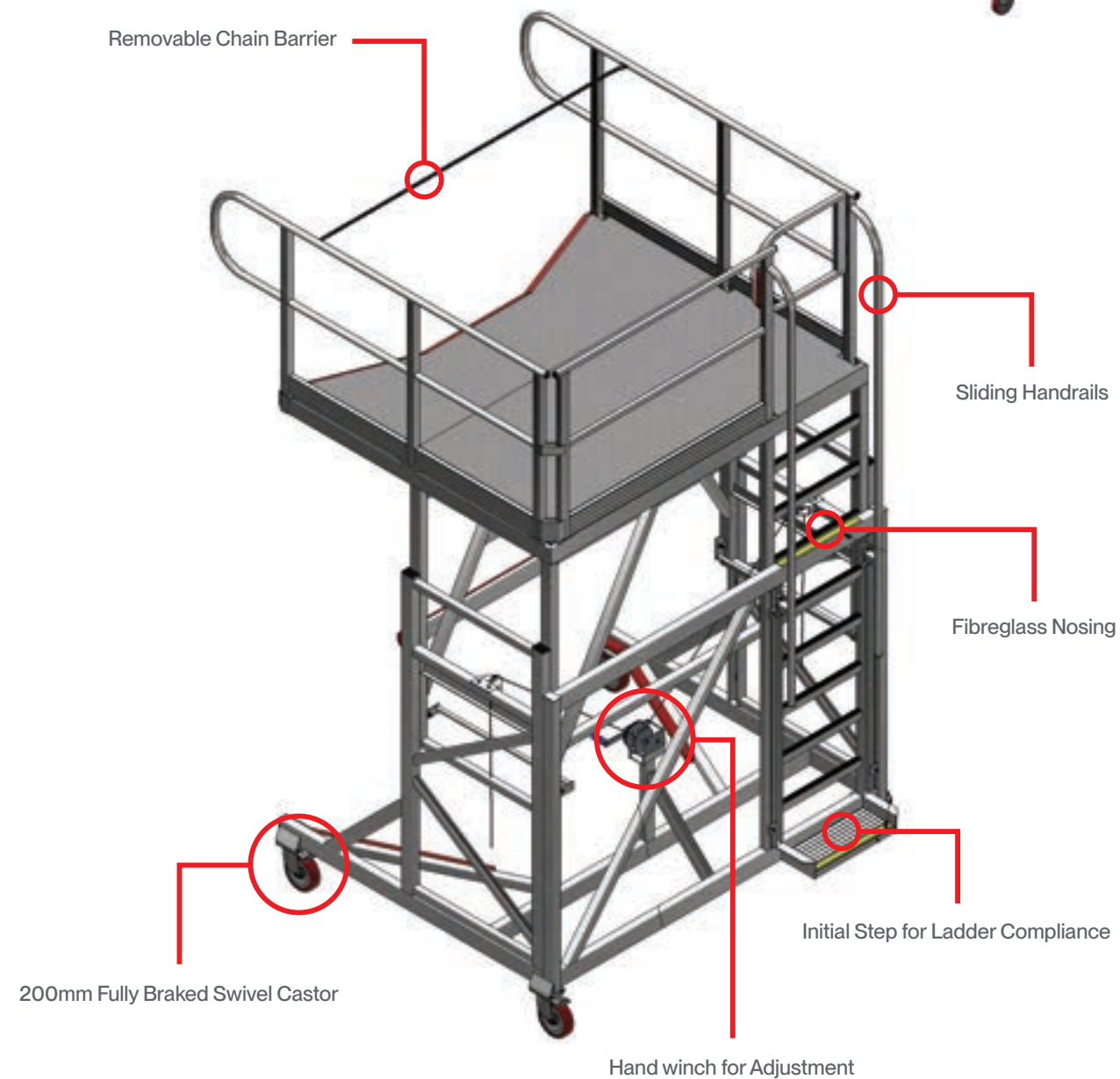
Vehicle Access



02 Rail Access

Train Windscreen Adjustable Height Platform

- Height-adjustable platform providing safe access to the windscreen, wipers, lights, horn, and hornwell are.
- Height adjustment via a winch mechanism, which raises the internal ladder as it is operated.
- Foam buffers along the leading edge to prevent scuffing or marking on the train.
- Contoured leading edge designed to follow the profile of the front of the train.



02 Rail Access

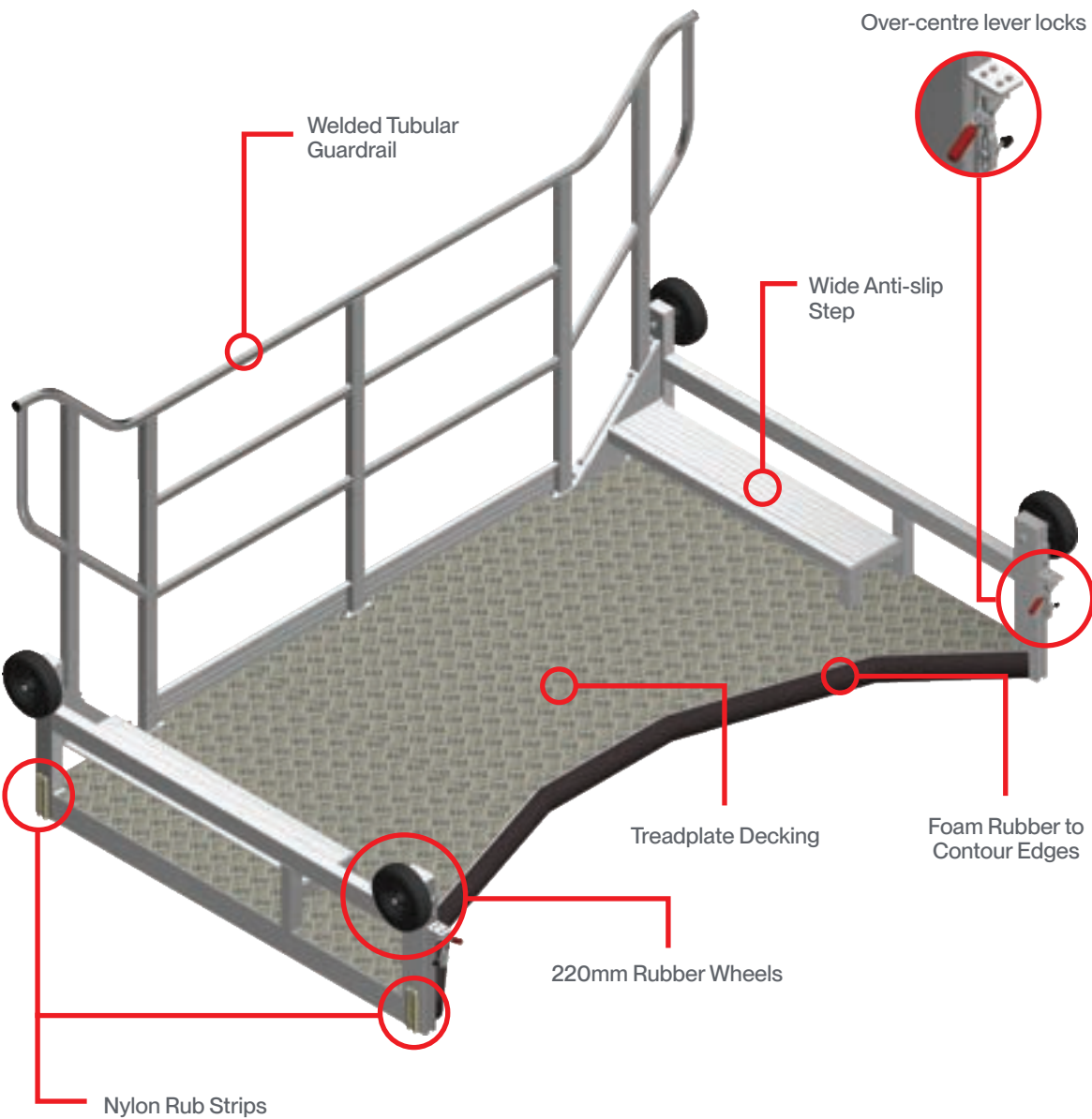
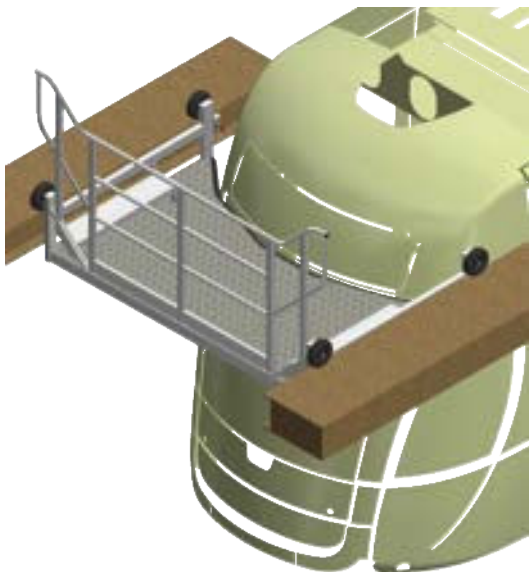
Train Windscreen Adjustable Height Platform Application



02 Rail Access

Train Front Access Bridge

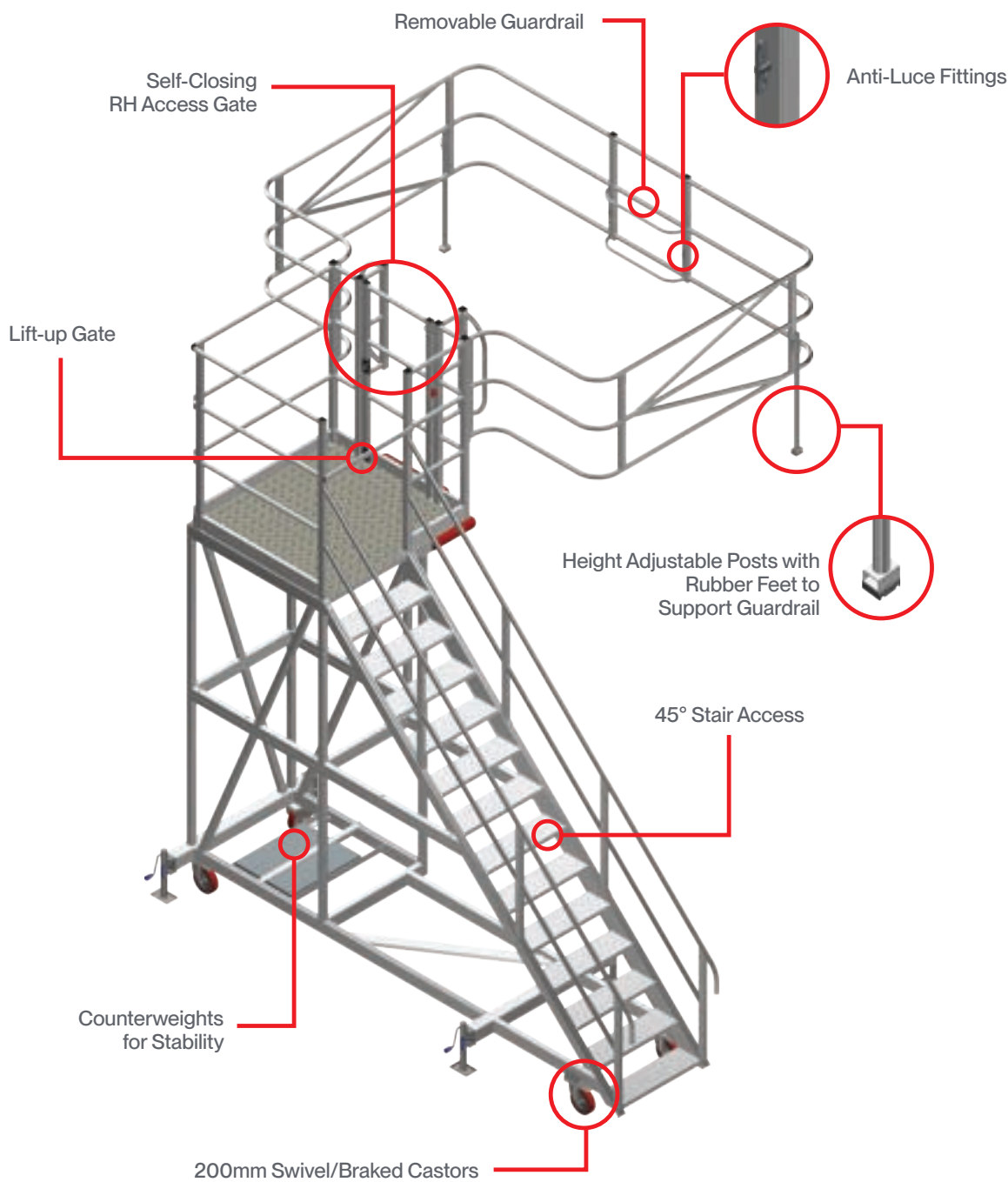
- Bridge platform designed to roll along the gantry edge, providing access to the front of the train.
- Ensures safe and comfortable access to the marker lights, horn, number glass, and windscreen.
- Leading edge contoured to match the profile of the train.
- Durable foam composite buffers along the leading edge to prevent marking or damage to the train.



02 Rail Access

Roof Access Platform

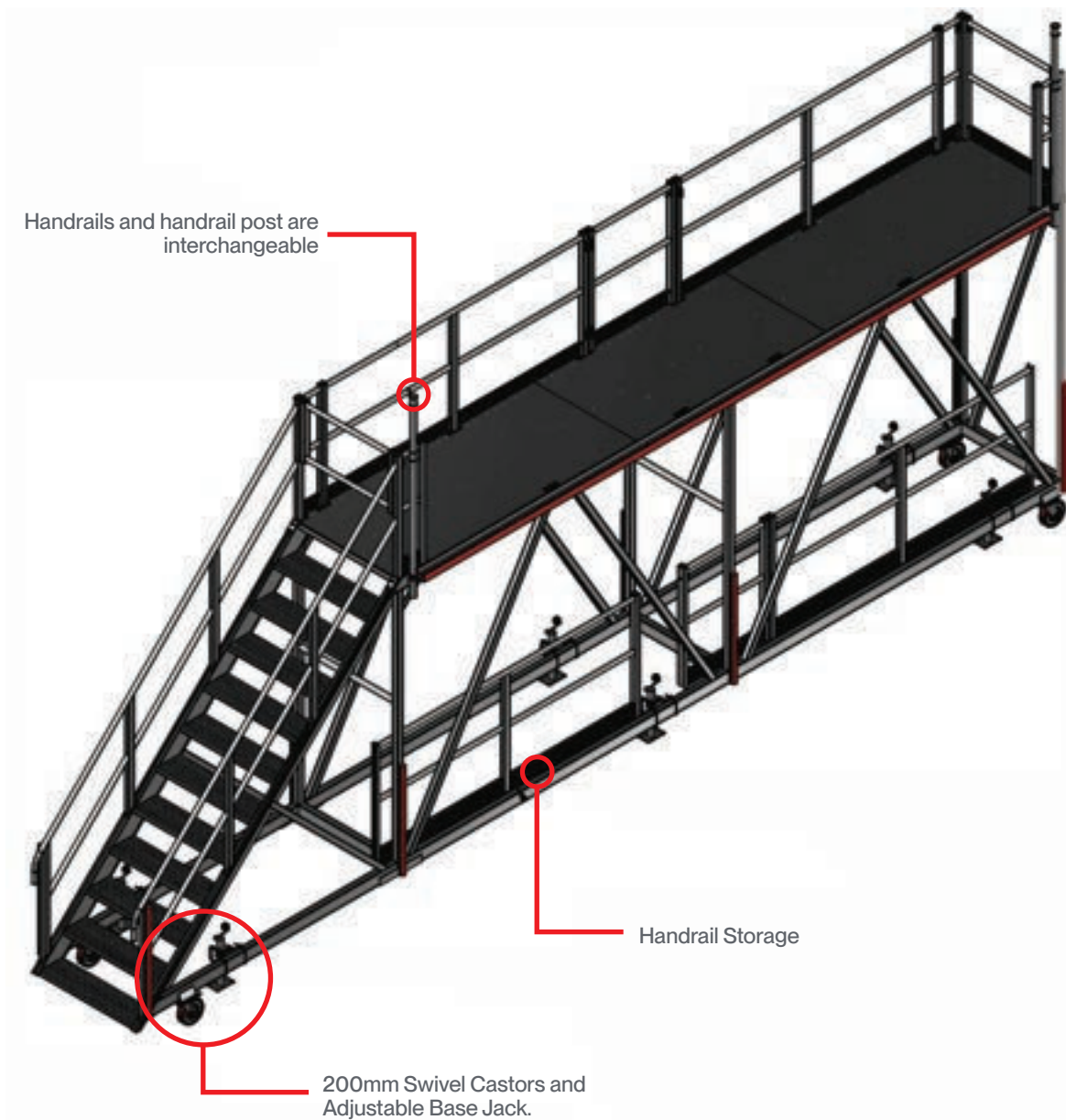
- 45° stair access to the platform deck, allows users to safely carry tools and equipment.
- Large, fall-protected work area within the loop cage.
- Suitable for accessing tanker trucks, trains, heavy industrial equipment, and more.
- Fully customisable to meet specific site requirements.



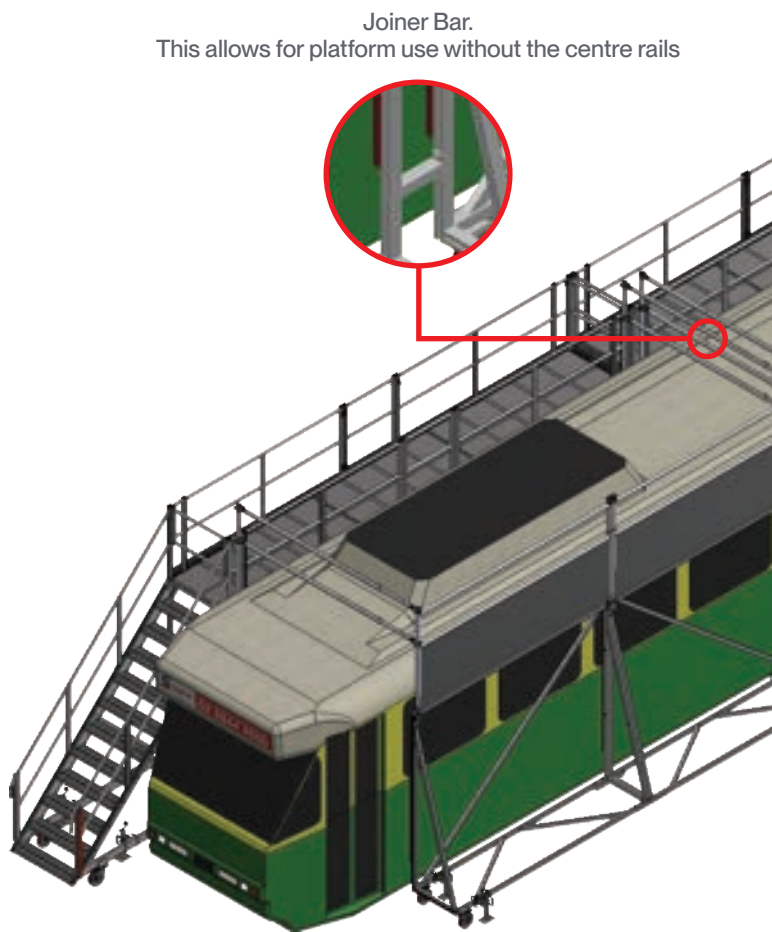
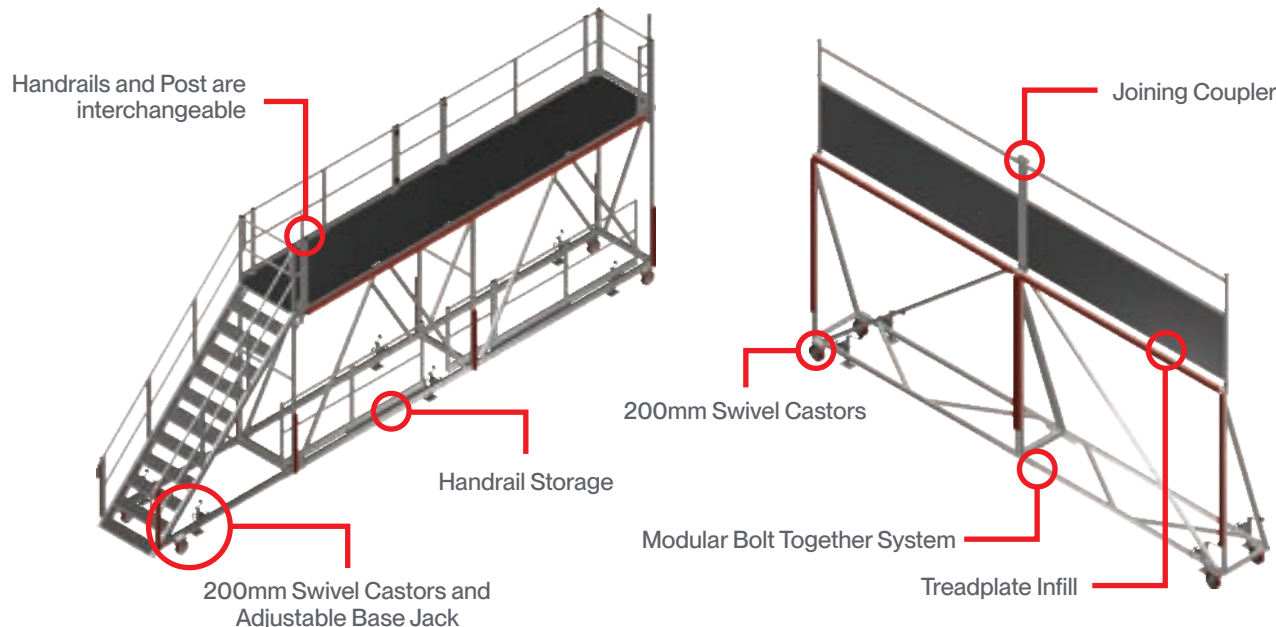
02 Rail Access

Light Rail Vehicle Access Platform

- Multiple units can be combined along the length of the workspace.
- Full surround guardrails, eliminating the need for harnesses.
- 45° access allows tools to be safely carried onto the platform.
- Self-closing gates for added safety.



02 Rail Access



Freight Rail Access

Access Made Easy.
Safety Made Certain.



Standard Products

Rail Access

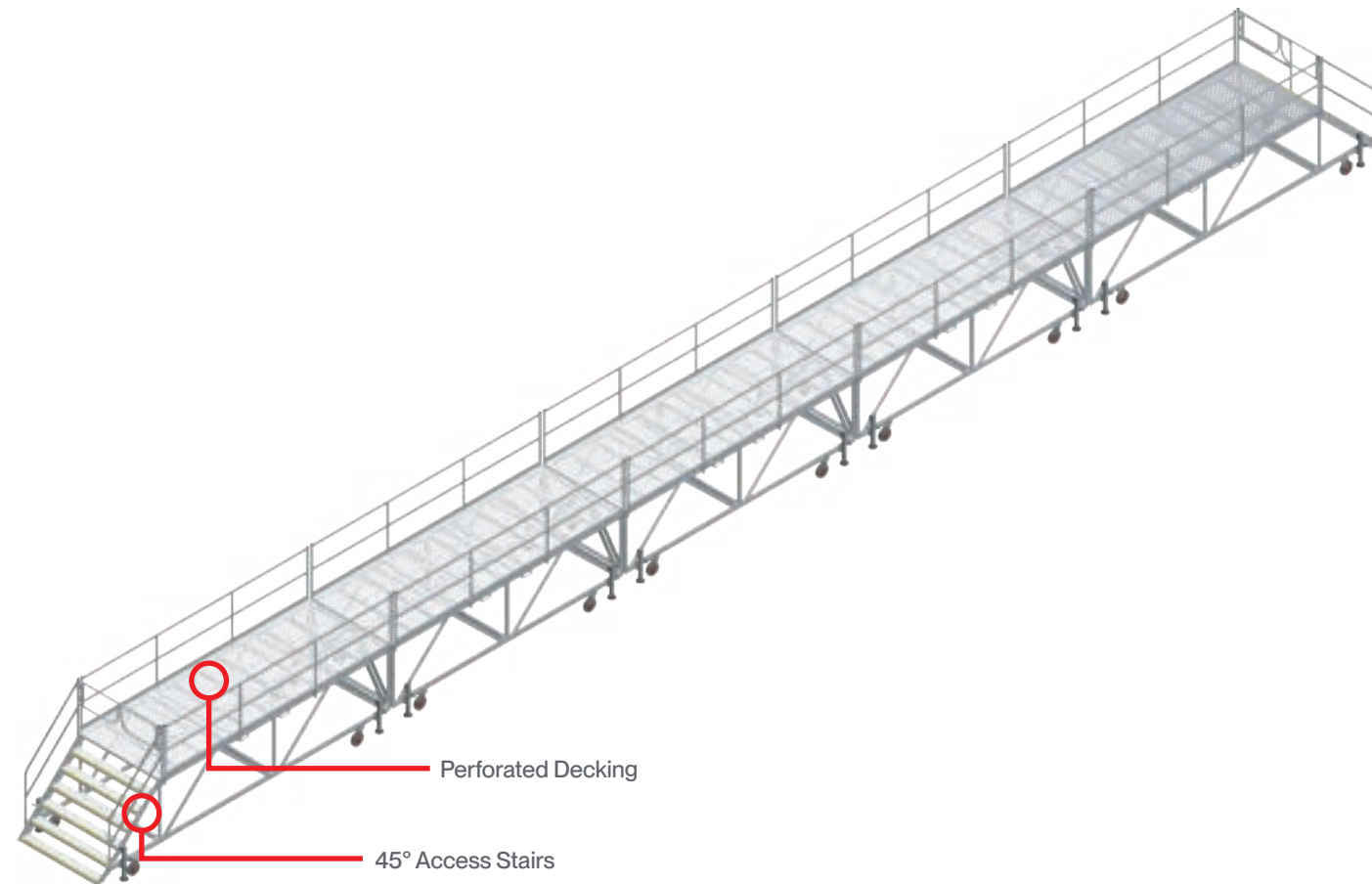
Vehicle Access



02 Rail Access

Modular Train Access Platform

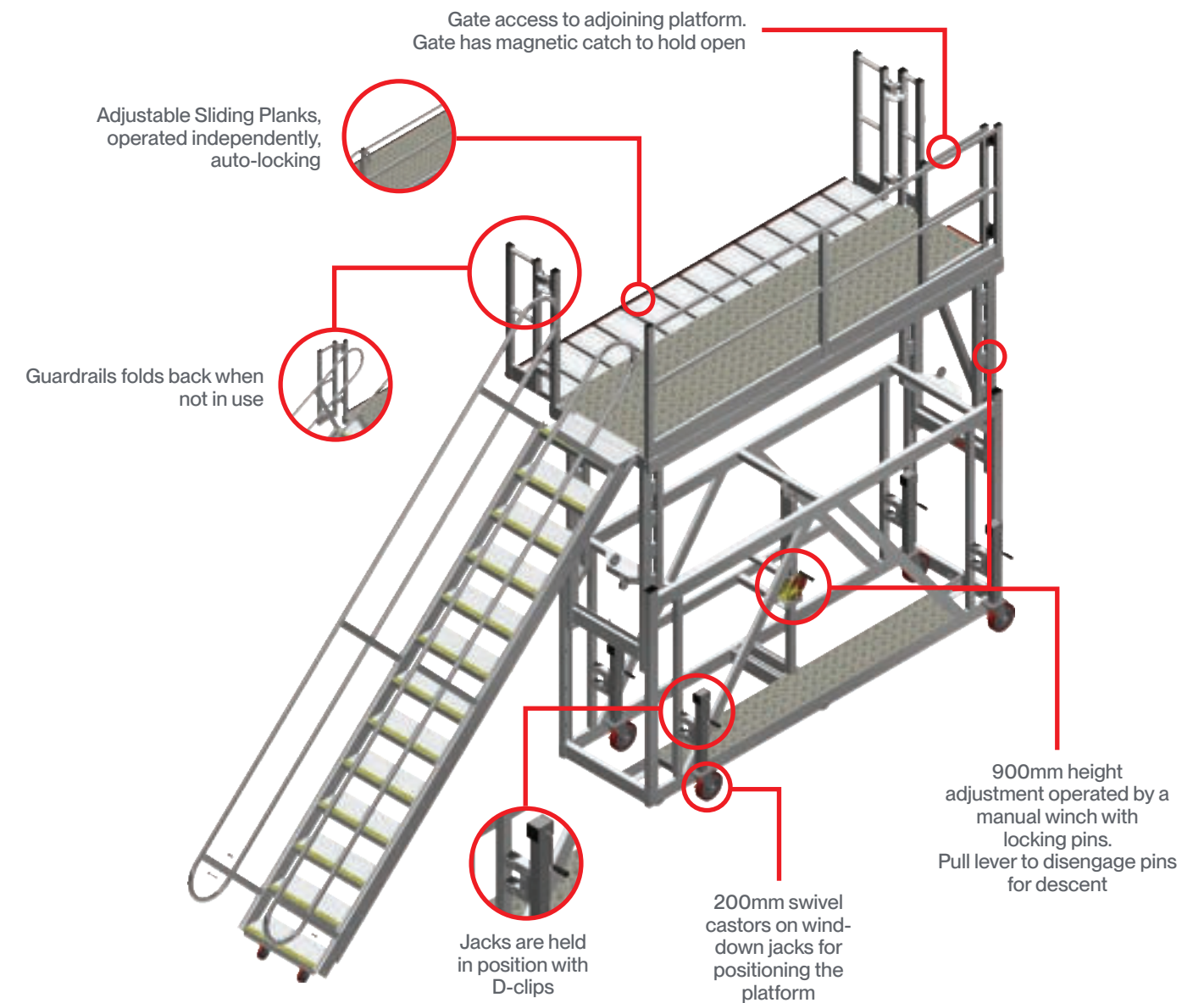
- Large clear workspace beside the locomotive, 1.8mW x 25.7mL.
- Self-closing bat-wing gates creating a protected work area.
- Forklift slots for relocation over longer distances.
- Mobile on large solid rubber wheels for manoeuvring across hardstand surfaces.
- Removable spigot connecting inner and outer guardrails for easy access and loading of parts and materials.
- Heavy-duty wind-down jacks for levelling and braking the platforms.



02 Rail Access

Mobile & Adjustable Height Paint Booth Access Platforms

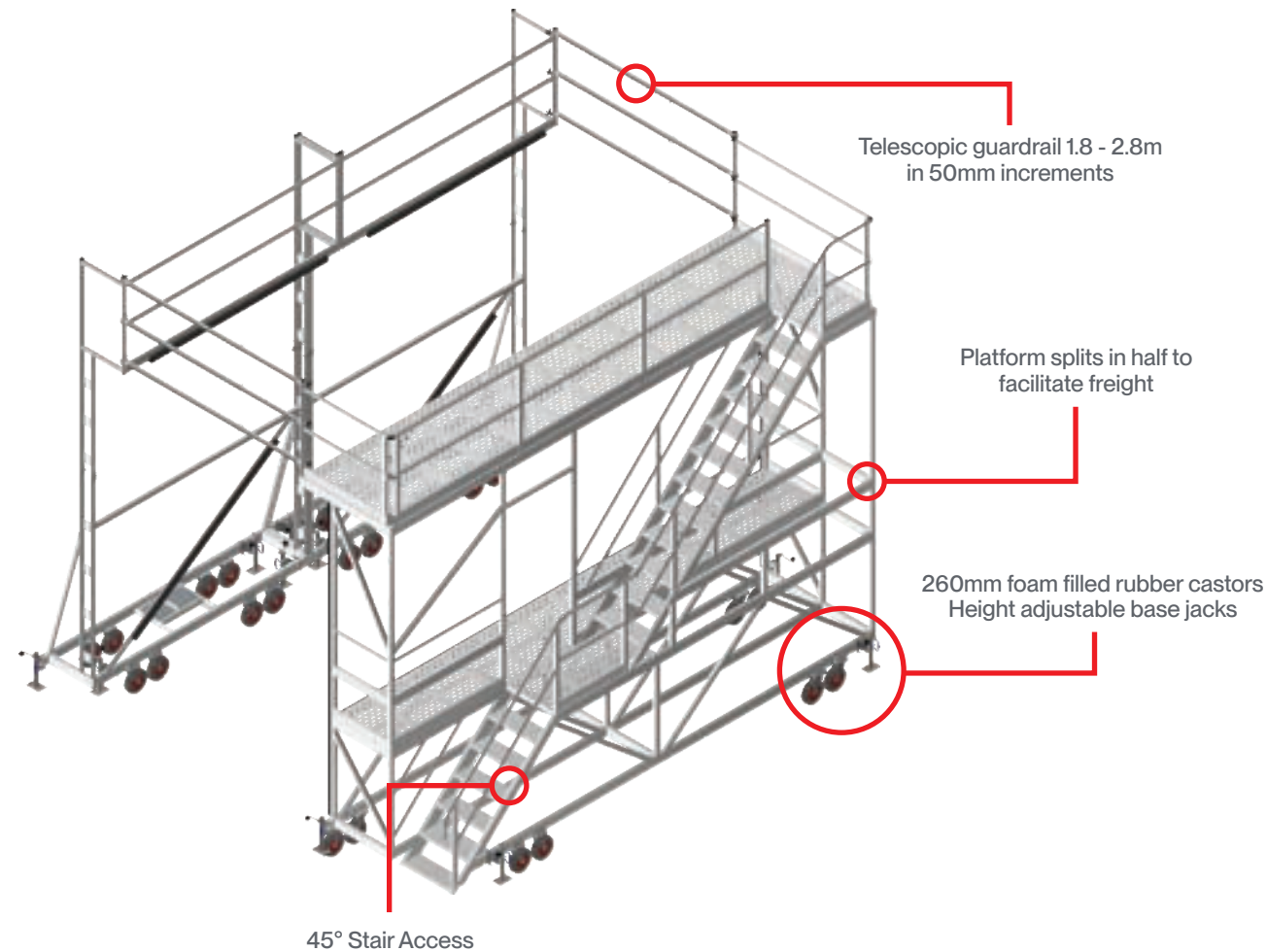
- Adjustable and configurable design allows the platform to be used on all equipment in the paint booth.
- Height adjustment includes self-levelling stairs, providing access to the platform at any height.
- Sliding fingers on the inside edge of the platform span over the running board of a Locomotive and close any gap to the train that is being painted.
- Mobile on a track system running parallel to the train for smooth movement.
- Includes adjustable winding castors lift the platform on/off the track, allowing easy movement in and out of the paint booth.
- Folding guardrails match the sliders to close the gap to the train.
- Gate allows units to be joined end-to-end, creating a larger workspace.



02 Rail Access

Locomotive Maintenance Access Platform

- 45° stairs for easy access while carrying tools and parts.
- Large griptread stairs with fiberglass nosings for superior safety.
- Dual-level design for access into the locomotive while roof work is performed.
- Self-closing gates for added safety.
- Large pneumatic foam-filled wheels for smooth movement across rail tracks, with wind-down jacks for levelling and braking.
- Perforated decking for excellent grip in wet and greasy conditions.
- Full box-section aluminium construction for superior strength and durability.
- Telescopic guardrails to suit multiple locomotive types.



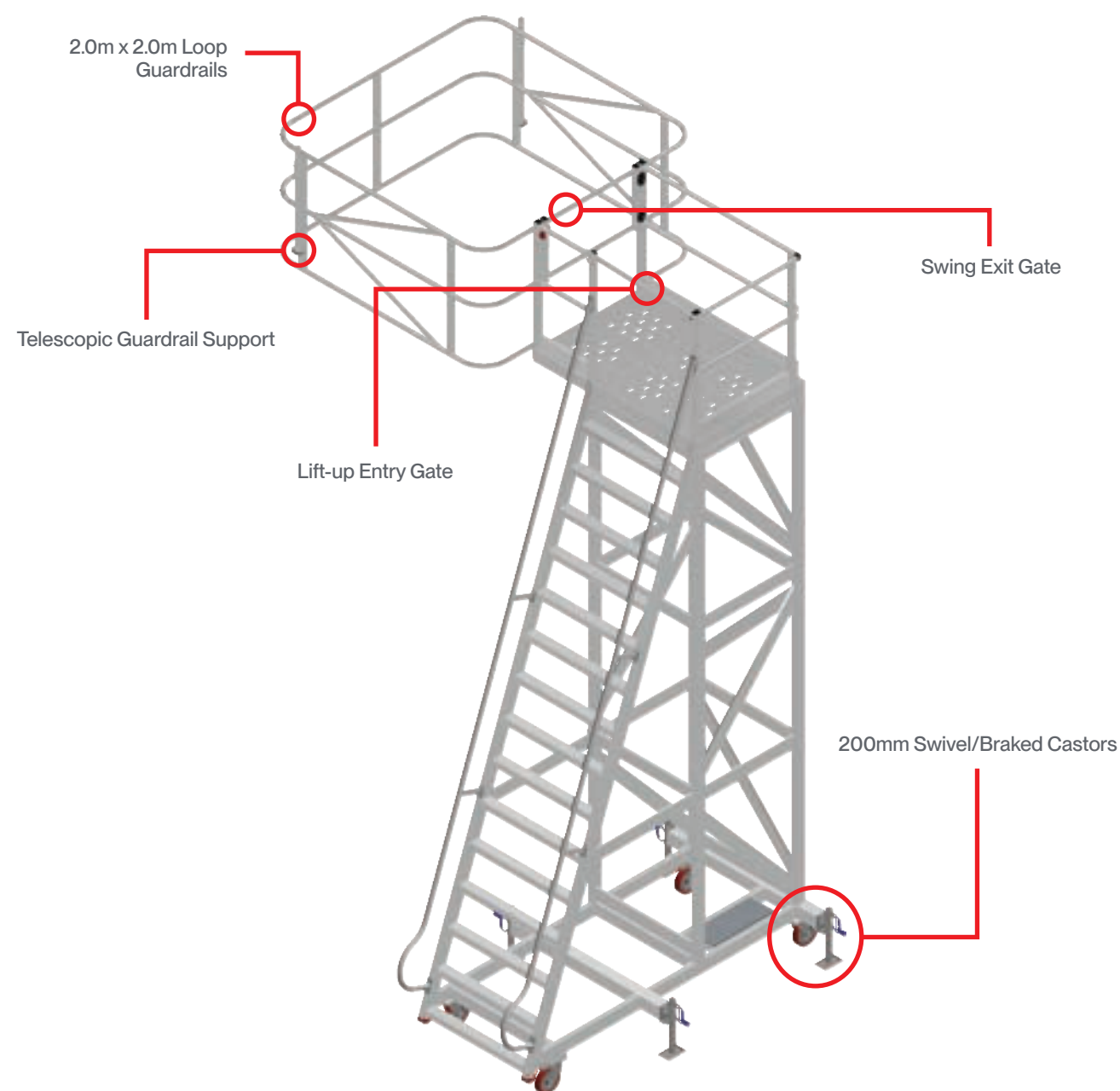
02 Rail Access



02 Rail Access

Drop Gauge Access Platform

- Large platform for ease of access.
- Raised and swaged decking for safe footing in slippery conditions.
- Side access configuration for use in restricted areas.
- Loop guardrail to eliminate the need for harnesses and associated training.
- Counterweighted for enhanced stability.
- Large 200mm castors for smooth movement across rail and hardstand surfaces.
- Wind-down jacks for levelling and braking.
- Mobile platform for fast deployment.



INDUSTRY STORY

Aurizon Hexham - Locomotive Roof Access

The Challenge

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

The Solution

Aurizon reached out to SafeSmart to solve their challenge. Safesmart designed and manufactured a way for workers to safely access areas they would not be able otherwise. The innovative Cantilevered Loop Guardrail Platform was designed and manufactured to suit the task at hand. The platform consists of a 1m2 cantilevered platform, and full surround guardrails both top and mid aided by a telescopic support that rests on the Locomotive roof.

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

The Result

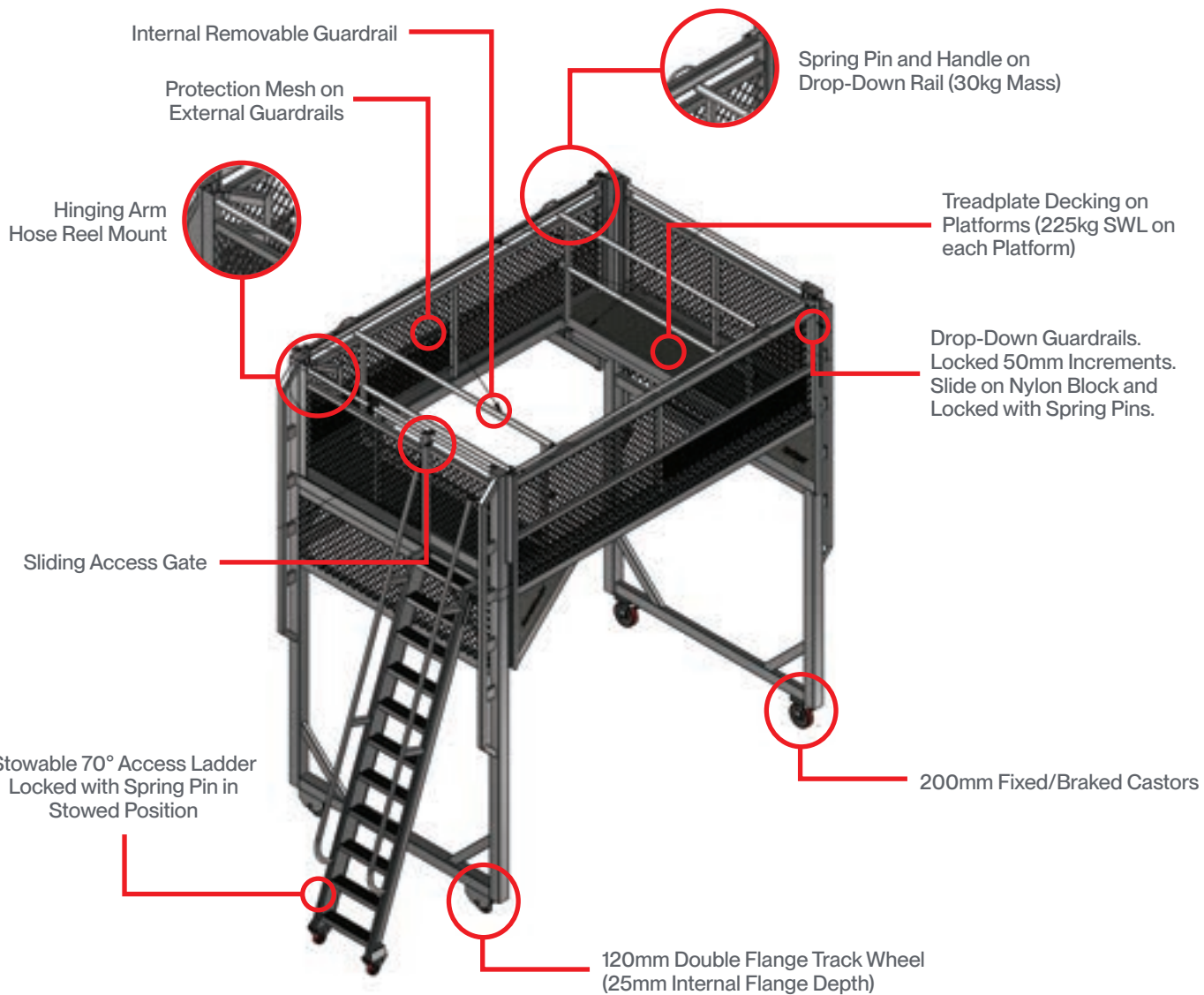
The Cantilevered Loop Guardrail Platform has significantly improved safety and efficiency for Aurizon by providing a secure and harness-free method for workers to access the top of locomotives. Eliminating the need for ladders or scaffolding, the platform allows for easier access to all locomotive components, including drop gauges, while also being adaptable to fit any locomotive in their workshop. Aurizon has expressed strong satisfaction with the platform, noting marked improvements in both maintenance processes and worker safety.



02 Rail Access

Locomotive Roof Gantry

- Stowable ladder maximises space on the fixed gantry when not in use.
- Sliding profiled end frame closes the gap to the locomotive roof.
- Mesh infill on guardrails prevents tools or parts from being dropped.
- Lightweight aluminium construction allows single-person handling.
- Track wheel prevents sideways movement, enabling easy relocation by one person.
- Removable inner guardrail frames provide unimpeded access to the workspace.
- Mounts for air hose reels keep hoses clear of the workspace, reducing trip hazards.



INDUSTRY STORY

Progress Rail - Locomotive Roof Access Gantry

The Challenge

Locomotive roof access during rebuild and maintenance projects has always been a high-risk task. Workers were exposed to vertical access ladders, inadequate edge protection, and large gaps, all of which posed significant fall hazards.

Rather than relying on traditional access methods, Progress Rail adopted a worker-first approach by engaging directly with their site crew. SafeSmart rail industry expert collaborated closely with the team to understand their daily challenges and identify what a practical, user-friendly solution would look like.

The Solution

Progress Rail didn't just need a safer solution—they needed one that made business sense. The 3.6-metre gantry system was engineered to maximise maintenance space while being specifically tailored for Pacific National's 82-class locomotive fleet.

With customised design elements that optimised both safety and efficiency, Progress Rail could confidently justify the investment. The new Mobile Locomotive Roof Access Gantry outcompeted previous methodologies in every metric – time, safety, and efficiency:

- Cost efficiencies through reduced maintenance downtime.
- Increased worker productivity without sacrificing safety.
- Long-term savings by eliminating scaffold assembly, flimsy ladders, and harness-related delays.

The Result

Progress Rail's successful implementation of the mobile gantry system is more than just a project win—it's proof that designing smarter, safer maintenance solutions is what we do best. Whether it's an off-the-shelf platform or a custom-engineered solution, SafeSmart has the expertise, innovation, and the team to get it done.



INDUSTRY STORY

BlueScope - Portable Access System

The Challenge

BlueScope Steel's largest operating plant in Port Kembla, NSW, has a complex network of internal and external rail lines for transporting newly-mined coal and molten iron. At an internal maintenance facility, maintenance access to rail cars was required in a difficult position: 6.5m away from an existing walkway and 3.2m elevated.

The access solution could not be a fixed walkway; it needed to be crane-lifted into position and moved along rollers to provide flexible access to different rail cars along the train. This combination of height, distance, and mobility made the project particularly challenging.

The Solution

BlueScope commissioned SafeSmart to design a portable access system. SafeSmart developed a CAD 3D model and design that fulfilled all key requirements: crane-liftable, mobile, manoeuvrable to different access points, and optimised for weight-to-strength ratio.

The system was built using high-tensile aluminium for durability and environmental resistance, manufactured in SafeSmart's New Zealand facility, and installed at Port Kembla well within the project deadline. A virtual fit test using CAD 3D technology ensured perfect alignment with the facility and rolling stock. The bridging system can be repositioned by gliding along the existing rails, offering flexible access along the train.

The Result

The delivered walkway provided safe and effective access to BlueScope's rail cars while being easy to install, remove, and redeploy. Feedback from BlueScope stakeholders has been highly positive.

The system is fully compliant with AS 1657, offering durability against extreme environmental conditions, and allows maintenance staff to efficiently access multiple rail cars along the line. The project successfully combined safety, mobility, and usability, meeting all client requirements.



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03 Vehicle Access

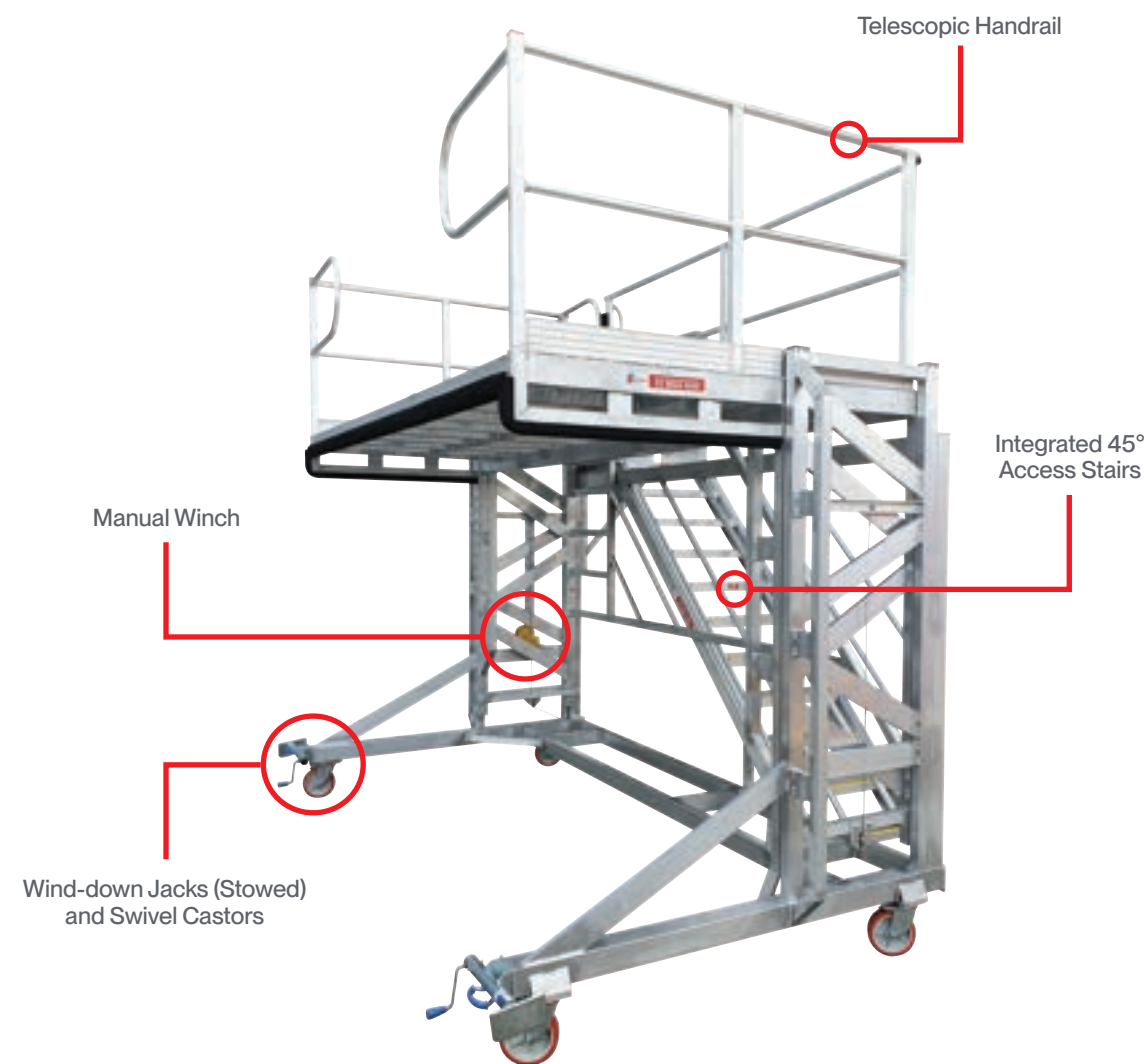
Truck Body Access Platform

- Large cantilever with fast adjustment via manual winch.
- 1.2m height adjustment capability - ranging between 2.3m - 3.5m.
- Clear span beneath the platform deck allows the unit to fit over a truck cab without interference.

500kg
WLL



SEE ALSO
BRIDGEDECK
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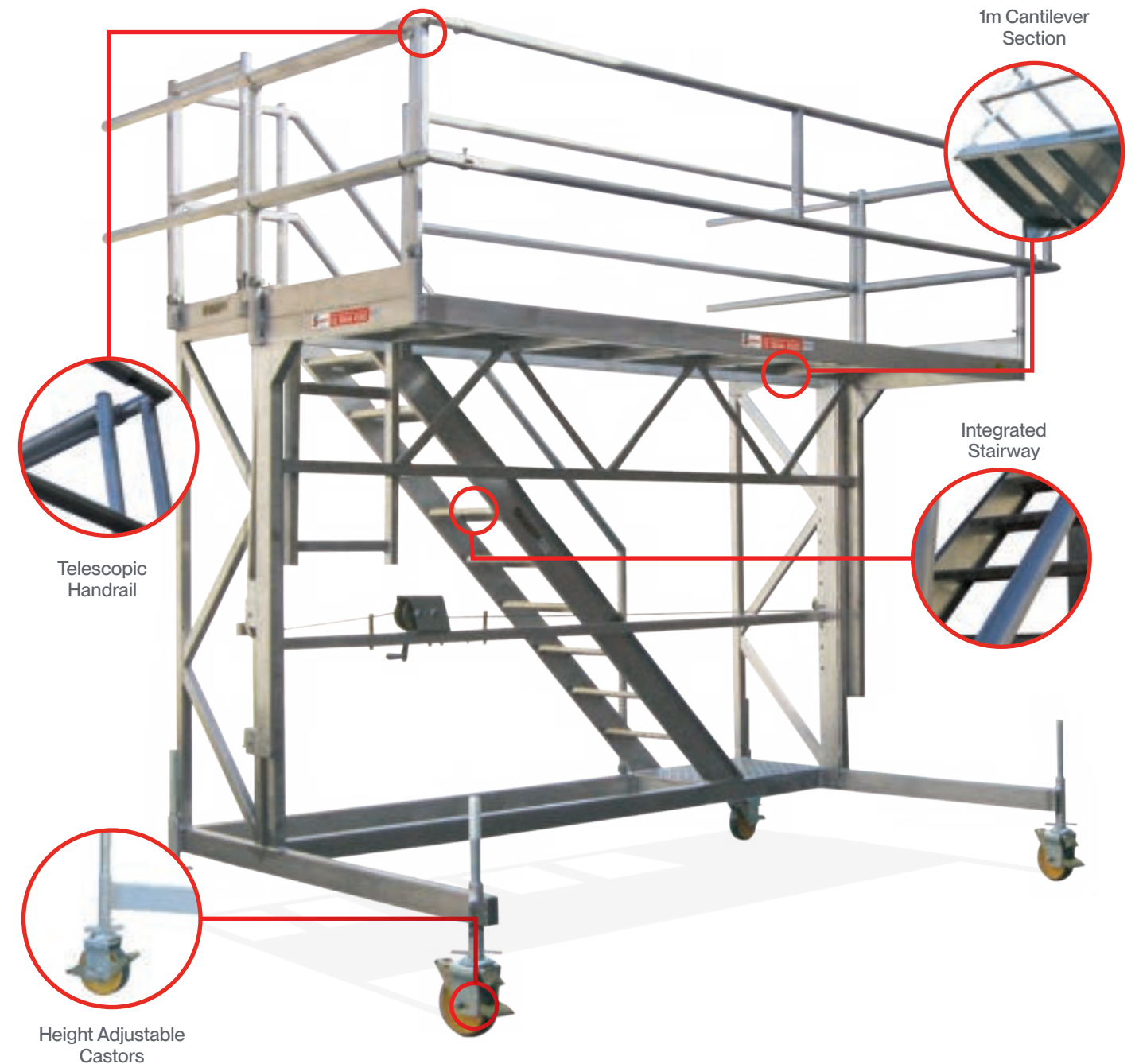


03 Vehicle Access

Height Adjustable Cantilever Platform

- Safe access for repairs and maintenance.
- Geared ratchet for easy height adjustment.
- Telescopic handrails provide edge protection when accessing the top of vehicles.
- Cantilever design allows roof access to tankers, buses, and other types of transport.

225kg
WLL

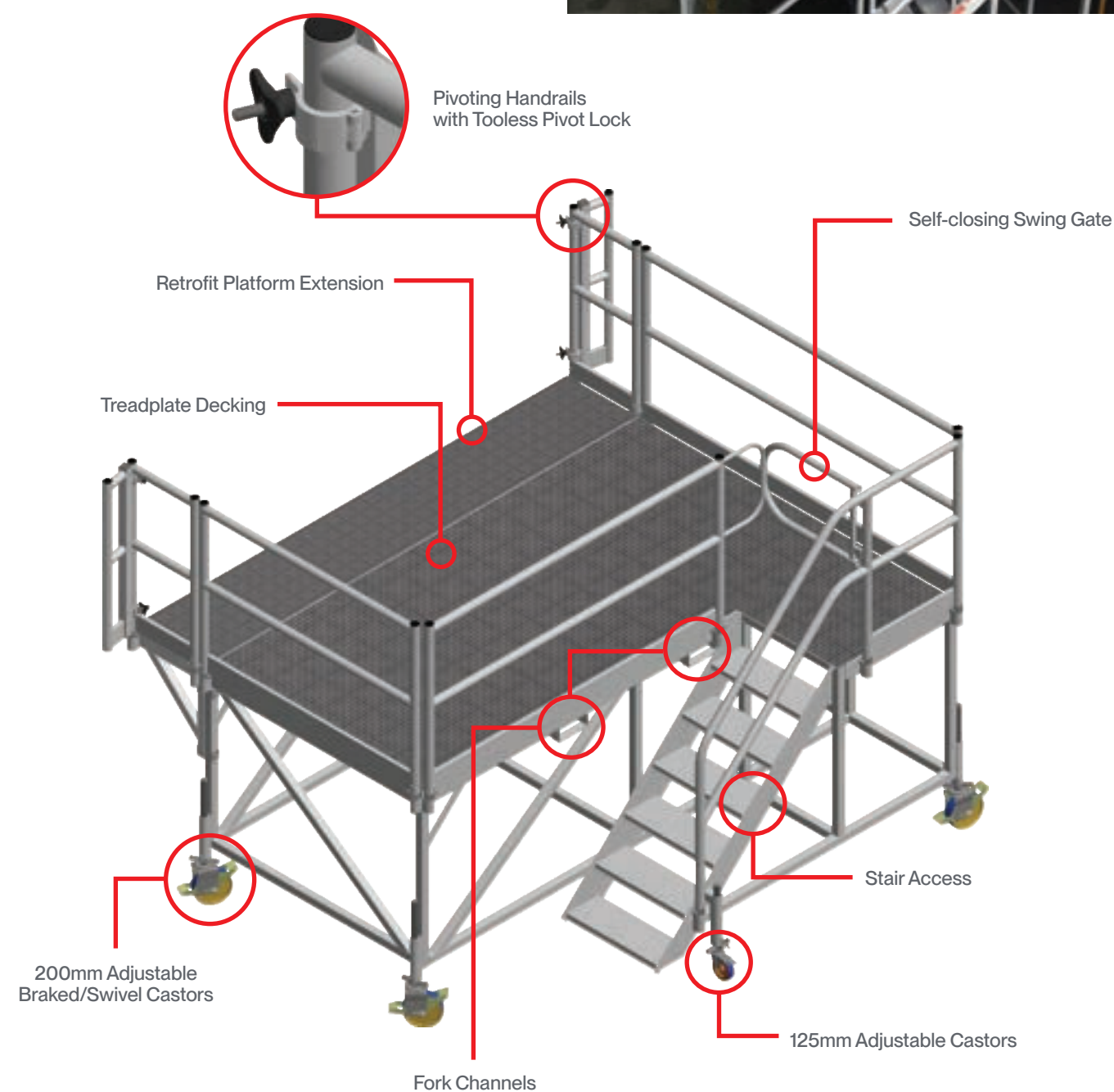


02 Rail Access

Refrigerated Truck Servicing Platform

- Large platform to carry out works and stage removed components.
- 45° stair access allows parts and tools to be safely carried onto the platform.
- Self-closing gate for added safety.
- Griptread stair extrusion prevents slips, even with slippery footwear.

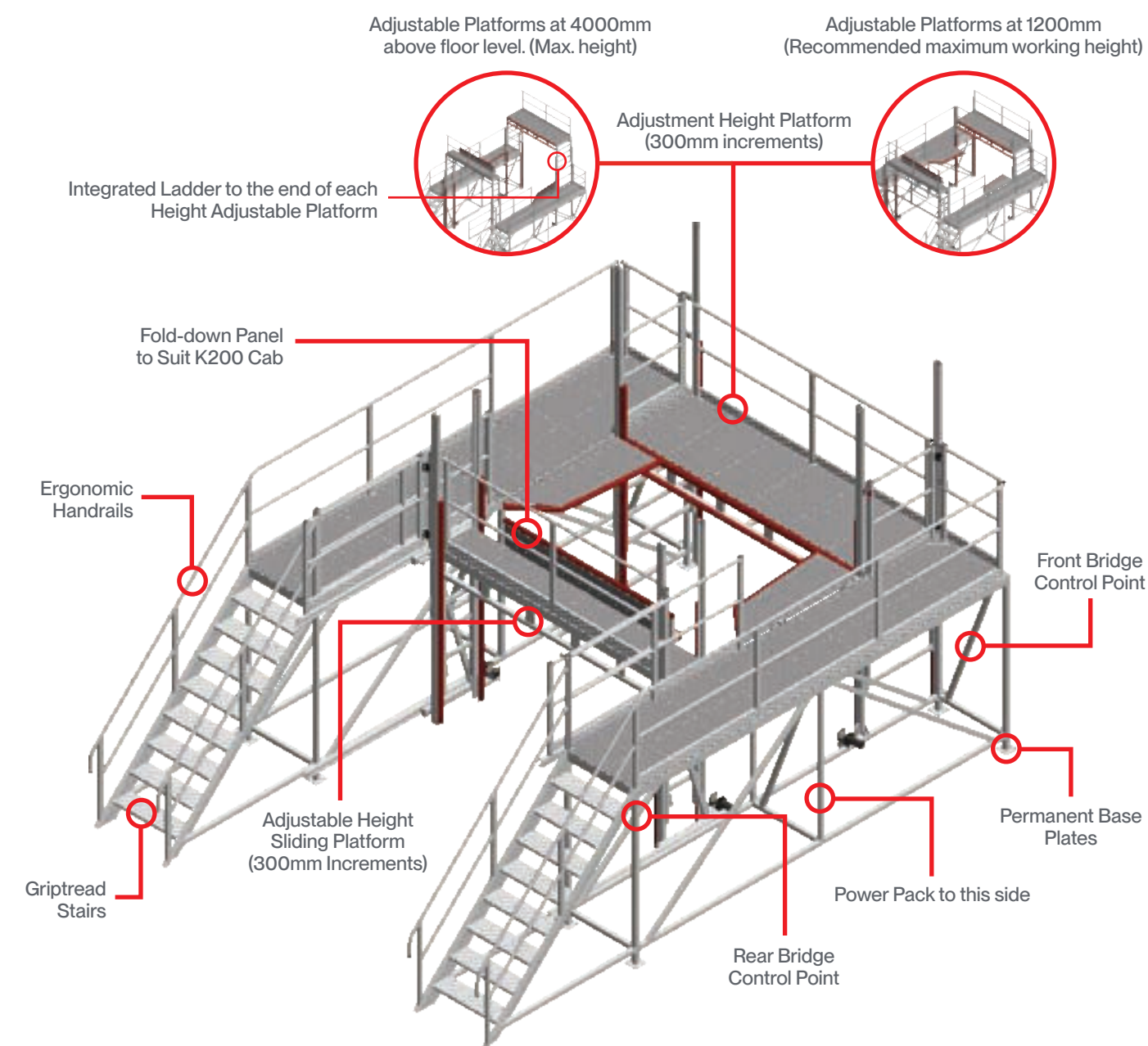
500kg
WLL



03 Vehicle Access

Truck Cab Manufacture Platform

- Stair access allows tools and parts to be carried safely to and from the workspace.
- Folding and sliding platform sections reconfigure easily around multiple truck cab types.
- Height-adjustable bridging modules enable smooth passage of truck cabs along the assembly line.
- Motorised winch for effortless adjustment and positioning.
- Foam rubber buffering protects equipment from damage during use.

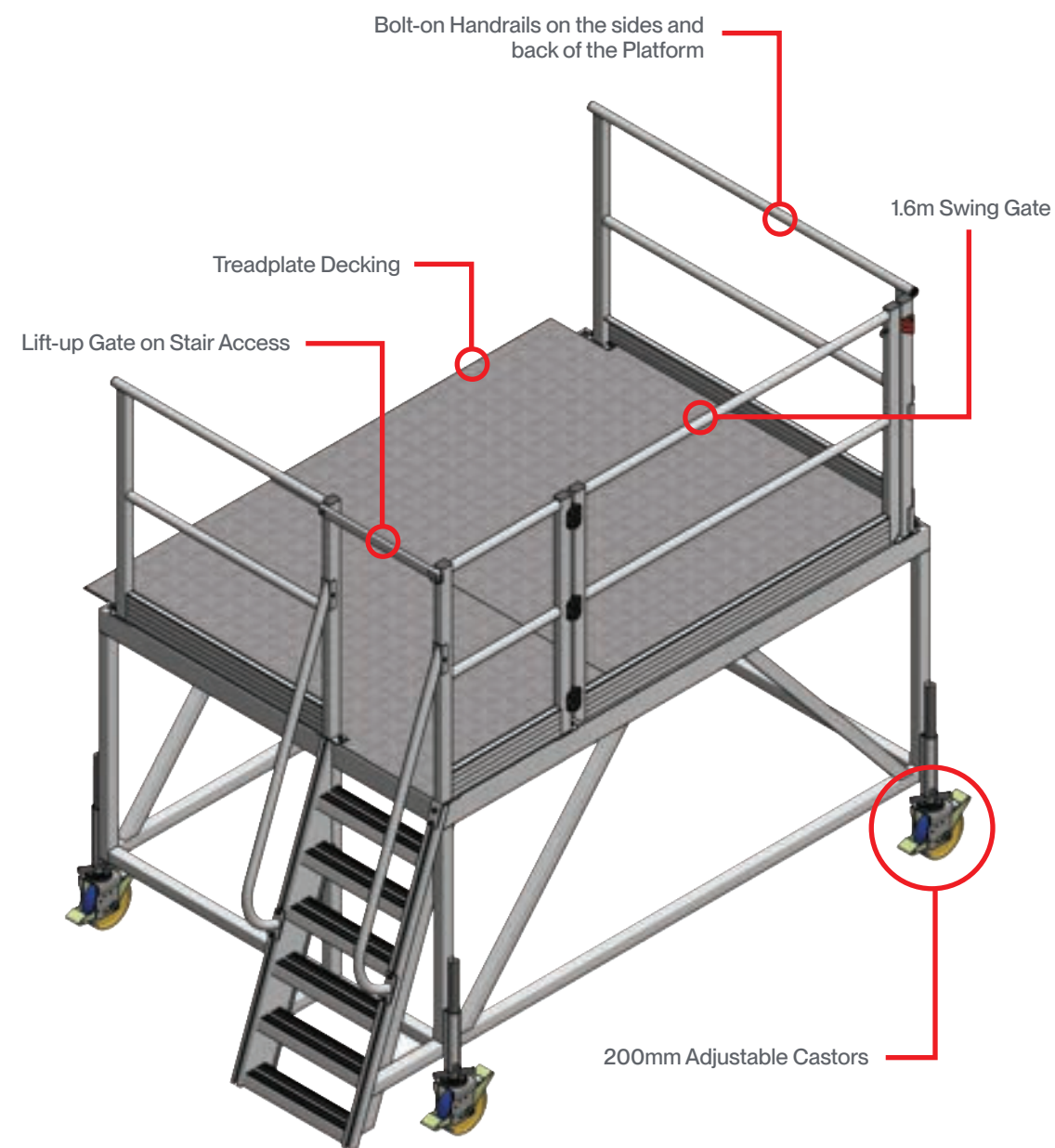


Height Access Solutions
www.safesmartaccess.co.uk

03 Vehicle Access

Container Unloading Platform

- Ideal solution for sites without a fixed loading dock.
- Platform positions directly to the rear of a container truck for easy unloading.
- Allows items to be transferred from the container and stacked on pallets at platform level.
- Pallets can be removed via forklift through the pallet gate.
- Adjustable height castors level the platform to suit varying container heights.
- Available in a range of heights and configurations, with the standard 2400mm width designed to cover the full container width.



03 Vehicle Access

Ambulance Roof Access Platform

- 45° stair access for safe and ease easy movement with painting tools.
- Self-closing gate for enhanced safety.
- Adjustable height to suit a variety of application.
- Large 200mm castors for smooth relocation.
- Optional guardrail frames allow two units to be connected across the roof of plant or machinery, creating a safe corral for roof access.





INDUSTRY STORY

Alstom - Car Body Fabrication Fixed Gantry

The Car Body Fabrication Gantry from SafeSmart supports Alstom Transport Australia's strategy to improve efficiency and safety in tram manufacturing at Dandenong by providing safe, easy access to critical production areas.

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

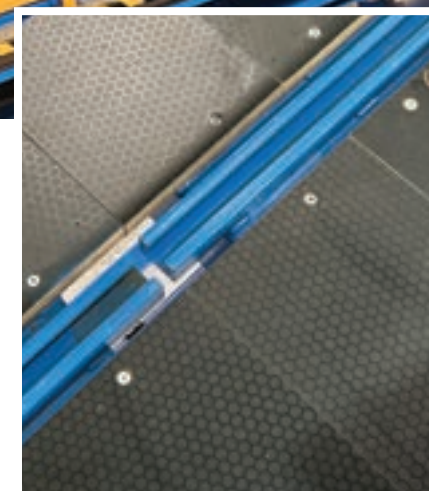
Alstom has committed to producing 65% of the trams locally, with 85% of the maintenance tasks handled within Victoria. Such commitments highlight the company's dedication to

boosting local economies and creating robust job opportunities.

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

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

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



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

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

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

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

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



A Better Way

UK 0845 382 1000

sales@safesmartaccess.co.uk

Unit C9, Codham Hall, J29 M25/A127, Brentwood, CM13 3JT

Other Locations

AUSTRALIA

02 8844 4500

NEW ZEALAND

0800 000 448

UNITED STATES

310 410 1525

CANADA

1-866 635 8818

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