



Oil & Gas

Edition 3

 **SafeSmart**

A Better Way™

**Toronto
Regina
Vancouver**

1-866 635 8818

Height Access Solutions
safesmartaccess.ca



THE GLOBAL BRAND TRUSTED BY LEADING ENERGY COMPANIES AROUND THE WORLD

SafeSmart Access is a manufacturer of portable height access equipment. Since 2015, SafeSmart Access has supplied premium height access solutions across Canada, supported by a worldwide distribution network catering to the construction, defence, mining, aviation, and transport industries.

Across all industries, we work closely with clients to design and manufacture custom-built steps, stairs, work platforms, and various other products that enhance safety and efficiency on worksites.

SafeSmart—and our specialist division, Proscaf—has branches in Canada, the USA, Australia, New Zealand, the UK, and Europe. We understand the regulatory requirements for safety compliance in each region and design our products to meet those standards.

THE SAFESMART SECRET

We have the resources and dedicated support teams to stay at the forefront of innovation in the demanding world of height access.

From our in-house design experts to our advanced production and independent certification processes, our can-do approach ensures we work closely with you to solve challenges, improve safety, and streamline workplace efficiency.

QUALITY MATERIALS. QUALITY WORKMANSHIP.



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 manufactures only with high-quality marine grade aluminum or high-quality steel.

We design our products in close consideration of the demanding requirements of the North American energy industry.

In-house fabrication of custom products is undertaken in our ISO-9001 & CWB 47.2 certified facilities 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.





01 Work Platforms



S 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
210530	3300mm	1000 x 1000mm	12 Step
210531	3600mm	1000 x 1000mm	13 Step
210532	3950mm	1000 x 1000mm	14 Step

- Engineers’ approval, WLL rating & serial number certification plate.
- Built tough with 82 x 50mm marine grade aluminum RHS.
- Perforated & swaged deck for superior traction in wet and greasy conditions.

225kg
WLL

Complies with
Canadian OH&S
Regulations

5 FIVE YEAR
WARRANTY



**PERFECT FOR PLANT
MAINTENANCE**



SUPER MAINTENANCE PLATFORM A CLOSER LOOK



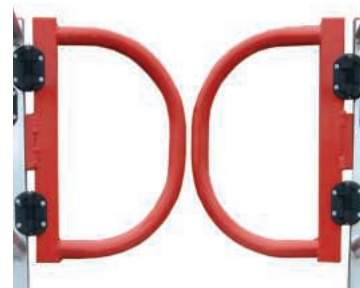
01 Work Platforms

SUPER MAINTENANCE PLATFORM ACCESSORIES

BATWING GATES

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

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



FOLD-OUT PROTECTION WINGS

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

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



RETROFIT SIDE ENTRY GATE

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

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



01 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.



ROUGH GROUND KIT - RETROFIT

Code	Description
900058	259mm Foam-Filled Pneumatic Tires

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



01 Work Platforms

S SAFESMART SIGNATURE SERIES

SUPER MAINTENANCE PLATFORM



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01 Work Platforms

SAFESMART SIGNATURE SERIES

CANTILEVER PLATFORM

Code	Platform Height	Platform Size	Steps
210240	565mm	800 x 1800mm	2 Step
210241	850mm	800 x 1800mm	3 Step
210242	1130mm	800 x 1800mm	4 Step
210243	1400mm	800 x 1800mm	5 Step
210244	1700mm	800 x 1800mm	6 Step
210245	1970mm	1000 x 2000mm	7 Step
210246	2250mm	1000 x 2000mm	8 Step
210247	2540mm	1000 x 2000mm	9 Step
210248	2828mm	1000 x 2000mm	10 Step
210249	3100mm	1000 x 2000mm	11 Step
210550	3300mm	1000 x 2000mm	12 Step
210551	3600mm	1000 x 2000mm	13 Step
210552	3950mm	1000 x 2000mm	14 Step
210553	7 Step Cantilever Platform 1.0mL Upgrade Kit/Package*		
210554	8 Step Cantilever Platform 1.0mL Upgrade Kit/Package*		
210555	9 Step Cantilever Platform 1.0mL Upgrade Kit/Package*		
210556	10 Step Cantilever Platform 1.0mL Upgrade Kit/Package*		
210557	11 Step Cantilever Platform 1.0mL Upgrade Kit/Package*		
900340	Rough Ground Kit - incl. 260mm Solid Rubber Wheels & Wind-down Jacks		
210293	Retrofit 0.8mL Forklift Channel Set of 2 (suits up to 6 steps)		
210294	Retrofit 1.0mL Forklift Channel Set of 2 (suits 7 step and above)		

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

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

225kg
WLL

Complies with
Canadian OH&S
Regulations

5 FIVE YEAR WARRANTY



CLEARANCE FOR CANTILEVER PLATFORMS

Work Platforms

Stairs

Custom Solutions

01 Work Platforms

CANTILEVER PLATFORM

A CLOSER LOOK



SCAN CODE
TO VIEW
VIDEO



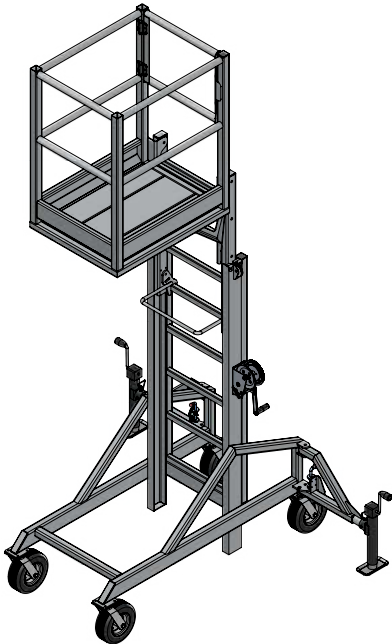
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FLOATDECK

Code	Platform Size	Platform Height
900190	914mmW x 711mmL	2.1 - 3.6m

- Single person access platform - crank height adjustable with extra stability of outriggers.
- Oversize wheels allow the platform to be used in environments with rough ground while the ability to fold up the outriggers and reduce the platform height allows the FloatDeck to be stored in compact areas.
- A trusted tool for maintenance in industrial environments and used in many Compressor stations and Pump stations in Canada.

300kg
WLL



01 Work Platforms

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EASYRAISE

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

Complies with
Canadian OH&S
Regulations



ONE PLATFORM - 6 HEIGHT SETTINGS



EASYRAISE 4-STEP PLATFORM (210371)



EASYRAISE 4-STEP PLATFORM (210371)
6 STEP HEIGHT ADJUSTMENT



EASYRAISE 4-STEP PLATFORM (210371)
8 STEP HEIGHT ADJUSTMENT



01 Work Platforms

EASYRAISE A CLOSER LOOK



SCAN CODE
TO VIEW
VIDEO

Work Platforms

Stairs

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*ROUGH GROUND KIT AVAILABLE

01 Work Platforms

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 21 METERS

Code	Description	Measurements
210123	AdaptaSpan Modular Bridge Accessories Brace structure incl H/ware	-
210126	AdaptaSpan Modular Bridge Accessories Guardrail Strongback	100 x 50 x 4mm 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.

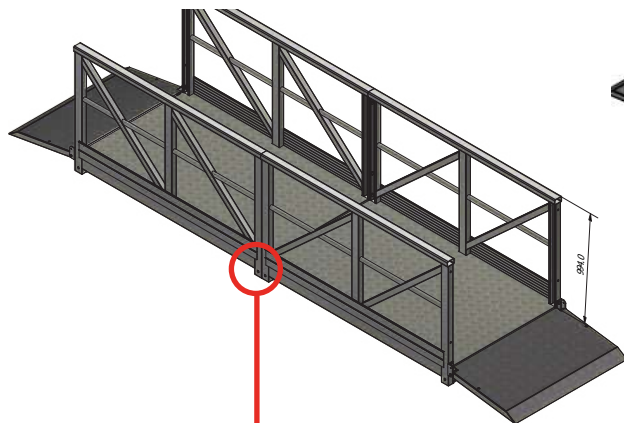
2.5kPa
WLL



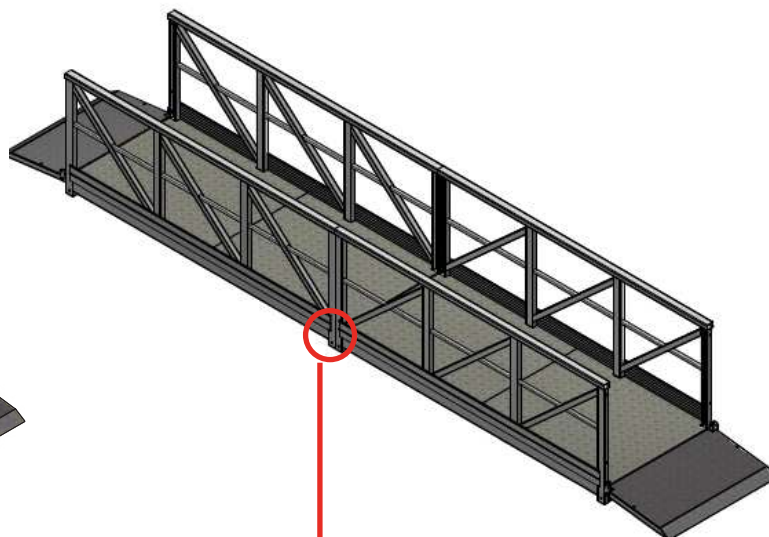
ADAPTASpan MODULES

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

4m BRIDGE (2 X 2mL MODULES)



6m BRIDGE (2 X 3mL MODULES)



**BRIDGE
MODULES
BOLT
END-TO-END**



SCAN CODE
TO VIEW
VIDEO



01 Work Platforms

XL PLATFORMS

- Application is for larger areas - available in 280mm increments from 0.9m to 3.0m platform height.
- Higher handrail option allows for users to use step ladders etc on top of the platform.
- 1.2m x 2.4m platform.
- Vertical Ladder or 45-degree stairs option.
- Self-Closing Gate option.
- Handrails removable in sections.
- Leveling feet to adjust to grade.
- 2 - XL platforms can join together to form large square platform to surround valve.



01 Work Platforms

XL PLATFORMS

Size	Platform Only	Stair Only	Ladder Only
0.9mH	1023112001	1022112001	1024112001
1.2mH	1023112002	1022112002	1024112002
1.5mH	1023112003	1022112003	1024112003
1.8mH	1023112004	1022112004	1024112004
2.1mH	1023112005	1022112005	1024112005
2.4mH	1023112006	1022112006	1024112006
2.7mH	1023112007	1022112007	1024112007
3.0mH	1023112008	1022112008	1024112008



ADJUSTASTAIRS



02 Stairs

S | SAFESMART SIGNATURE SERIES

ADJUSTASTAIRS

MODELS AVAILABLE

600MMW ALUMINUM (3-24 STEPS)

Code	Steps	Height Range
210818	3	0.49m - 0.67m
210813	6	0.97m - 1.33m
210814	9	1.43m - 2.0m
210815	12	1.91m - 2.67m
210816	15	2.39m - 3.33m^
210817	18	2.87m - 4.1m^
210869	21	3.3m - 4.7m^
210997	24	3.8m - 5.3m^

^Stairs include trussed stringer.

4.8kPa

WLL

1200MMW ALUMINUM (3-24 STEPS)

Code	Steps	Height Range
210821	3	0.49m - 0.67m
210822	6	0.97m - 1.33m
210823	9	1.43m - 2.0m
210824	12	1.91m - 2.67m^
210825*	15	2.39m - 3.33m^
210826*	18	2.87m - 4.1m^
210999	21	3.3m - 4.7m^
210998	24	3.8m - 5.3m^

^Stairs include trussed stringer.

4.8kPa

WLL

600MMW FIBREGLASS

Code	Steps	Height Range
210833	6	0.94m - 1.3m
210743	7	1.1m - 1.52m

300kg

WLL

*Lifting Lugs included

- Stair tread and handrails meet the loading requirements of Canadian OH&S.
- Stairs can be configured to meet respective geometry requirements Canadian OH&S.
- Suggested height range of stairs listed allows for an angle of stairway slope of between 32 – 48 degrees
- Stairs with a slope greater than 45 degrees will not be in compliance with Canadian OH&S.

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

— Scaffold Manager,
NII Construction



02 Stairs

ADJUSTASTAIRS: HOW DO THEY SELF-LEVEL AND ATTACH?

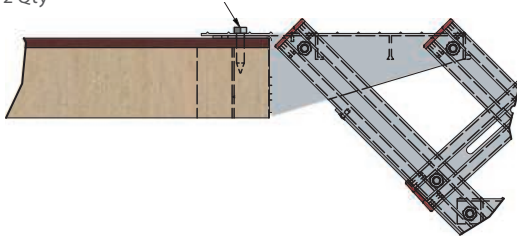
This innovative design allows the treads to move with the stringers. Treads will self-level to provide a firm, flat surface at the desired height.

Once level, they are fixed to the support surface as shown below.

TIMBER FIXING - TOP STEP

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

Min. 2 Qty

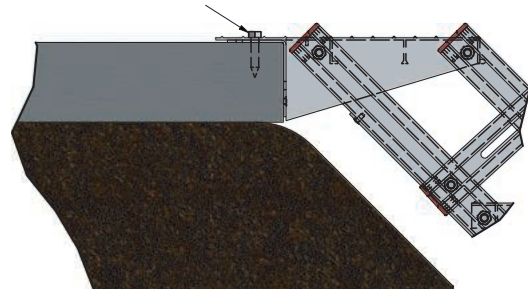


CONCRETE FIXING

Ø 10 x 50mm Concrete Anchor Screw

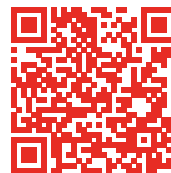
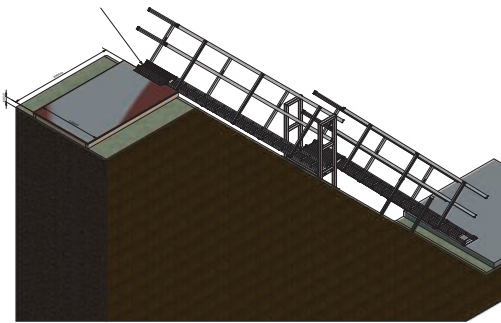
Min. 2 Qty.

Min. Concrete strength 25MPa



FIXING DETAILS

Top Step Fixings as noted above:



SCAN CODE
TO VIEW
ADJUSTASTAIRS
VIDEO



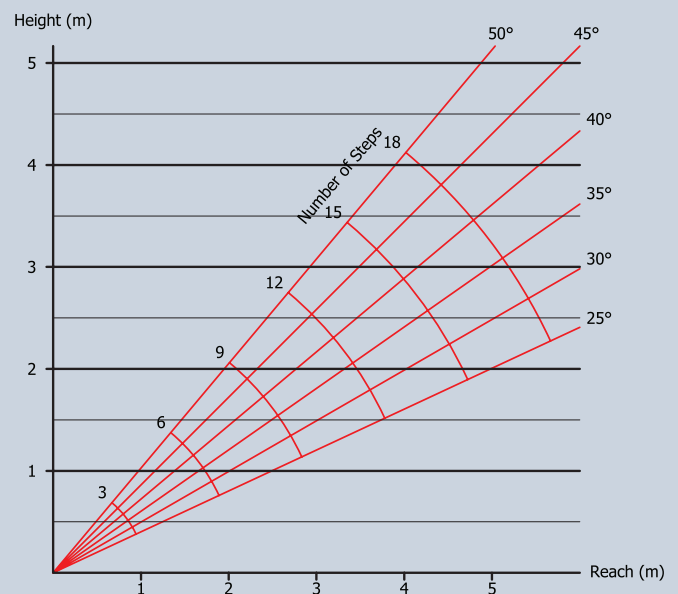
GAP BETWEEN
STRINGERS
DECREASES AS THE
STAIRS DECLINE



GAP BETWEEN
STRINGERS
INCREASES AS THE
STAIRS INCLINE



ADJUSTASTAIRS INCLINATION DIAGRAM



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



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ENTRY STAIRS



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

Complies with
Canadian OH&S
Regulations

225kg
WLL

70° LADDER RANGE

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



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

45° STAIR RANGE

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



STEPOVER STAIR
BRACE EXAMPLE

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



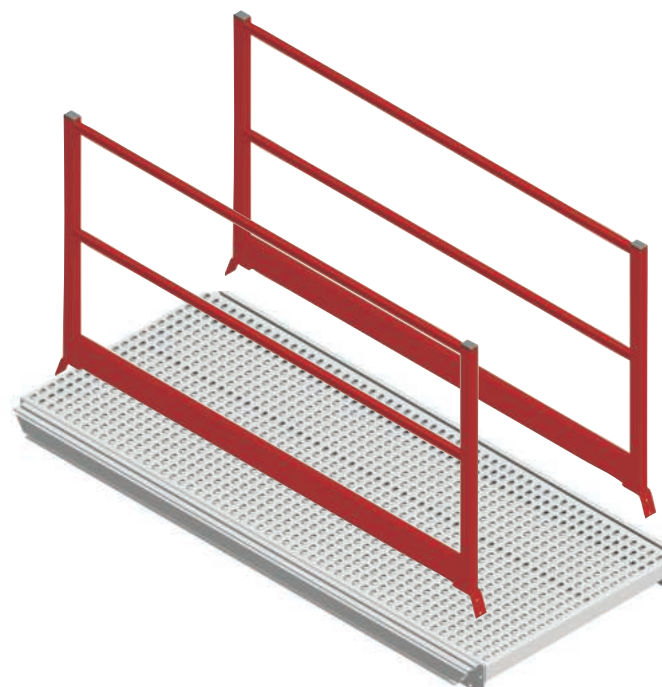
03 Custom Solutions

MODULAR STEPOVER COMPONENTS

PLATFORM BRIDGE RANGE

Code	Description
220200	Stepover Platform Bridge 0.6mL x 0.9mW
220201	Stepover Platform Bridge 1.0mL x 0.9mW
220202	Stepover Platform Bridge 1.5mL x 0.9mW
220203	Stepover Platform Bridge 2.0mL x 0.9mW
220204	Stepover Platform Bridge 3.0mL x 0.9mW
220205	Stepover Platform Bridge 4.0mL x 0.9mW
220206	Stepover Platform Bridge 6.0mL x 0.9mW

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



VERTICAL LADDER RANGE

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

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



SCAN CODE
TO VIEW
VIDEO

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MODULAR STEPOVER

ACCESSORIES

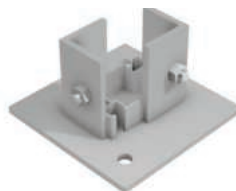
Code	Description
210142	Modular Short Leg (ea.)
210705	Permanent Base Plate Set to suit 70° Ladder. Set of two brackets.
210709	Permanent Base Plate set to suit Vertical Ladder (Set of two)
210144	Lifting Lug Angled - incl. Hardware (ea.)
210630	Modular Stepover Retrofit Wheel Kit Bracket
230235	Heavy-Duty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



MODULAR SHORT LEG
210142



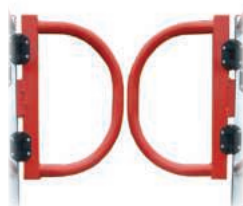
PERMANENT BASE PLATE SET
210705



PERMANENT BASE PLATE SET
(VERTICAL LADDER)
210709



LIFTING LUG ANGLED - INCL.
HARDWARE
210144



BATWING GATES
210899

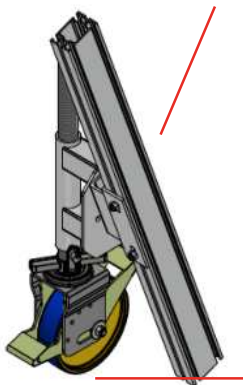


70-DEGREE LADDER BRACE
210788



90-DEGREE LADDER BRACE
210789

MODULAR STEPOVER RETROFIT WHEEL KIT
BRACKET
210630



FIXED BOLT-IN END PANEL
210681

HEAVY-DUTY ADJUSTABLE HEIGHT
CASTOR
230235

03 Custom Solutions

MODULAR STEPOVER APPLICATIONS



Work Platforms

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PREFABRICATED MODULAR STAIRS AND PLATFORMS

AdaptaStep bridges the gap between time-consuming, multi-component systems and rigid, one-size-fits-all solutions.

Designed to provide unmatched versatility and cost-efficiency without compromising safety or functionality.

With minimal, pre-engineered components, AdaptaStep can be quickly connected and configured into virtually any shape or layout. Whether navigating over pipes, conveyors, or ducting, around machinery, or across voids,

AdaptaStep delivers safe and reliable access in even the most challenging environments.

Customizable: Tailor it to your exact requirements with endless configuration possibilities.

Lightweight & Modular: Perfect for tight spaces or areas with limited access.

Easy Installation: No specialist tools or machinery required, reducing time and labor costs.

Durable Design: Engineered for safety and strength, ensuring reliable access for years to come.

AdaptaStep simplifies access challenges, making it the go-to solution for safe, efficient, and adaptable worksite access.

**LIGHTWEIGHT
ALUMINUM**

**4.8KPA
CAPACITY**

**CUSTOMIZE
WITH EASE**

**RAIL COLOUR
OPTIONS**

**QUICK
INSTALL**

**EXTENDED
CLEAR SPAN**





LIMITLESS CREATIONS & CONFIGURATIONS

AdaptaStep offers true configurability, allowing facilities to create custom access solutions that fit their exact layout. Its modular components—stairs, platforms, and supports—can be arranged in various heights, lengths, and orientations to safely bridge over piping, ductwork, or elevation changes. This flexibility eliminates the need for custom fabrication and ensures fast, OH&S-compliant access in even the most complex environments. AdaptaStep can be used to create efficient wall-mounted catwalks, crossovers, platforms, and more.

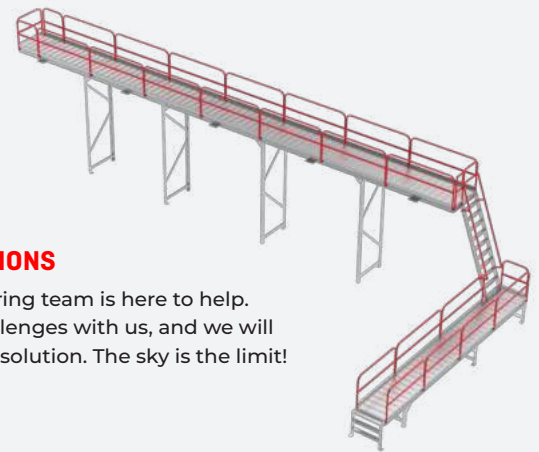
RAMPS & BRIDGES

Pair handrails and platforms for an easy and lightweight access over or onto your jobsite.



CROSSOVERS

Easily connect components onsite or use preassembled packages to safely cross pipes, roof units, or any other obstacle onsite!



CUSTOM ENGINEERED SOLUTIONS

Our in-house design and engineering team is here to help. Share your access or obstacle challenges with us, and we will deliver a safe and efficient design solution. The sky is the limit!

INDUSTRY STORY: TRANS MOUNTAIN PIPELINE - ADAPTASTEP



THE CHALLENGE

On the expanded Trans Mountain Pipeline System, high-point vent instrumentation sits on top of every pig launcher and receiver, outside safe reach for crews. Operators relied on slow, costly, semi-permanent scaffolding to reliably access it.

This was an unsustainable solution; the site required permanent, efficient access, installed without hot work.

THE SOLUTION

SafeSmart inspected each site and specified the AdaptaStep modular system, adapted to the geometry of each location. AdaptaStep bolts together using pre-engineered aluminum components; the system was installed with **zero hot work**: no welding, no cranes, no specialists required.

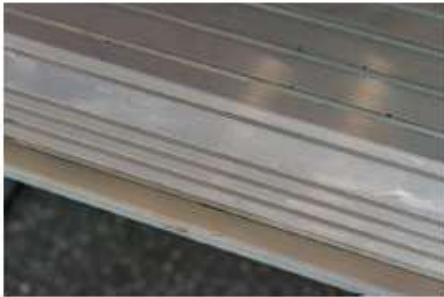
Each platform was anchored to its foundation and fitted with grip-tread stairs, full guardrails, self-closing safety gates and anti-slip decking - several platforms were further adapted on site to clear valves, doors, and pipework without interference.

THE RESULT

Semi-permanent scaffolding was completely replaced with permanent, OH&S-compliant AdaptaStep Platforms from Alberta to the BC coast.

Operators now have safe, efficient, compliant access to high-point vent instrumentation at every pig trap, with zero scaffolding to erect, dismantle, or maintain, and zero hot work permits, welding crews, or specialists required, taking the costs and delays out of every future inspection.

KEY FEATURES



PLATFORM AND STEP EXTRUSIONS

Nesting shape design for added strength and fast thread bolts for quick attachment. Available in 4" and 9.5" widths.



STRUCTURAL SUPPORT EXTRUSION

No drilling required. Quick-attach handrails easily attach to any point along the tee slot with off-the-shelf fasteners or SafeSmart Tee bolts. Two tee slot extrusion shapes are available for clear spans of up to 20ft.



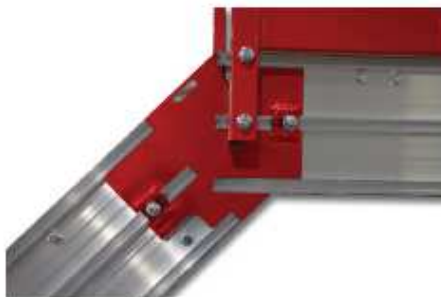
PRE-FORMED POWDER COATED HANDRAIL PANELS

Easily join panels together for continuous protection with up to 8ft spans between posts. Each panel corresponds to the platform and step dimensions for easy and safe assembly.



STAIR MOUNTING PLATE

The mounting plate joins effortlessly into the tee slot stair plate. The structure of the plate enables the tee bolt to be easily inserted and fastened while the Tee Slot extrusions avoid interference with the handrail components.



CONNECTION ELEMENTS

The T-Slot design allows for a fast and safe connection of multiple extrusions. Specially designed tee slot ridges offer extra strength and zero interference with handrail and leg placements. Easy to customize on the job site with standard aluminum cutting equipment for a rust-resistant, configurable design that will withstand the harshest of conditions.

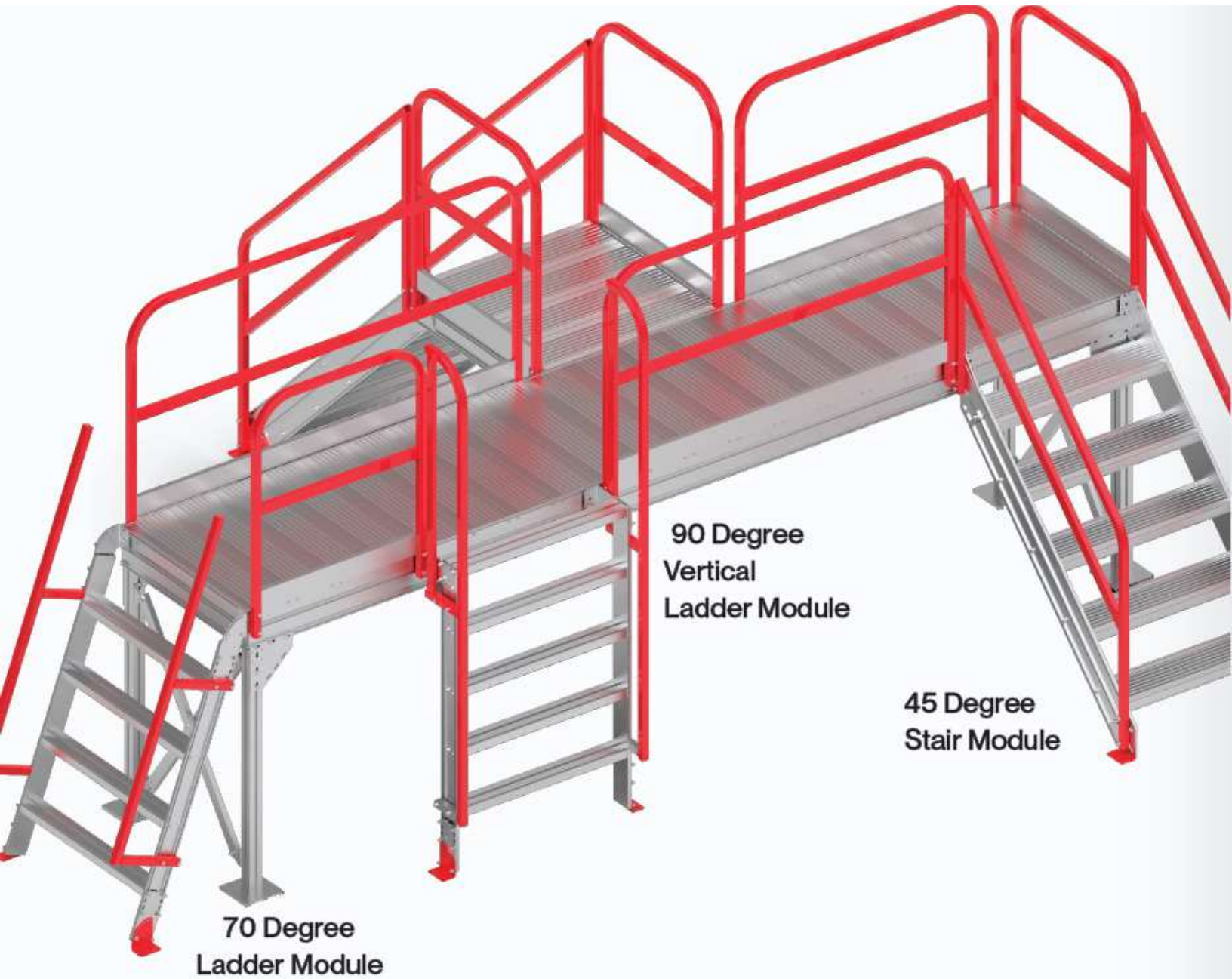


SPECIAL HARDWARE

Thread forming, high-tensile screws. Provides a perfect fit for extrusions up to four inches for a strong and secure connection that can be untightened and removed if necessary. Tested in full saltwater immersion for 3,000 hours with no visible signs of rust.

T-Bolts are designed especially for SafeSmart Access equipment for a quick, 90 degree twist lock within the tee slot. Perfect for securing connectors and handrail posts.

MODULAR COMPONENTS



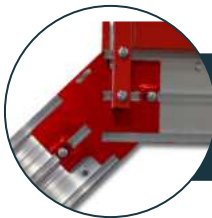
70 Degree
Ladder Module

90 Degree
Vertical
Ladder Module

45 Degree
Stair Module

STANDARD JOINERS & ATTACHMENTS

Our dynamic joiners and connection brackets are the key to AdaptaStep's unmatched configurability. Engineered to securely link modular components together, these joiners allow the system to be tailored to fit unique site conditions with precision and ease. Whether you're building a straight staircase, a 90° turn onto a platform, or a 45° or 70° angled egress around equipment or obstructions, these components make it possible—without cutting, welding, or fabrication.



45 DEGREE JOINER



45 DEGREE FOOT



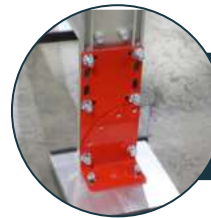
70 DEGREE JOINER



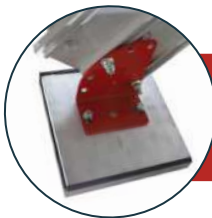
70 DEGREE FOOT



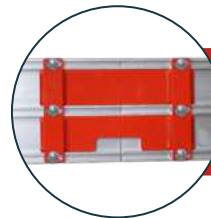
90 DEGREE JOINER



90 DEGREE FOOT



NON-PENETRATING FOOT



STRAIGHT SLOT JOINER

03 Custom Solutions



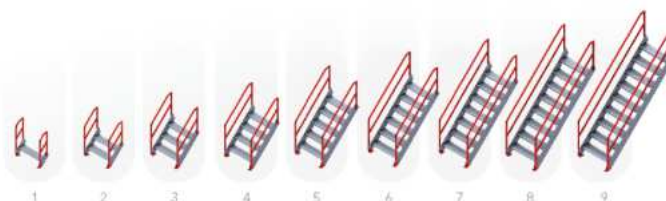
45 DEGREE STAIR MODULE

- 9.5 inch tread length, 9.5 inch height between steps
- Ribbed and perforated steps
- Handrails bolt to sides of the stair

MODULE DIMENSIONS

TREAD WIDTH	VERTICAL HEIGHT
24 inch	From 19 inch to 12 feet in 9.5 inch increments
36 inch	
48 inch	

Available in 1 to 9 step configurations



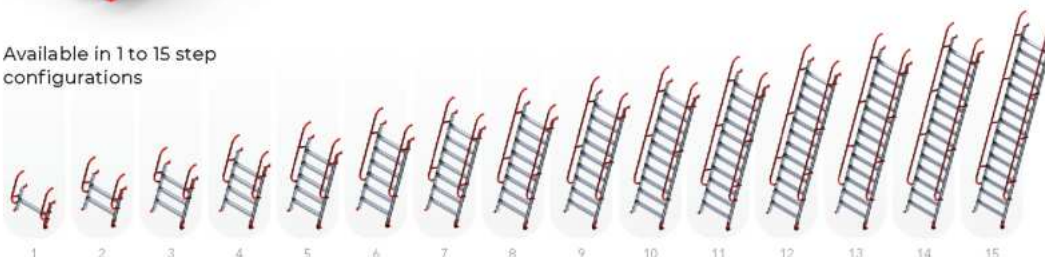
70 DEGREE LADDER MODULE

- Typical step height is 12 inches, 70 degree gradient
- Includes 2 handrails which bolt to the sides of the ladder

MODULE DIMENSIONS

TREAD WIDTH	VERTICAL HEIGHT
24 inch	From 24 inch to 12 feet in 12 inch increments
36 inch	
48 inch	

Available in 1 to 15 step configurations



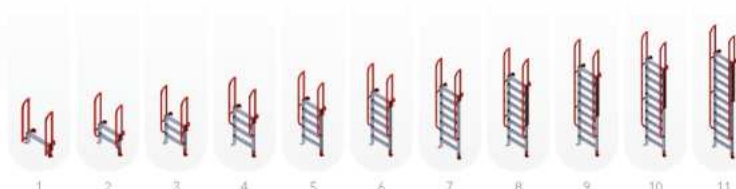
90 DEGREE LADDER MODULE

- Typical rung spacing 12 inches
- Includes 2 handrails which bolt to the sides of the ladder
- 2 standard widths: 3ft and 4ft

MODULE DIMENSIONS

TREAD WIDTH	VERTICAL HEIGHT
24 inch	From 24 inch to 12 feet in 12 inch increments
36 inch	
48 inch	

Available in 1 to 11 rung configurations



INDUSTRY STORY: SOUTH BOW - ADAPTASTEP



THE CHALLENGE

At its new Blackrod Connection pipeline & tank terminal in Alberta, South Bow required a safe, efficient, compliant method for crews to cross the secondary containment walls around its storage tanks.

Climbing over is not an option and fixed steel structures at every crossing are a slow and costly solution.

THE SOLUTION

SafeSmart proposed the AdaptaStep system; the modular capabilities of AdaptaStep allows operators flexibility to adapt to the specific requirements of the site.

AdaptaStep is pre-engineered with high-strength aluminum components that bolt together with zero welding, zero cranes, and zero custom fabrication required.

The system was configured into crossover staircases that climb up, over and down the containment walls to land crews exactly where they needed to work.

Adjustable in fine increments with single spans up to 20 feet (6.1m), every run carries grip-tread stairs, guardrails, and full edge protection.

Using our 3D Models catalogue, SafeSmart assisted the EPC to expedite the design of the stepovers.

THE RESULT

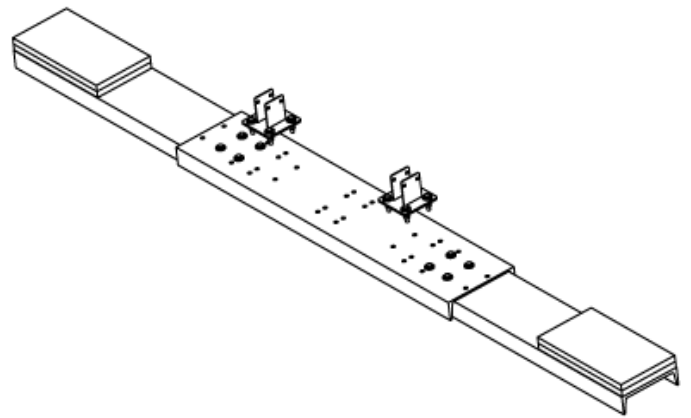
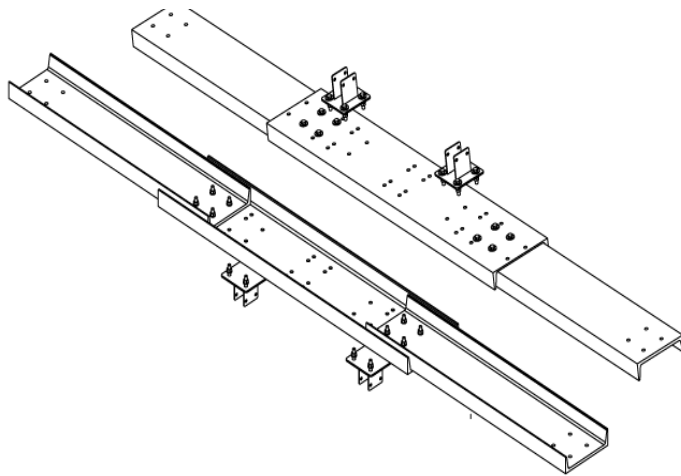
South Bow gained safe, permanent OH&S-compliant access over its tank containment walls: engineered perfectly to the site yet installed with standard tools and zero specialists.

Because the system is modular, it can be reconfigured, extended, and relocated around the site as the operation grows; serving as a flexible, cost-effective, always ready alternative to fixed steelwork.

03 Custom Solutions

UNIVERSAL BALLAST SYSTEM

- Universal Ballast System replaces piles and secures the platform in gravel-graded applications.



INDUSTRY STORY: HVAC PLATFORM - CUSTOM



Work Platforms

Stairs

THE CHALLENGE

TC Energy is a large multinational builder and operator of Pipelines and Power Generation facilities throughout Canada, USA and Mexico.

TC's Energy's natural gas processing pipelines include many compressor stations in remote areas of Alberta and British Columbia which include HVAC systems mounted on the outside of the buildings. Servicing these HVAC units is challenging since the filters requiring servicing are between 8' (2.4m) and 15' (4.6m) above the ground.

THE SOLUTION

SafeSmart Access was tasked to design an OH&S-compliant solution that would allow workers safe access to the HVAC units. The solution needed to account for remote sites where the ground may not be level, and the requirement of shipping these platforms to remote locations. The design needed to accommodate workers' safe use of a step ladder on top of the platforms to access the highest parts of the HVAC system.

SafeSmart designed a platform to surround the HVAC units with height adjustable legs to cope with the uneven ground conditions. Also included were extended height guardrails to allow the workers to use a stepladder on top of the platform to reach higher areas of the HVAC system.

THE RESULT

The platforms have become an essential part of several Compressor Stations throughout TC Energy's system.

After seeing the benefits of the SafeSmart-designed platforms on one site, site personnel made a priority to implement the platforms across their network of facilities.

Custom Solutions



A Better Way™

SafeSmart

Office Locations

Toronto **ON** | Regina **SK** | Vancouver **BC**

Height Access Solutions | www.safesmartaccess.ca