



Height Access Solutions for Rotary Aircraft

Edition 3 | 2026

 **SafeSmart**
AVIATION

A Better Way

Global Locations
Oceania
United Kingdom
EMEA
Americas

Height Access Solutions
safesmartaviation.com



WORLDWIDE
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UAE



Capabilities

The SafeSmart Aviation Client Experience

We know that with the development of every new aircraft, comes new challenges for safely accessing it during maintenance and other ground-based activities – new contours, new protrusions for avionics and other equipment.

With our in-house design and manufacturing teams, we save clients time by developing the most innovative solutions. We consult with clients on all types of aircraft, design custom platforms in-house, manufacture the final products internally, and deliver and install them as requested.

Consultation

Our pre-sales service is where we stand above the rest. In each region where SafeSmart Aviation serves, we have qualified representatives who specifically understand the Aviation industry and its requirements when working at height around aircrafts.

We can visit your worksite to assess your hangar or ramp for potential dangers and advise solutions for adding safety and efficiency to your maintenance activities. We will take dimensions of the aircraft on-site or via correspondence, consider all sensitive areas of the aircraft and provide our design team with a brief on the best approach to access the specified point or points.

Concept and Design

Our in-house design team take into consideration all aspects of the aircraft's needs for safe and efficient maintenance turnaround times and create a design that perfectly suits the aircraft – whether it is for a full-surround platform or a specific product to allow access to wheel wells, windscreens, tails, or any other maintenance work areas.

Using the latest design software, clients are presented with full drawings and interactive CAD files, so they can explore the solution at all angles prior to sign-off on manufacture.

When it All Comes Together

Our fabrication facilities in the USA and New Zealand, feature some of the most skilled tradespeople, with experience in working with many materials—particularly aluminium—which produces workmanship at welded points and mechanical features including, sliding, telescoping, pivoting, and hinged features that are second to none.

The final products undergo chemical treatment for enhanced weather resistance, are carefully packed, and shipped worldwide through our trusted freight partners.

Comprehensive Support Beyond Delivery

SafeSmart Aviation provides comprehensive after-sales support, including instructional documentation for assembly and maintenance, onsite visits to evaluate the system's effectiveness, and ongoing updates on regulatory changes relevant to the airfield's region.



5 Steps to Success The SafeSmart Journey



Who We Serve



Scoping

We thoroughly scope your business and engage with all stakeholders to understand challenges, functionality, and key deliverables that have led you to seek a solution



Solution

We form the proposed solution based on the details acquired from the scoping phase. A consensus is established with technical stakeholders on the functionality, operational considerations, and schedule to ensure the solution is suited to these requirements.

Proposal

We present our commercial proposal, which includes product specification details, key features, and deliverables, along with a commercial quote for final review and approval.



Delivery

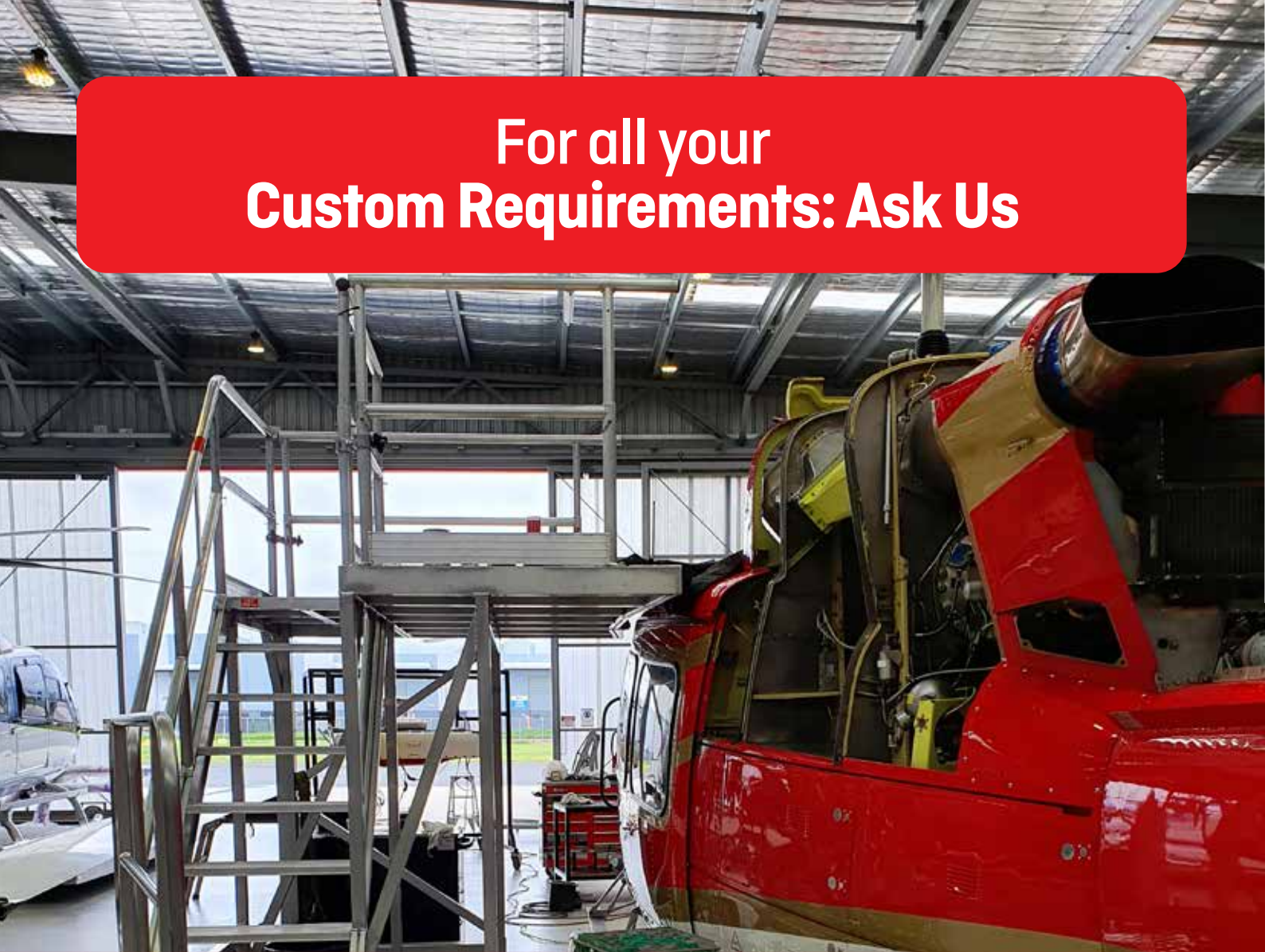
The delivery phase captures everything after the purchase order is issued. We complete the final design, obtain the design approval, proceed with manufacture, quality assurance procedures, commissioning, and on-site delivery of the solution.

Support

We continue to support you through the life of the supplied solution. This includes the provision of supporting documentation, delivery of spare parts, product inspections and re-certification (if applicable), and ongoing product training (as required).



For all your
Custom Requirements: Ask Us



SafeSmart
AVIATION

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Stocked Solutions



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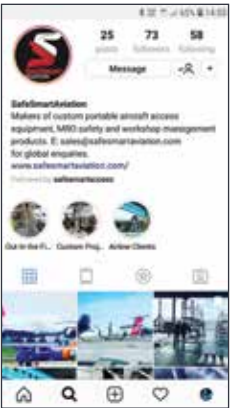
FROM ANYWHERE IN THE WORLD

Find out more about SafeSmart Aviation online now.

For digital versions of this catalogue, new case studies and to interact with CAD animations of custom projects, go to safesmartaviation.com

Instagram and LinkedIn

Join the conversation or see our projects as they happen.



SafeSmart
AVIATION

01 Stocked Solutions

Chock & Cone Trolley

Code	Description
210760	Aviation Chock and Cone Trolley

- › Keeps the ramp neat and tidy with an efficient storage area for chocks and cones.
- › Standard unit holds 8 chocks and 8 cones and can be customised to suit different quantities.
- › Foot operated floor locks to quickly secure and move trolley.
- › Ergonomic handles makes it easy for one person to operate and manoeuvre.
- › Slashes time: One person can quickly and easily move around an aircraft, to place or remove chocks and cones.
- › Slashes manpower: One person can complete the task in the same amount of time it previously took 4 people.
- › Wind rated for 98kph.



01 Stocked Solutions

Warthog Platform Ladder

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



- › 450 x 450mm platform area for ample workspace.
- › Backed by a 10 year manufacturers warranty.
- › Fully welded box-section aluminium frame.
- › Engineered to resist twisting, unlike standard platform ladders.
- › Platform kick board prevents slips and spills.
- › Large, comfortable platform and handrail support for extended-duration of work.
- › Folds flat for easy storage and transportation.



01 Stocked Solutions

Branach Fibreglass Platform

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

- › Sturdy & durable.
- › Lightweight & easy to move.
- › Single action set-up.
- › Comfortable, non-restrictive 450mm wide platform.
- › Non-slip hinged aluminium platform.
- › Rubber feet.
- › Optional backrail for all round protection.

150kg
WLL

Electrically
Safe



01 Stocked Solutions

A Frame Aviation Platform

Code	Description
210283	3 Step 850mmH
210284	5 Step 1400mmH
210285	7 Step 2000mmH
210286	Heavy Duty Handrail set including Toeboard

- › Ideal for working under the fuselage of an aircraft.
- › 450 x 450mm platform area.
- › Complete with wheels, handles and rubber buffers.
- › Handrail set for added peace of mind and compliance in use (when there are no overhead obstructions).
- › Heavy-duty welded frame for engineering use.

Collapsed Guardrail and Gate Set



Guardrail and Gate Set



225kg
WLL



01 Stocked Solutions

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
210106	3600mm	1000 x 1000mm	13 Step
210107	3950mm	1000 x 1000mm	14 Step
210126	Batwing Gate		2 - 6 Step
210127	Batwing Gate		7 -14 Step
210834	Fold-out Protection Wings 1.2mL		2 - 6 Step
210849	Fold-out Protection Wings 1.0mL		7 - 14 Step

- › Certification plate includes engineers approval, SWL rating and serial number.
- › Built tough with 82 x 50mm marine grade aluminium RHS - no C channel!
- › Perforated and swaged deck for superior traction in wet & greasy conditions.
- › Wind rated for line conditions.

225kg
WLL

Complies with
AS 1657 : 2018



Ideal for
Tail Access



01 Stocked Solutions

Super Maintenance Platform
Accessories

Batwing Gates

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



- › Self-closing Batwing Gates 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



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

Retro-fit Accessories

Code	Description
220119	1.0m Retrofit LH Side-Entry Gate Set
220120	1.0m Retrofit RH Side-Entry Gate Set
220121	0.8m Retrofit LH Side-Entry Gate Set
220122	0.8m Retrofit RH Side-Entry Gate Set
220126	0.8m Retrofit LH & RH Exit Gate w. Fixed End Panel (2 - 6 Step)
220127	1.0m Retrofit LH & RH Exit Gate w. Fixed End Panel (2 - 6 Step)
210291	Retrofit 0.8mL Forklift Channel Set of 2
210292	Retrofit 1.0mL Forklift Channel Set of 2
210744	Retrofit - 125mm Castor Kit



Retrofit Entry Gate



Retrofit Exit Gate



Retrofit Forklift Channel



Retrofit Castor Kit

- › Retrofit Side-Entry Gate fits in place of standard guardrails and provide walk-through access off side of platform.
- › Retrofit Dual Exit Gates Allows walk-through access off both sides of the platform.
- › Retrofit Forklift Channels bolts on to the base of the platform.
- › Retrofit - 125mm Castor Kit: Contains a set of 4 bolt-on locking & swivelling castors, replacing the existing two wheels on the platforms frame.



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01 Stocked Solutions
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
210373	Retrofit Wind Down Jack Set		
210293	Retrofit 0.8mL Forklift Channel Set of 2		
210294	Retrofit 1.0mL Forklift Channel Set of 2		



- › Allows you to get right up against your work area without reaching out from the platform.
- › Built tough with 82 x 50mm marine grade aluminium RHS - no C channel!
- › Available with Edge Protection Wings and Batwing Gates.
- › Towable option available for use on the flightline.

225kg
WLL

Complies with
AS 1657 : 2018

Optional 45°
Stair Access



01 Stocked Solutions
Super Service Stand

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



- › Large 800 x 800mm Platform Size, maximising the work area for the user.
- › Heavy-duty design for longevity in a line maintenance environment.
- › Available in a variety of heights for a wide variety of uses on aircraft.
- › Quick-release handrail kits, for speed and ease of use around different aircraft profiles.

225kg
WLL

Complies with
AS 1657 : 2018



01 Stocked Solutions
EasyRaise

Code	Platform Height	Platform Size
210371	1.2 - 2.4M 4 Step	1000 x 1000MM
210370	1.4 - 2.8M 5 Step	1000 x 1000MM
210372	1.9 - 3.8M 7 Step	1000 x 1000MM
210103	EasyRaise Retro-Fit Forklift Channel Set of 2	
210102	EasyRaise Upgrade Set	

Custom sizes also available - please enquire

- › Height adjustable platform with manual winch.
- › Incrementally adjustable through a range of platform heights.
- › Compact & mobile for easy deployment.
- › Cantilever length increases as platform is raised.
- › Much safer and results in lower risk of damage to aircraft than using an EWP in the hangar.

225kg
WLL

Complies with
AS 1657 : 2018



EASYRAISE - 4 Step
NSN: 1730-66-168-4380



01 Stocked Solutions
EasyRaise

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



Height Access Solutions
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01 Stocked Solutions

BridgeDeck

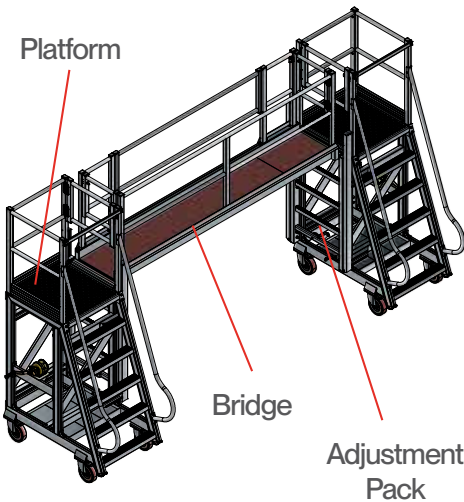
Code	Description
210465	BridgeDeck 6 Step Base Platform (LH Access)
210466	BridgeDeck 6 Step Base Platform (RH Access)
210467	BridgeDeck 9 Step Base Platform (LH Access)
210468	BridgeDeck 9 Step Base Platform (RH Access)
210469	BridgeDeck - Adjustment Pack (to suit 6/9 step)
210470	BridgeDeck - Adjustment Pack (to suit 9 step)
210471	BridgeDeck Bridge 2.5mL Bridge
210472	BridgeDeck Bridge 3.0mL Bridge
210473	BridgeDeck Bridge 4.2mL Bridge

Complies with AS 1657 : 2018	Custom Configurations & Sizes also Available
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- › Perfect for bridging access over plant and equipment.
- › Can be used without bridge as maintenance platforms, or with bridge as a complete system.
- › 900mm of height adjustment for many different applications.
- › 1200mm height adjustable packs also available.
- › Easily height adjustable using hand winch.
- › Can bridge off side or end of base units.
- › Pneumatic wheels available for rough terrain.



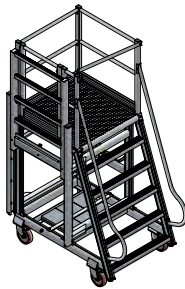
Scan Code
to View Video



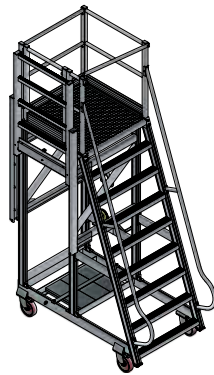
01 Stocked Solutions

Customise your BridgeDeck

Step 1: Choose Your Platform



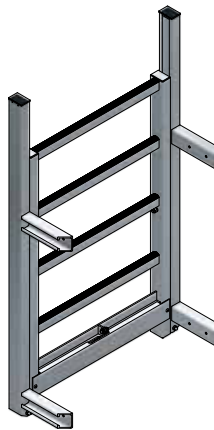
BridgeDeck 6 Step
Base Platform



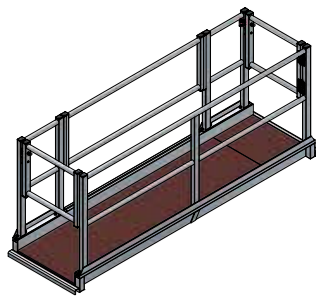
BridgeDeck 9 Step
Base Platform

Step 2: Choose Your Height Adjustment Pack

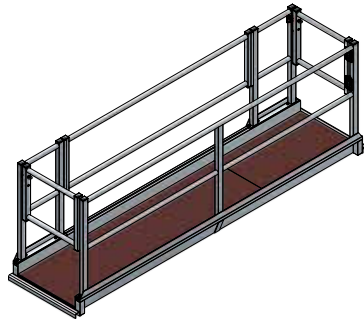
900mm height adjustment packs can be used on both the 6 and 9 step BridgeDeck platforms, 1200mm packs can be used with the 9 step platforms only.



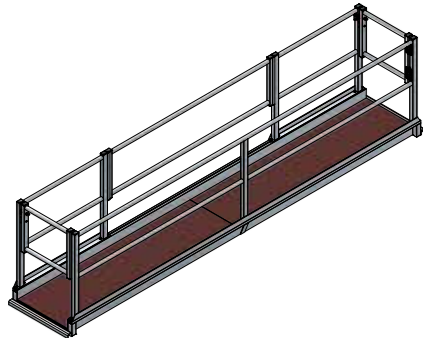
Step 3: Choose Your Bridge Length



2.5m x 0.71m Bridge



3.0m x 0.71m Bridge



4.2m x 0.71m Bridge



01 Stocked Solutions

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 w removable Guardrail, Midrail & Toeboard (ea side)

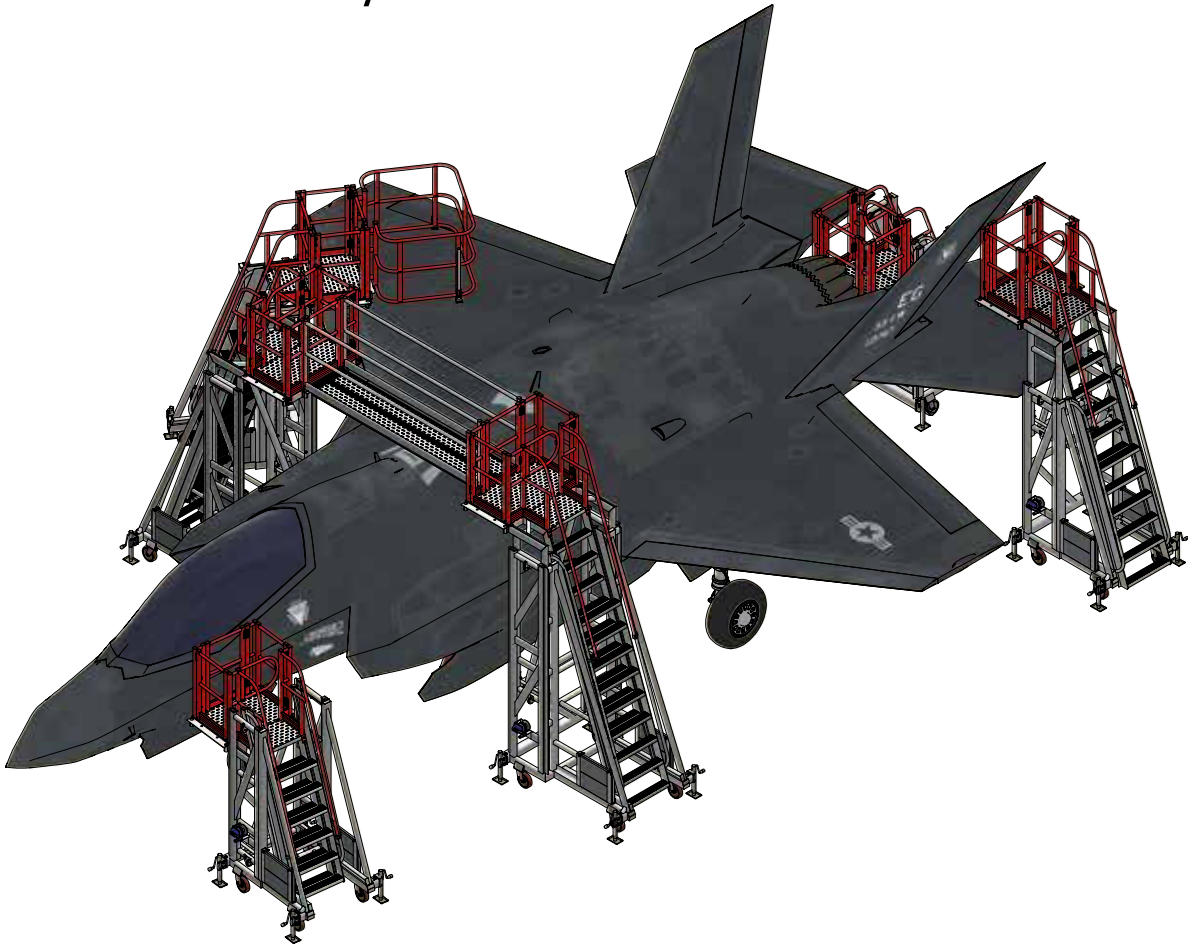
- › Platform height and bridge lengths are customisable.
- › Massive height adjustment range!
- › Compact and mobile for easy deployment and use in tight workshops.
- › 700mm clear cantilever regardless of the height it is set at.
- › Height adjustable platform with a manual winch.
- › 3 access directions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



01 Stocked Solutions

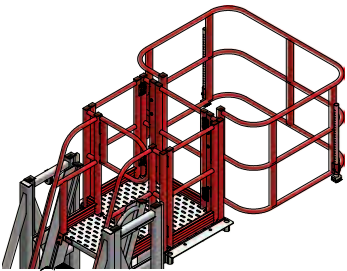
UltraRaise

Accessories & Gallery

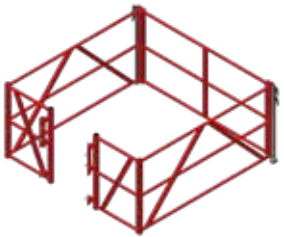


210375
7 Step UltraRaise

210376
10 Step UltraRaise



210378
Small Loop Guardrail Frame



210377
Large Loop Guardrail Frame



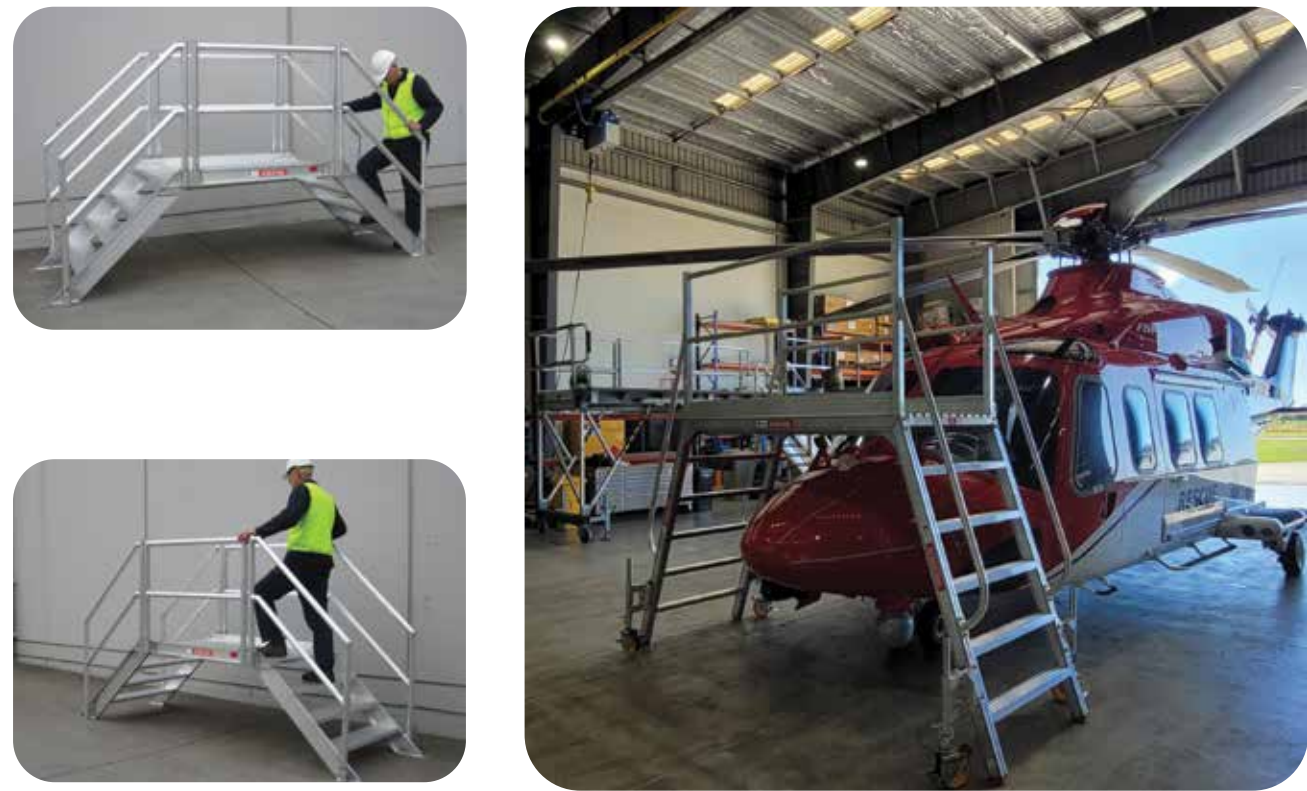
01 Stocked Solutions
Modular StepOver

- > Non-corrosive aluminium - suitable for caustic environments.
- > Bridge safely over conveyors and machinery.
- > Any custom size and length available.

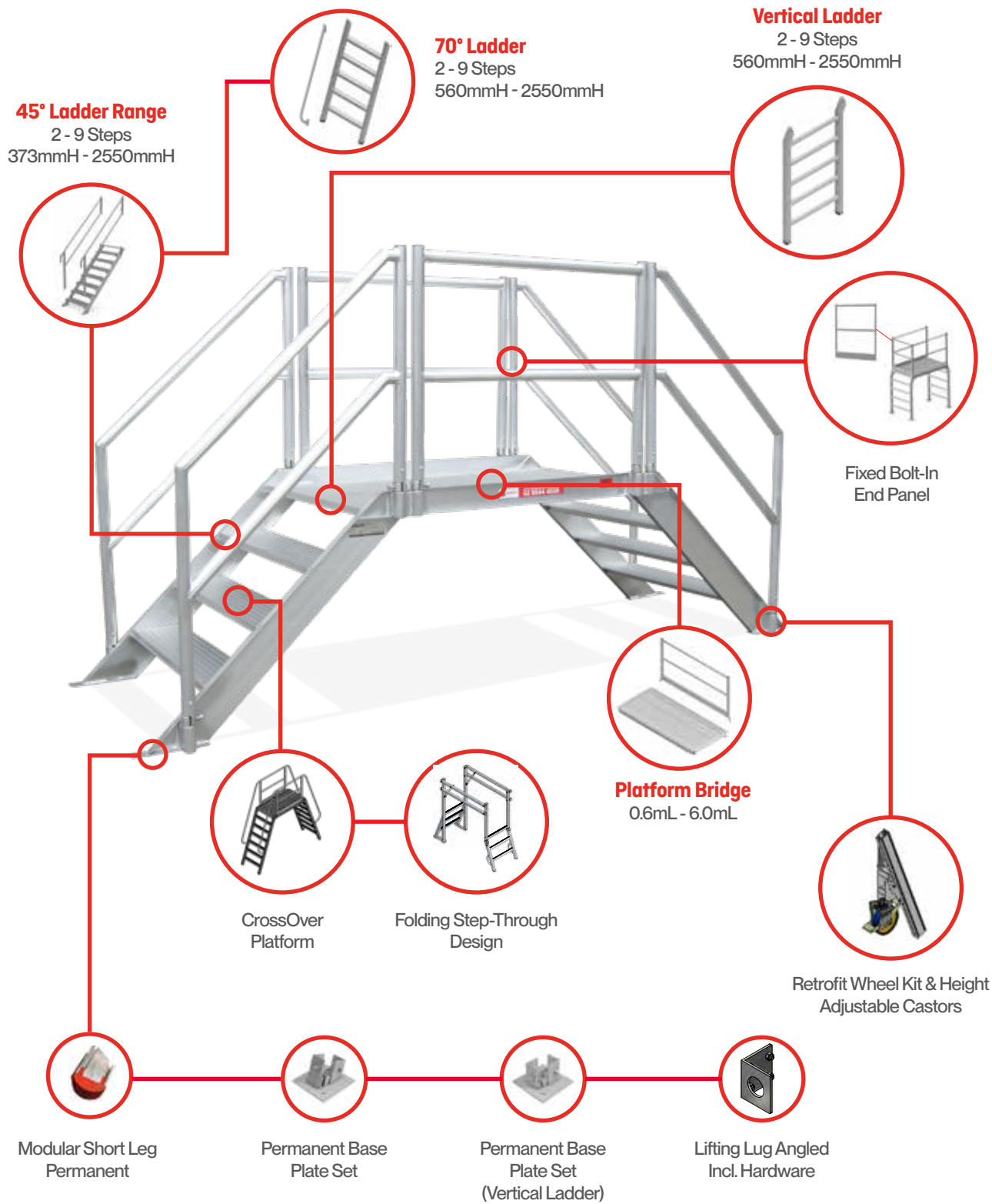
225kg
WLL

Complies with
AS 1657 : 2018

5 Year
Warranty



01 Stocked Solutions
Configure Your
Modular StepOver



01 Stocked Solutions

ReachDeck

Code	Description
210371	ReachDeck - 9 Step (2.0mH - 3.15mH)
210370	ReachDeck - 15 Step (3.375mH - 5.4mH)
210372	ReachDeck Platform Only (Small) 0.9mL x 1.05mW
210372	ReachDeck Platform Only (Large) 1.0mL x 2.5mW - Standard Guardrail Frames
210372	ReachDeck Platform Only (XL) 1.4mL x 3.0mW - Aviation Guardrail Frames
210372	SafeWrap Towbar
210372	ReachDeck Retrofit Loop Guardrail Frame (1.2mD x 1.5mW)
210372	ReachDeck Retrofit Loop Guardrail Frame (2.0mD x 2.0mW)
210372	ReachDeck Bridge 3.0mL x 0.6mW with removable Guardrail, Midrail & Toeboard

- Adjusts in height from 2.0 up to 5.4mH via a manual winch (hydraulic or pneumatic adjustment options also available).
- Crane of air - liftable, for ease of transport offshore (Crane lifting plan included).
- Platform options include fall restraint points, for user safety when stepping out onto larger vehicles.

500kg
WLL

Complies with
AS 1657 : 2018



211102
ReachDeck Platform (Small)
0.91mL - 1.05mW



211103
ReachDeck Platform (Large)
1.0mL - 2.5mW with Standard
Guardrail Frames



211104
ReachDeck Platform (XL)
1.4mL - 3.0mW with Aviation
Guardrail Frames

01 Stocked Solutions

ReachDeck



01 Stocked Solutions

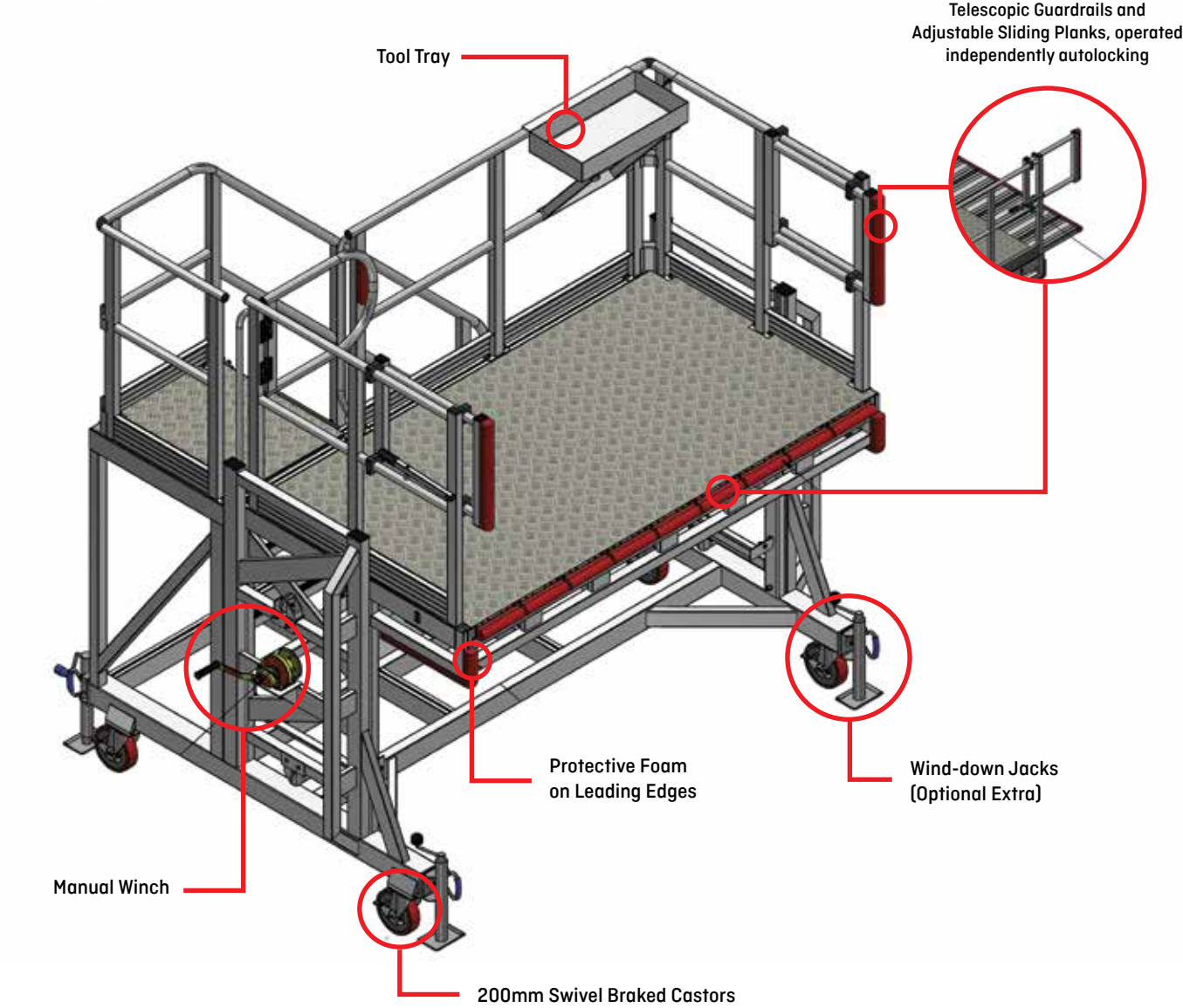
RotoReach

Code	Description
210986	RotoReach Platform (1.6mH - 2.2mH)

- › Designed for safe and efficient access to the main rotor and engine areas.
- › The ultimate work platform when it comes to versatility for all tasks on varying aircraft.
- › Height adjustable to allow access at a range of heights.
- › Auto-locking slider system allows the leading edge profile to be contoured according to whichever aircraft and specific access tasks.
- › Telescopic guardrails eliminate gaps and reduces the risk of falls from height.



Universal Platform
Can be used with a Broad Range of Rotary Aircraft.



01 Stocked Solutions

RotoReach

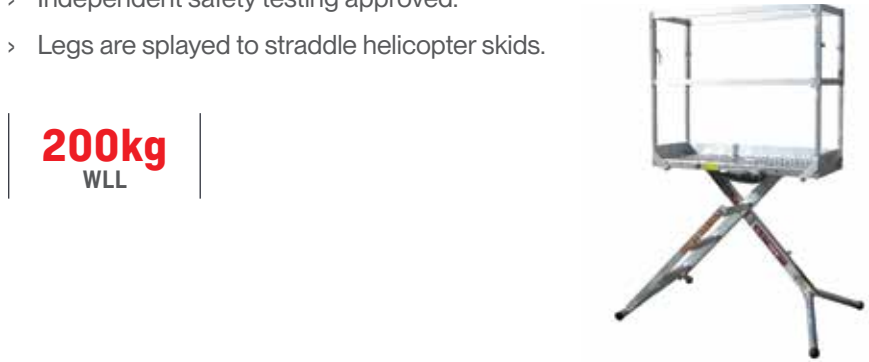


01 Stocked Solutions

Super Trestle

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

- › 450mm deck width.
- › Folds down flat for easy transport & storage.
- › Independent safety testing approved.
- › Legs are splayed to straddle helicopter skids.



Section 02

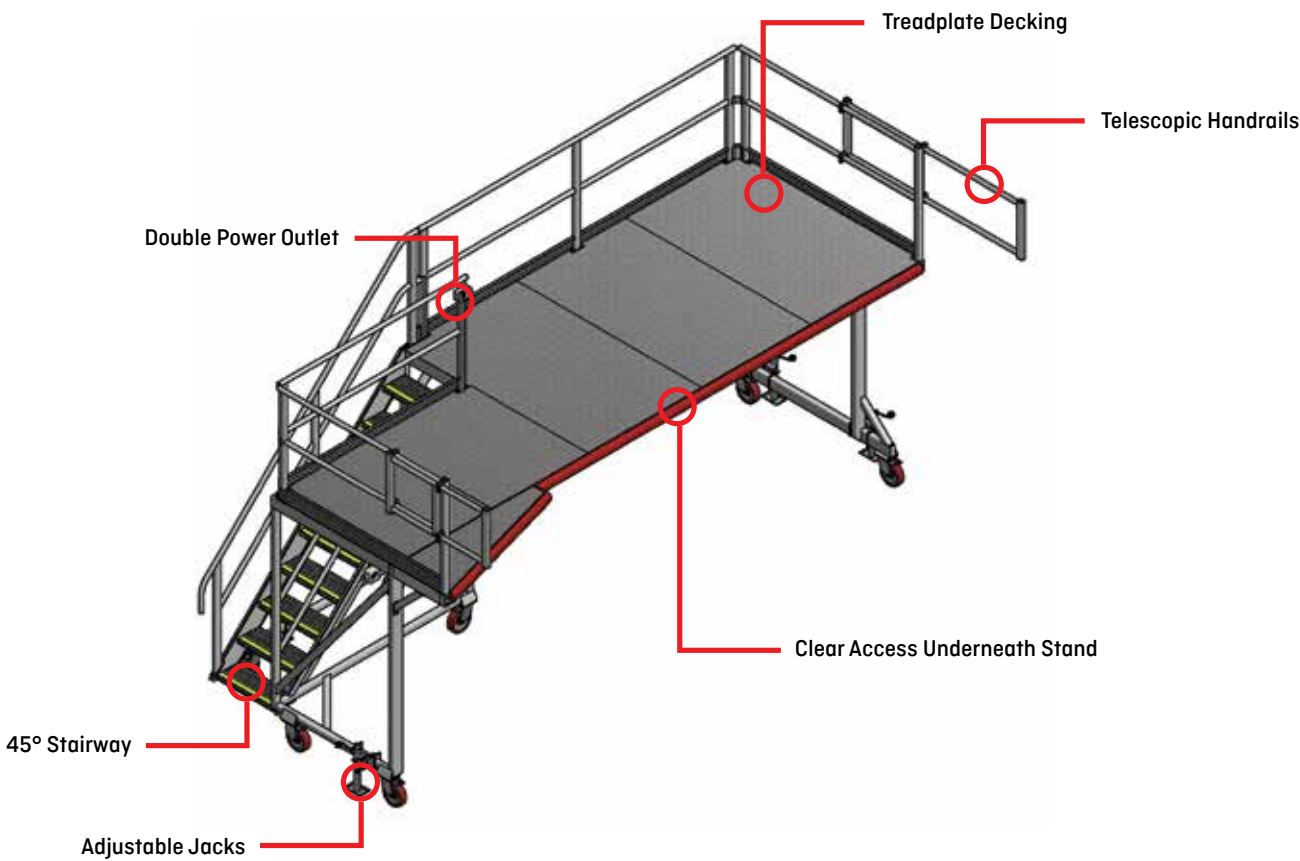
Rotary Solutions

Leonardo AW139	30	MBB/Kawasaki BK117	106
Leonardo AW169	48	Kaman Seasprite SH-26	110
Leonardo AW189	56	NHIIndustries NH90	112
Airbus H125	58	Robinson R22/R44	114
Airbus H130	60	Sikorsky Black Hawk	116
Airbus H135	64	General Purpose	118
Airbus H145	70		
Airbus H160	80		
Airbus H175	84		
Bell Helicopter Bell 206	88		
Bell Helicopter Bell 212	92		
Bell Helicopter Bell 412	94		
Bell Helicopter Bell 429	98		

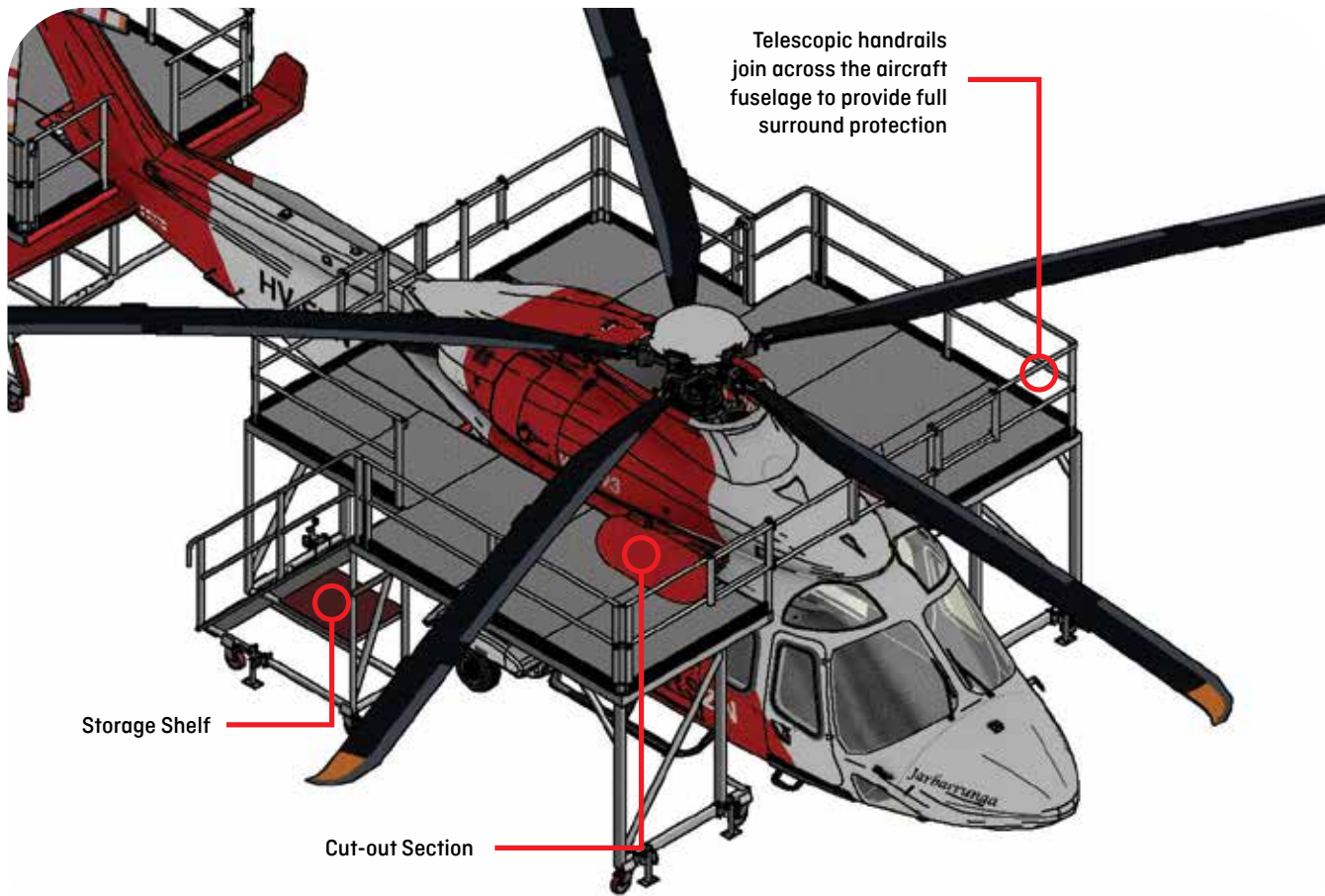


Side Access Platform - Wide Version

- › Available with lighting under stand, also available with power and air points.
- › Wider frame for additional engineers and tooling as required.
- › Extendable guardrails slide out over fuselage, to provide full surround edge protection when working on the aircraft.
- › Ideal for heavy maintenance, where extra room is required, Note the inclusion of Power & Air points (this is available on any work stand we provide).



Side Access Platform - Wide Version

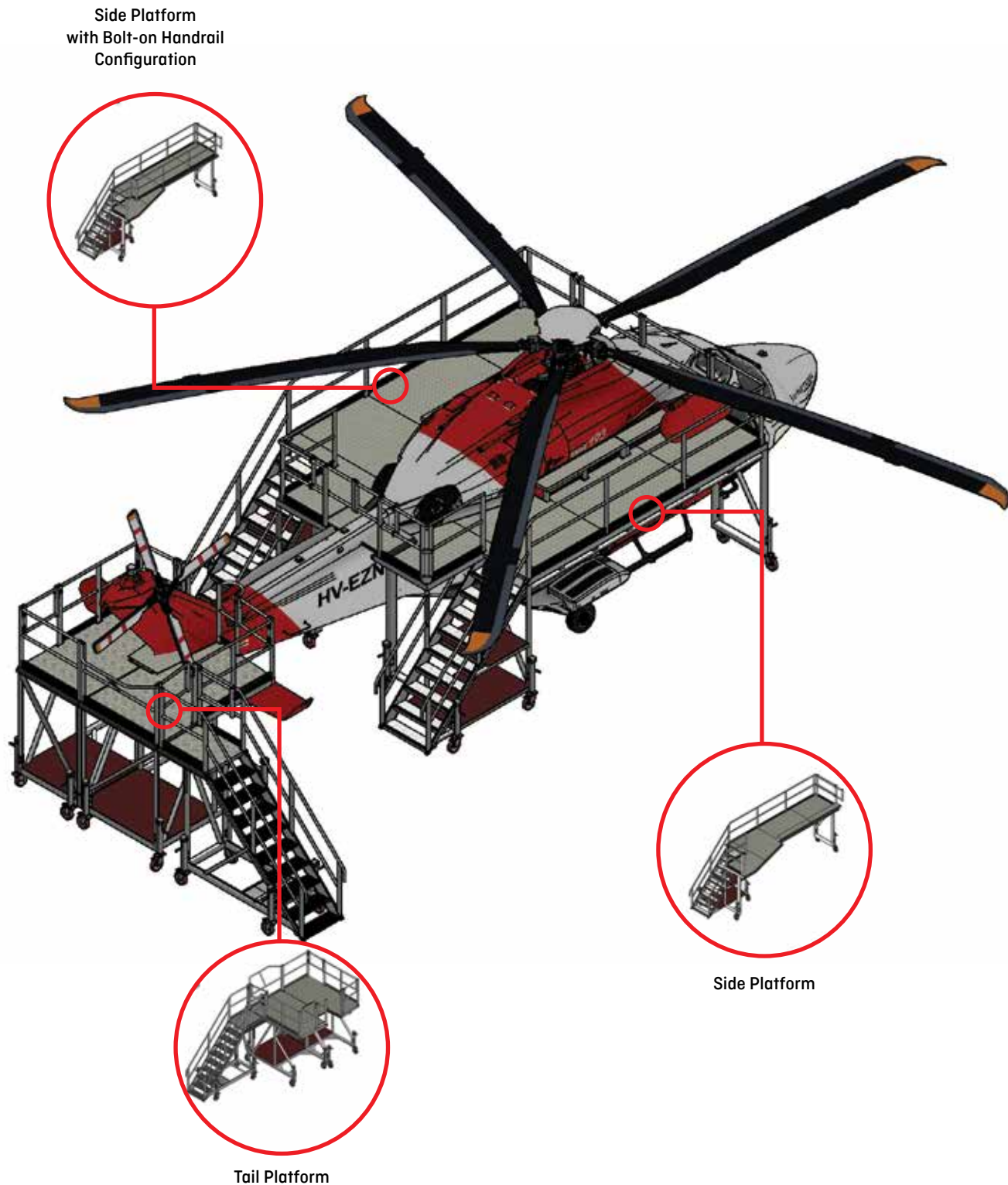


Stands shown with Lighting Option

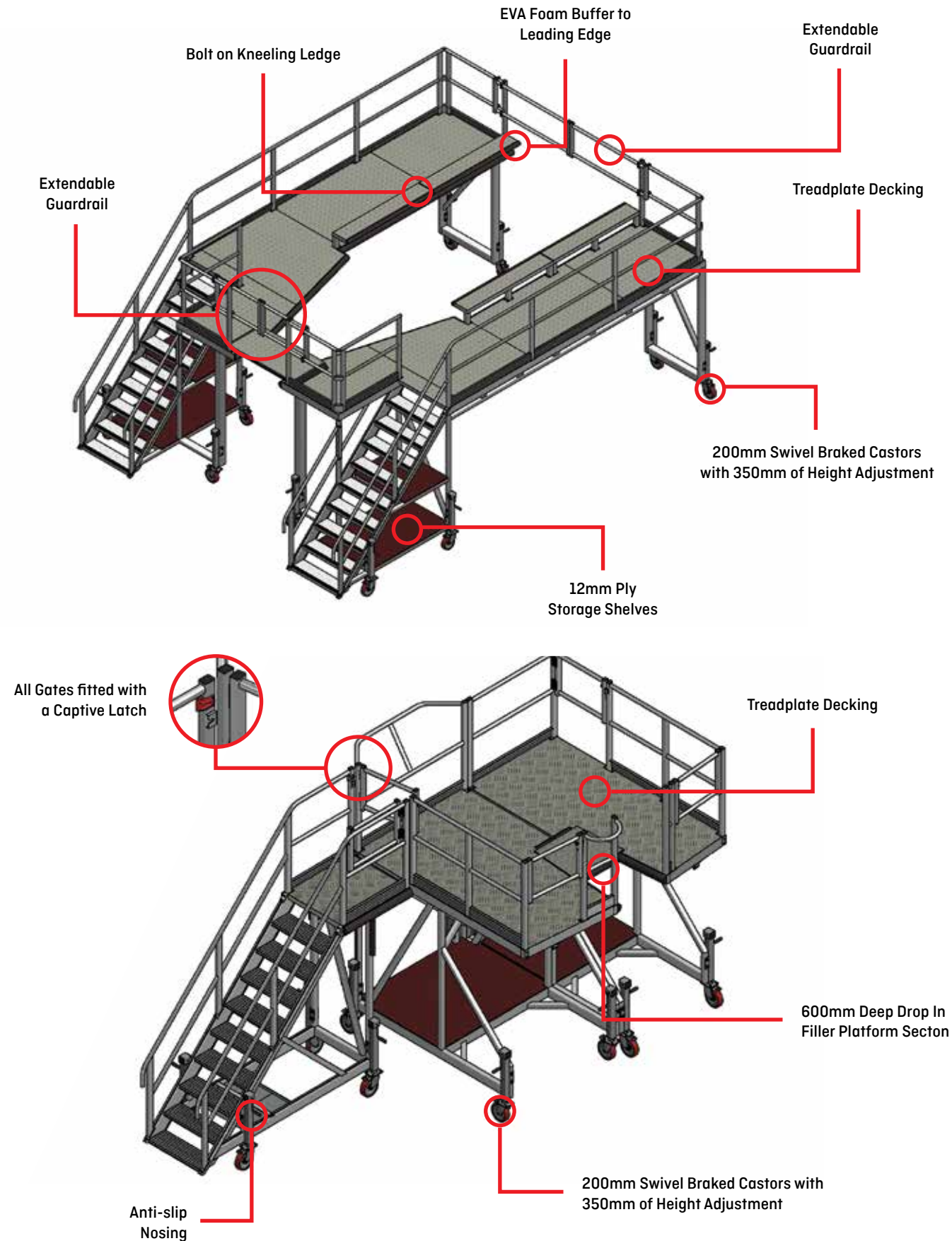


Full Surround Platform System

- › Sliding guardrails and interconnecting bridges allow access all around for deeper level checks.
- › Stair access for the Tail Stand can be reconfigured to the left of right stand depending on hangar configuration.
- › Guardrails are configured to allow rotating of the tail rotor during maintenance.

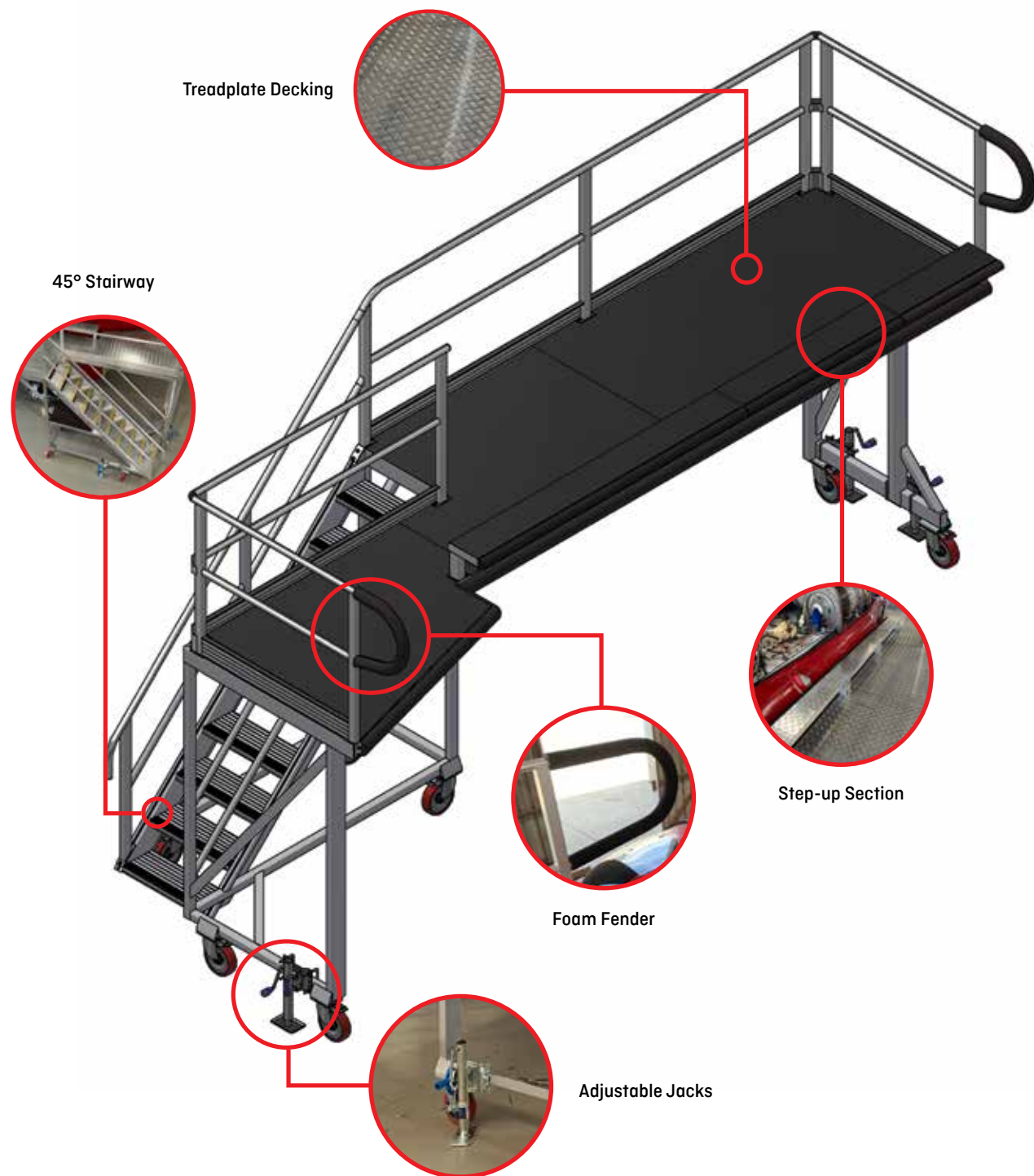


Full Surround Platform System

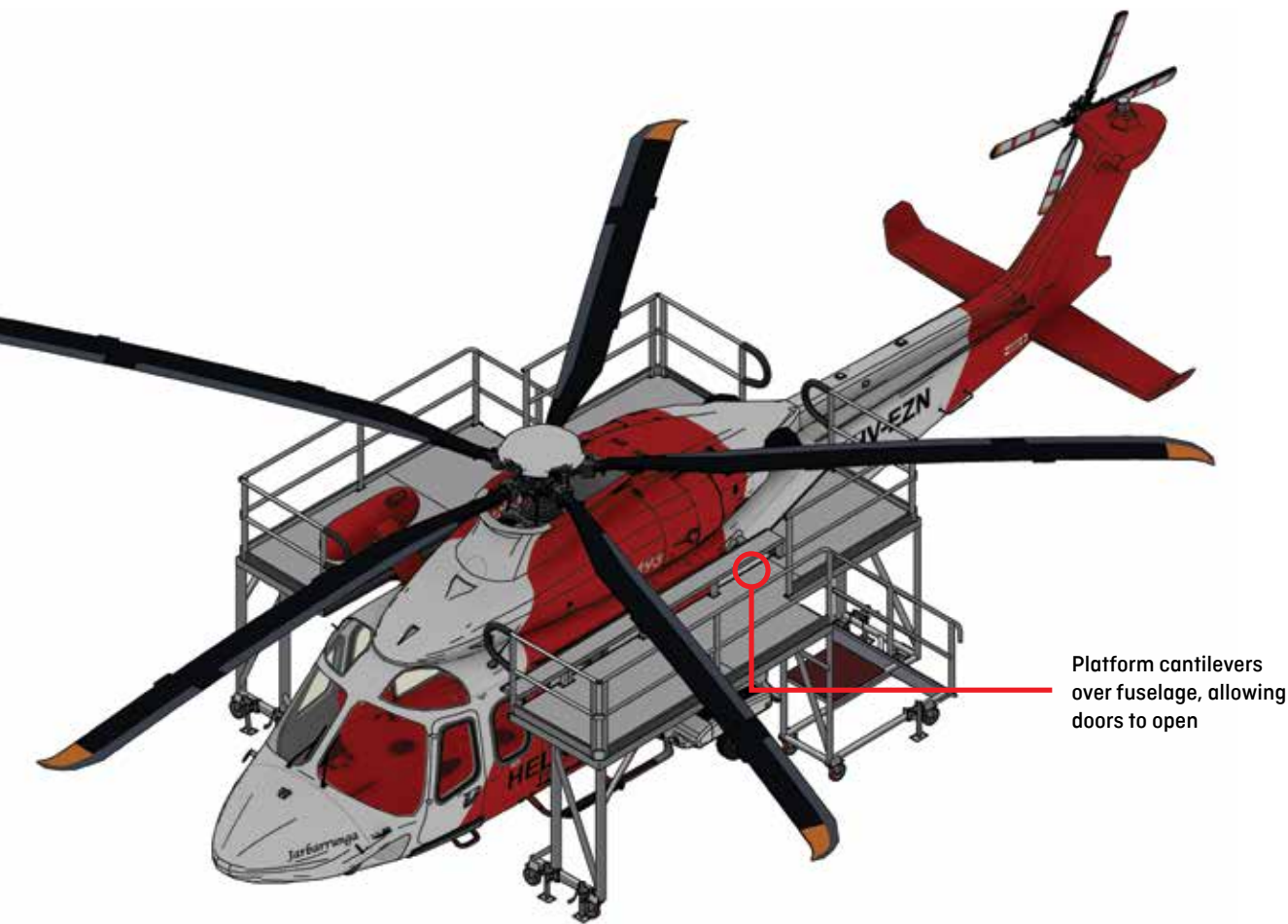


Side Access Platform - Slimline Version

- › These stands are our most popular stand for heavy maintenance on the AW139. They are large enough to provide all required access to the aircraft for heavy maintenance, but still manoeuvrable enough to relocate around small hangars.
- › Small step-up sections cantilevers over the side doors, allowing the doors to be opened whilst the stand is in-situ, and also giving the extra height to access right up and into the engine and main rotor blade area.



Side Access Platform - Slimline Version



Flight Line Stand

- › Ideal for maintenance tasks from line maintenance or up to heavy maintenance, on the main rotor head area.
- › Easily manoeuvrable by one person.
- › Comfortably accommodates up to 4 personnel on the platform.
- › Available with options such as tool trays, power & air fittings.



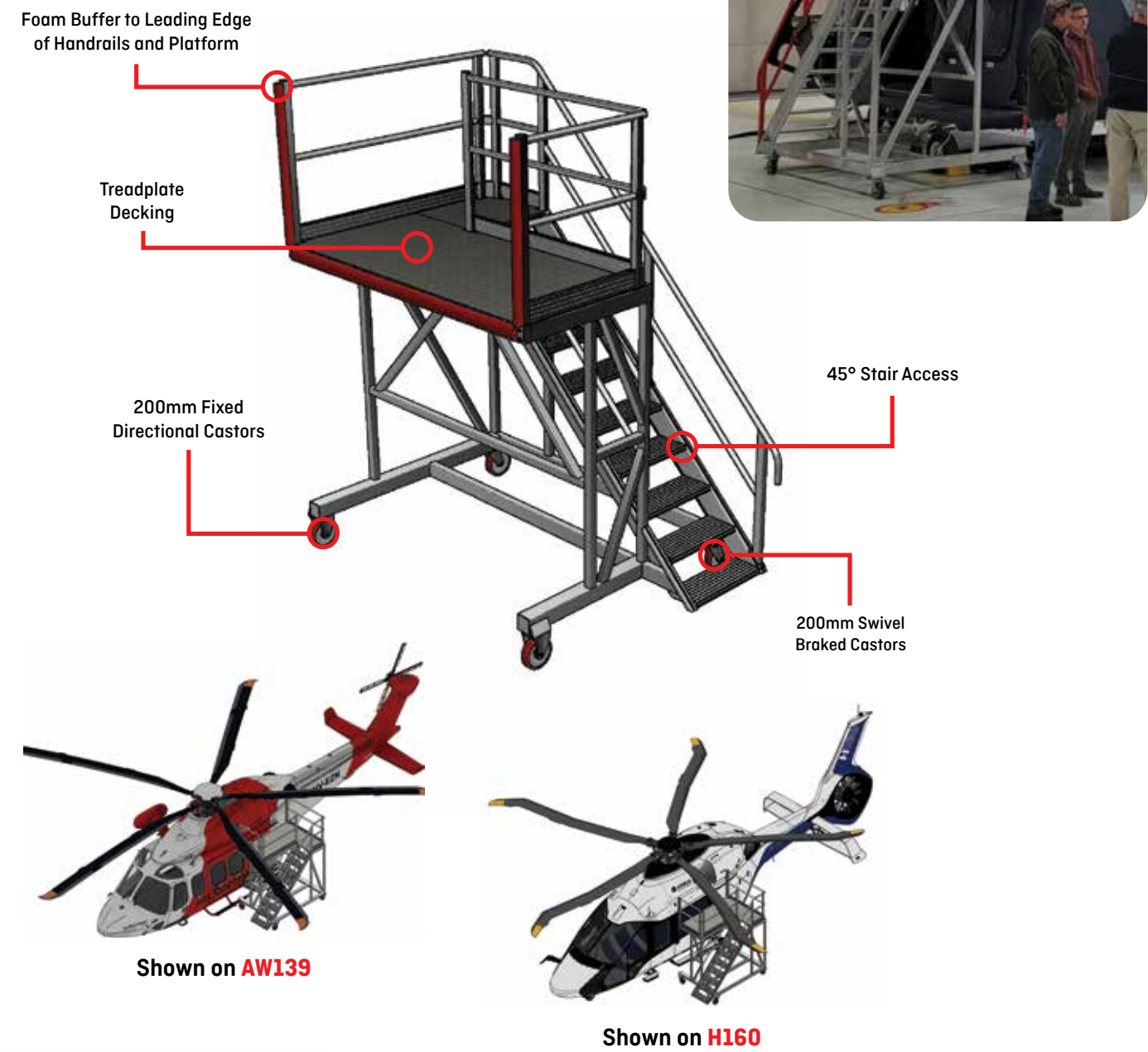
Suits Various Aircraft Types

H125

H145

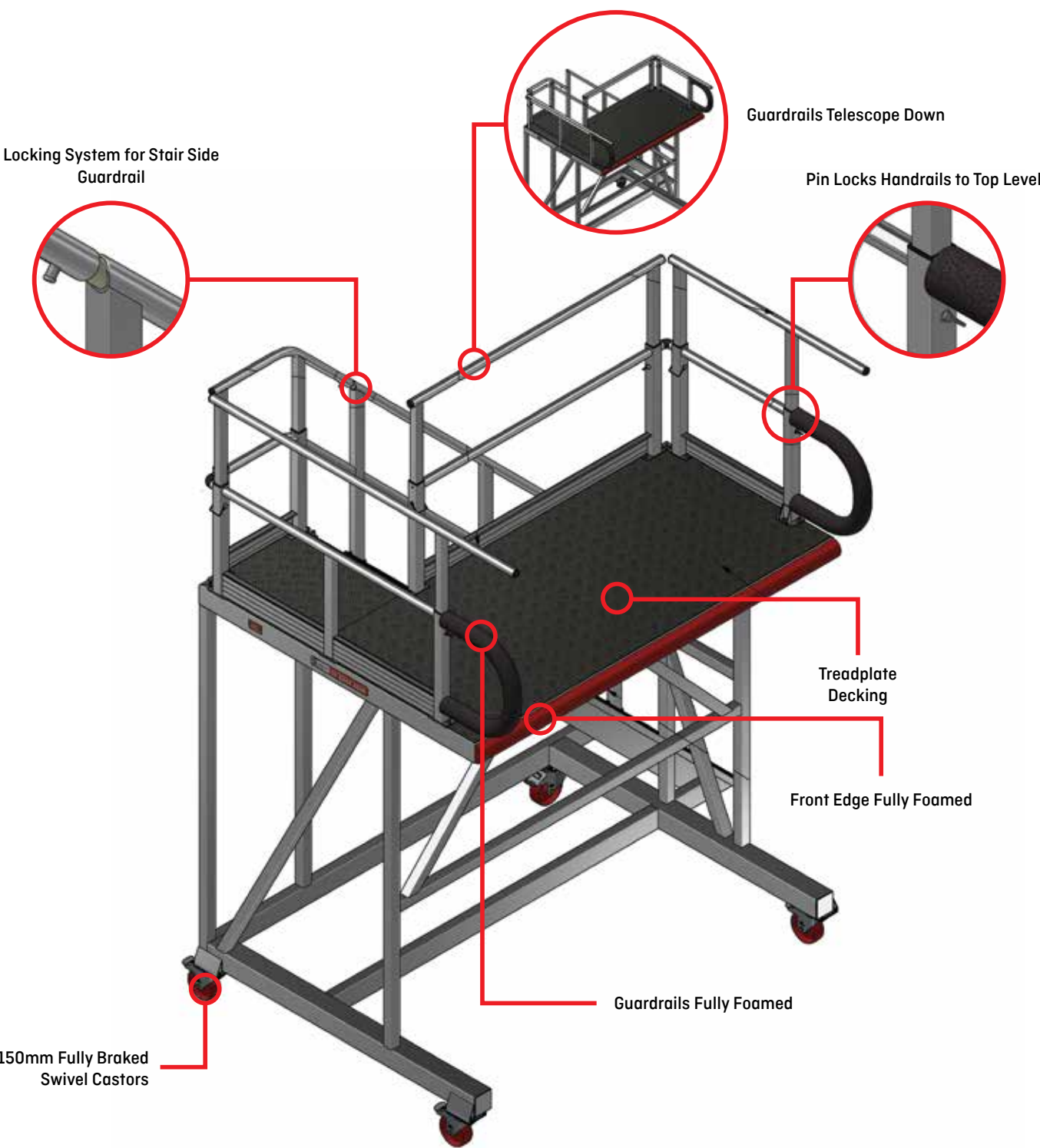
H160

And many more aircraft models. For more information, contact your local SafeSmart Aviation Representative.



Flight Line Stand - Telescopic Guardrails

- › Compact for line maintenance tasks, and storage in space restricted hangars.
- › Telescopic guardrails telescope down to midrail height allowing the stand to be located against the helicopter without clashing with the main rotor blade.
- › Loop handrails project forward closing any fall risk.



Tail Boom/General Access Platform

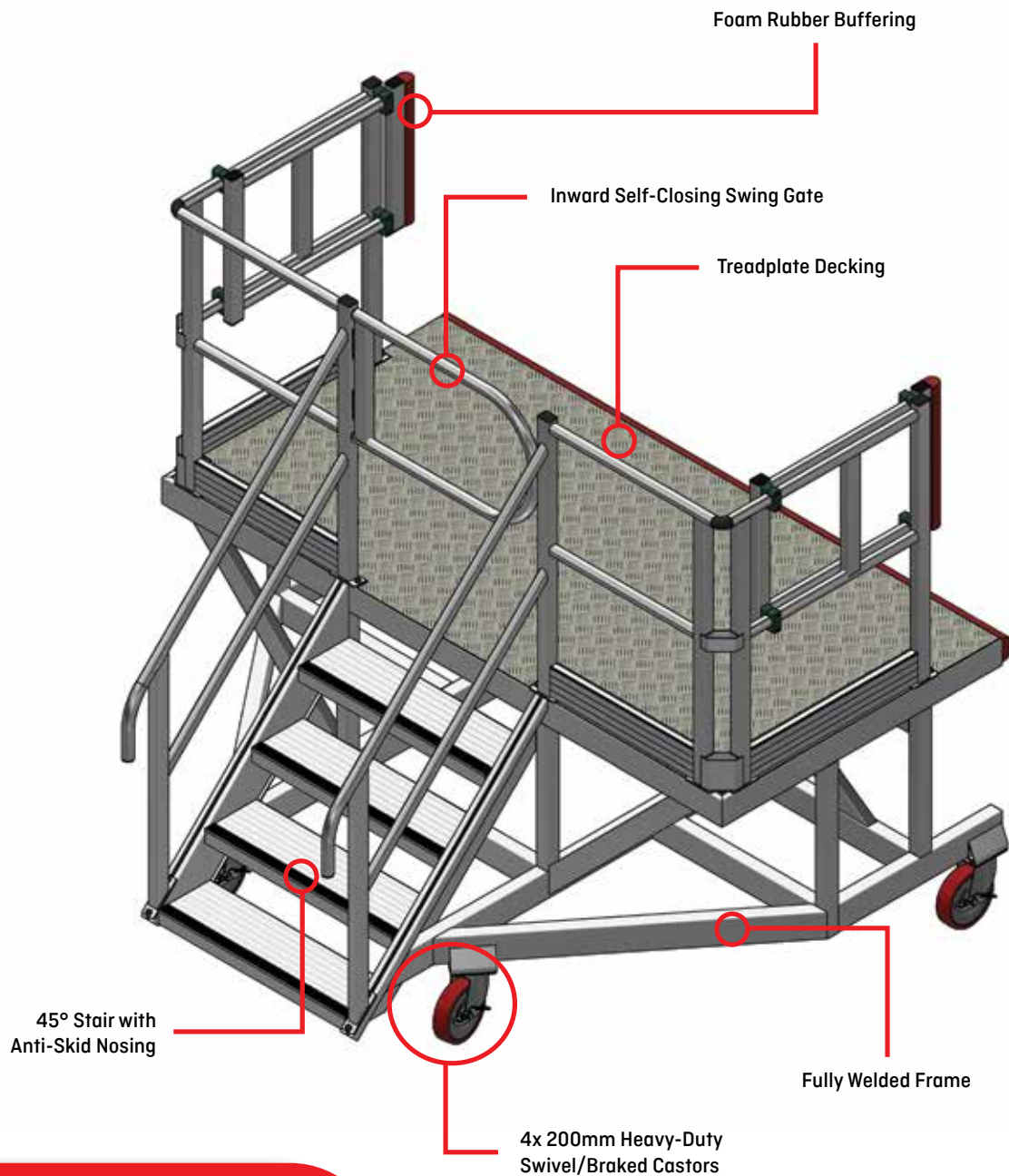
- > Larger platform area provides ease of access to maintenance areas on the tail boom.
- > Telescopic guardrails allow ease of positioning against the helicopter, without clash risk and then close the gaps removing fall risk.
- > Stair access allows the user to carry tools and parts to and from the work space.
- > Can be used in other areas on the Helicopter.



Suits Various Aircraft Types

AW139 | AW169 | H160 | H175

And many more aircraft models. For more information, contact your local SafeSmart Aviation Representative.

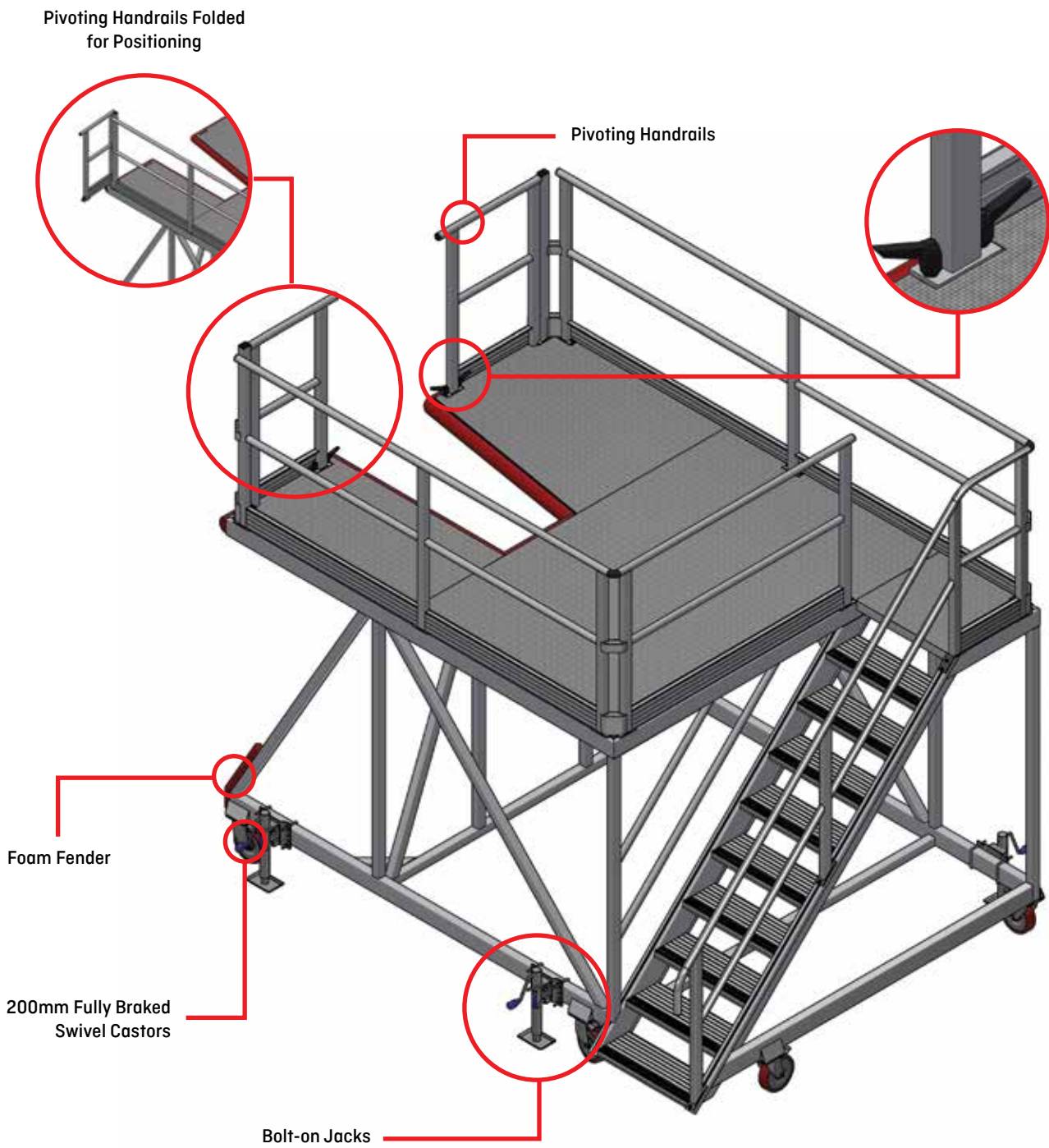


Tail Boom/General Access Platform



Tail Rotor Stand

- › Designed to provide complete access to the tail and tail rotor for routine checks and maintenance.
- › Handrails pivot outwards on the leading edge, to allowing docking against the Helicopter with no clash risk.
- › Stair access allows users to carry necessary tools and parts to and from the platform deck.



Tail Rotor Stand



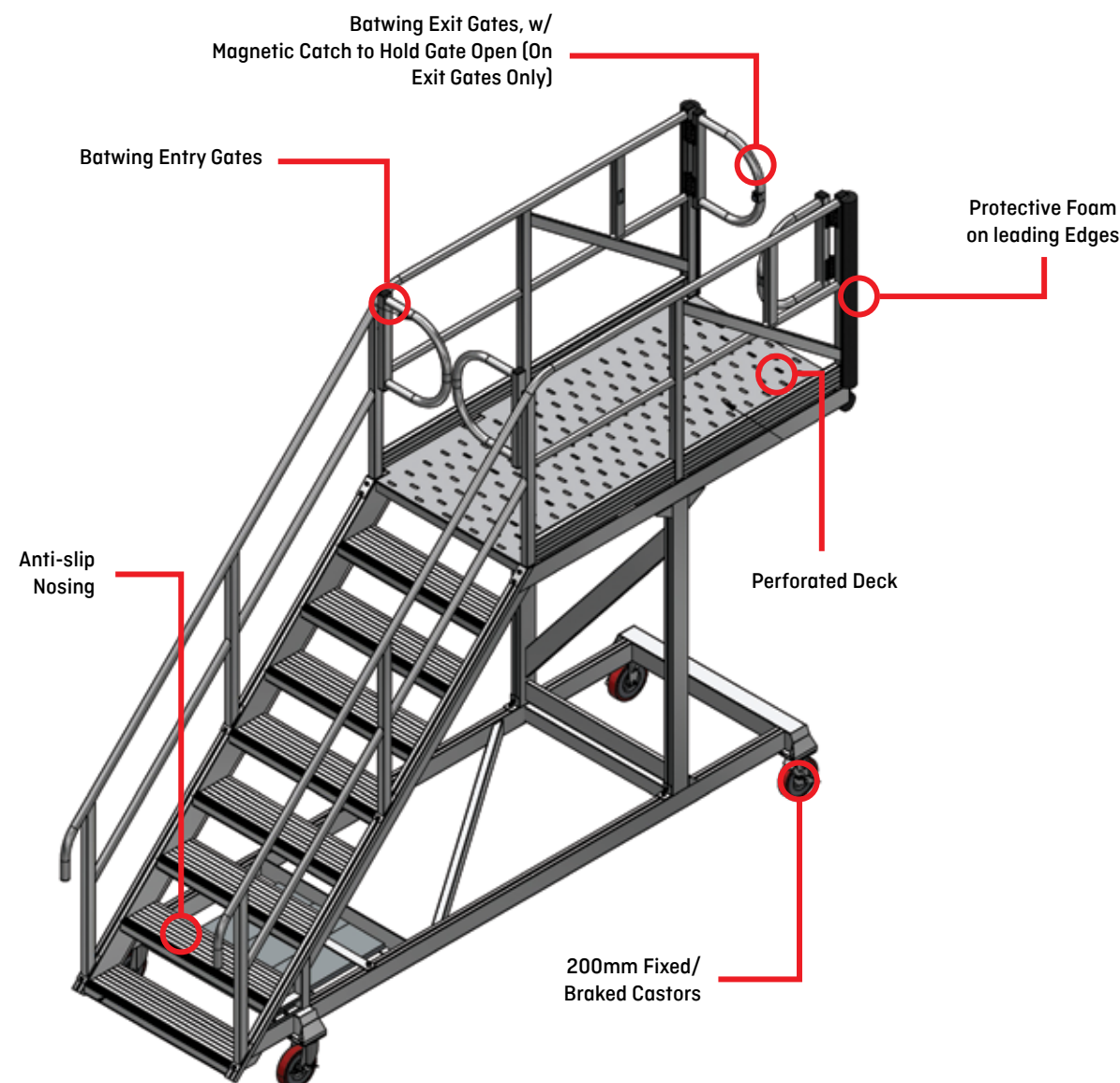
Tail Access Platform - Line Maintenance

- › Mobile on wheels for easy relocation, suitable for line maintenance applications outside of tail access.
- › Stair access allows the use to keep their hands free to carry tools and parts to and from the work area.
- › Magnetic latches on the gates allow them to be held out of the way for unrestricted access to the work area.



Fits Several Aircraft Types See Page 42

And many more aircraft models. For more information, contact your local SafeSmart Aviation Representative.



Tail Access Platform - Line Maintenance

Shown on **AW139**



Shown on **H160**



Shown on **H145**

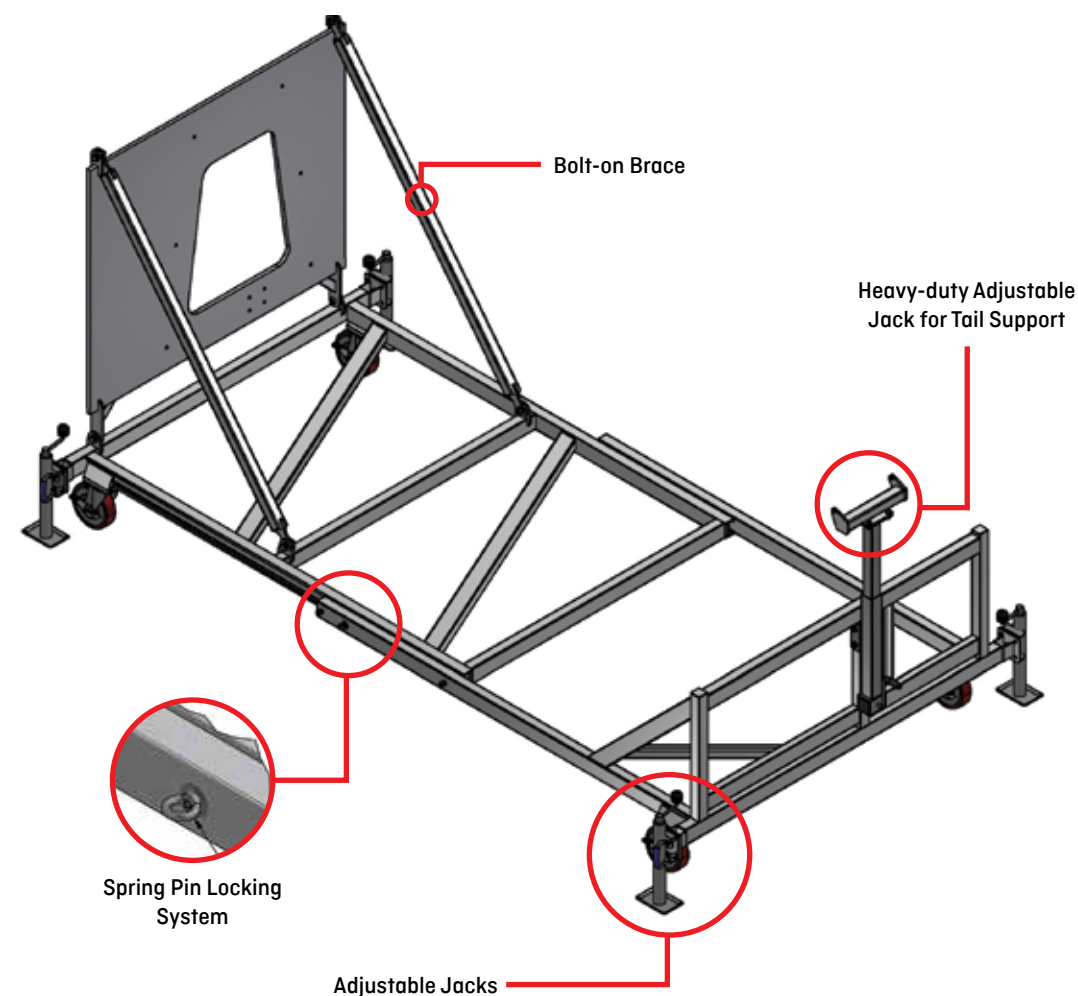


Shown on **H125**



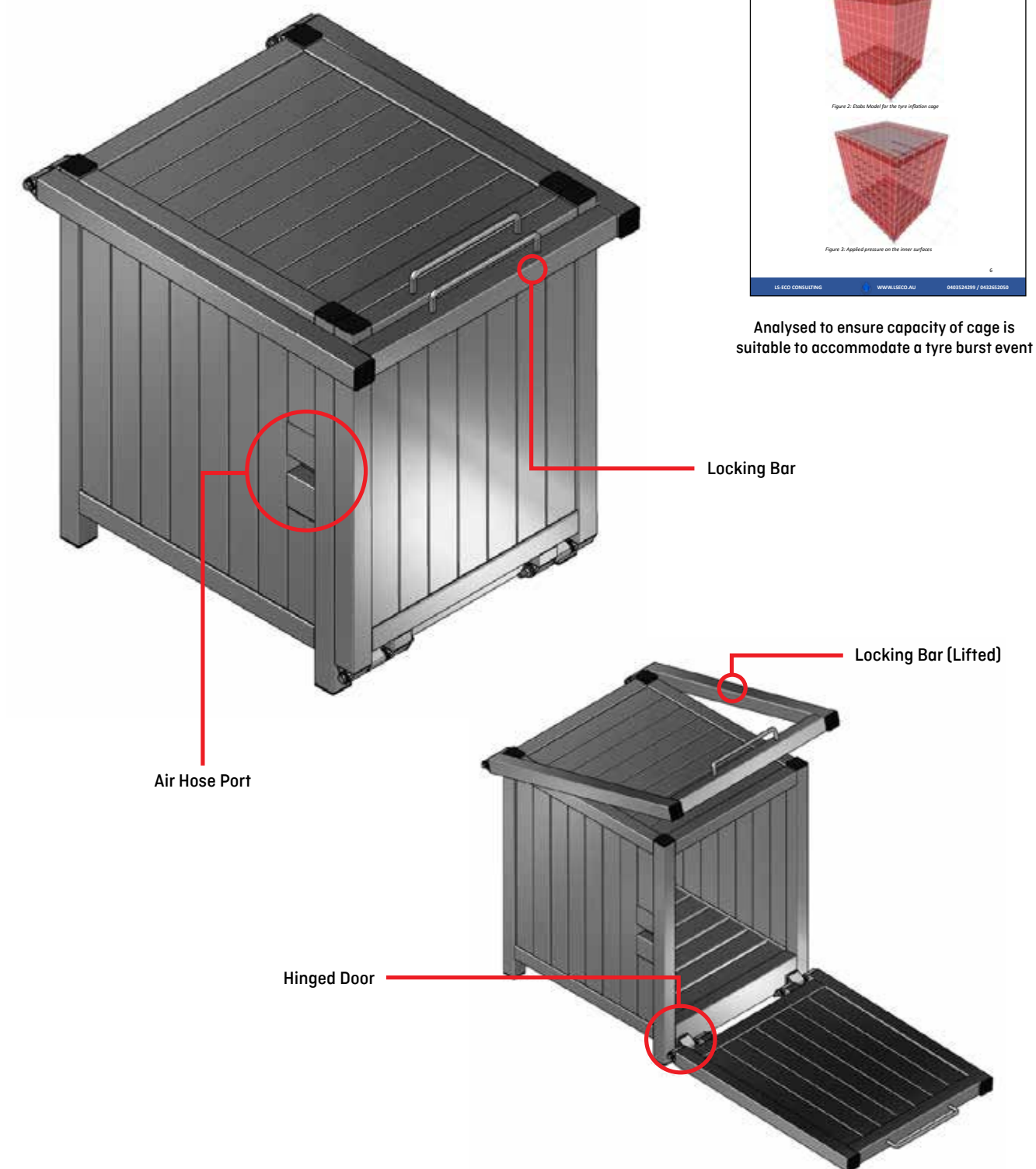
Tail Boom Cradle

- › Supports the AW139 Tail Boom when it is removed from the aircraft.
- › Tail boom is bolted directly to the cradle mount plate.
- › Mount plate is open to allow for users to reach into the inside of the tail boom.
- › Collapsible and telescopic, for ease of transport.



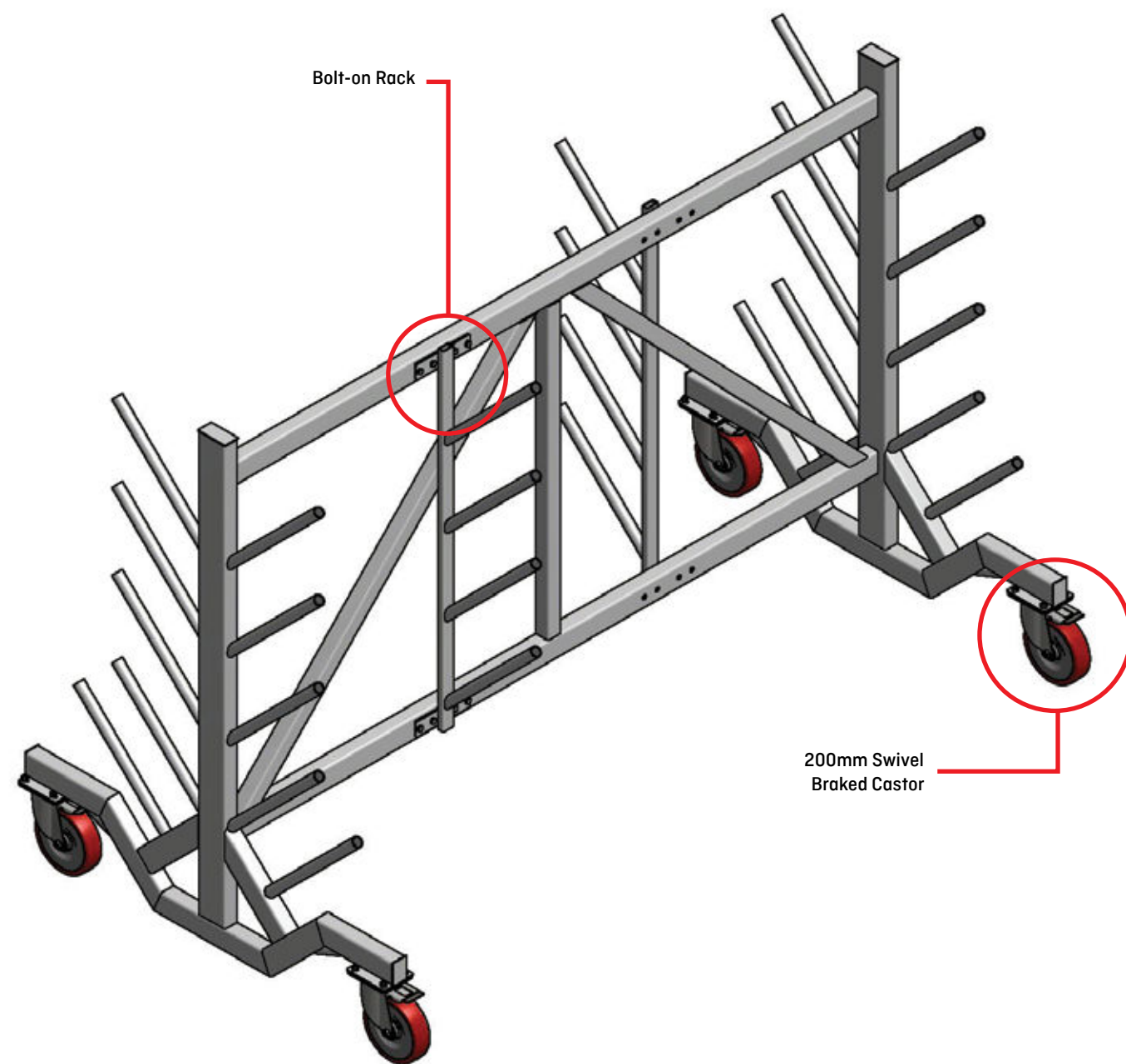
Tyre Inflation Cage

- › Used to house tyres for safety when inflating (in case of bursting).
- › Lift-over door lock for ease of use.



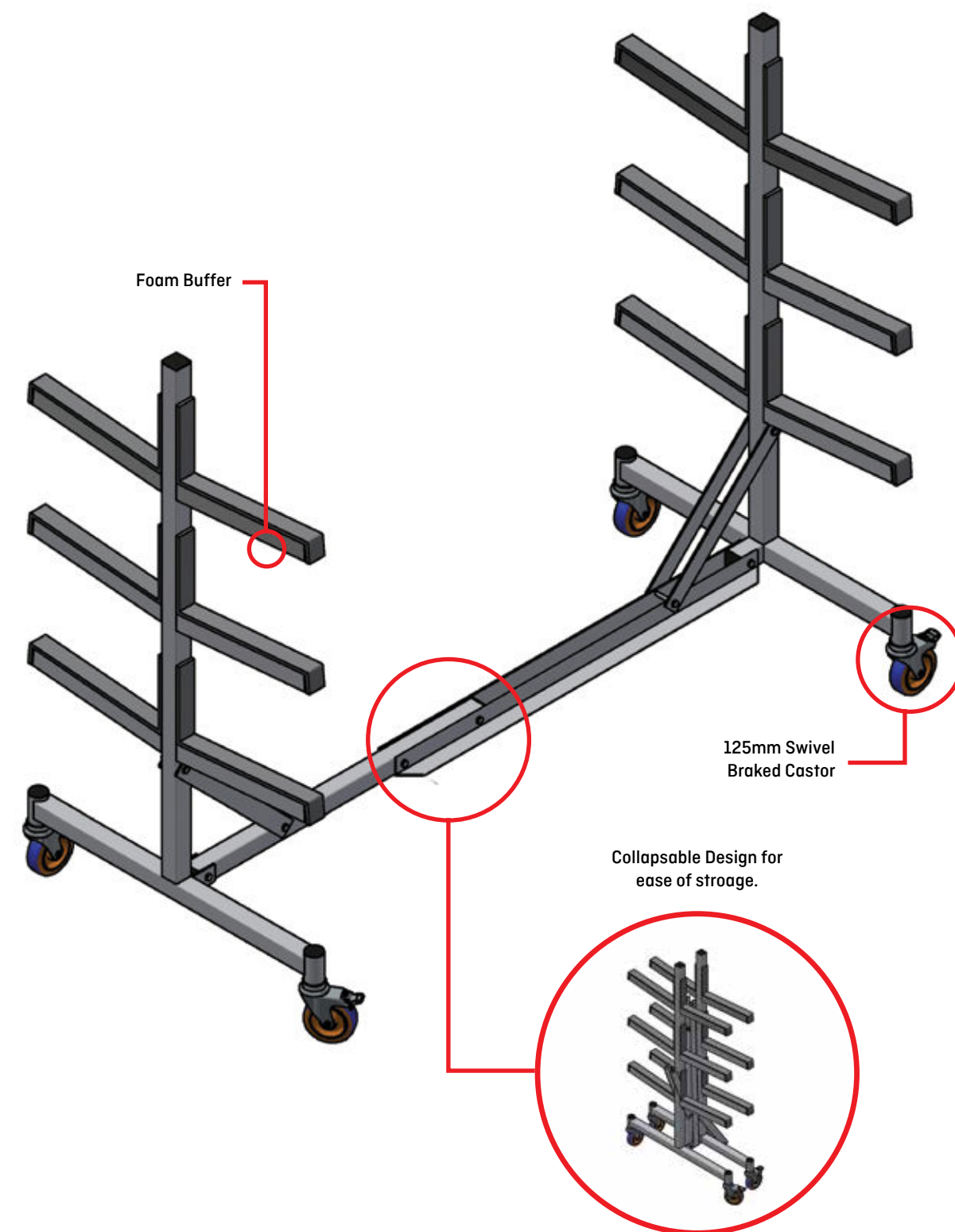
Rotor Blade Stand

- › Provides a mobile storage location, for main rotor stands that is easily transportable as required.
- › Keeps rotor blades off the floor, in a safe protected environment from damage.



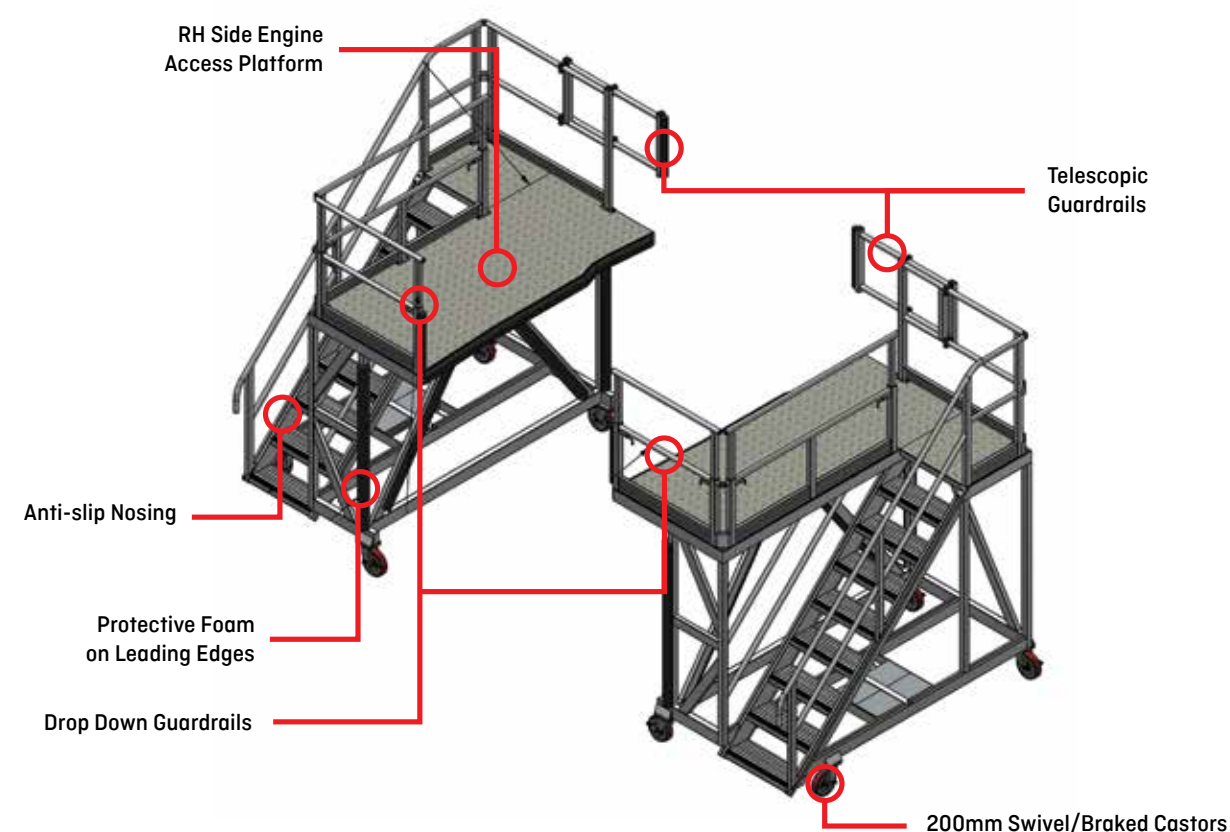
Rotor Blade Stand - Compact

- › Provides a mobile storage location for main rotor stands that is easily transportable as required.
- › Keeps rotor blades off the floor, in a safe protected environment from damage.
- › Folding design allows flat-packing for transport to forward operations, or storage when not in use.

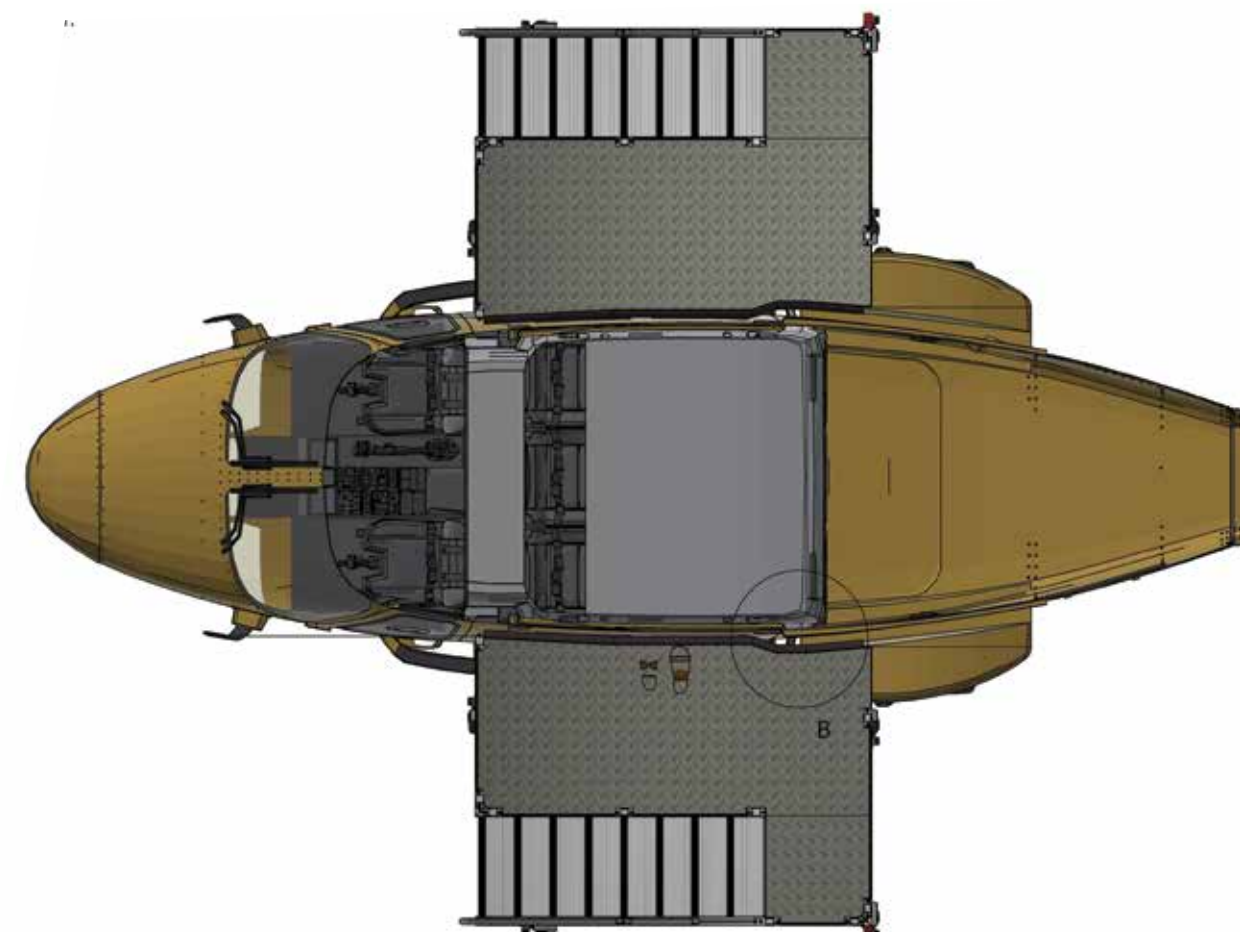


Single Level Side Platform

- › Ideal for line maintenance applications, provides a large work platform for ease of access during inspection and maintenance.
- › Stair access allows the user to carry tools and parts to the work space safely.
- › Telescopic guardrails, slide forward closing any fall risk from the platform and providing a safe enclosed work area.
- › Foam rubber composite buffering is included on the leading edges of the platform protecting the aircraft from damage.
- › Additional items include power outlets, lighting and compressed air outlets.
- › Dual level version is also available - step down section around the engine and exhaust.

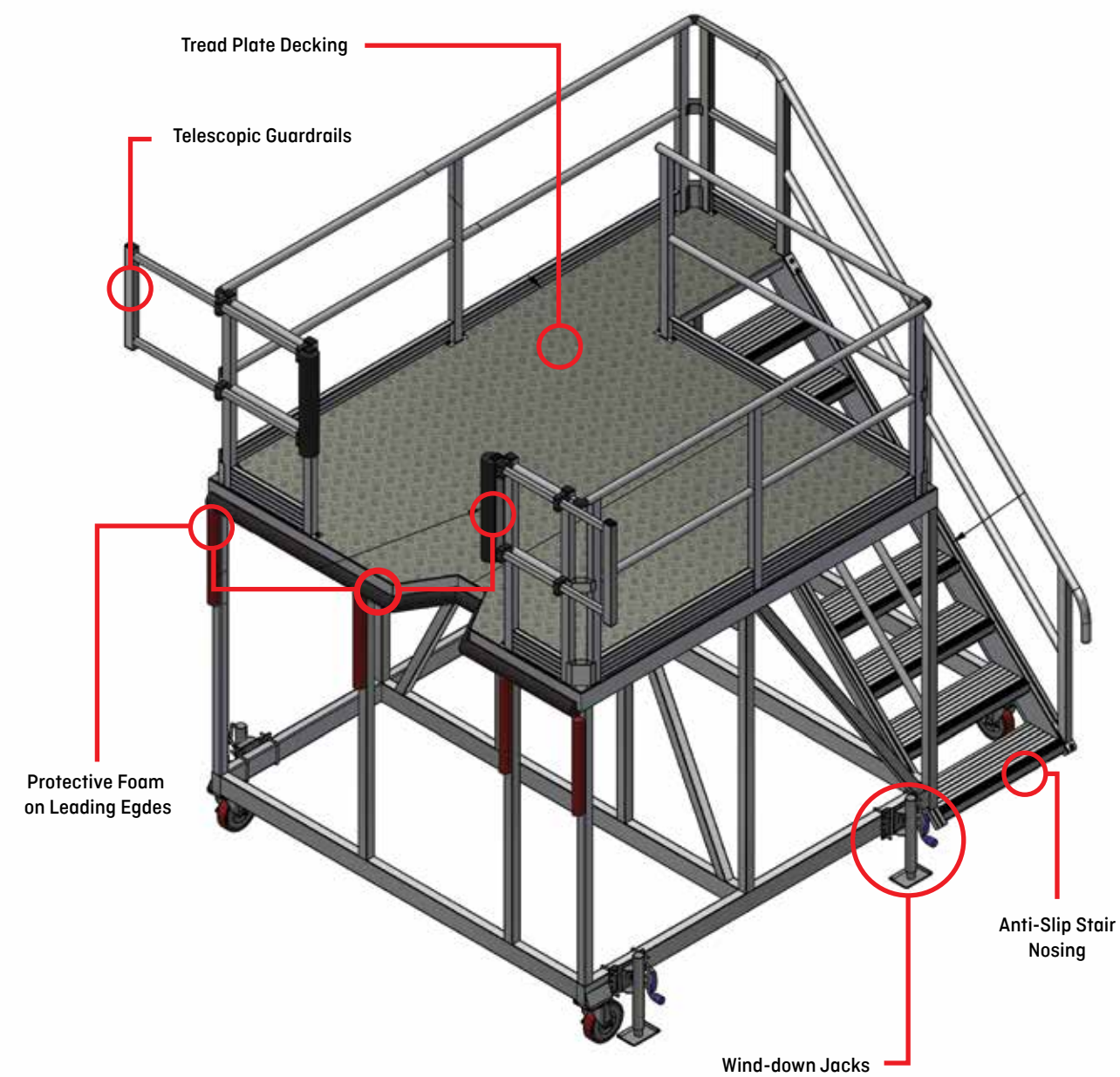


Single Level Side Platform



Tail Access Platform

- › Designed to provide complete access to the tail and tail rotor for routine checks and maintenance.
- › Handrails telescope outward on the leading edge to allow the docking to rest against the helicopter without any risk of collision. They then close any gap to the aircraft, eliminating fall risks.
- › Stair access allows users to carry necessary tools and parts to and from the platform deck.
- › Platform design accommodates the AW169 with the Performance Pack on the horizontal stabilisers.

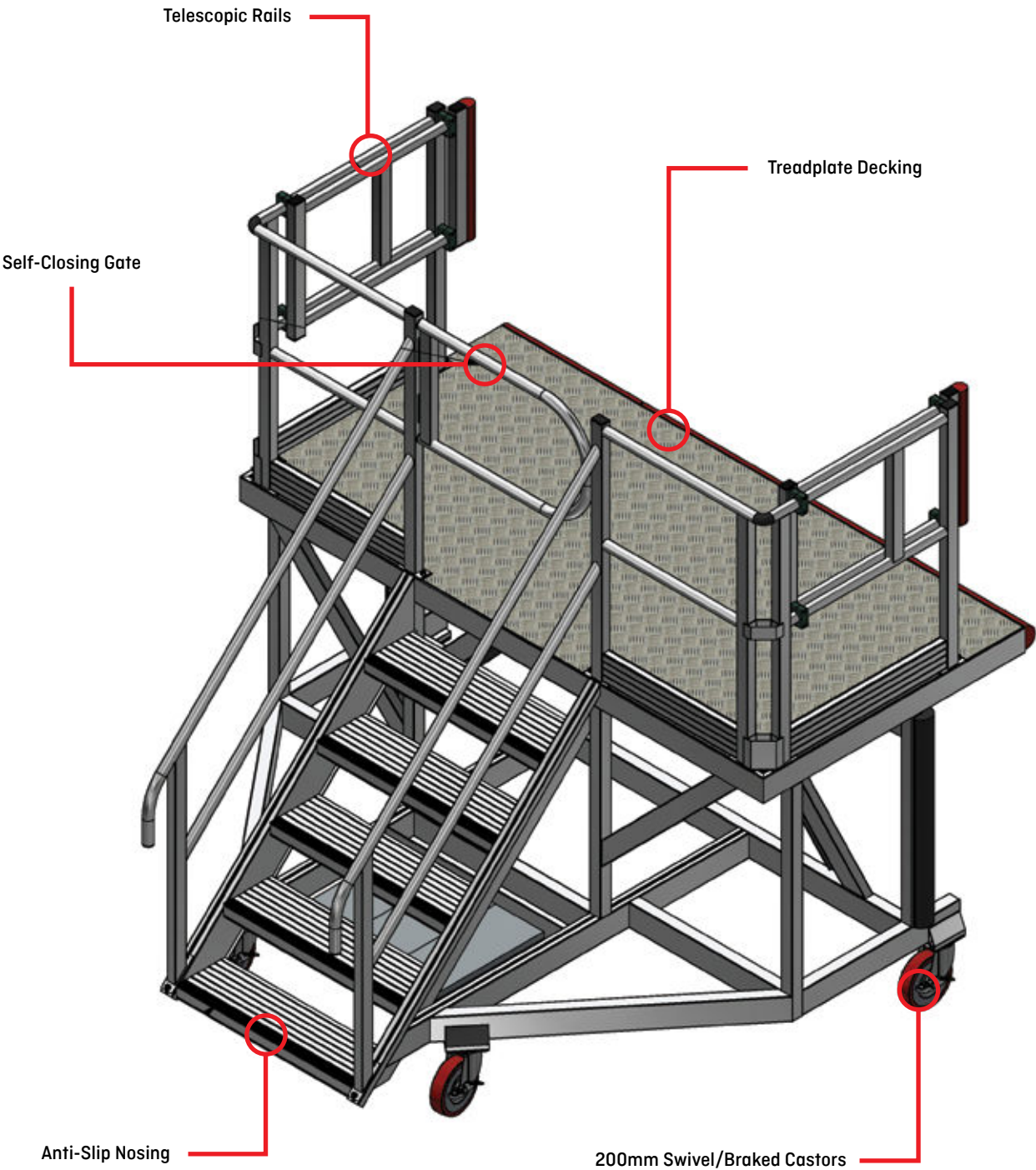


Tail Access Platform

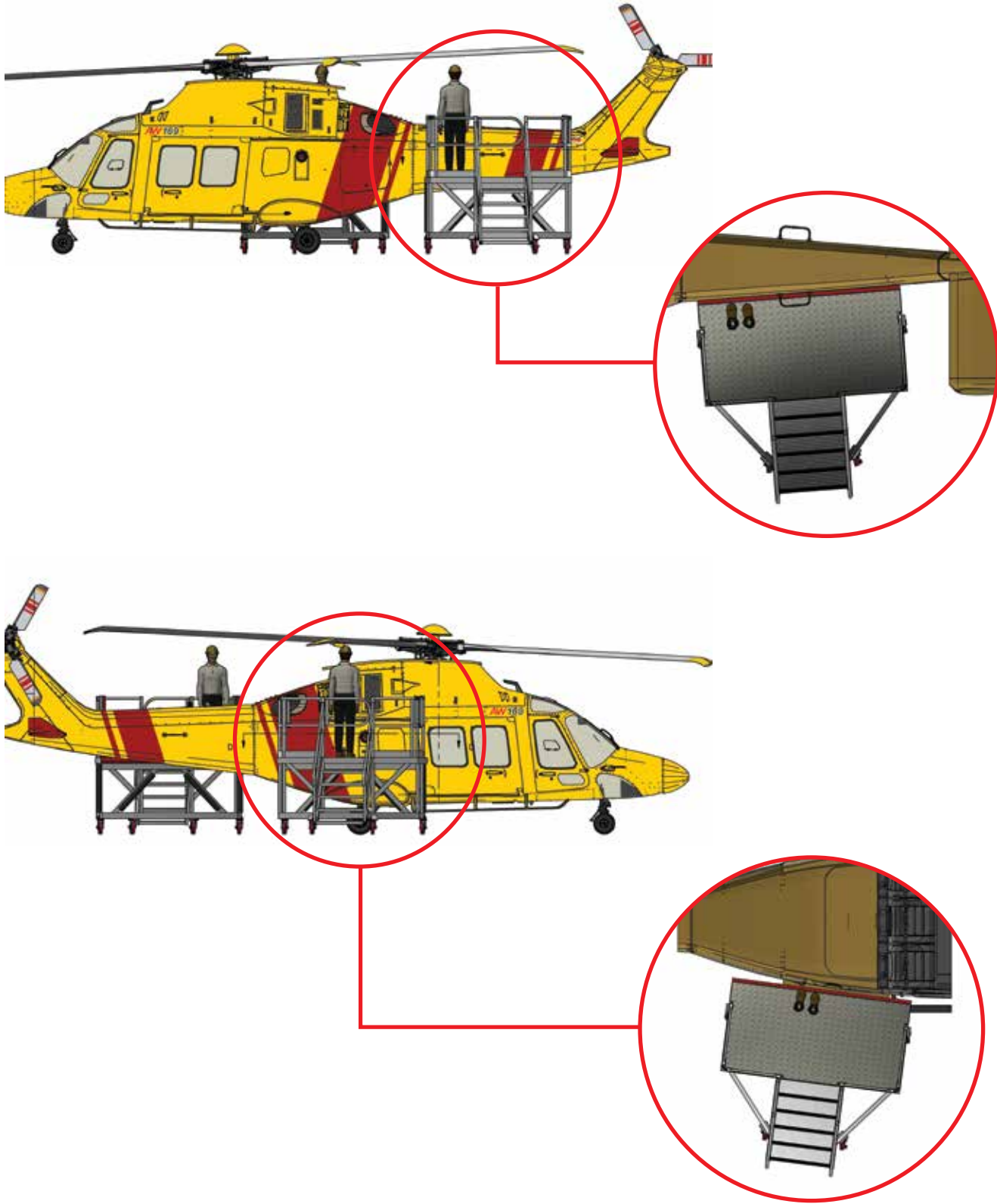


Tail Boom Access Platform

- > Larger platform area provides ease of access to maintenance areas on the tail boom.
- > Telescopic guardrails allow ease of positioning against the helicopter, without clash risk and then close the gaps removing fall risk.
- > Stair access allows the user to carry tools and parts to and from the work space.
- > Can be used in other areas on the Helicopter.
- > Also suitable for use on other aircraft types such as the AW139.

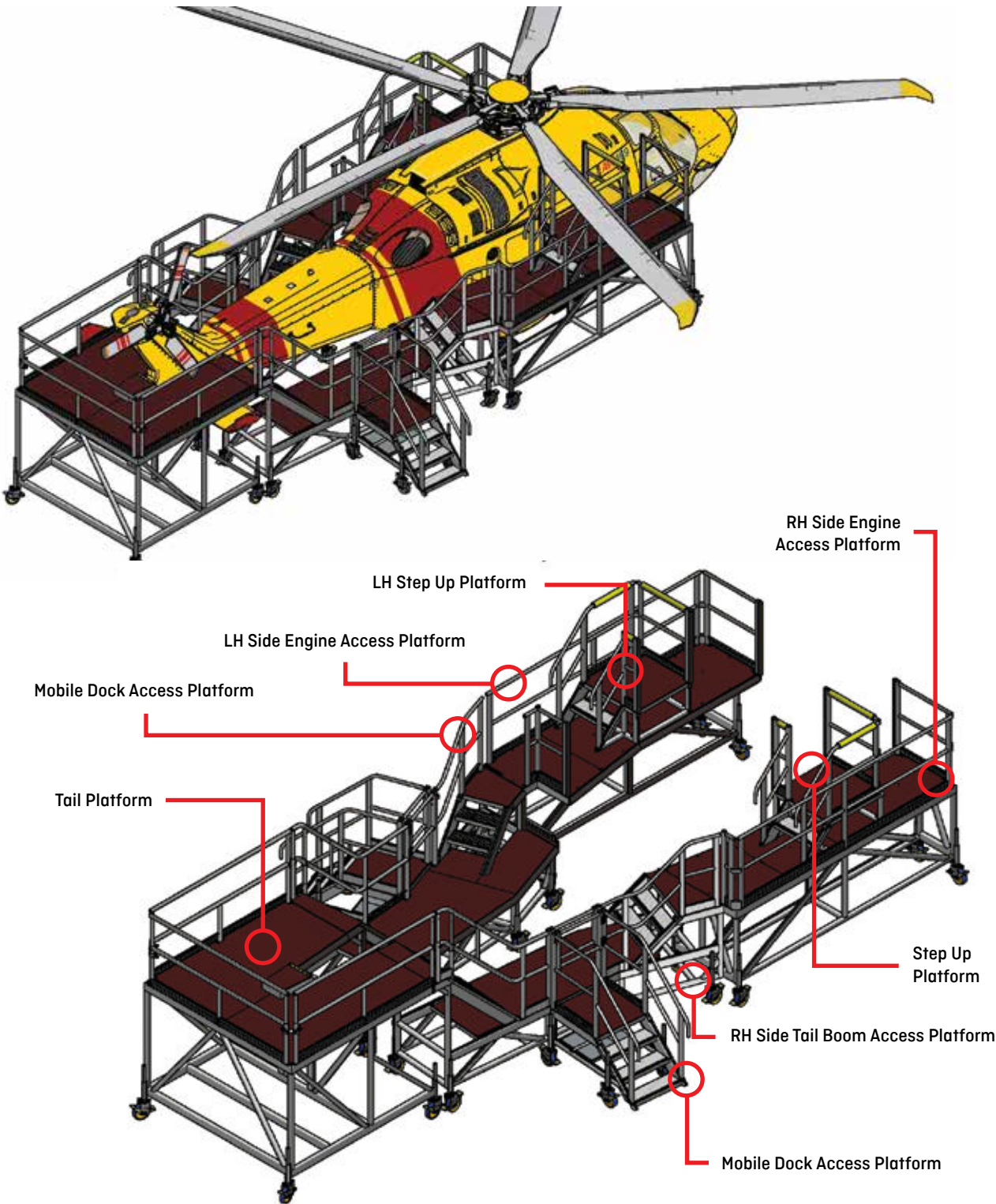


Tail Boom Access Platform

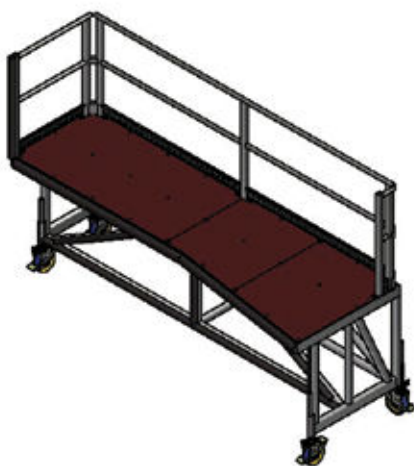


Helicopter Docking System

- › Docking modules are independently mobile, allowing fast pack down of the dock for storage and deployment.
- › The complete dock allows unrestricted access around the periphery of the Helicopter.



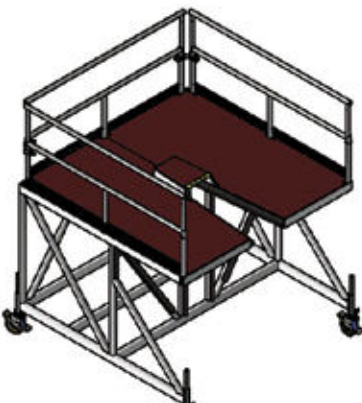
LH & RH Side Access Platform



LH & RH Tail Boom Access Platform



Tail Access Platform



Mobile Dock Access Platform

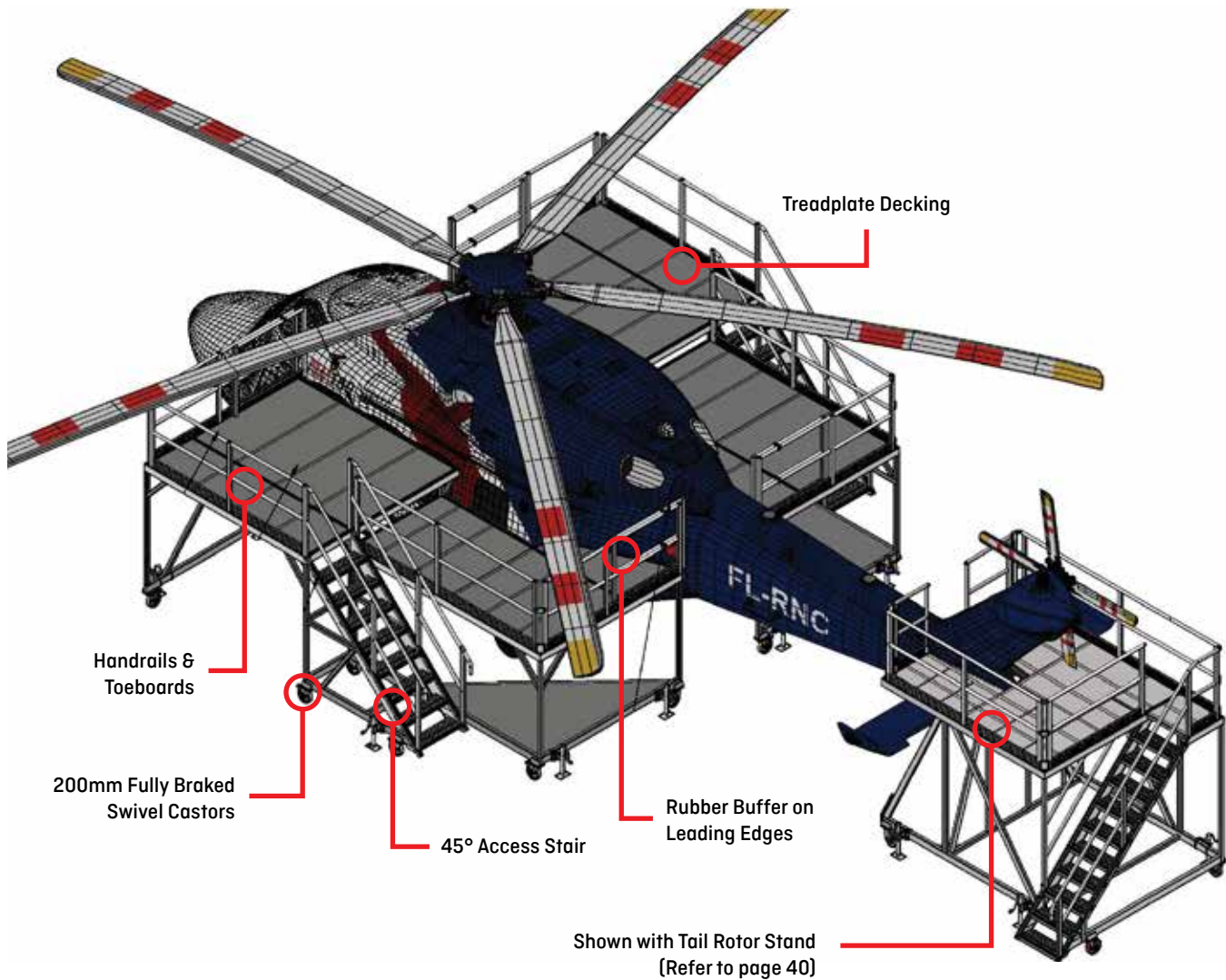


Side Access Platforms

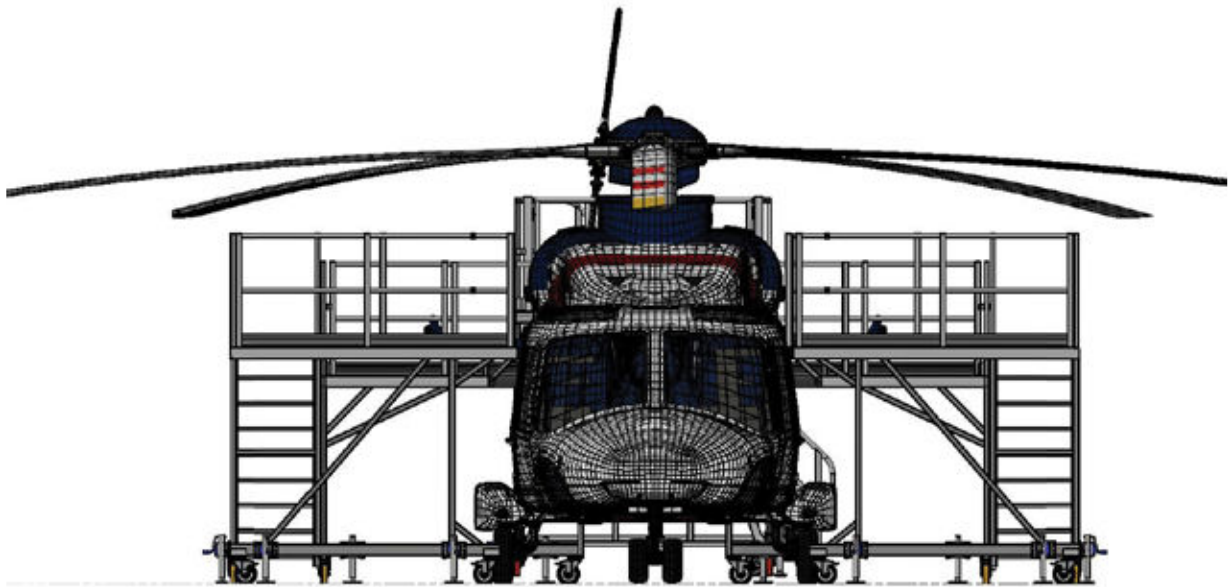
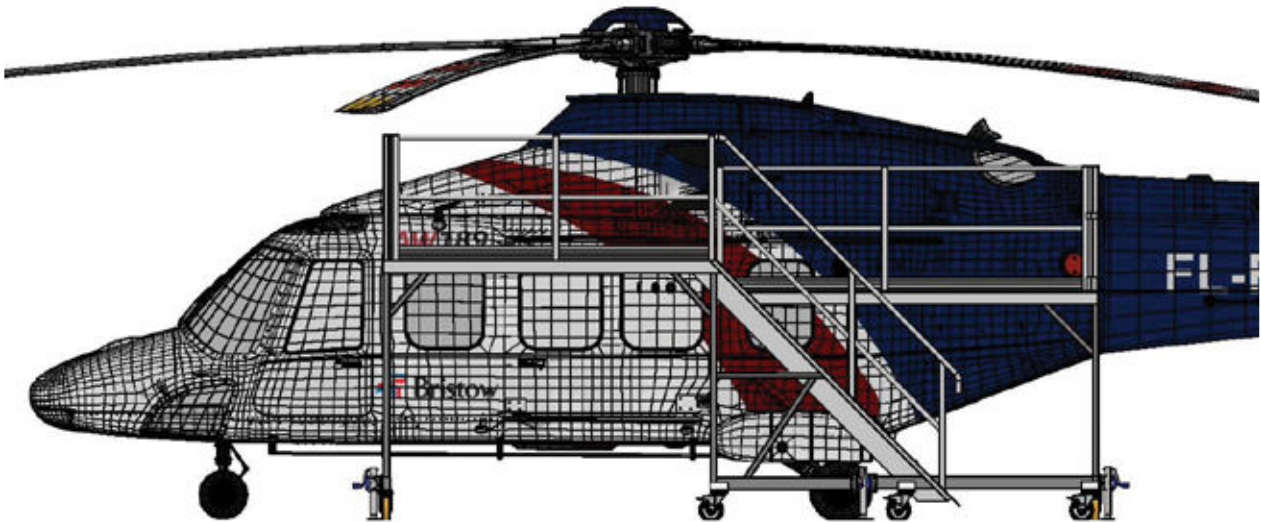
- > Large working deck to complete base maintenance tasks on the main rotor, transmission, and motor.
- > Stair access allows the user to carry tools and parts to and from the platform.
- > Dual-level to facilitate downward cowl opening and cabin door opening.
- > Mobile castors for ease of relocation.
- > Cantilevered and clear span structure, allows unrestricted access into the helicopter simultaneously while work is being completed above.



Also Suitable for the
AW149 Military Variant

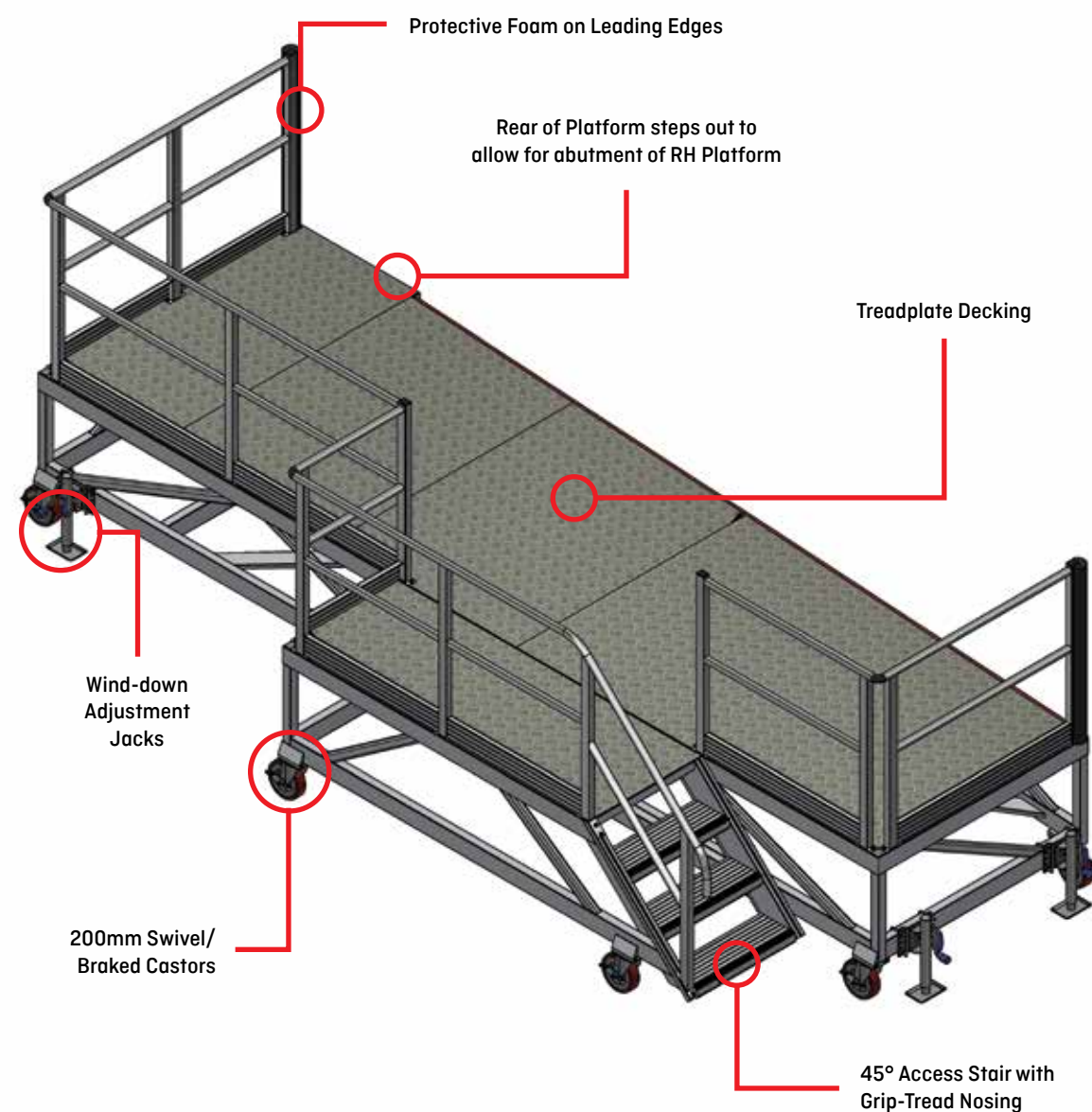


Side Access Platforms



Tail and Boom Combination Stand

- › Designed to provide complete access to the tail boom and tail rotor for routine checks and maintenance.
- › Large working deck provides access for deeper levels of maintenance.
- › Stair access allows users to carry necessary tools and parts to and from the platform deck.
- › Designed as a LH/ RH combination platform set.
- › RH platform pictured below. This can be used as a stand-alone platform to access the tail rotor, stabilisers, and length of the tail boom.

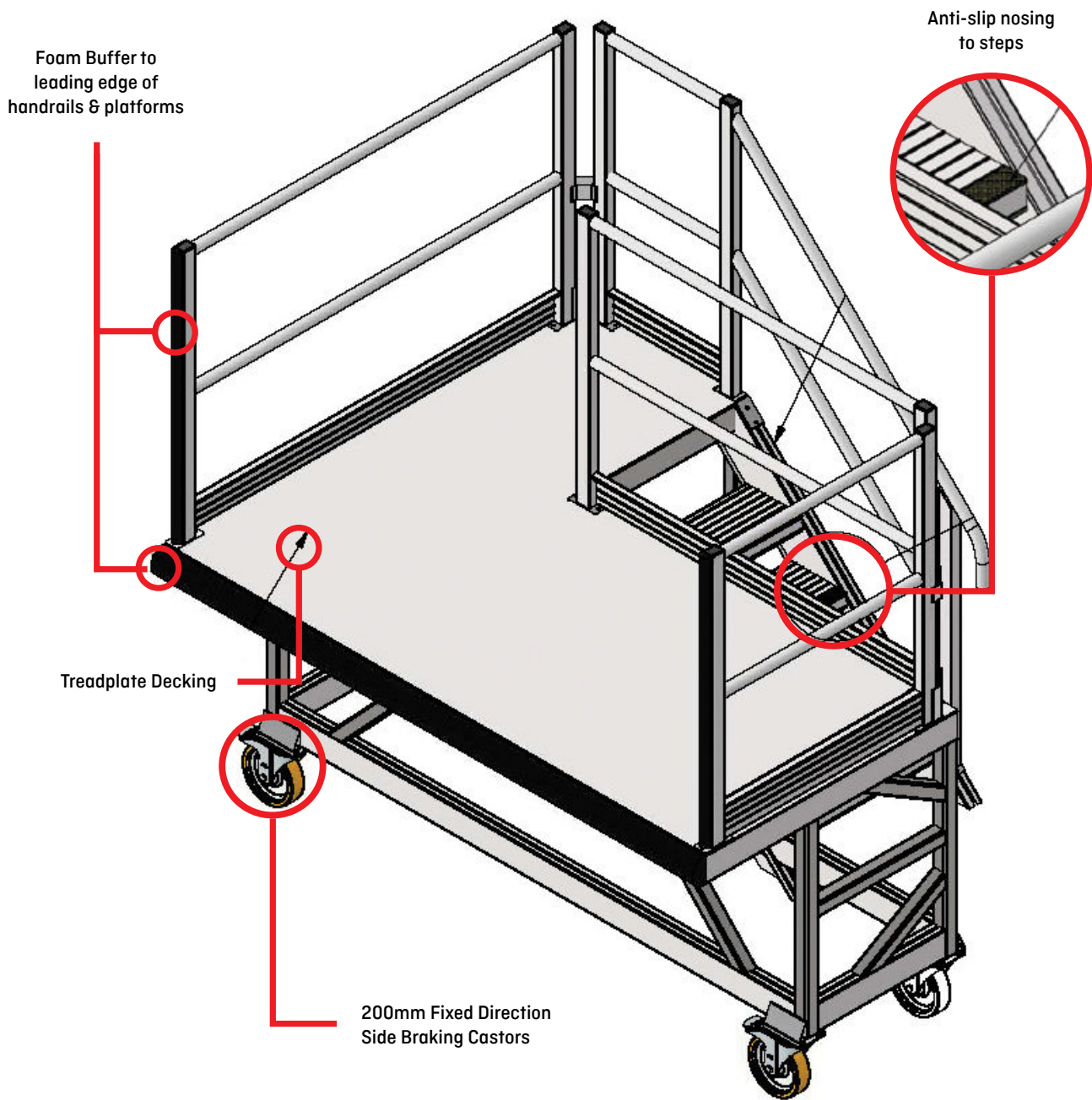


Tail and Boom Combination Stand



Flight Line Stand

> Large cantilever to reach over aircraft mobile dolly and access the work area.

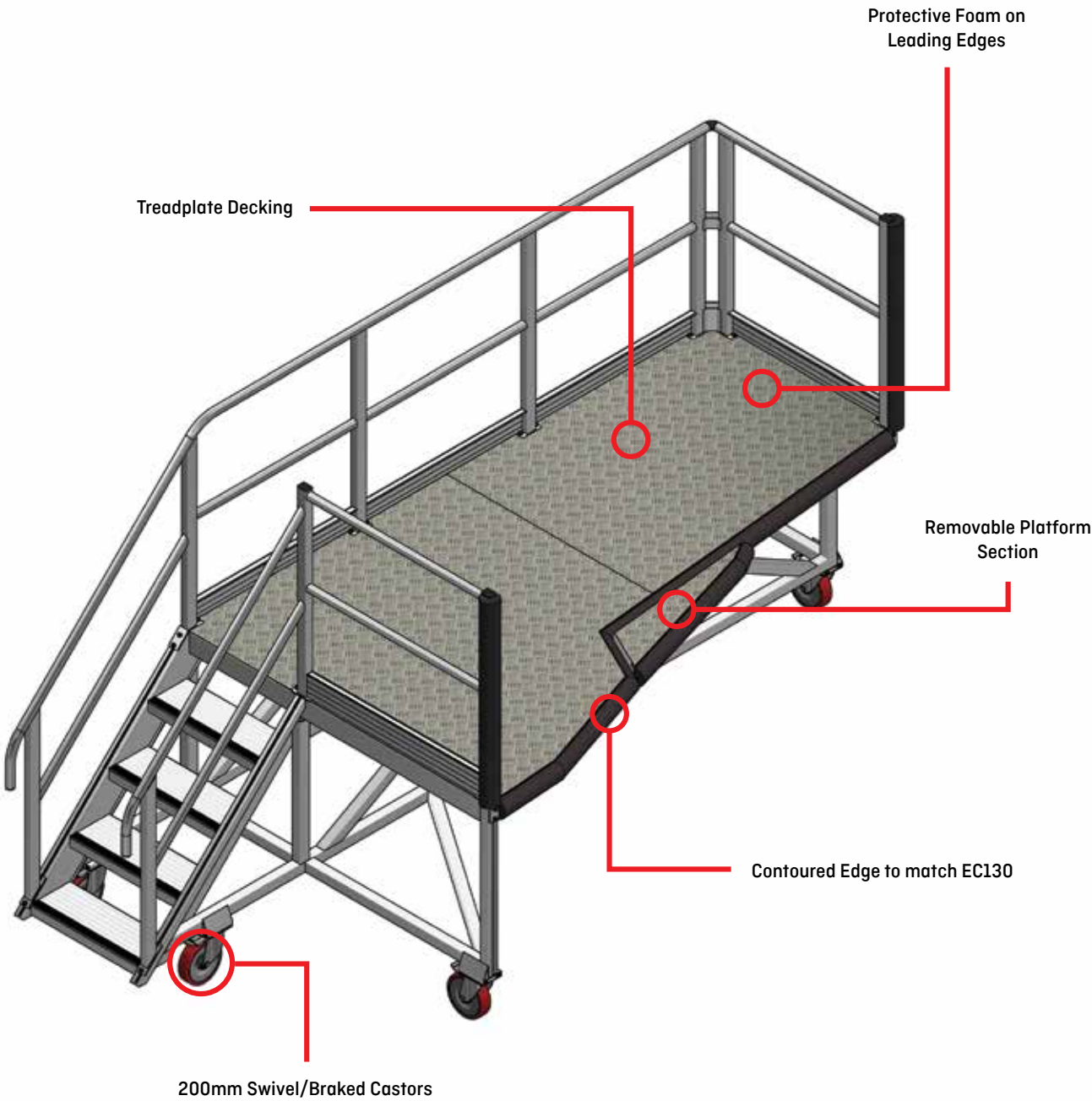


Flight Line Stand



Profiled Side Access Platform

- › The H130 Side Access Stands, consists of two aluminium mobile platforms for aircraft engineers to safely access the H130 as well as similar aircraft with a different profile.
- › Removable platform sections, ensure compatibility with other aircraft types.

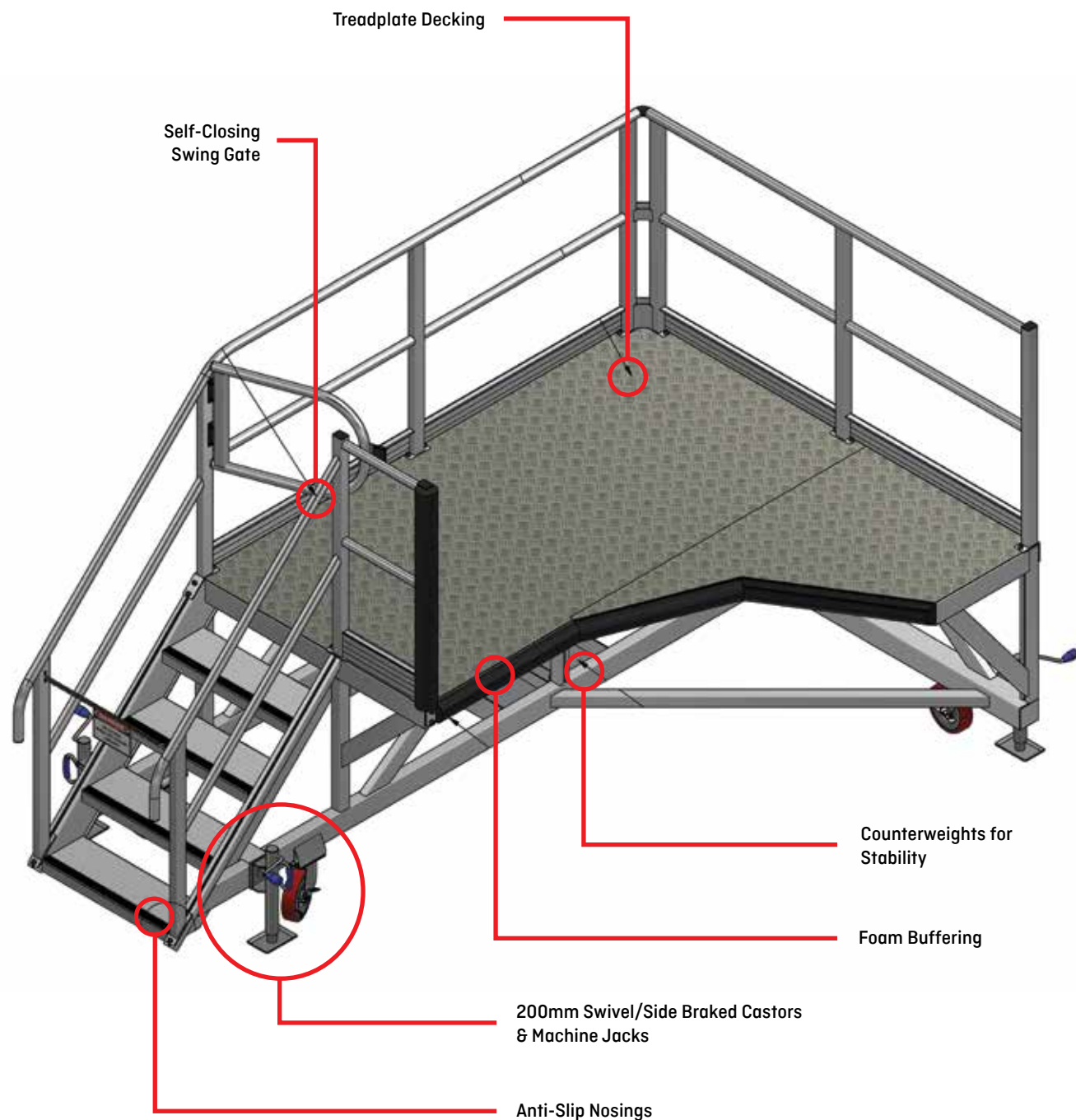


Profiled Side Access Platform



Nose Access Platform

- › Provides complete access to the Windscreen for repairs and replacement.
- › Separates into 2 sections for storage and ease of relocation.



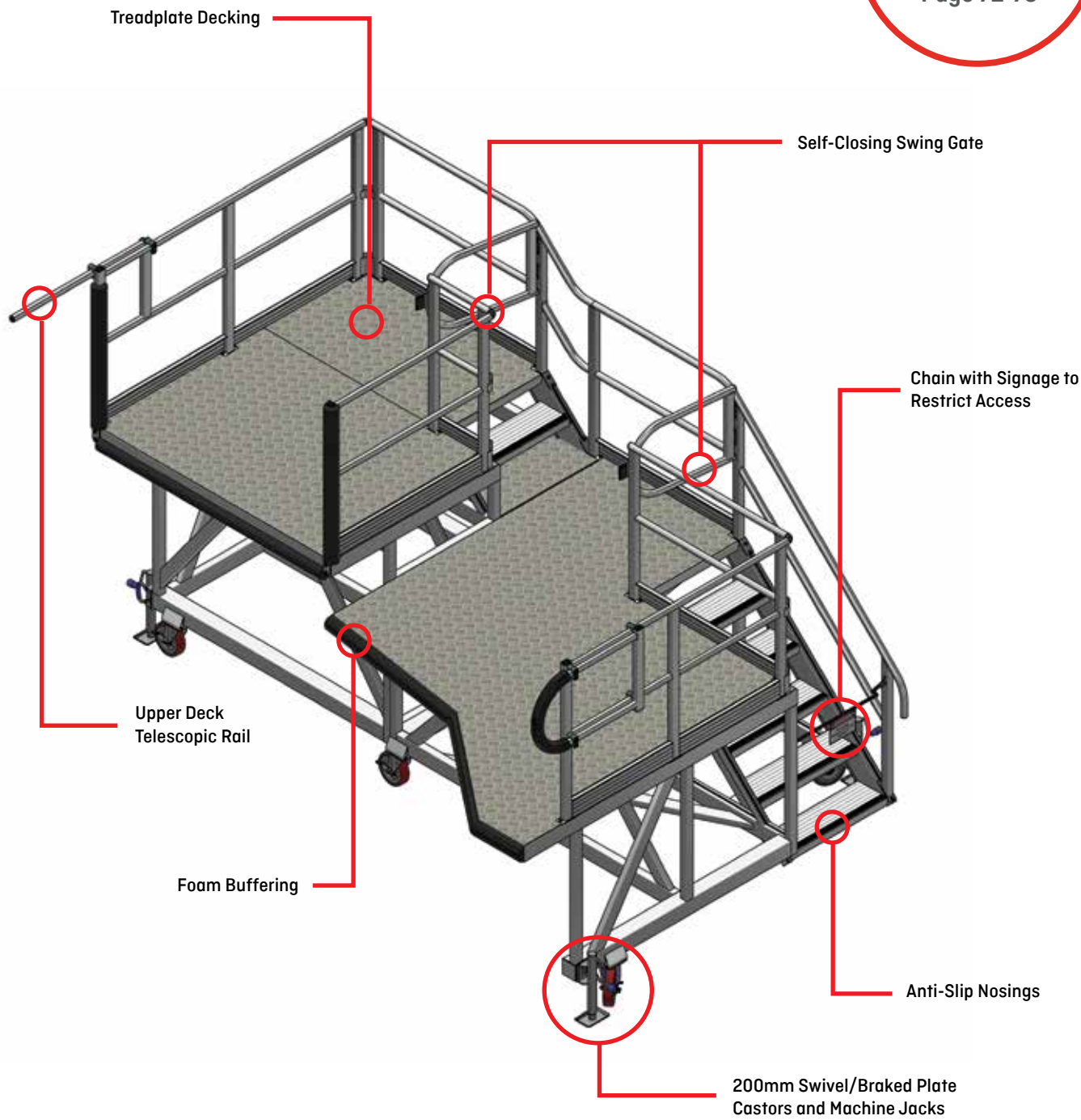
Nose Access Platform



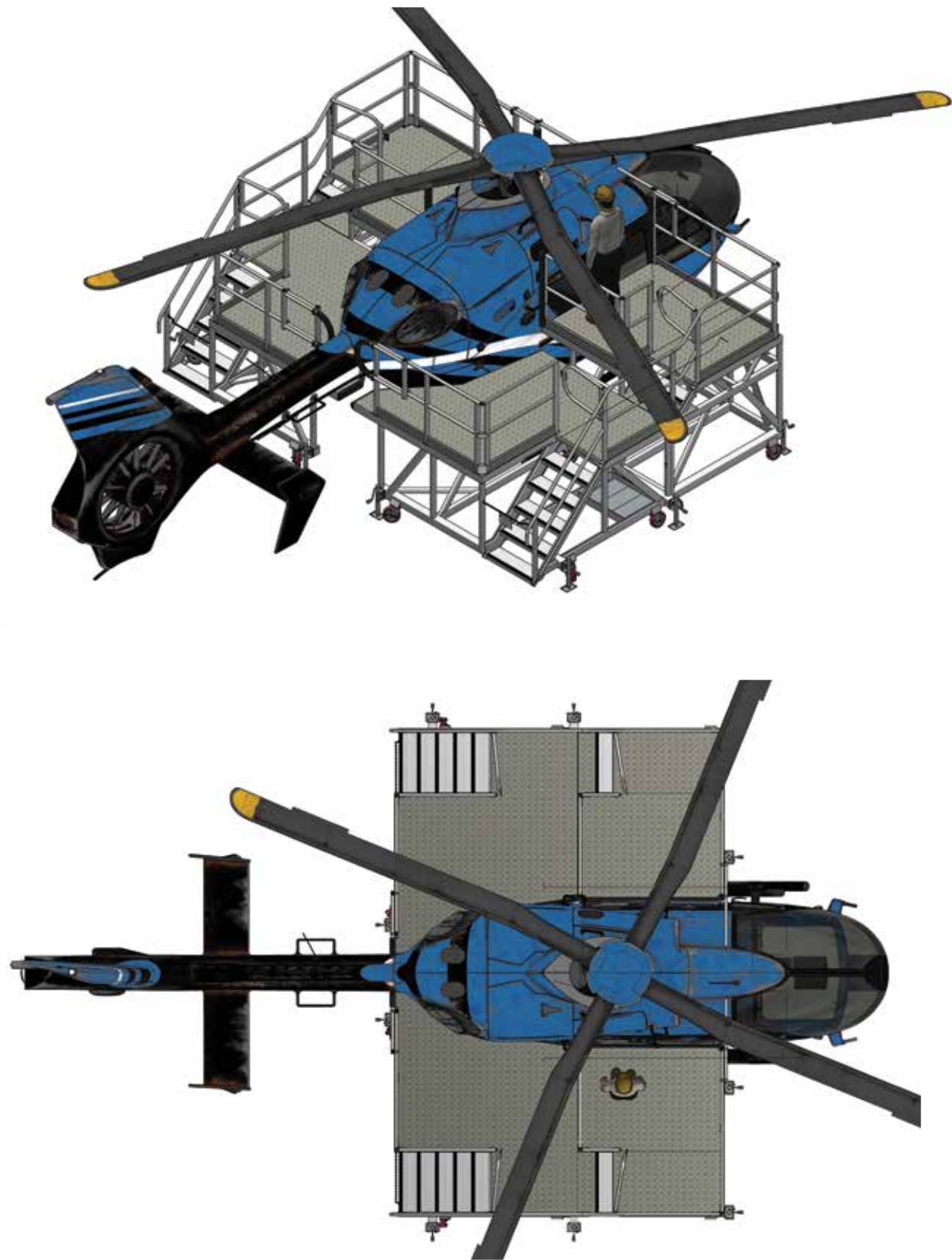
Side Access Docking Platform

- › Large, deep platform area allows access for multiple personnel as required for the maintenance tasks.
- › Platform keeps clear of the Helicopter skids, allowing easy placement.
- › Dual height provides access to the main rotor and engine area.
- › Stair access allows the user to carry tools to/from the work area.


ALSO SEE
H145 Dual-Level
Platform
Page 72-73

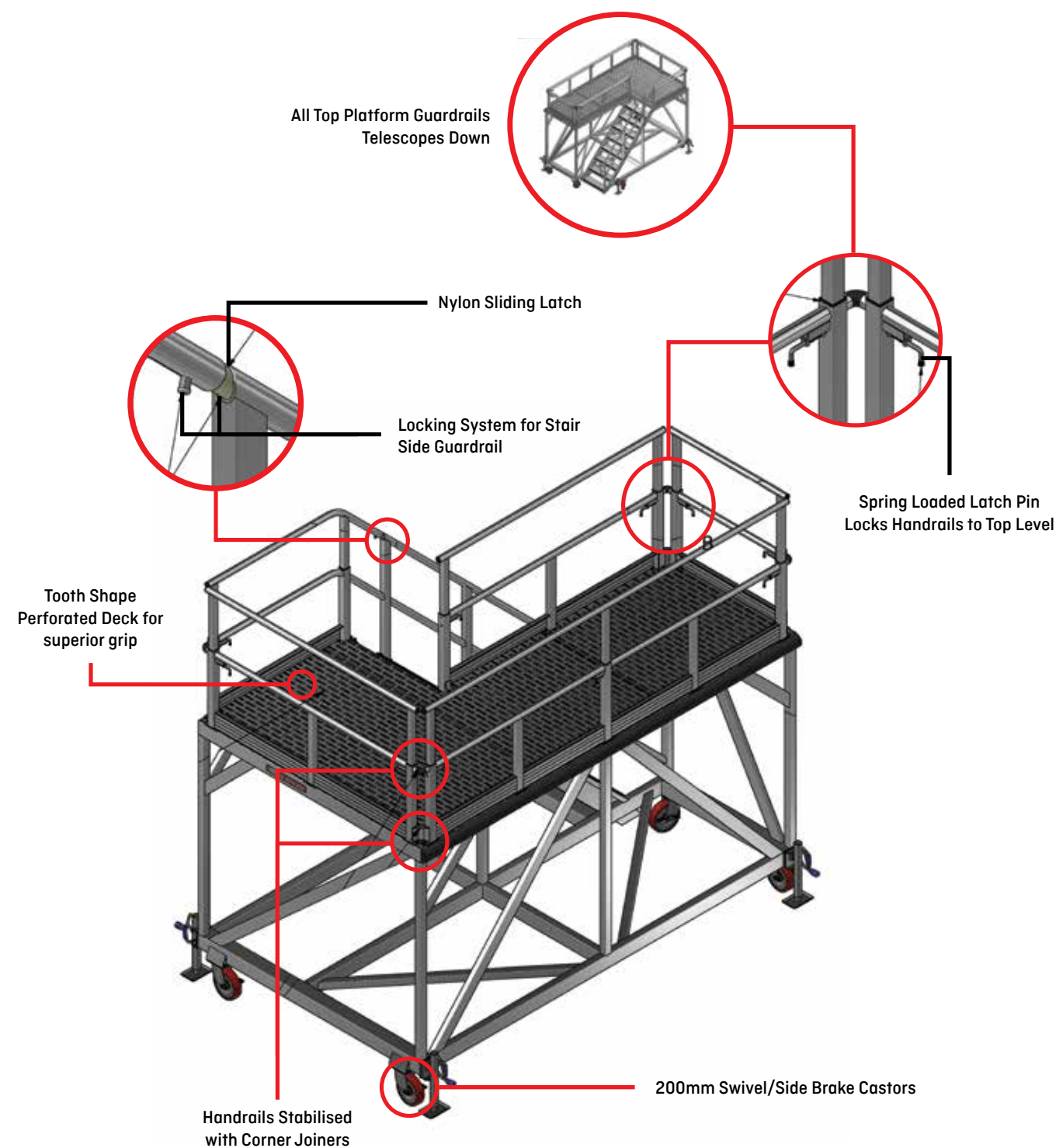


Side Access Docking Platform

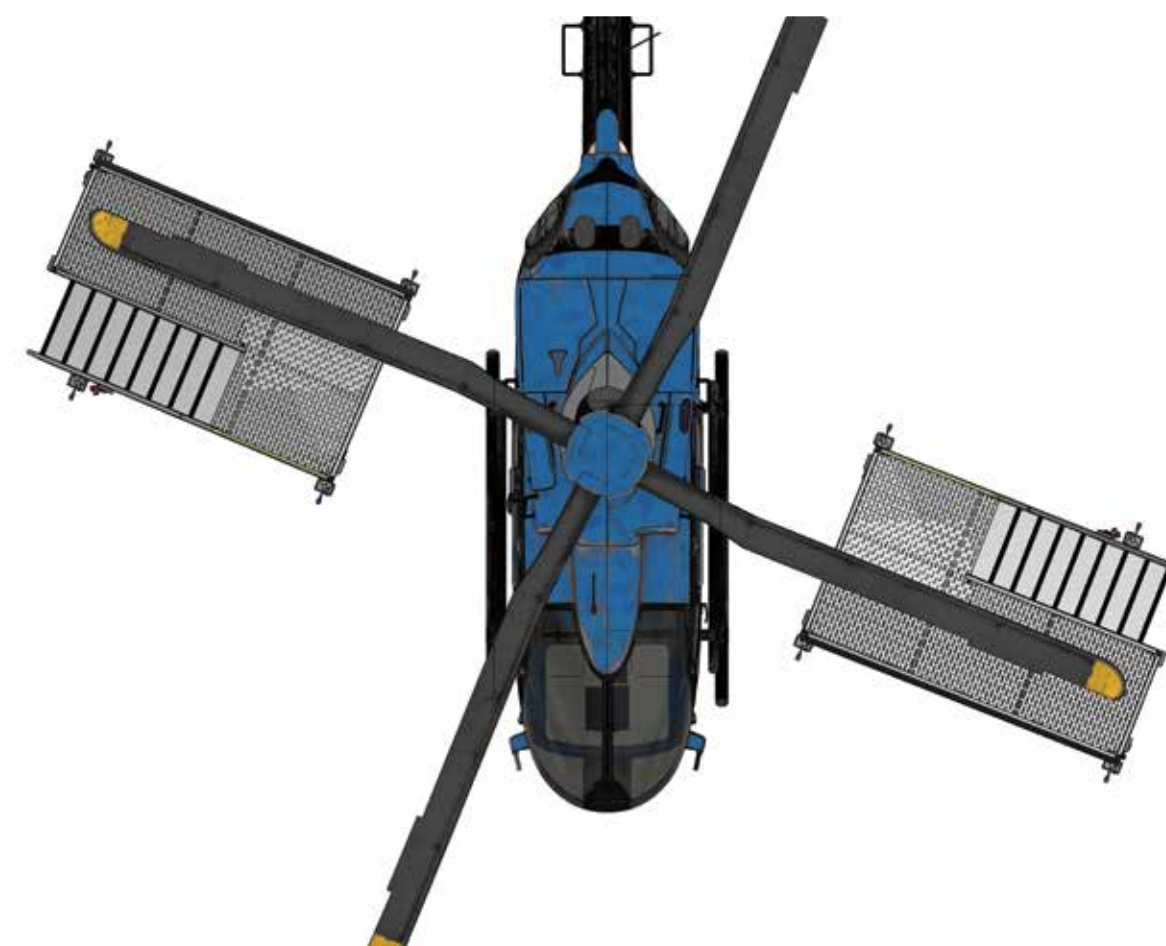


Blade Wash Platform

- › Provides access to the main tail rotor for cleaning.
- › Telescopic guardrails slide down to midrail height, ensuring no clash with the blades when positioning the stands for use.

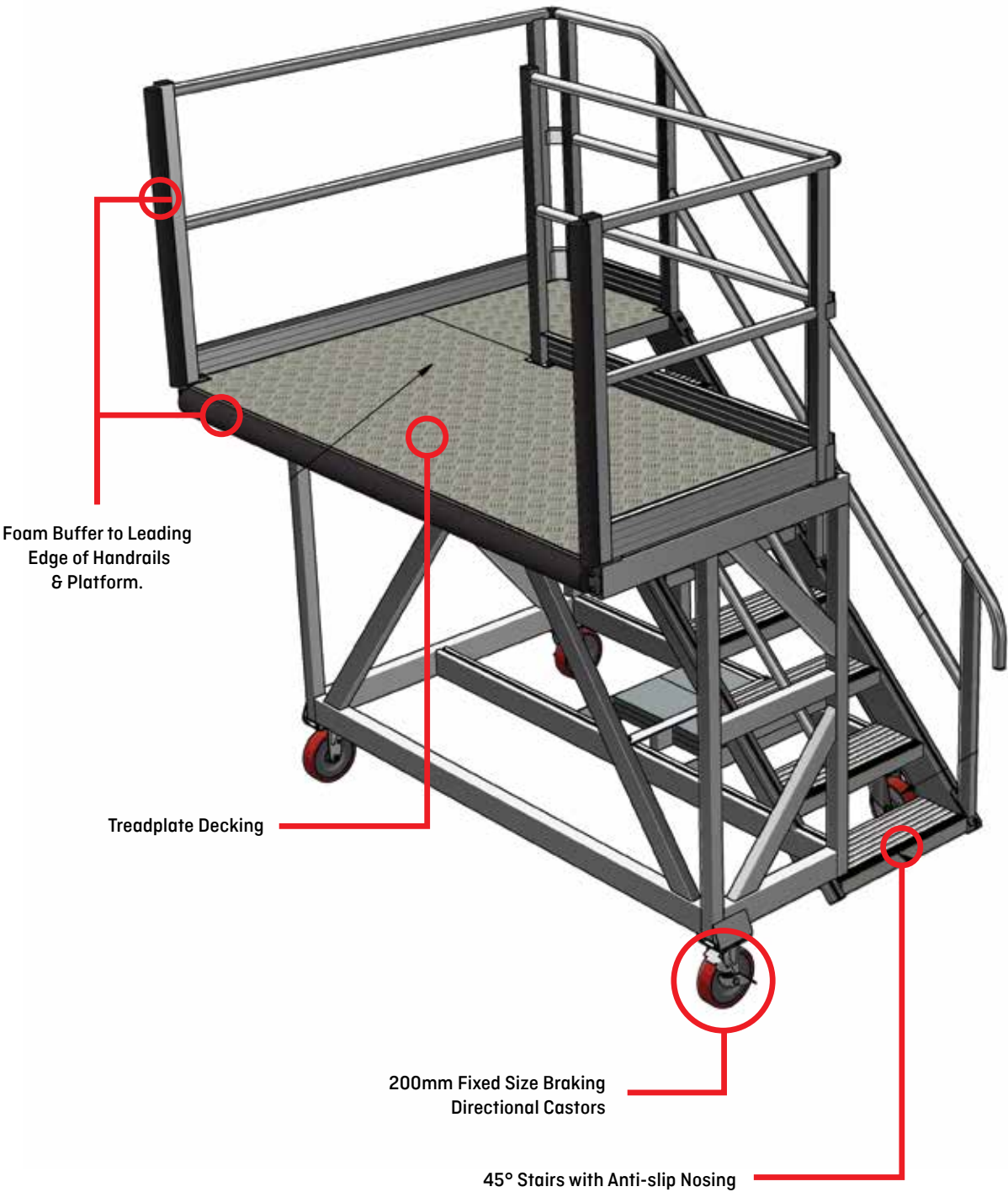


Blade Wash Platform



Flight Line Stand

- > Line maintenance style for regular checks and maintenance tasks.
- > Cantilever on the leading edge allows the user to get in close against the work area, removing any fall risk.
- > Universal stand allows use on LH or RH sides.

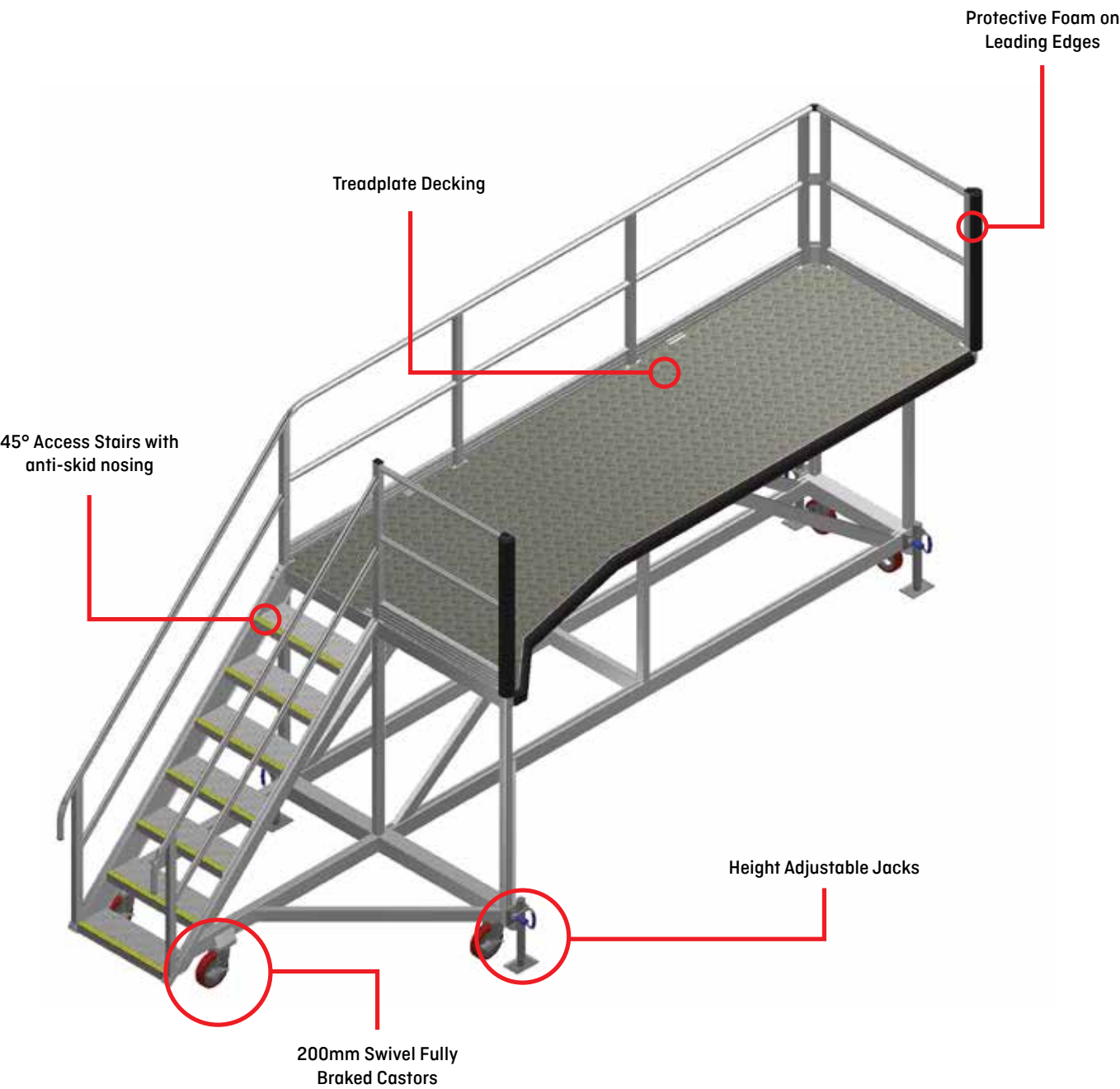


Flight Line Stand

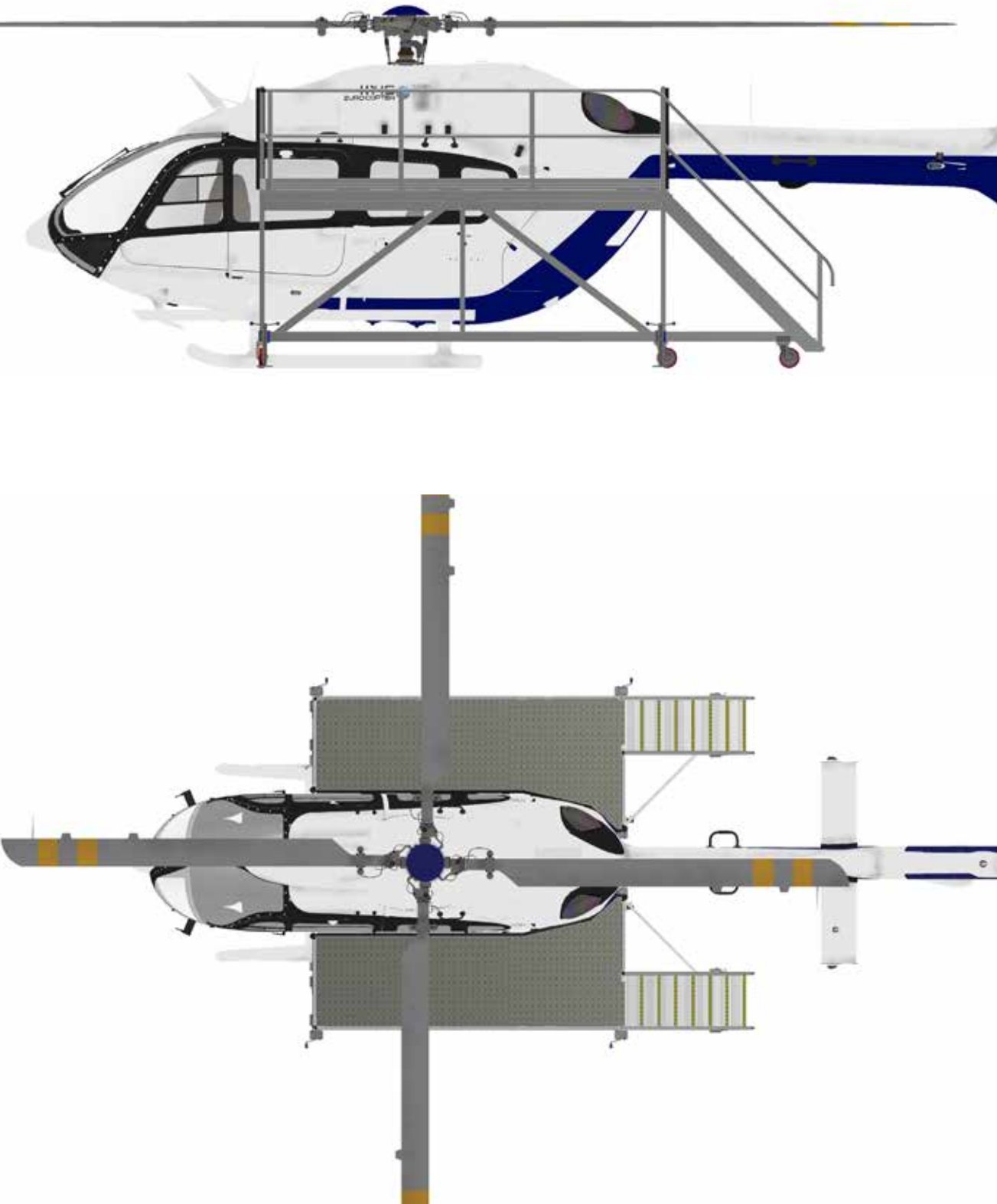


Side Access Stand

- › These are our very popular stands for heavy maintenance on the H145. They are large enough to provide all required access to the aircraft for heavy maintenance, but still manoeuvrable enough to relocate around small hangars.
- › High SWL allowing for multiple users on the stand.
- › Easy access to the transmission and main rotor head.



Side Access Stand

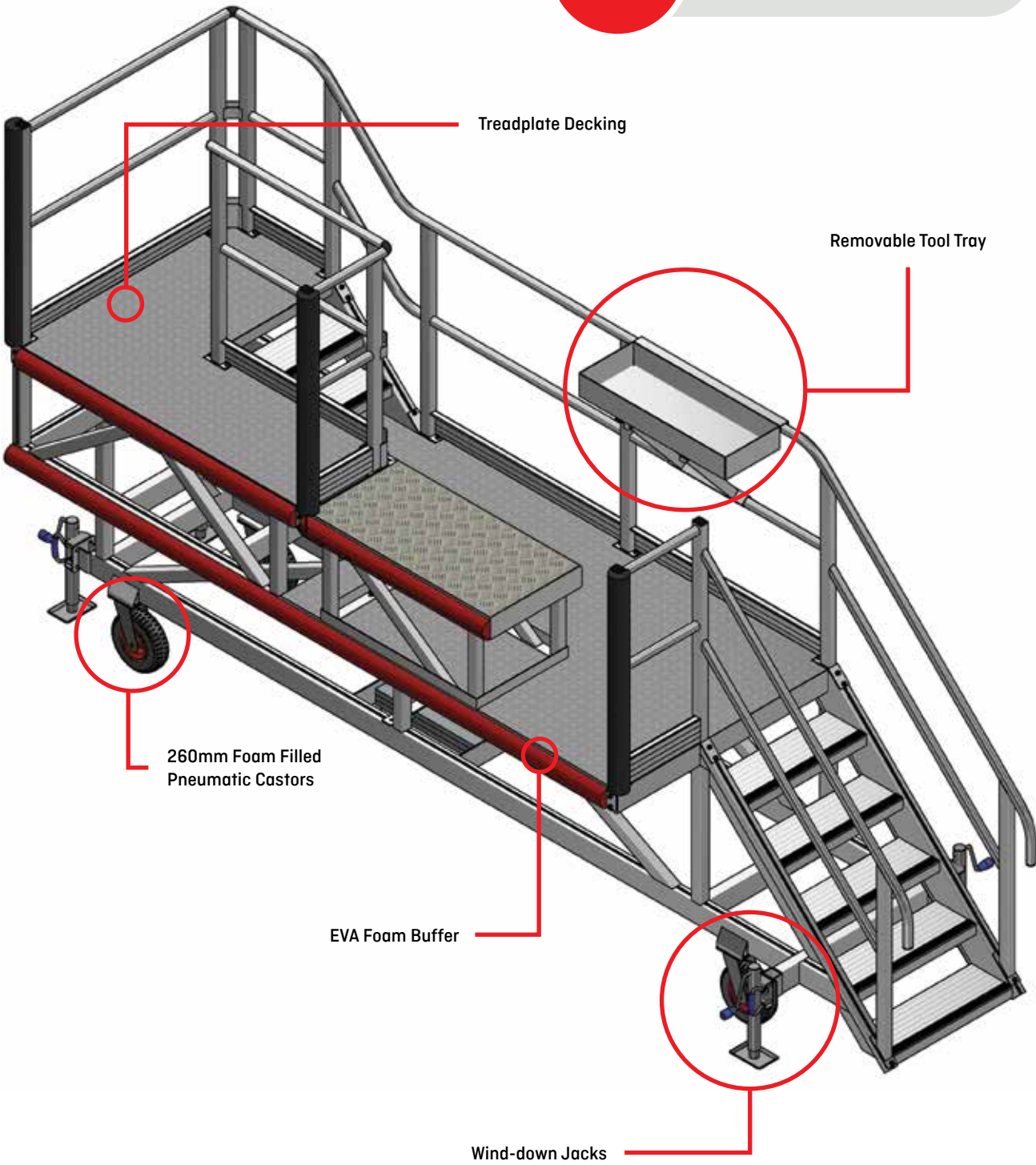


Dual-level Side Platform

- › This system encompasses all critical service points on the Airbus H145 via two-hand manoeuvrable platforms.
- › Platforms are designed with two levels - for top engine access and to the rotor head.
- › Large side cantilever clears the skids at ground level.



Suitable for the
H135 Airbus Helicopter

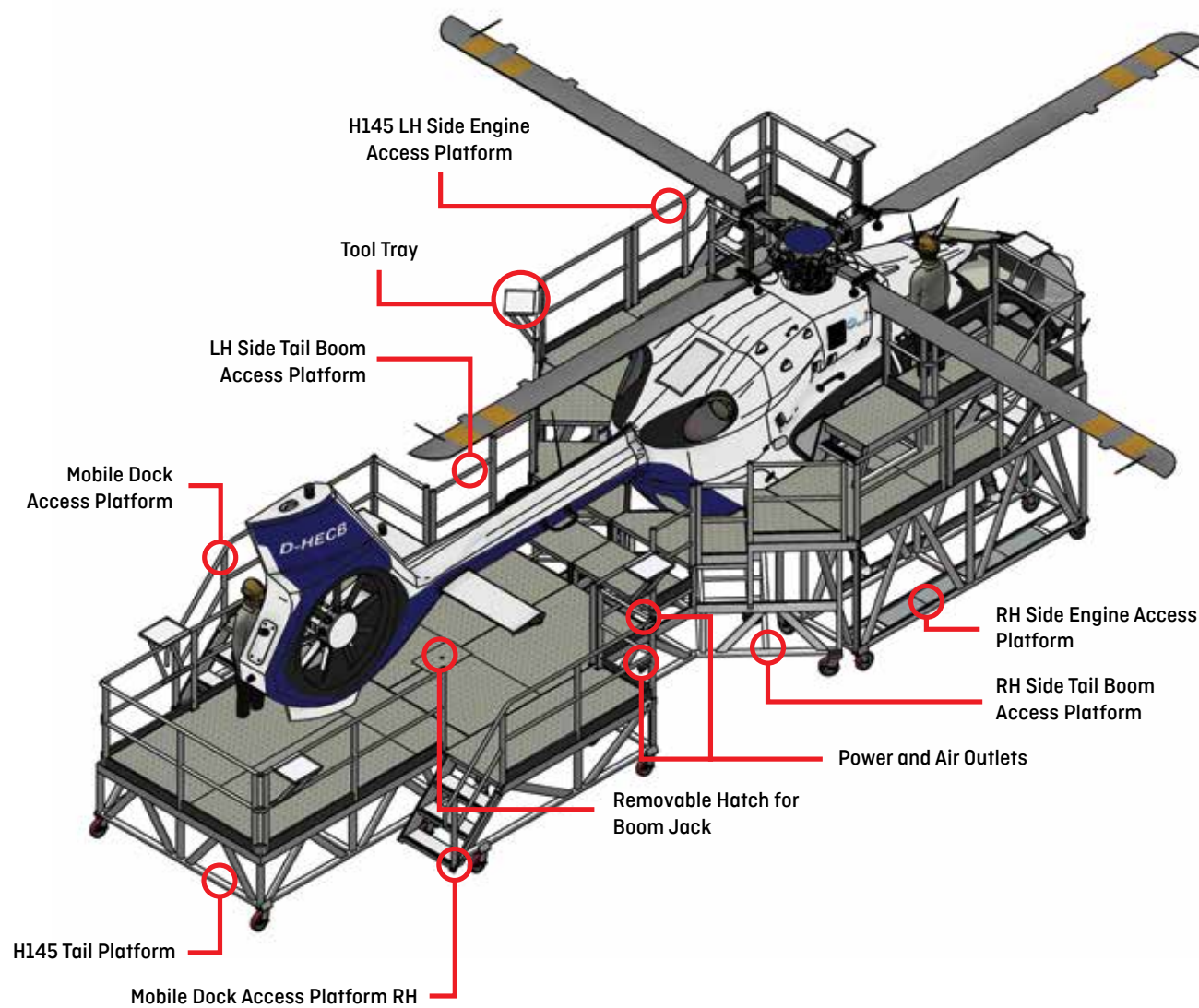


Dual-level Side Platform

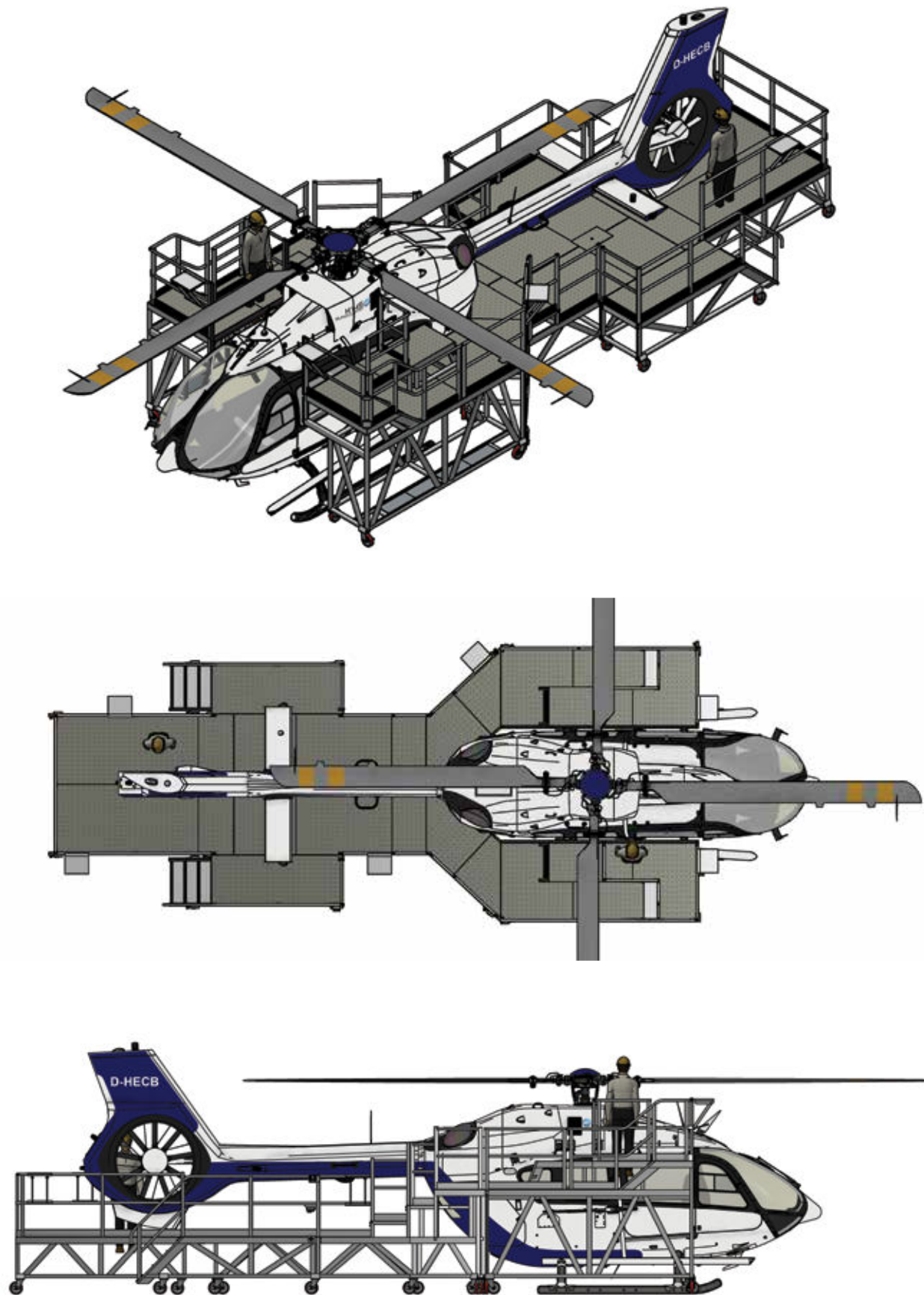


Full Surround Dock

- › Complete dock set, allows uninterrupted access to all maintenance areas at height on the aircraft.
- › Comes with options for power outlets, compressed air outlets and laptop stands.
- › Stair access allows easy access across the dock, between areas of maintenance.

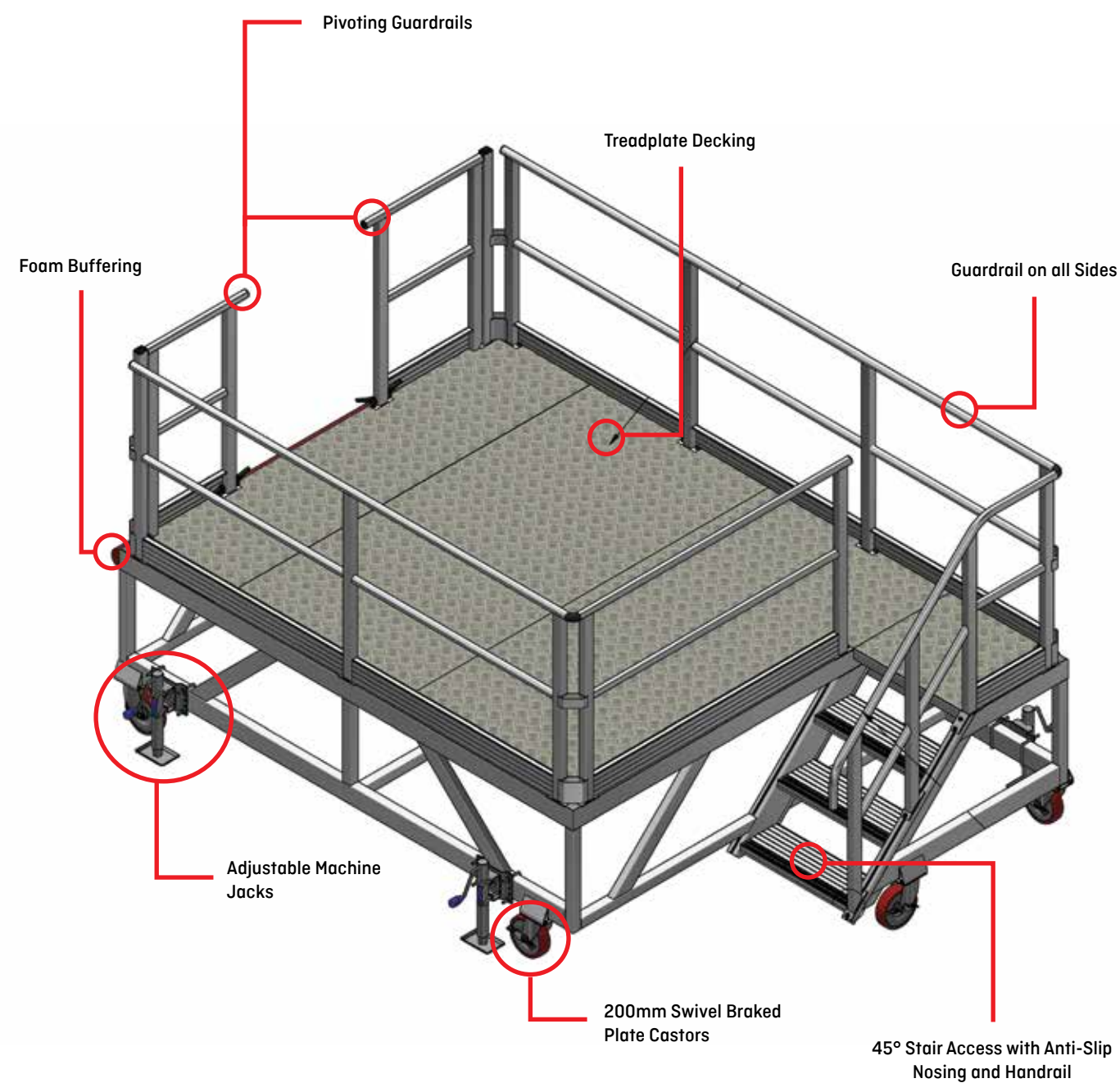


Full Surround Dock

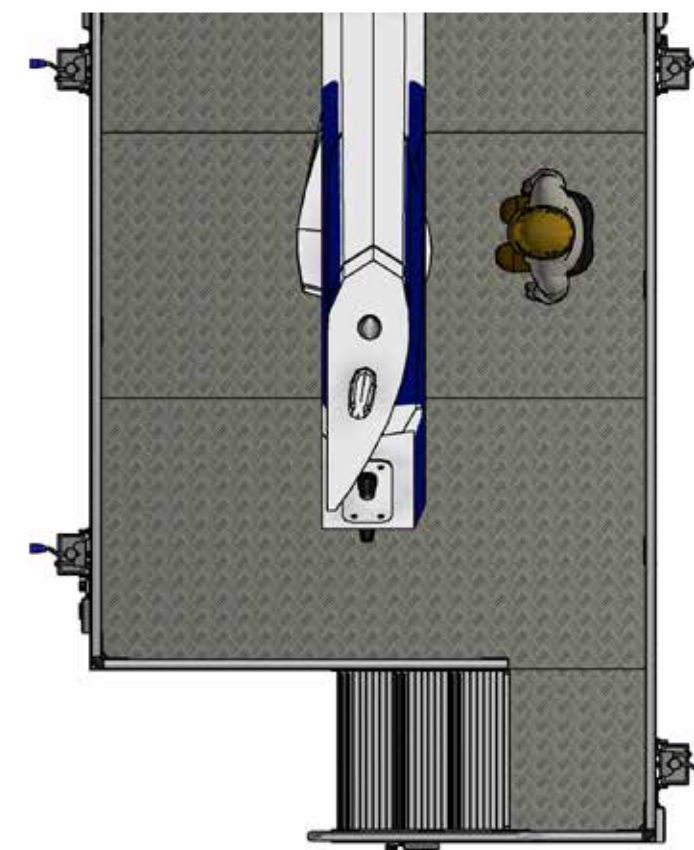


Tail Access Stand

- › Extra large platform deck allows access to the complete tail, including the fenestron and lights on the top of the tail.
- › Mobile on castors allowing easy manoeuvring around the Hangar.
- › Pivoting guardrails on the leading edge of the platform allows easy placement and close the gap to the aircraft to remove fall risk.

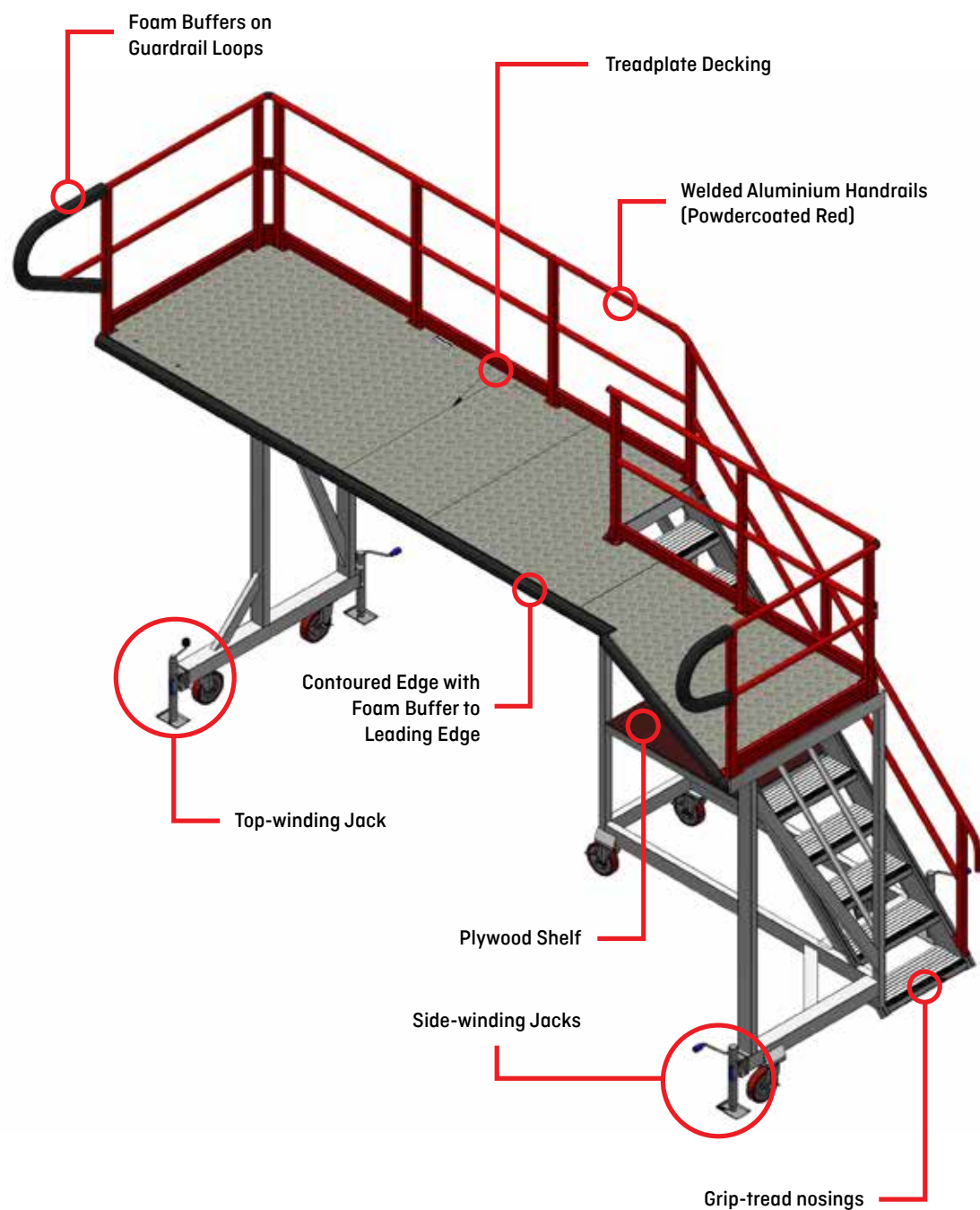


Tail Access Stand



Side Access Stand

- › These stands are ideal for heavy maintenance on the H160. They are large enough to provide all required access to the aircraft for heavy maintenance, but still manoeuvrable enough to relocate around small hangars.
- › Small step-up sections cantilevers over the side doors, allowing the doors to be opened whilst the stand is in-situ, and also giving the extra height to access right up and into the engine and main rotor blade area.



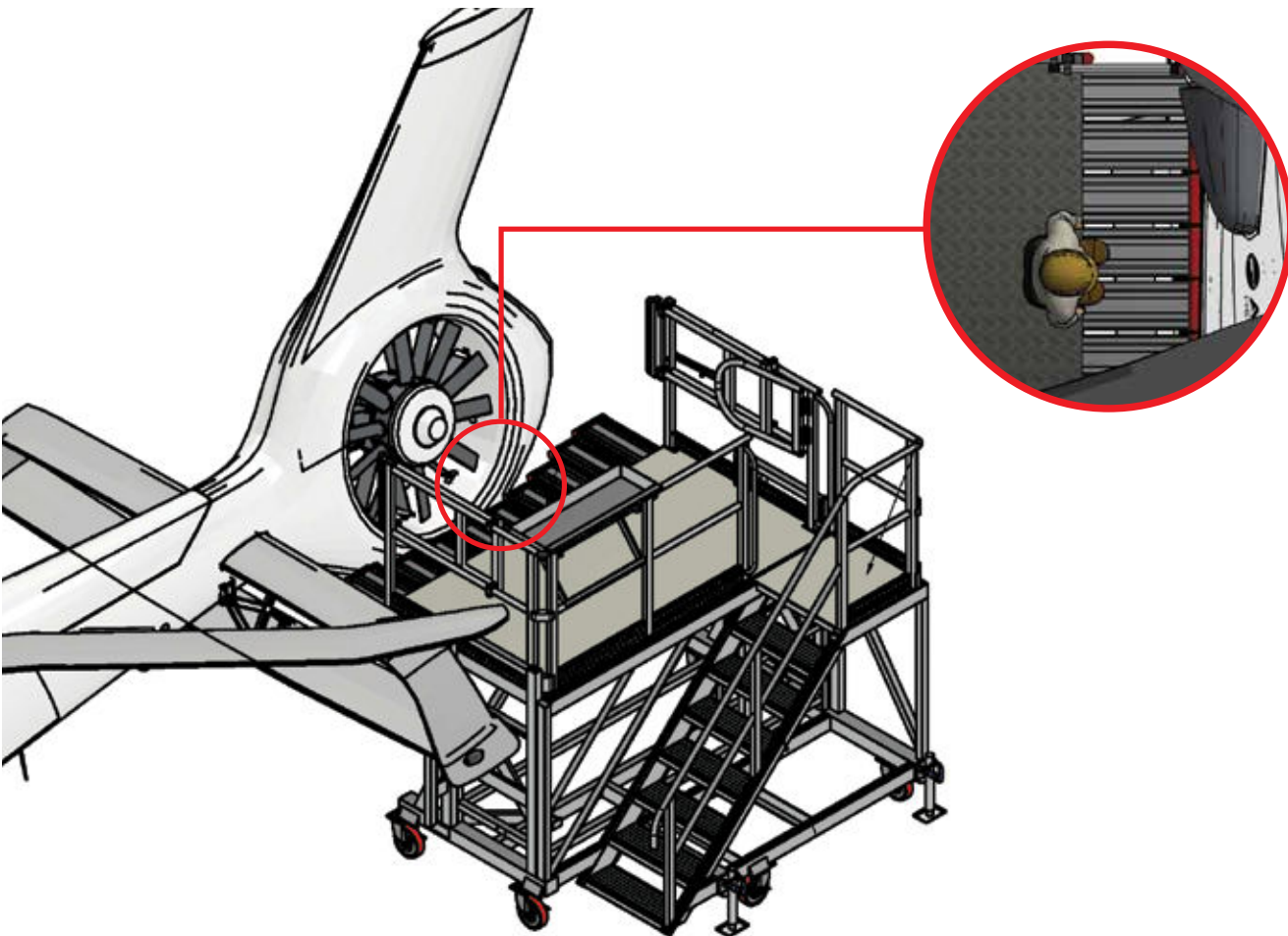
Side Access Stand



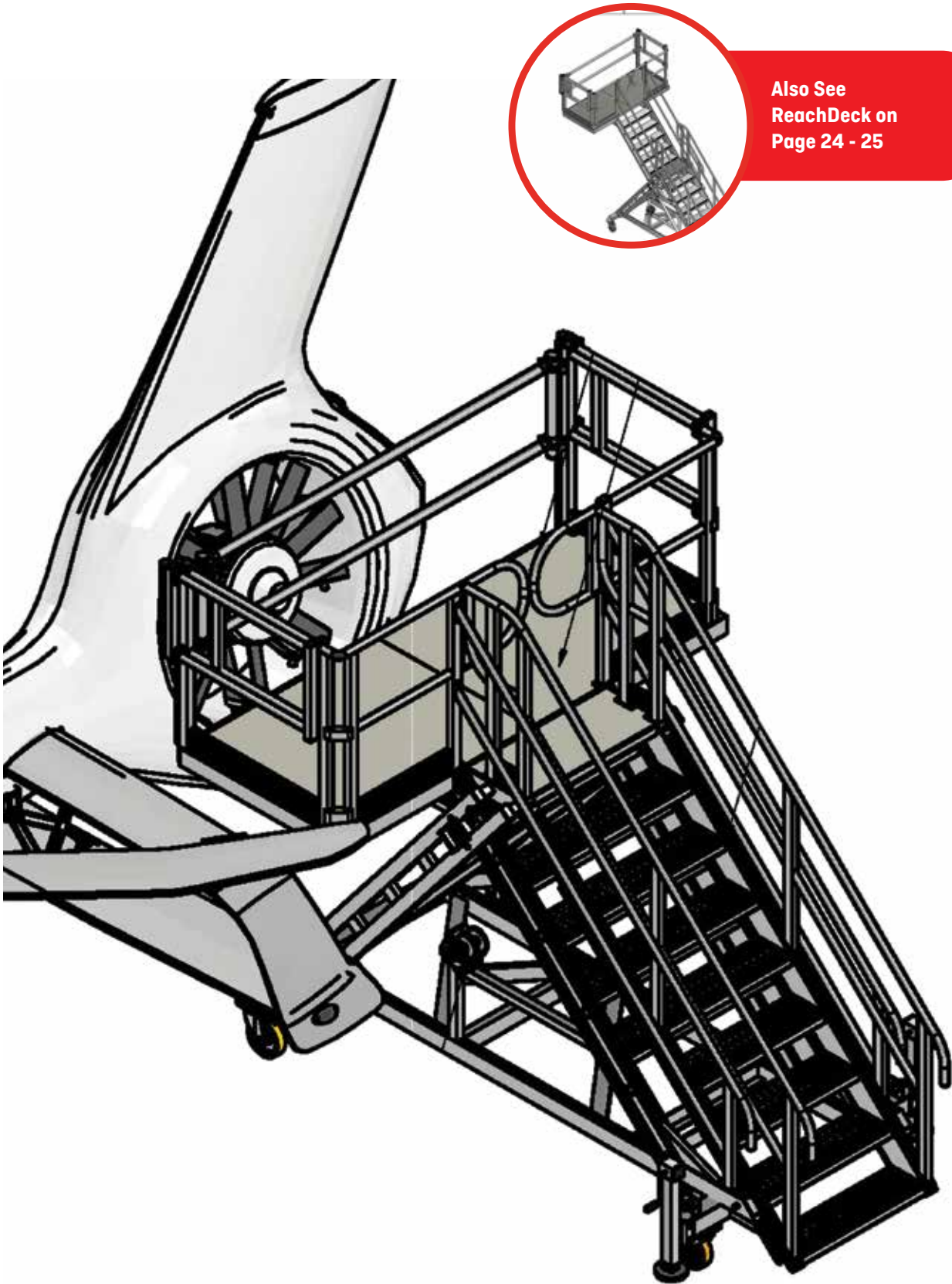
Multi-Purpose Adjustable Maintenance Platform

- > Height adjustment via manual winch, allows the platform to be used for access to both the engine and tail areas for inspections and maintenance tasks.
- > Sliding finger allows the user to safely use the platform against different areas of the aircraft fuselage.


Refer to
RotoReach
Platform
Page 26 - 27

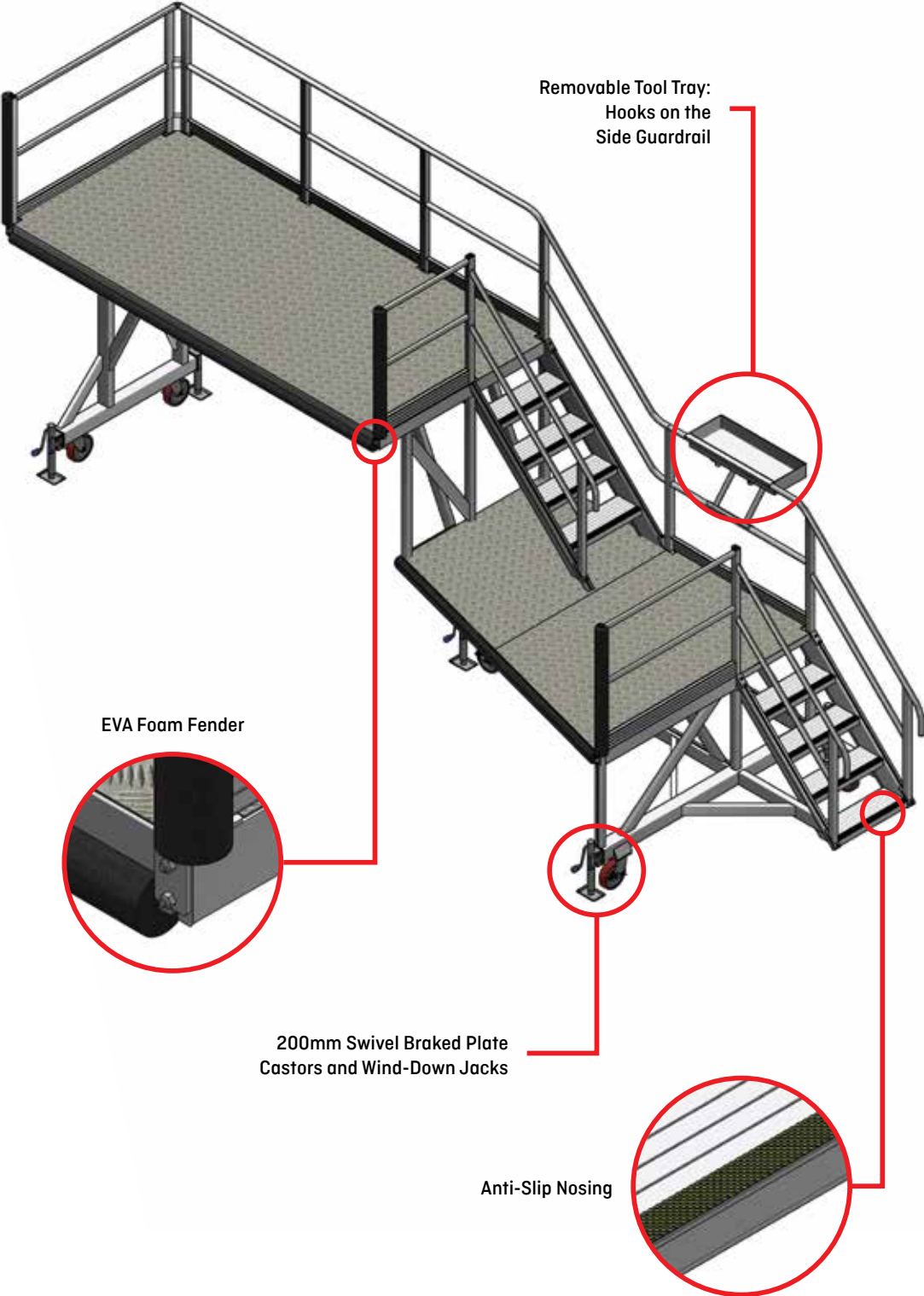


General Purpose Maintenance Platform

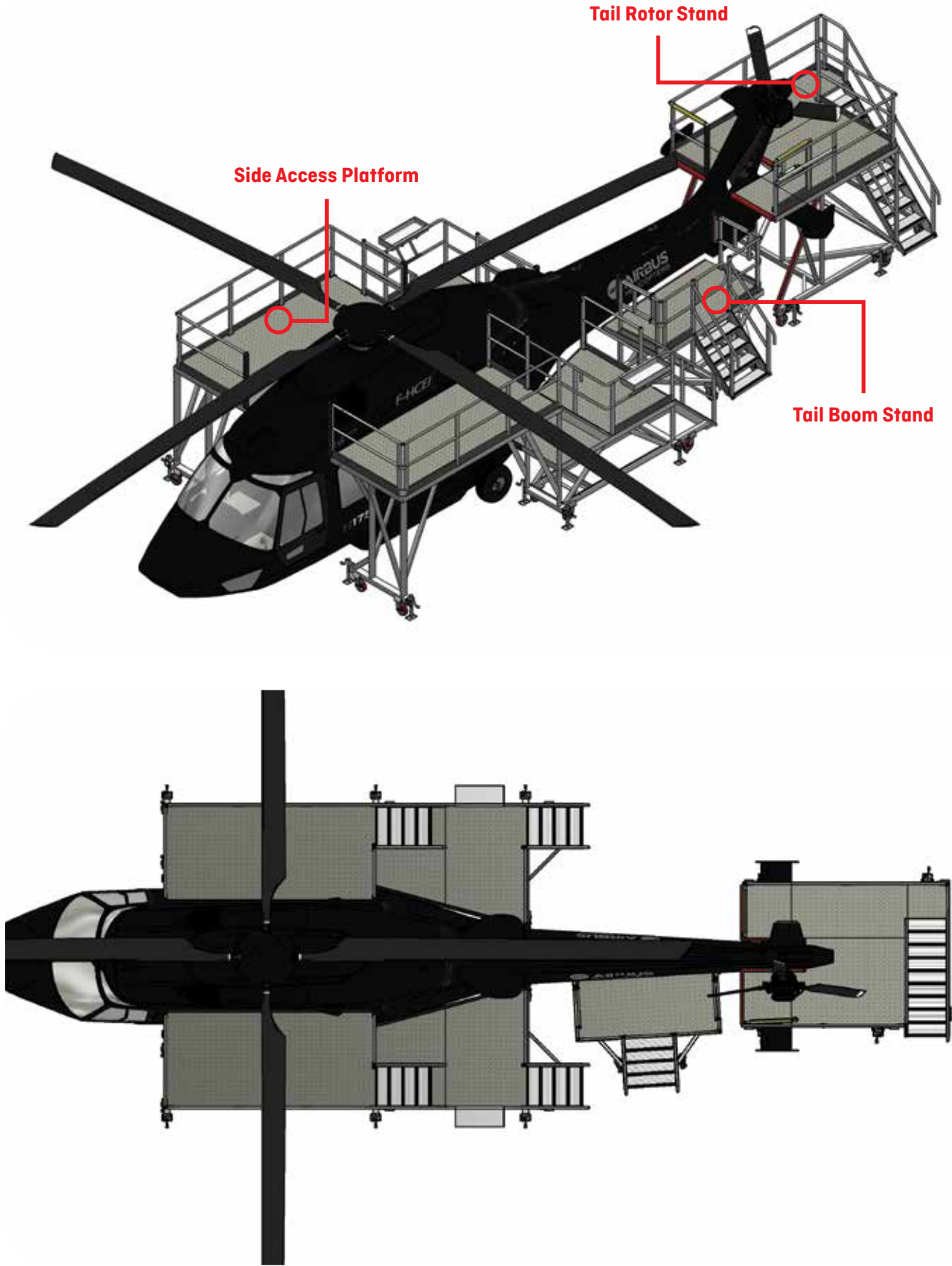


Side Access Platforms

- > Ideal for heavy maintenance, where extra room is required.
- > Dual height provides access to the main rotor and engine area.
- > Stair access allows the user to carry tools to/from the work area.

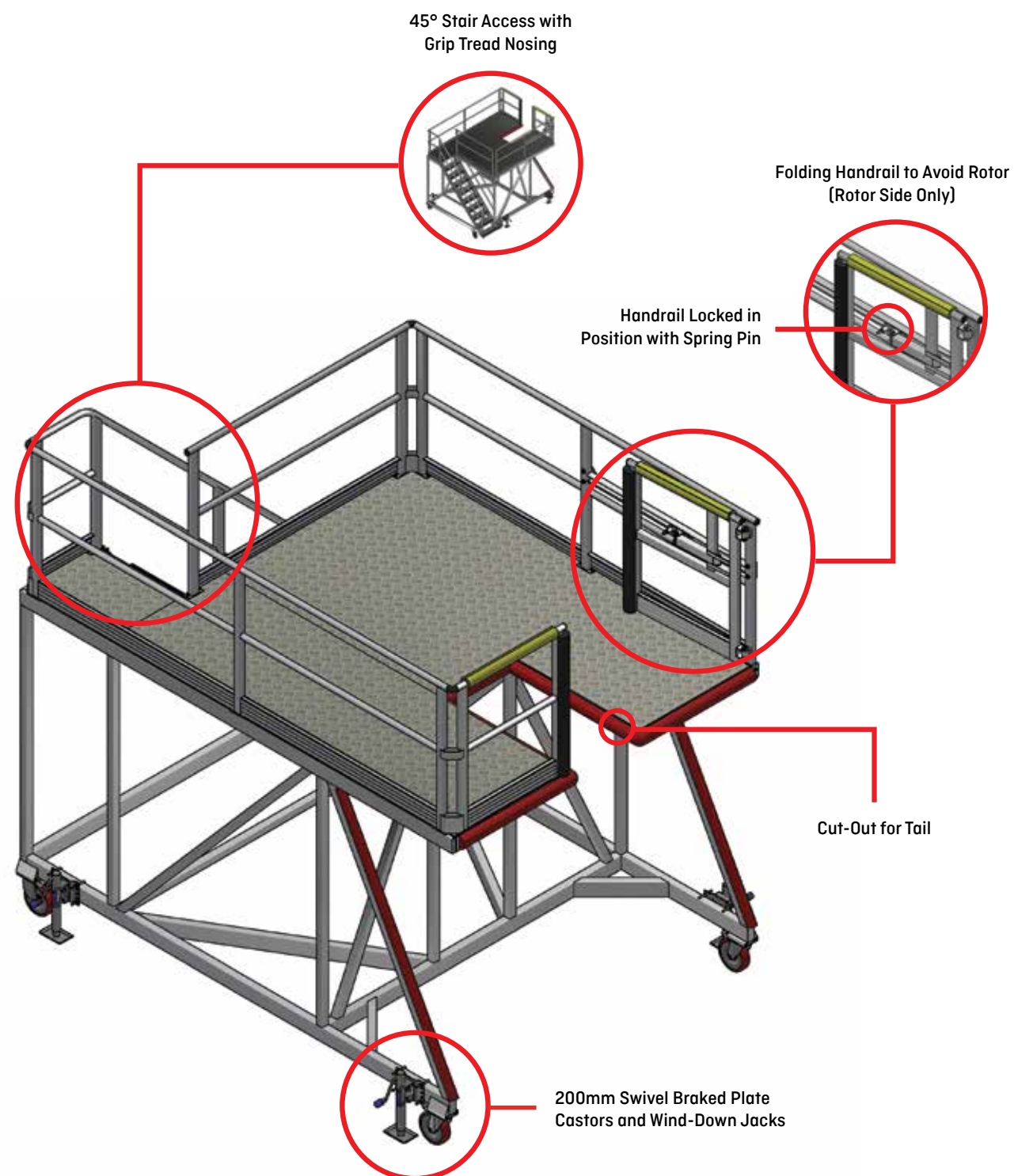


Platform Set

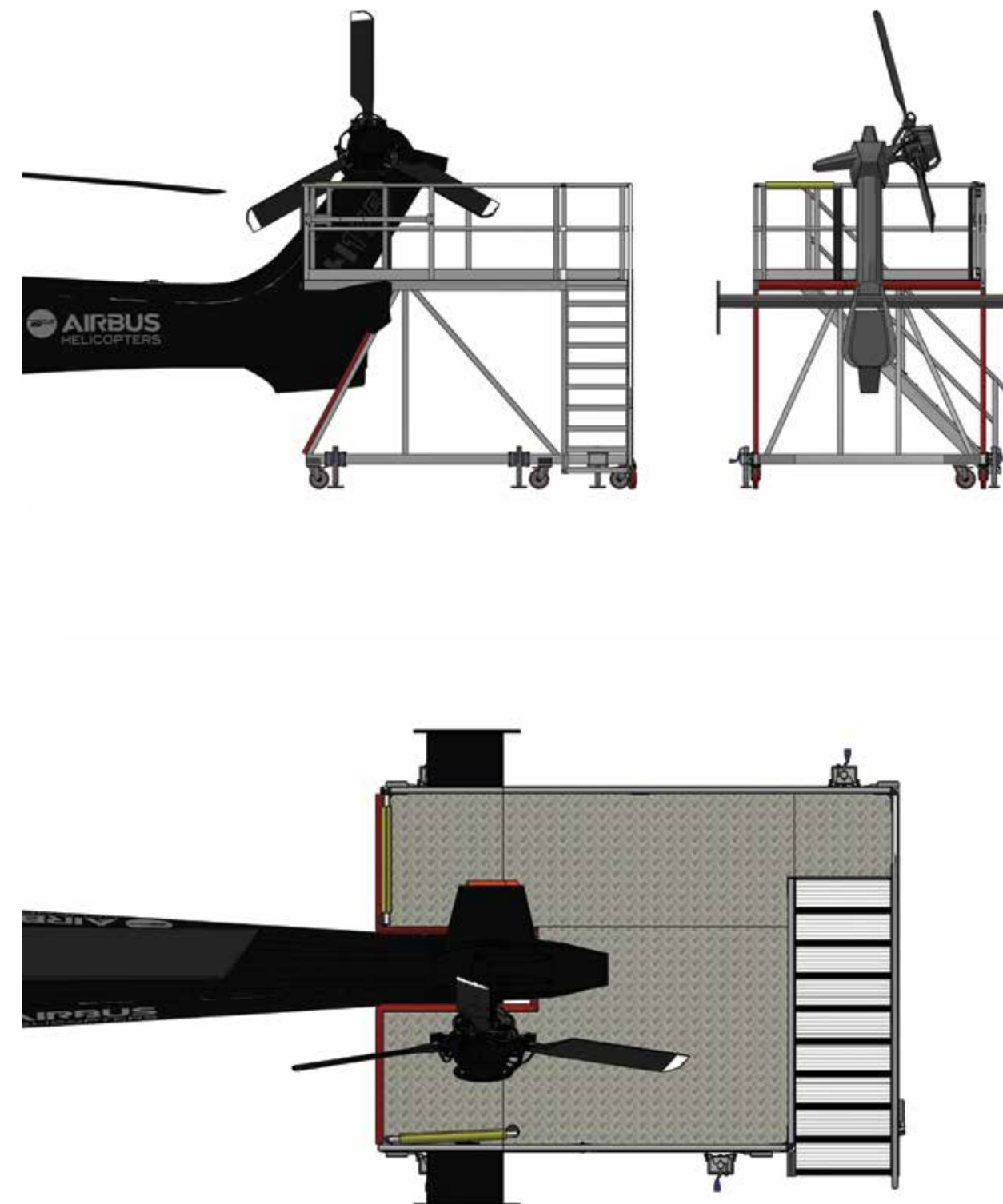


Tail Access Platform

- › Designed to provide complete access to the tail and tail rotor for routine checks and maintenance.
- › Handrails telescope outward on the leading edge to allow the docking to rest against the helicopter without any risk of collision. They then close any gap to the aircraft, eliminating fall risks.
- › Stair access allows users to carry necessary tools and parts to and from the platform deck.

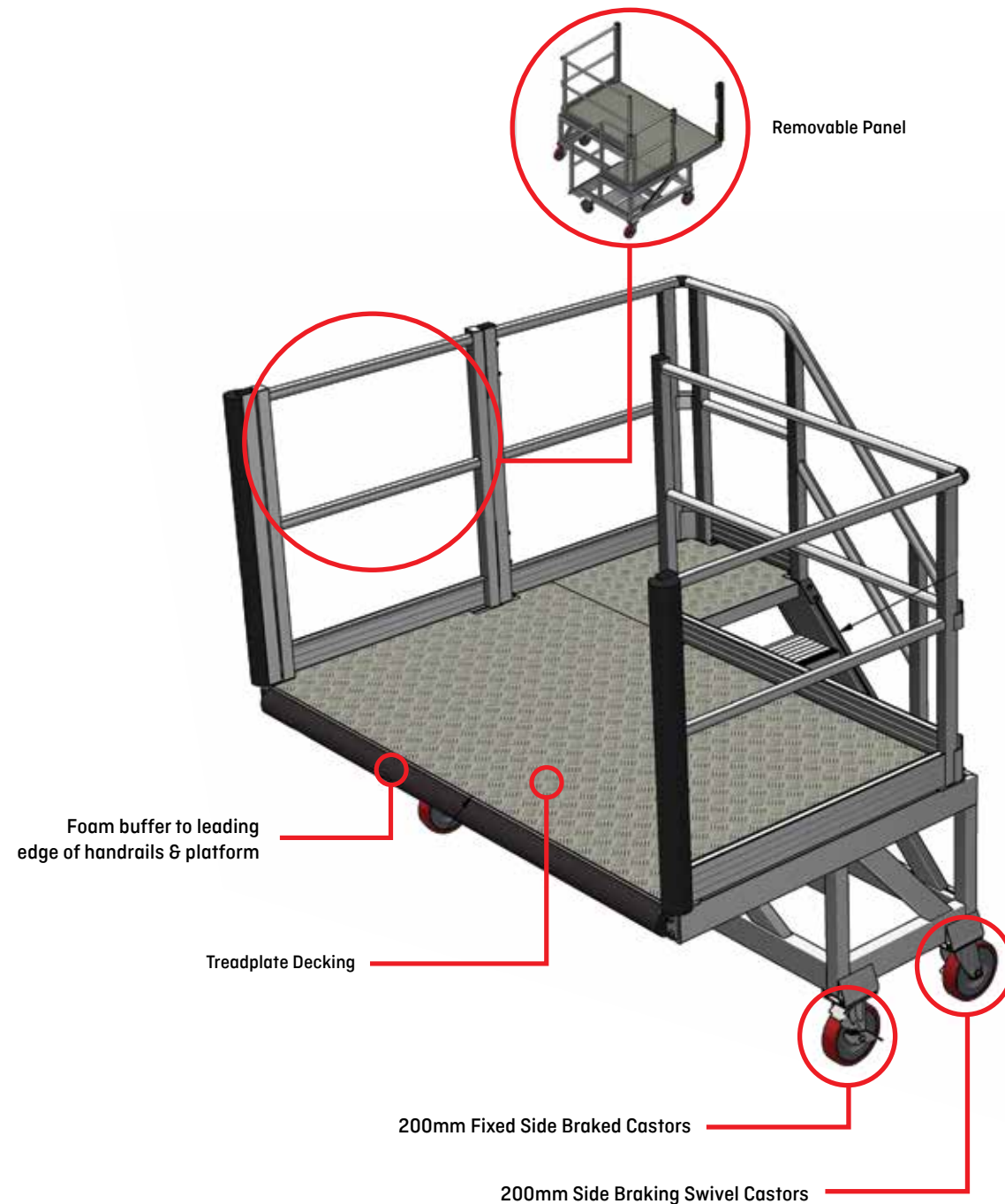


Tail Access Platform



Flight Line Stand - Low Version

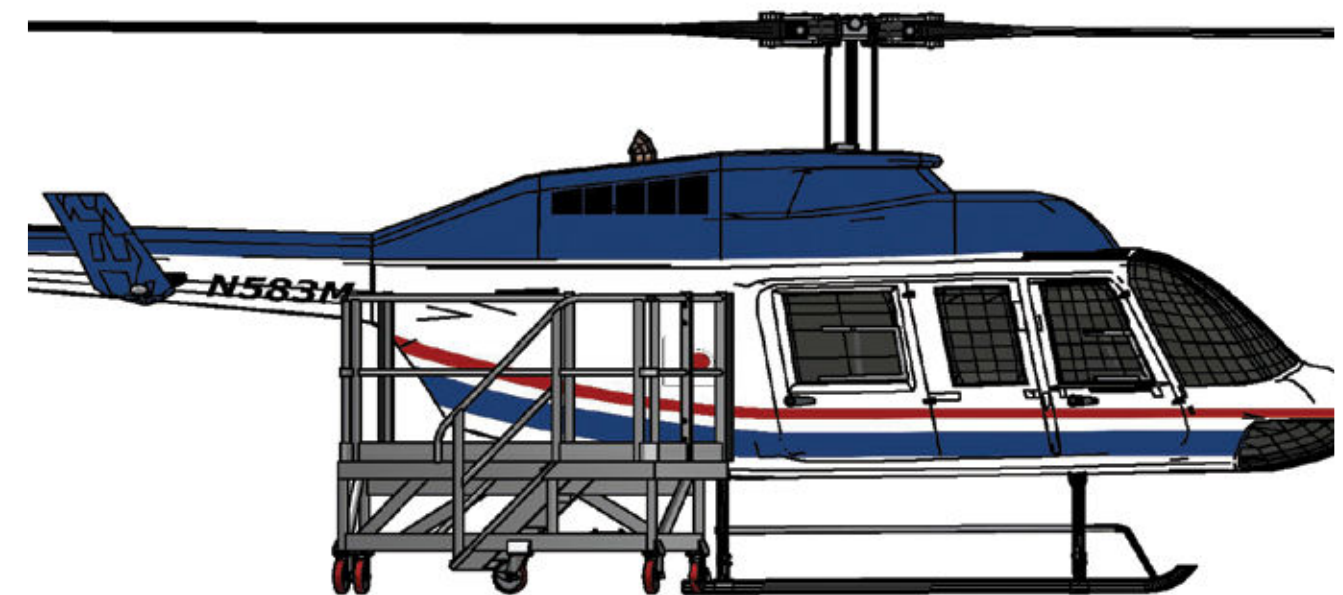
- > Compact but spacious stand provides access to the engine bay area for both line maintenance and heavier checks.
- > Mobile on wheels allowing easy placement against the aircraft, and storage.
- > Large cantilever, keeps the platform clear of the Helicopter skids and get the user right into the work space.
- > Removable guardrail section allows loading/unloading of parts and tools required for maintenance tasks.



Flight Line Stand - Low Version

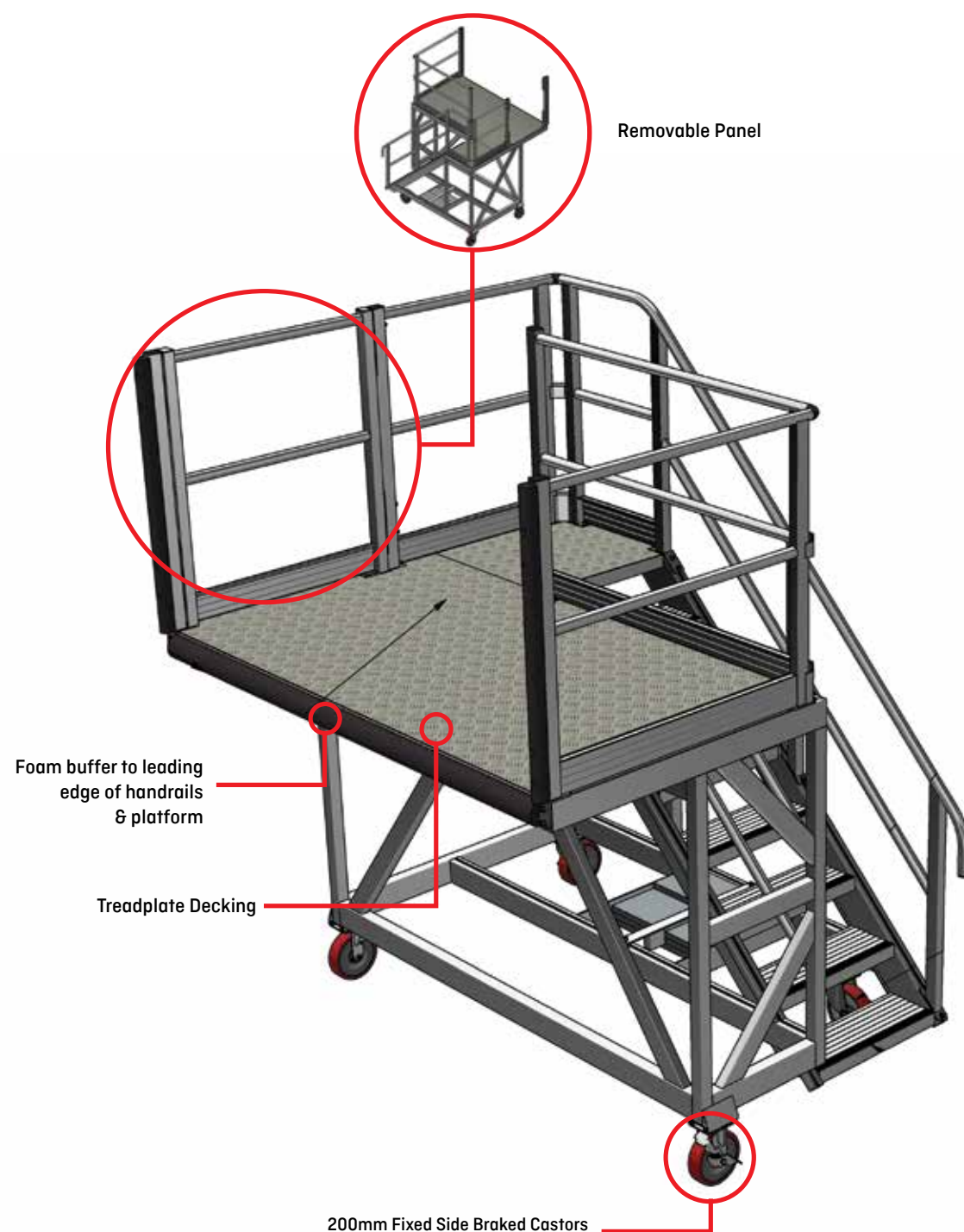


Note: Stand shown on Bell 206 LongRanger



Flight Line Stand - High Version

- › Compact but spacious stand provides access to the engine bay area for both line maintenance and heavier checks.
- › Mobile on wheels allowing easy placement against the aircraft, and storage.
- › Large cantilever, keeps the platform clear of the Helicopter skids and get the user right into the work space.
- › Removable guardrail section allows loading/unloading of parts and tools required for maintenance tasks.



Flight Line Stand - High Version



Note: Stand shown on Bell 206 LongRanger

Shown on **H125**

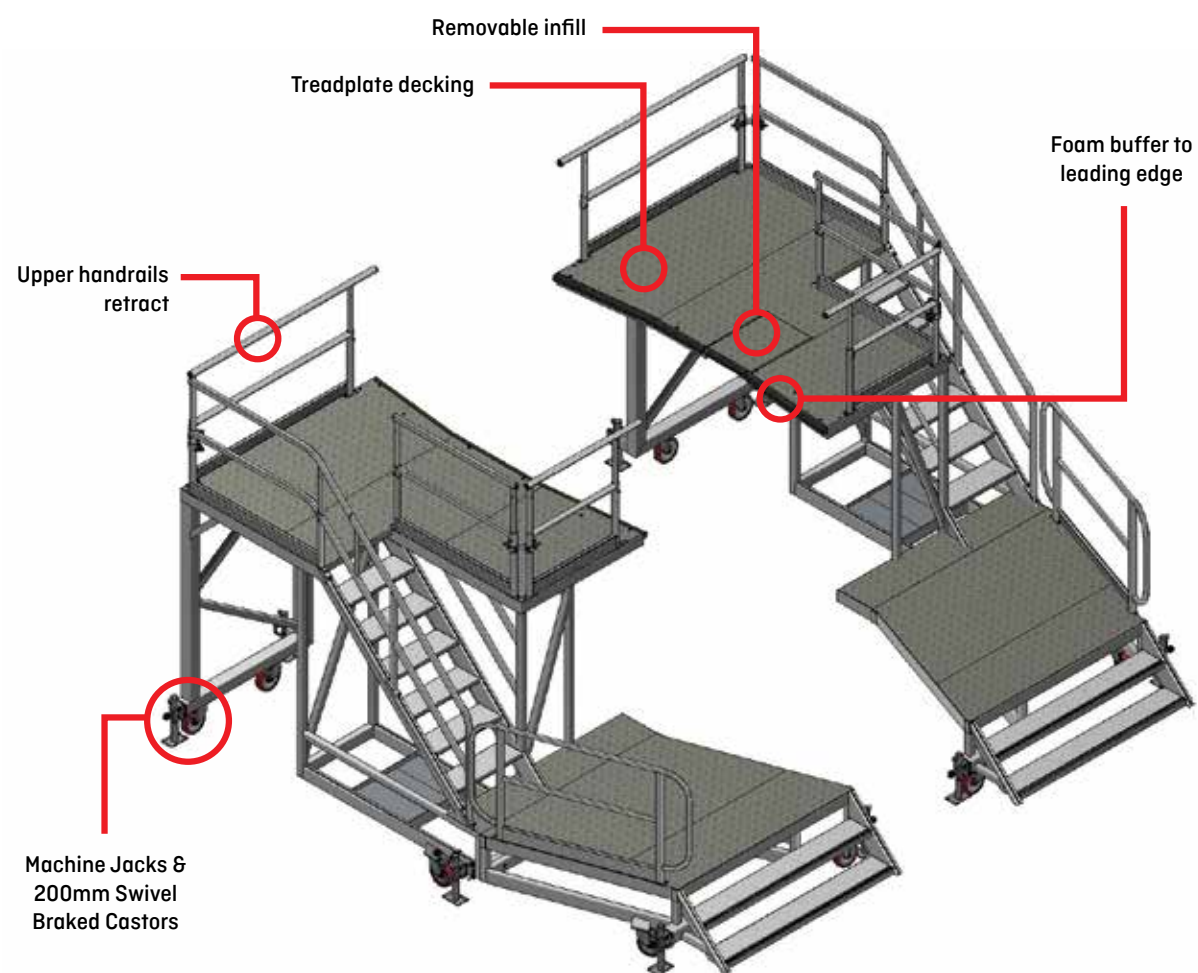


Shown on **H145**

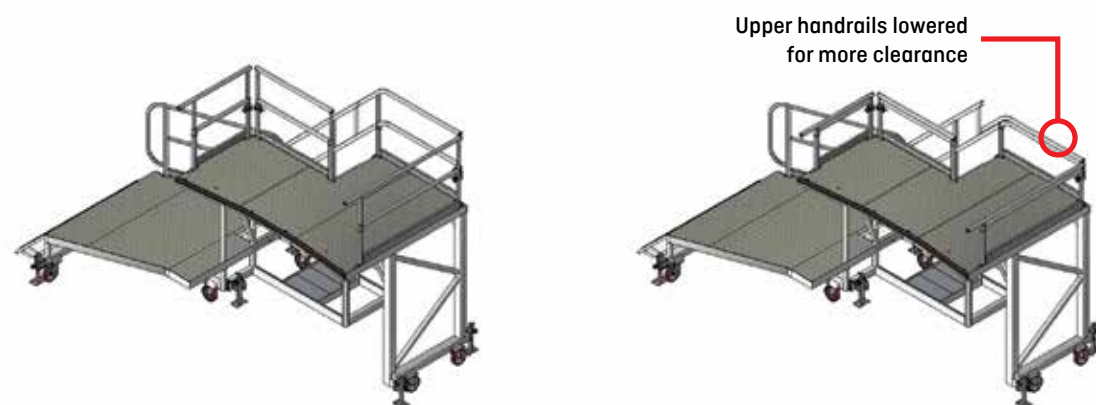


Dual-Level Side Platform

- › Platforms are designed specifically for the Bell 212 aircraft.
- › Upper handrails can be lowered for more clearance.
- › Platform also available for aircraft on DART ultra high skids.



Retractable Guardrails



Dual-Level Side Platform



Side Access Platforms

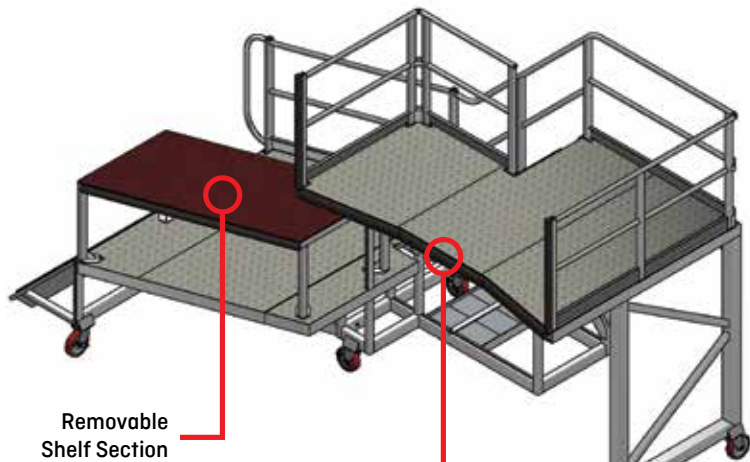
› A dual-level platform suitable for accessing rotors and maintenance point panels on the lower rear of the aircraft.

Features:

- › Side platforms developed for most helicopters.
- › Platform also has a cantilever to allow skid floats.
- › Lightweight & easy to manoeuvre into position with a single person.
- › Easy roll castors are suitable for most helicopter maintenance areas.
- › Fully handrailed and fully compliant.



Can be designed for any model of Bell Helicopter

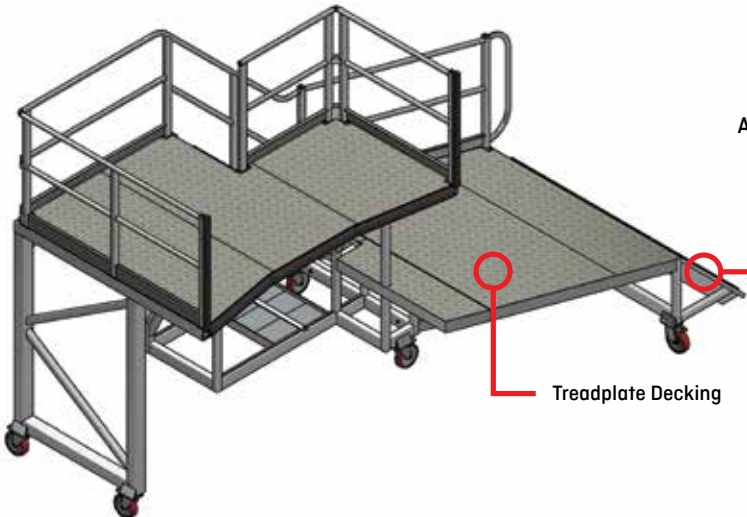


Removable Shelf Section

EVA Foam Buffer to Leading Edges



200mm Swivel Side Braking Castors



Anti-slip Nosing to Stair Treads

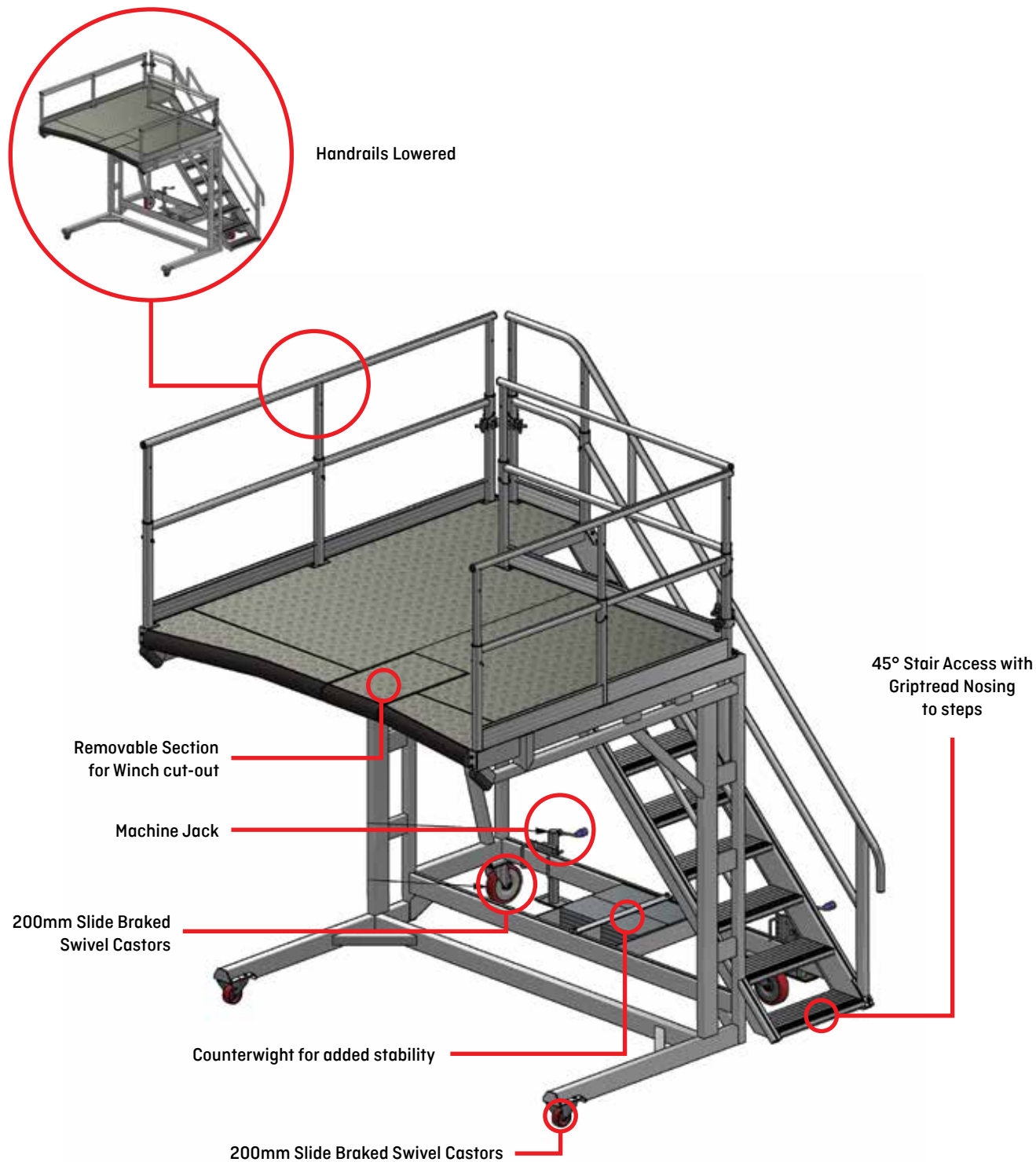
Treadplate Decking

Side Access Platforms

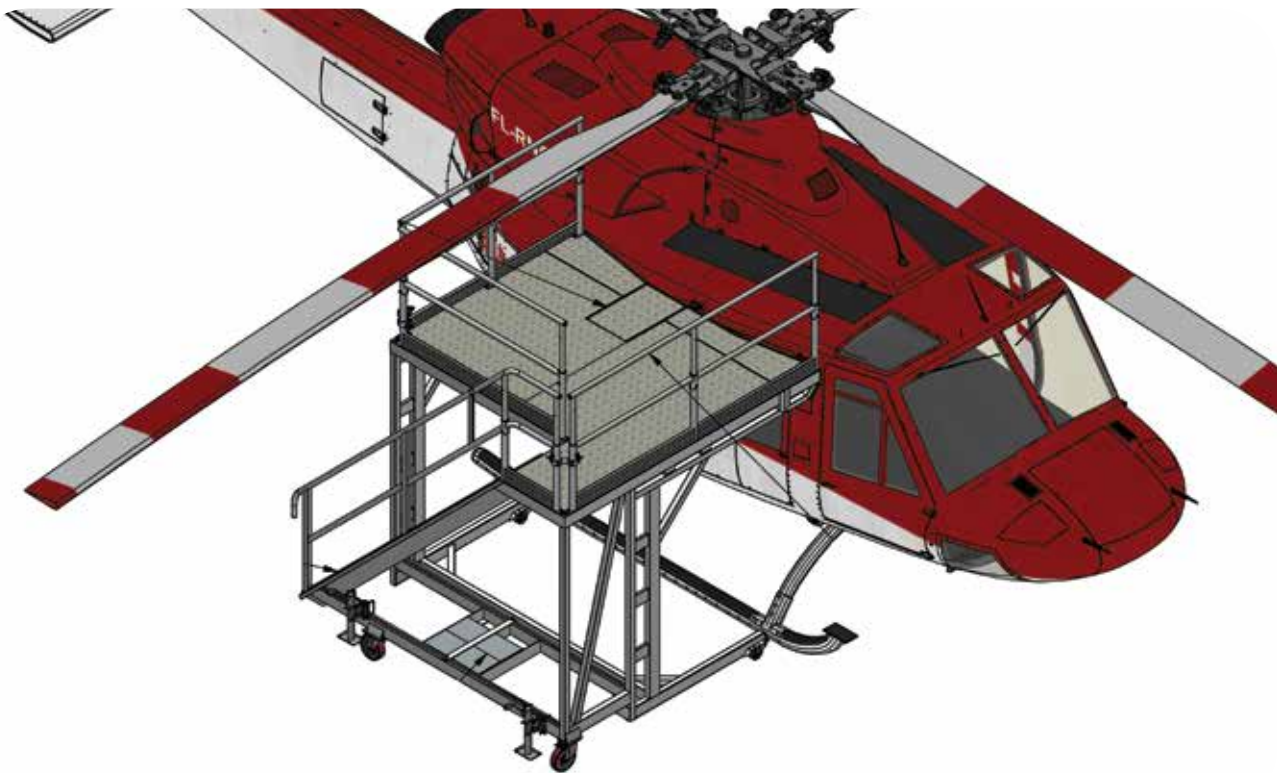


Flight Line Stand

- > Large cantilever to access aircraft when on a dolly.
- > Low supported cantilever structure.

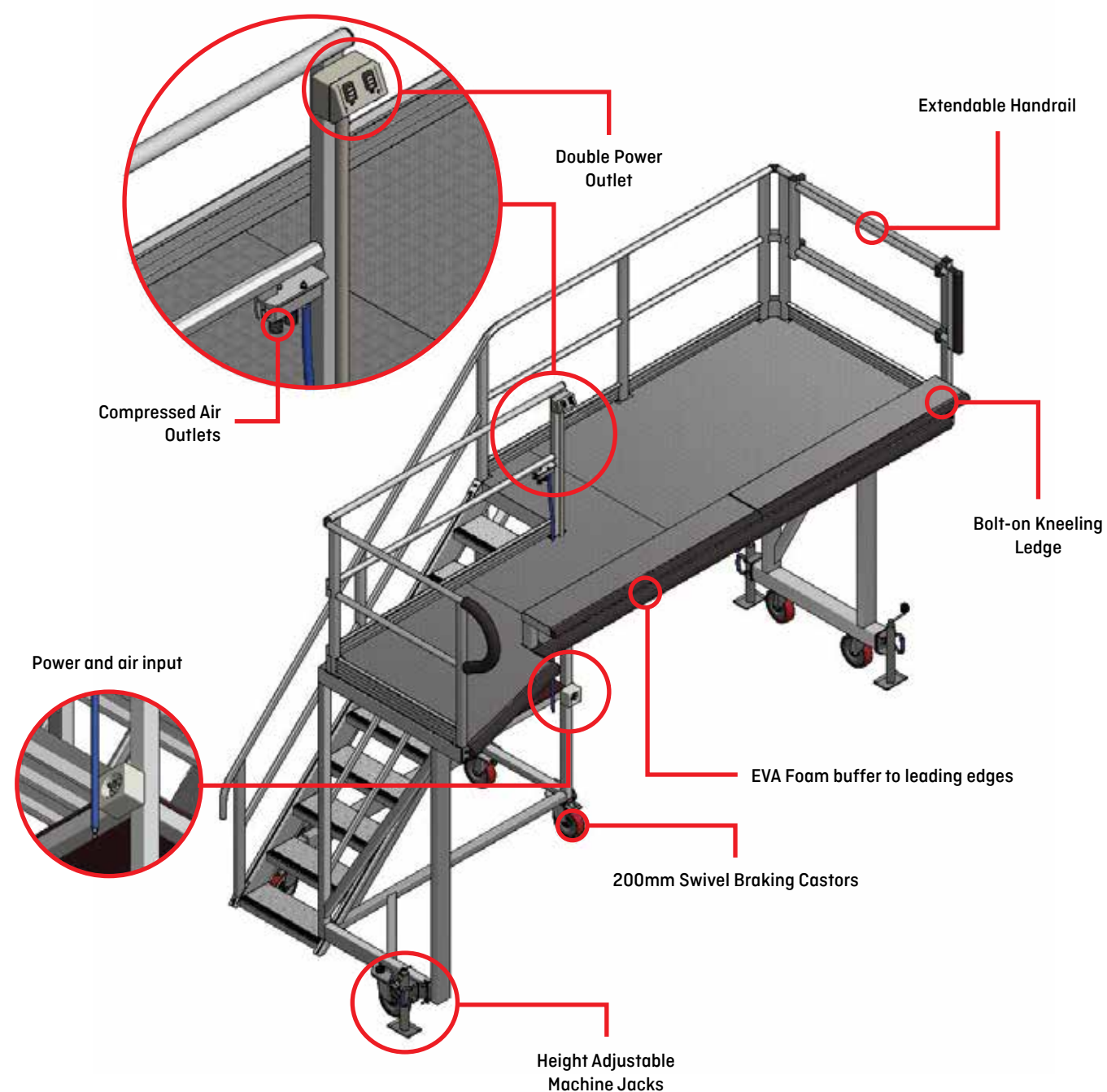


Flight Line Stand

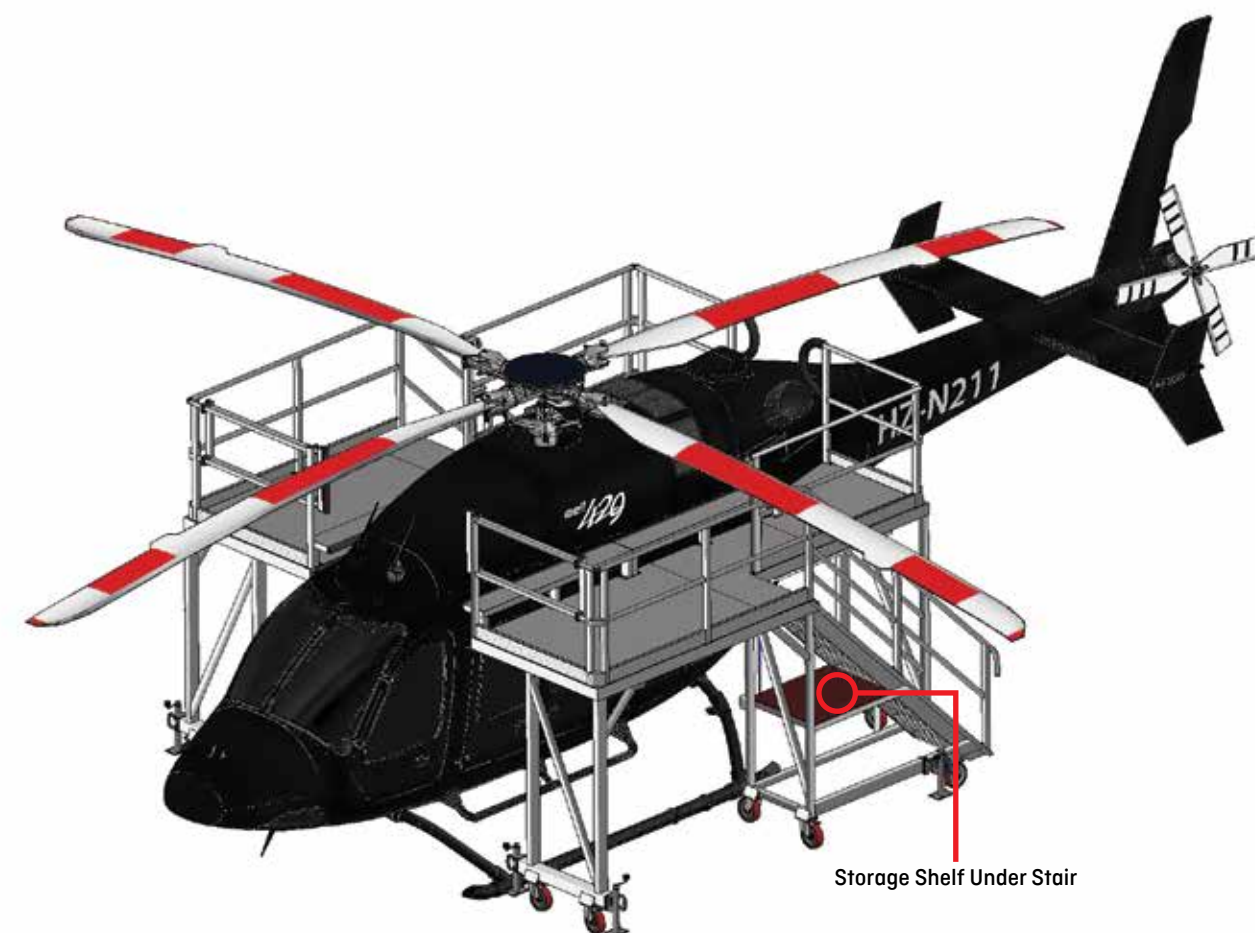


Slimline Side Access Platform

- › Full surround platform for rotor access.
- › 45° stairs for safer and more efficient access.
- › Seperate tail rotor stand.
- › Padded contact points to eliminate contact damage to helicopter.
- › Cantilever allows close access to work area.
- › Full surround toeboard for tool drop protection.

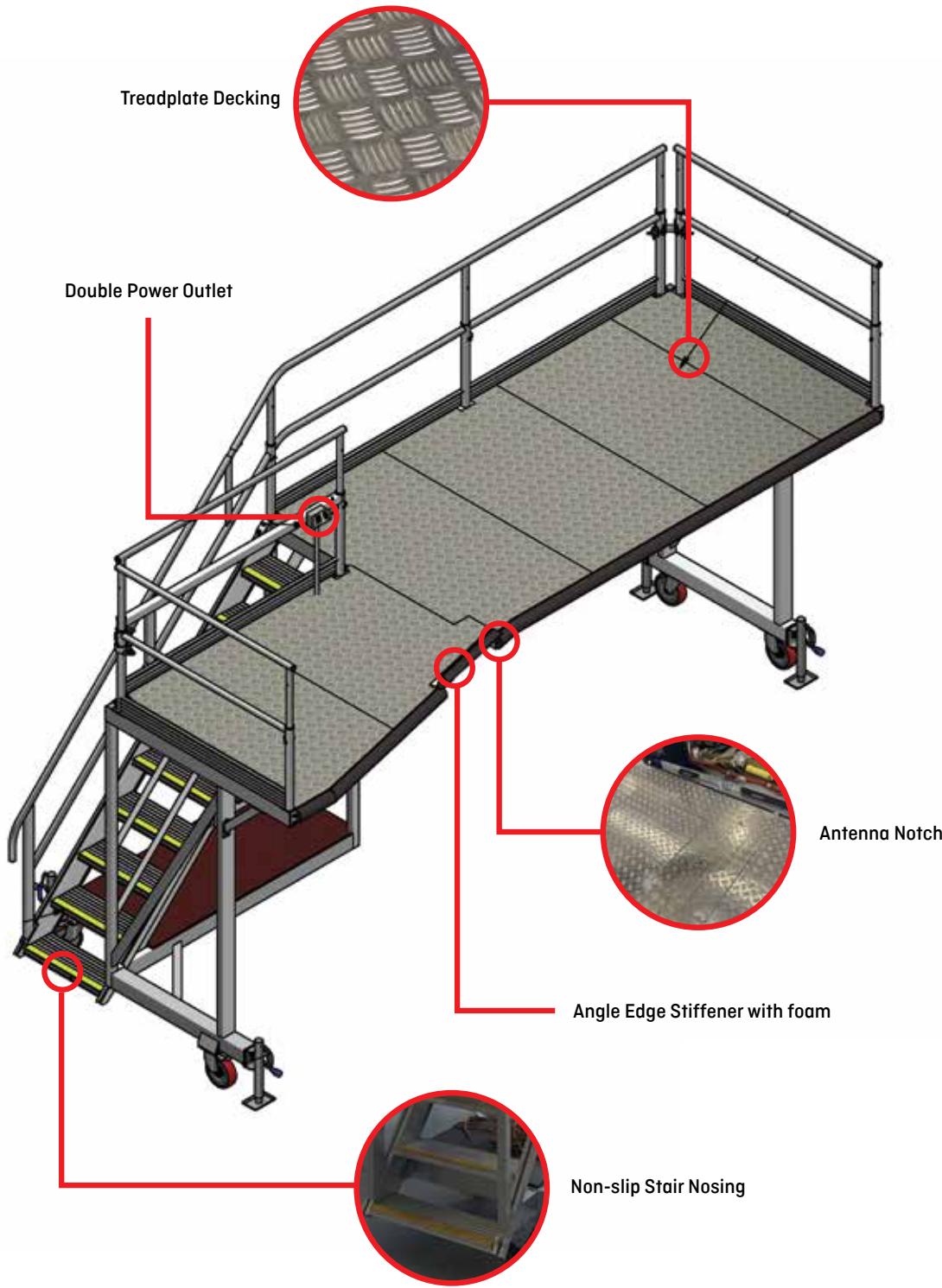


Slimline Side Access Platform



Wide Series Side Access Platform

- › Standard platform length to cater for access right to the tail boom.
- › Optional underside lighting.
- › Optional power and air to top platform.
- › Large notched winch cut-out.
- › Telescopic guardrails to avoid blade clash.

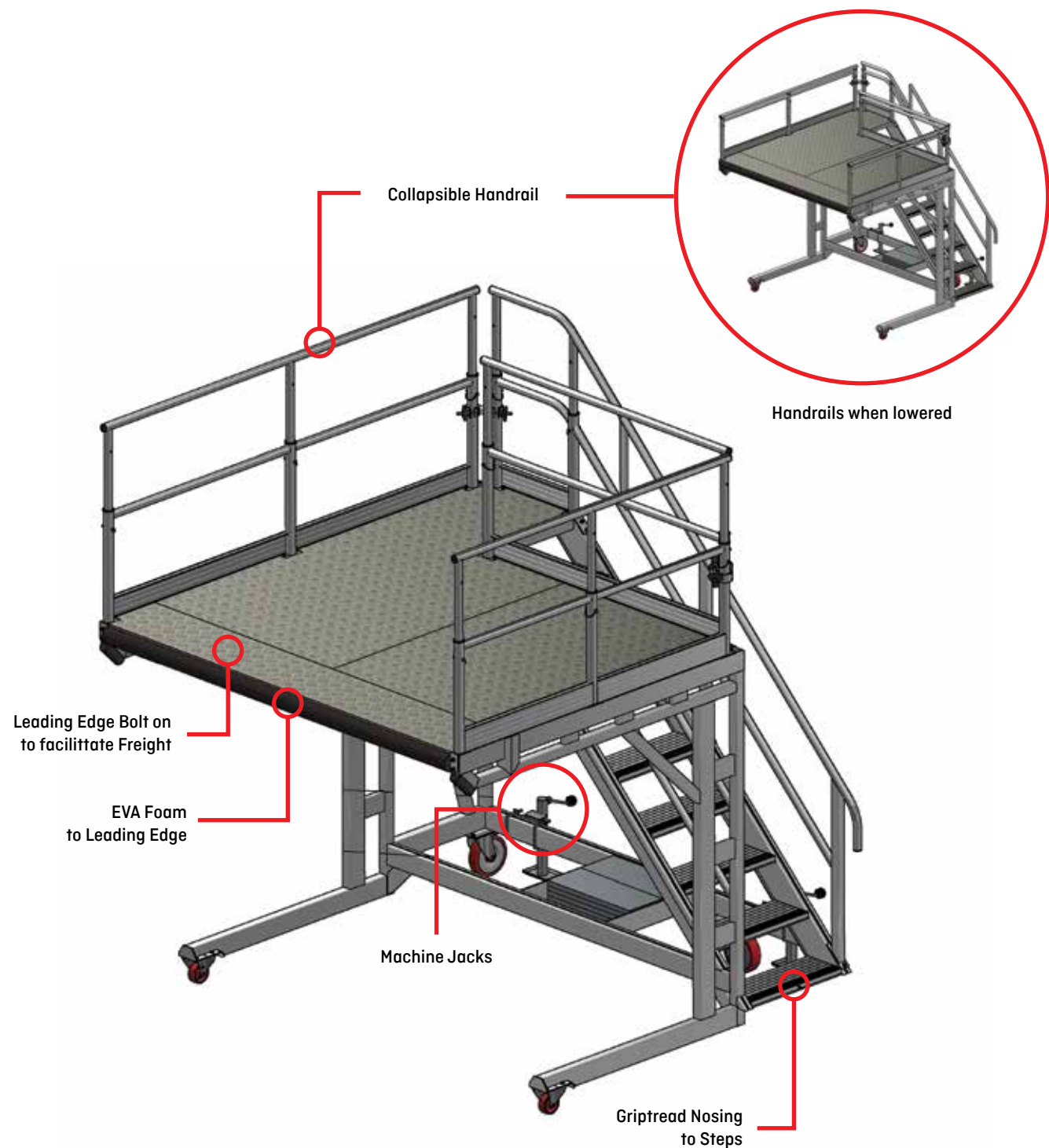


Wide Series Side Access Platform



Flight Line Stand

- > Extended cantilever to access over dolly when aircraft is on dolly.
- > Slide-in winch cut-out section.
- > Telescoping handrails to avoid blade clash.

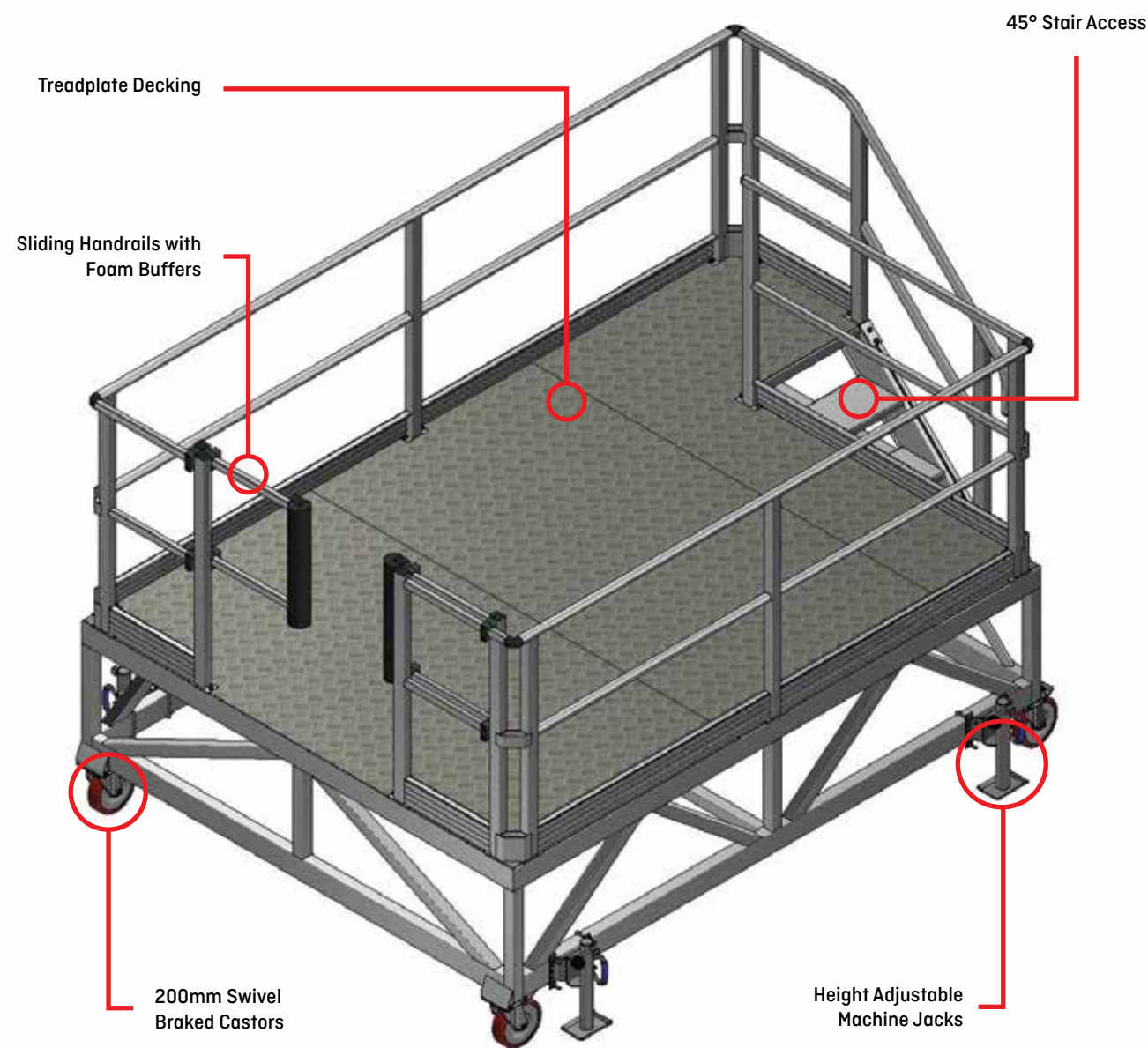


Flight Line Stand



Tail Access Platforms

- › Full surround platform for tail rotor access.
- › Wide platform for tool storage.
- › 45° stairs for faster, safer, and more efficient access.
- › Seperate tail rotor stand.
- › Padded contact points to eliminate contact damage to helicopter.
- › Cantilever allows close access to work area.
- › Full surround toeboard for tool drop protection.

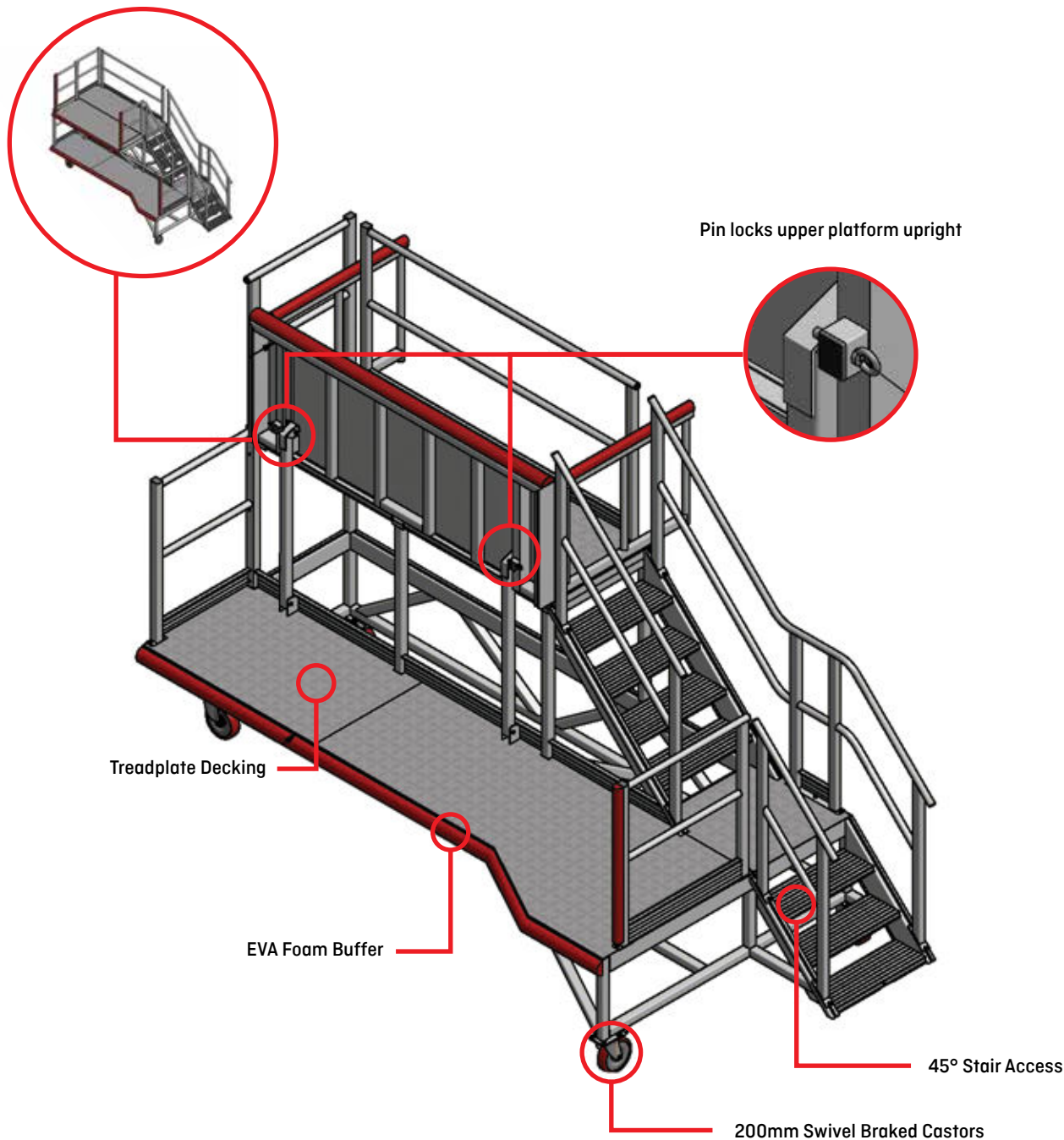


Tail Access Platforms



Configurable Side Access Platform

- > A twin-mirrored system that is easily wheeled by hand up to the aircraft, with dual-level access to junction to fuselage and tail or top engine bay.
- > Flip-up upper platform allows the operators to stand at dual levels.
- > Trussed frame design for optimum strength.



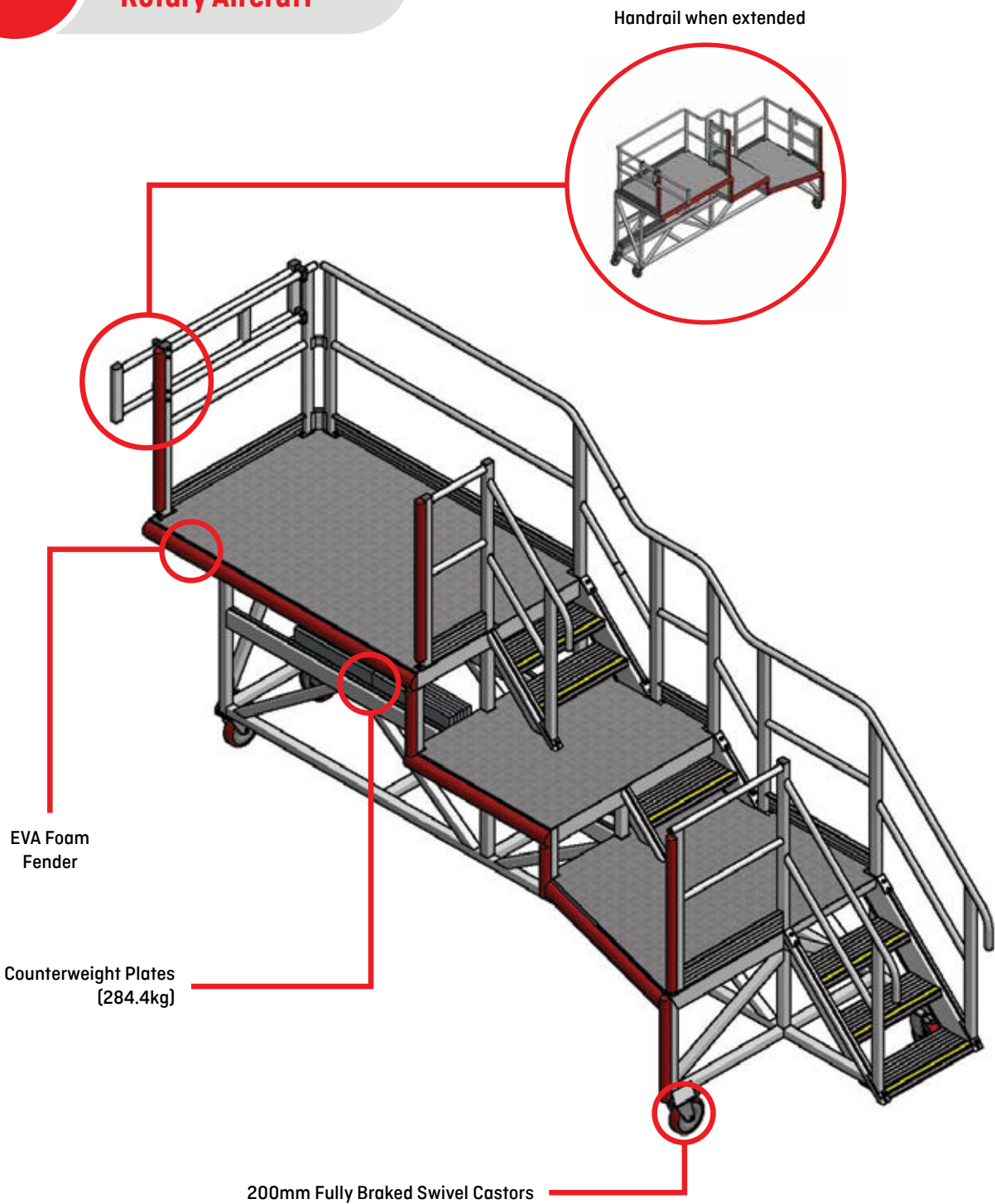
Configurable Side Access Platform



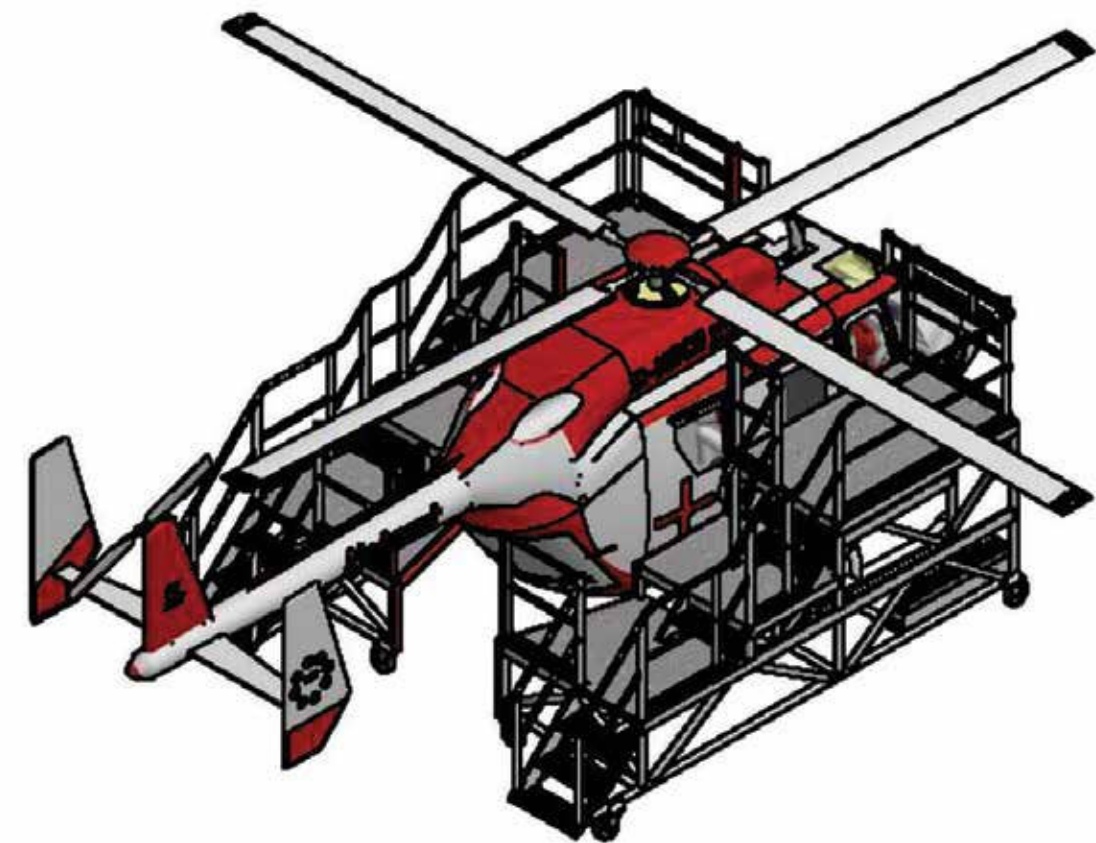
Triple-level Side Access Platform

> Triple-level access for maintenance tasks around the engine bay, body, and lower rear of the fuselage.

✈ Can be designed for any similar Rotary Aircraft

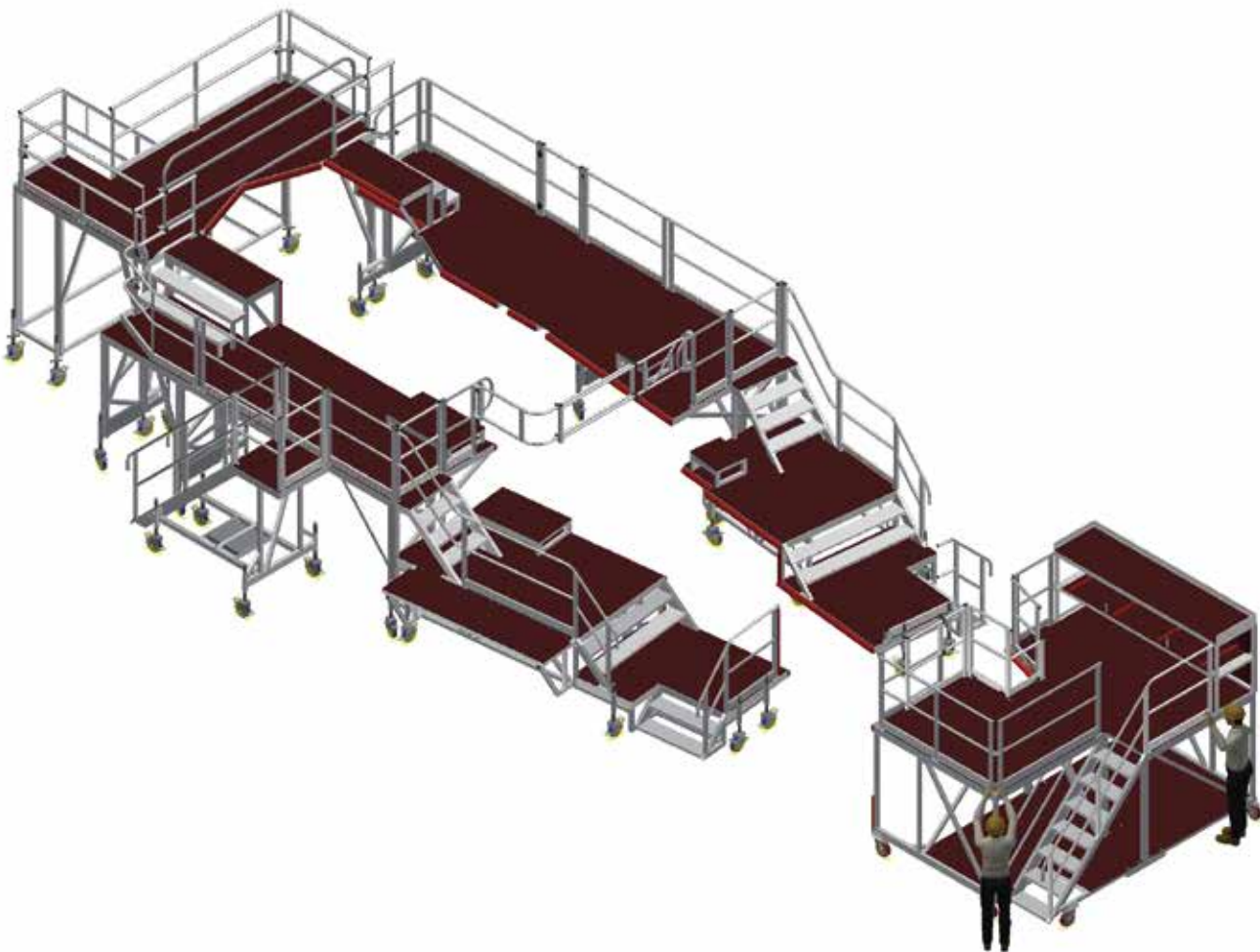


Triple-level Side Access Platform



Docking System

- > Full surround platforms for heavy maintenance on aircraft.
- > Platforms are re-configurable for different maintenance programs.

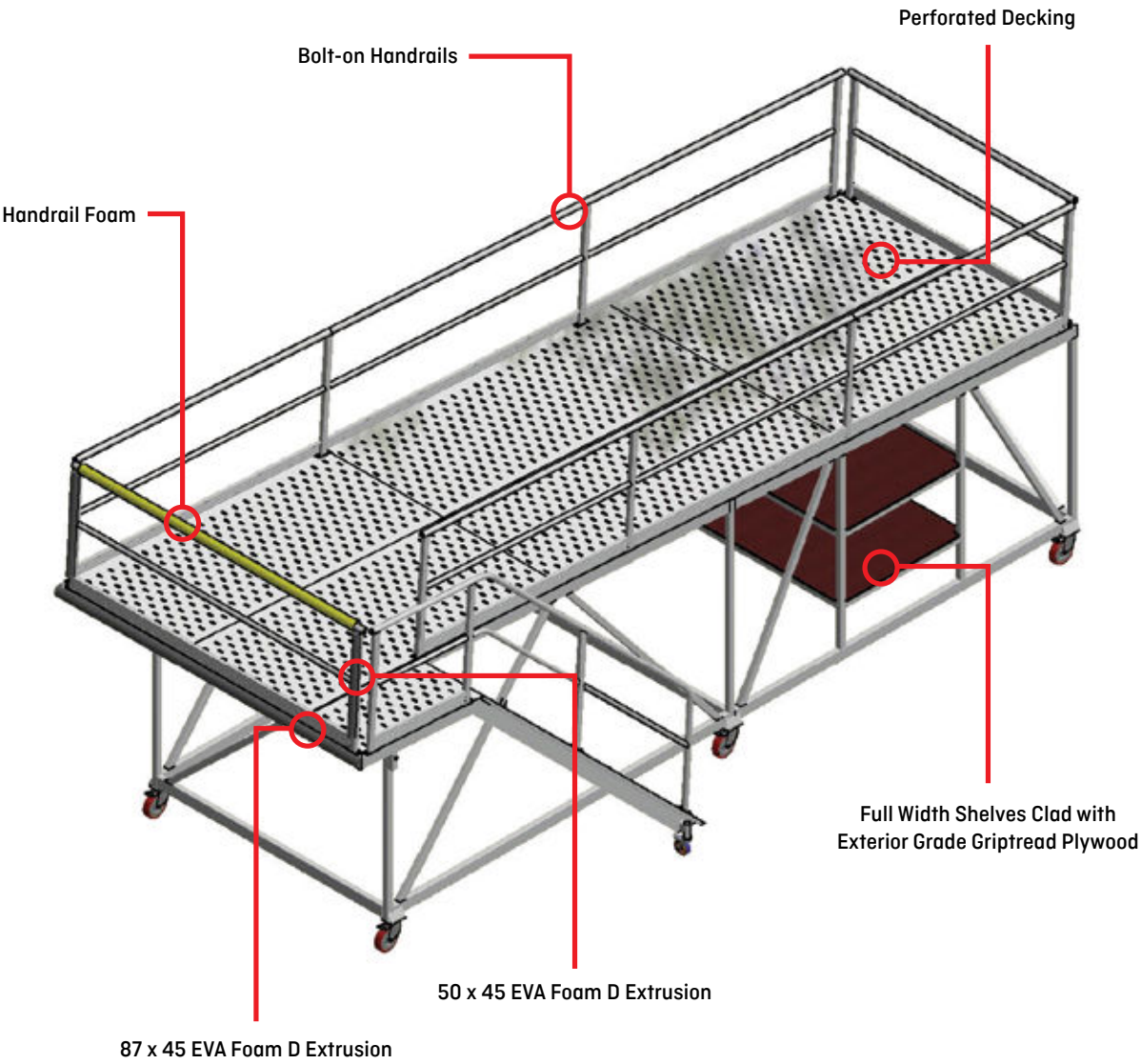


Docking System



Blade Wash Platform

- > Large working deck allows ample room to complete the task.
- > Aggressive raised, swaged, perforated decking provides superior grip in wet or greasy conditions.
- > Includes shelves for the storage of equipment required for cleaning underneath the stand, creating efficiency in set up and set down for the task.

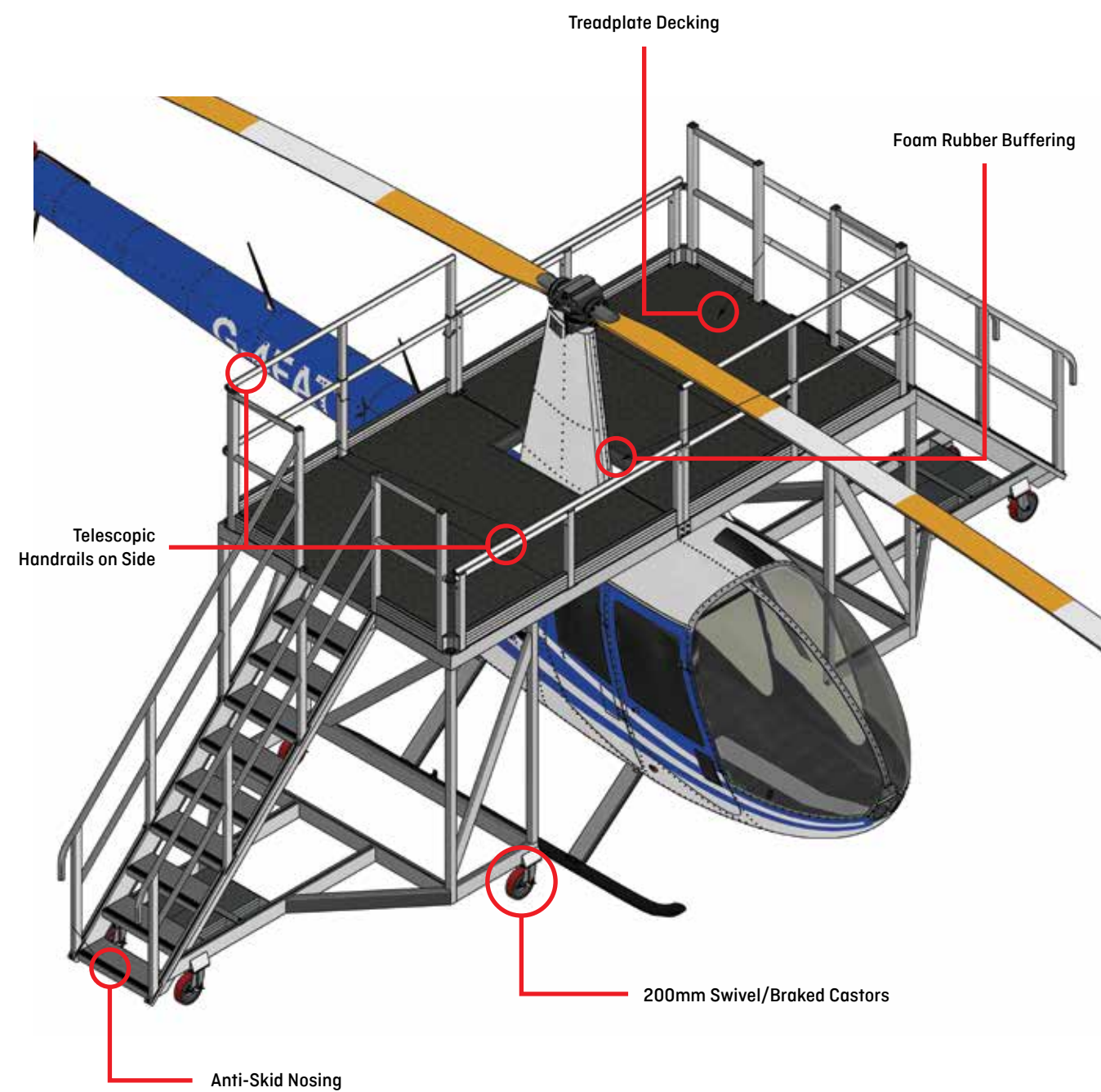


Blade Wash Platform



Main Rotor Head Platform Set

- > Large working deck for heavy maintenance tasks.
- > Available with either ladder access or stair access based on the space constraints of the hangar operation.
- > Includes cantilever and counterweights as required to clear the Helicopter skids.



Main Rotor Head Platform Set



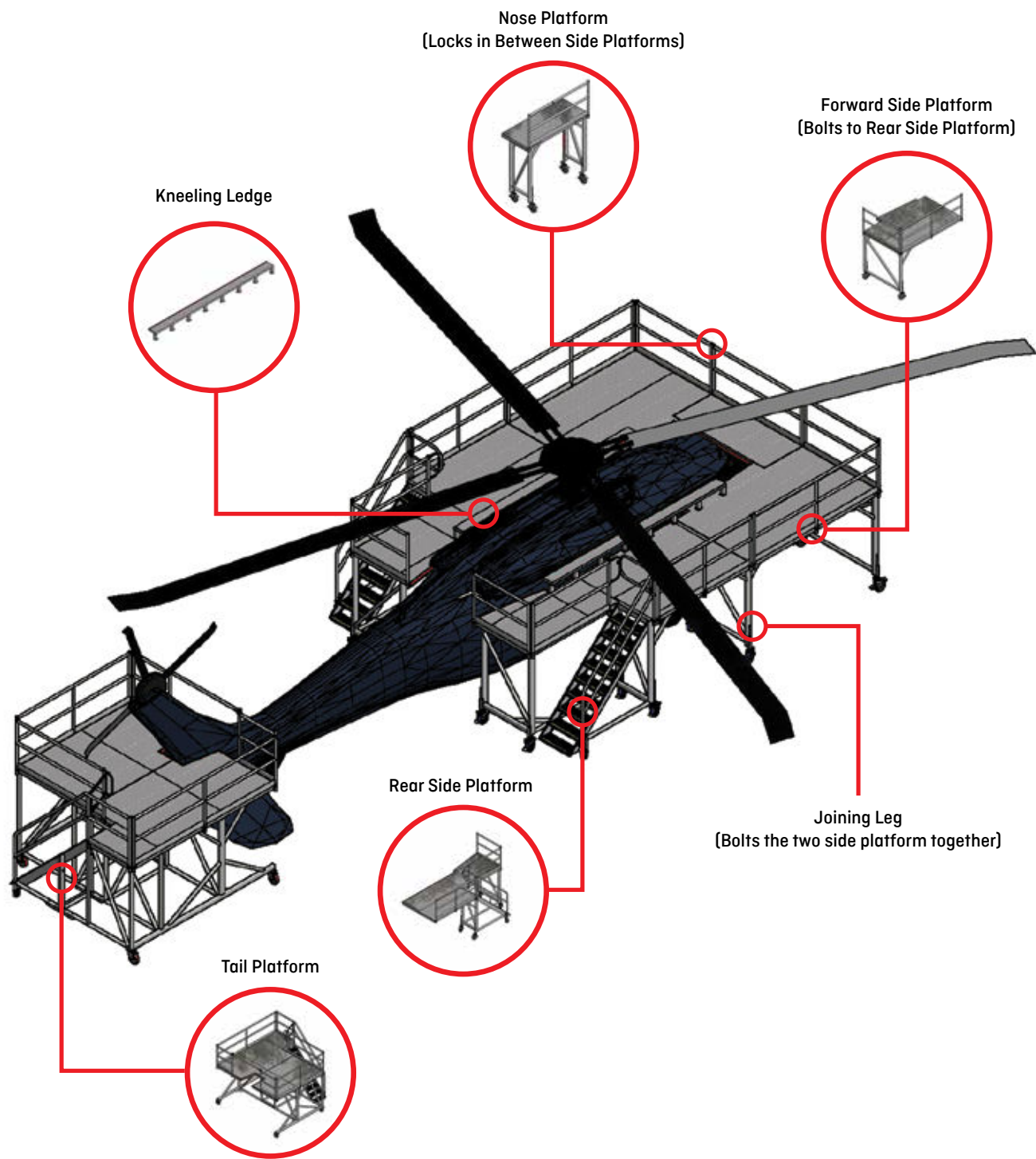
70° Access Version Available



Maintenance Docking Set

Originally custom designed for the US Army’s Black Hawk during refurbishment. Also applicable for all variant such as the Seahawk, Pave Hawk, Battle Hawk, Desert Hawk and others. Side, top, engine bay and tail access.

- › Full surround platforms for heavy maintenance on aircraft.
- › Platform are re-configurable for different maintenance programs.

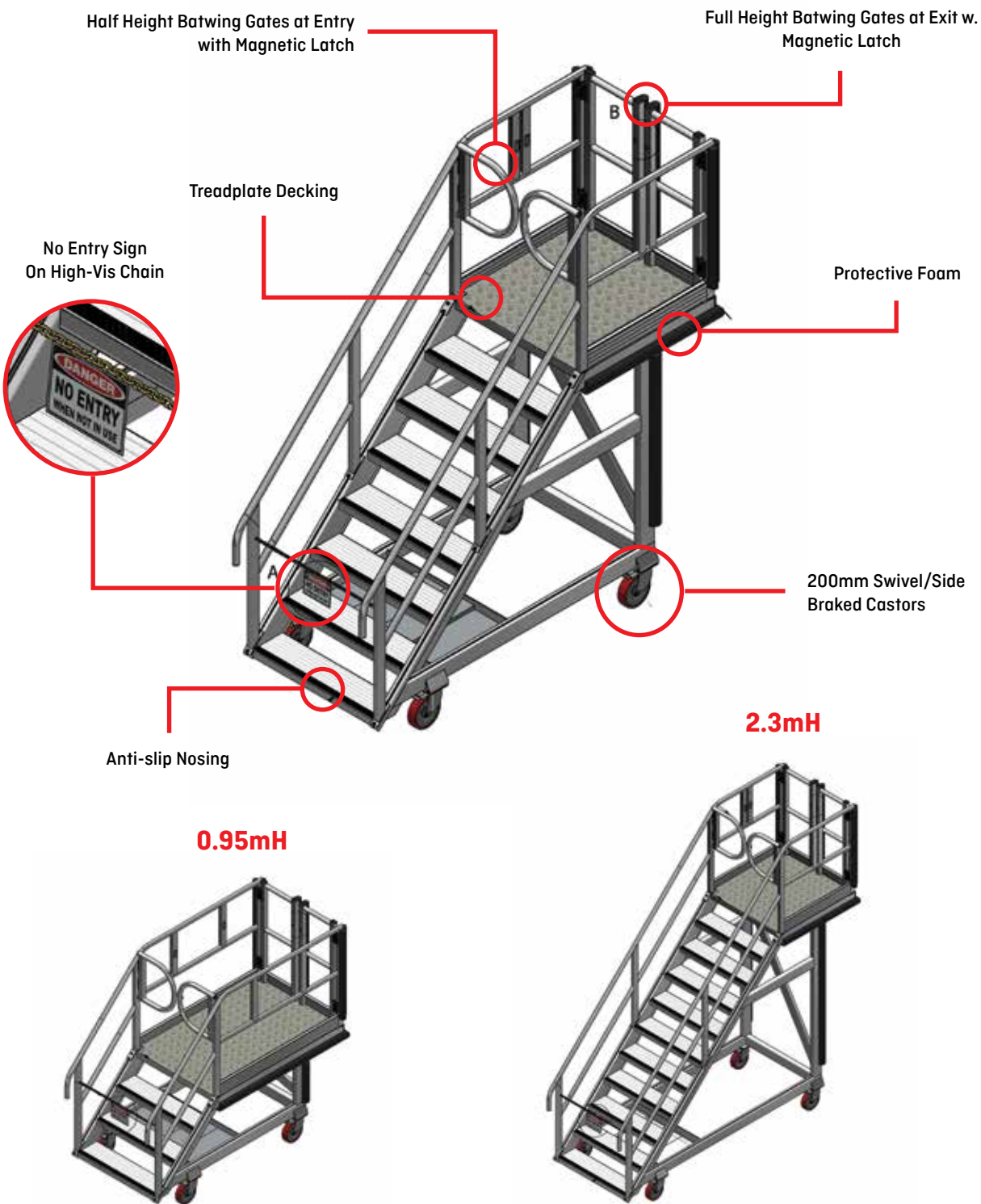


Maintenance Docking Set



General Purpose Stand

- > Suitable for various flight line maintenance applications.
- > Suits all helicopter models.
- > Available in 3 different platform heights; 0.95m, 1.7m, 2.3m.



General Purpose Stand

0.95mH on H135



1.7mH on H135



2.3mH on H135





A Better Way



Global Locations

Oceania | United Kingdom | EMEA | Americas