



*Height Access Solutions for  
Fixed-Wing & Rotary aircraft*

EDITION 3

## **GLOBAL LOCATIONS**

**Oceania | United Kingdom | EMEA | Americas**

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& Cleveland

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+1 866 635 8818



**Chile**

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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.



# WHO WE *SERVE*

**AIRBUS**

**dnata**

**BOEING**

**WESTJET**

**BOMBARDIER**

**NAVY**  
TĒTAUA MOANA O AOTEAROA

**babcock**

**BAE SYSTEMS**

**SIKORSKY**  
A LOCKHEED MARTIN COMPANY

**CATHAY PACIFIC**

**swissport**

**UNITED**

**CHC**

**THC**

**ROYAL  
AIR FORCE**

**Emirates**

**BELL**

**U.S. AIR FORCE**

# 5 STEPS TO SUCCESS THE SAFESMART JOURNEY

## 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**

**FIND US ONLINE | SAFESMARTAVIATION.COM**

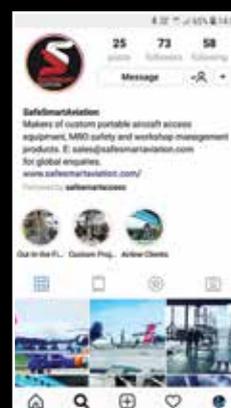
**FROM ANYWHERE IN THE WORLD**

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 **www.safesmartaviation.com**

## **INSTAGRAM AND LINKEDIN**

Join the conversation or see our projects as they happen.





## SECTION 01 STOCKED PRODUCTS



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# CHOCK AND 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.





# 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	



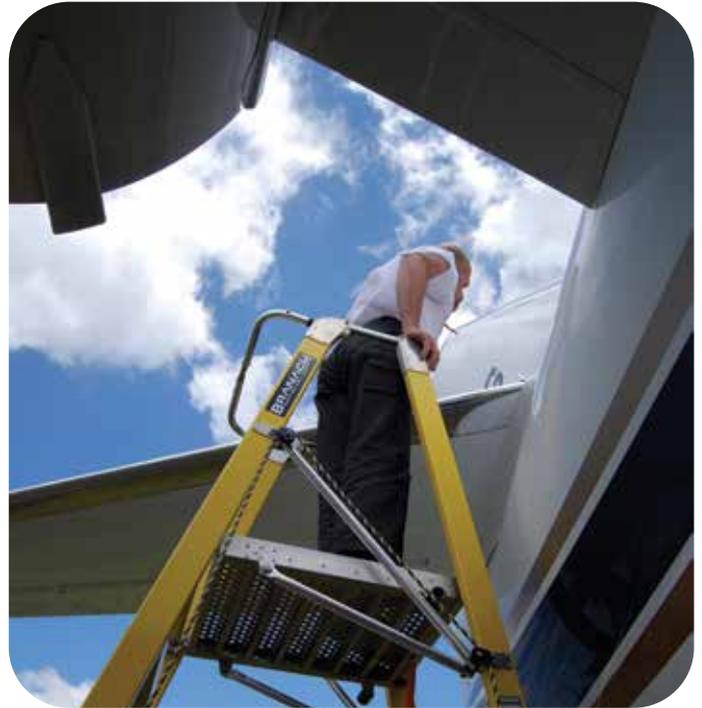
- › 450 x 450mm platform area for ample workspace.
- › Backed by a 10 year manufacturers warranty.
- › Fully welded box-section aluminium frame.
- › Engineered to resist twisting, unlike standard platform ladders.
- › Platform kick board prevents slips and spills.
- › Large, comfortable platform and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





# 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**  
SWL

Electrically  
**SAFE**



ANTI-SLIP  
WORK PLATFORM



OPTIONAL  
FULL SURROUND  
SAFETY BAR  
FOR ADDED SAFETY



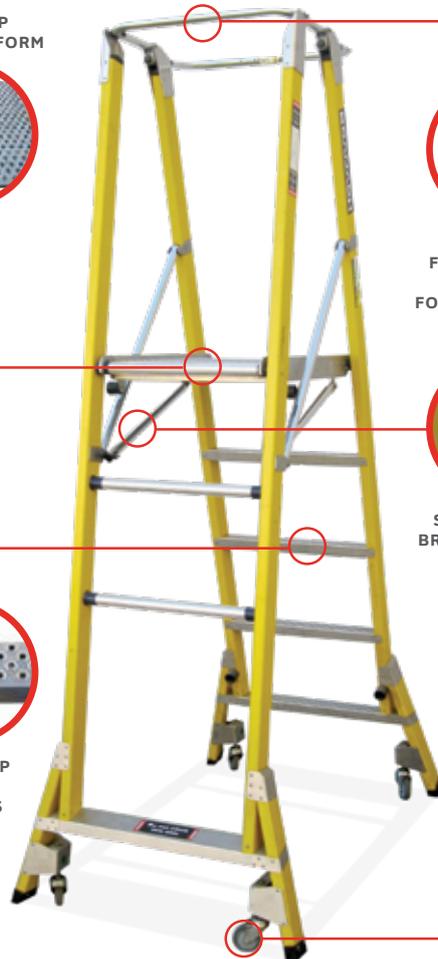
SAFETY CROSS  
BRACE FOR EXTRA  
SUPPORT



ANTI-SLIP  
STAIR  
TREADS



OPTIONAL  
SPRING WHEELS  
FOR INCREASED  
MANOEUVRABILITY





# 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**  
SWL



# 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



**IDEAL FOR BOTH**  
WORKSHOP & IN-FIELD ACCESS

- › 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**  
SWL

Complies with  
**AS/NZS**  
1657 : 2018

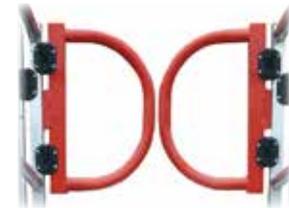




# SUPER MAINTENANCE PLATFORM ACCESSORIES

## 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 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.



Retrofit Forklift Channel



Retrofit Castor Kit



# 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**  
SWL

Complies with  
**AS/NZS**  
1657 : 2018

**Optional 45°  
Stair Access**





# 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**  
SWL

Complies with  
**AS/NZS**  
1657 : 2018

**Platform shown without handrails**





# 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**  
SWL

Complies with  
**AS/NZS**  
1657 : 2018



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





# **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





# BRIDGEDECK

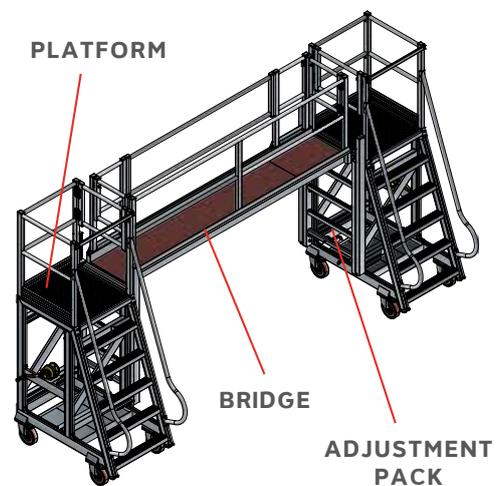
Code	Description
210465	BridgeDeck 6 Step Base Platform (LH Access)
210466	BridgeDeck 6 Step Base Platform (RH Access)
210467	BridgeDeck 9 Step Base Platform (LH Access)
210468	BridgeDeck 9 Step Base Platform (RH Access)
210469	BridgeDeck - Adjustment Pack (to suit 6/9 step)
210470	BridgeDeck - Adjustment 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/NZS**  
1657 : 2018

- › 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





# CUSTOMISE YOUR **BRIDGEDECK**

## STEP 1: CHOOSE YOUR PLATFORM



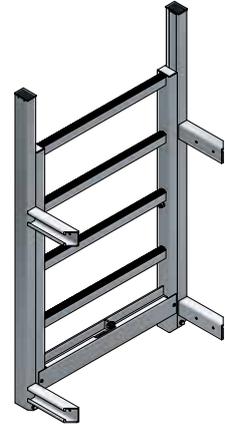
BridgeDeck 6 Step  
Base Platform



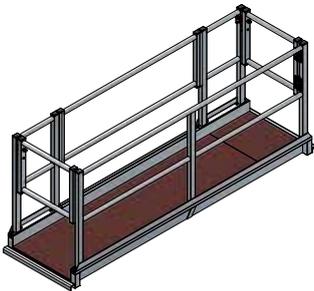
BridgeDeck 9 Step  
Base Platform

## STEP 2: CHOOSE YOUR HEIGHT ADJUSTMENT PACK

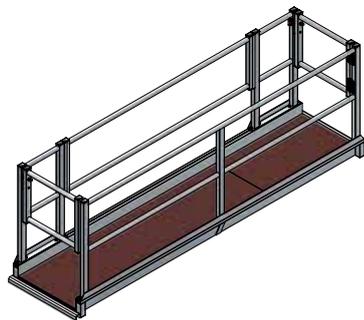
900mm height adjustment packs can be used on both the 6 and 9 step BridgeDeck platforms, 1200mm packs can be used with the 9 step platforms only.



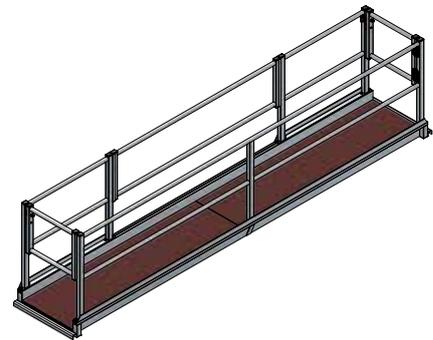
## STEP 3: CHOOSE YOUR BRIDGE LENGTH



2.5m x 0.71m Bridge



3.0m x 0.71m Bridge



4.2m x 0.71m Bridge





# ULTRA RAISE

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



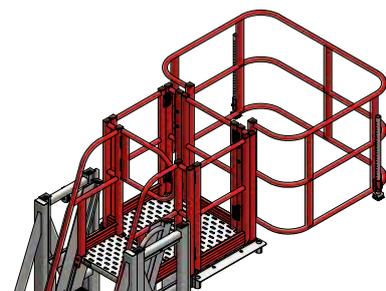
- › Platform height and bridge lengths are customisable.
- › Massive height adjustment range!
- › Compact and mobile for easy deployment and use in tight workshops.
- › 700mm clear cantilever regardless of the height it is set at.
- › Height adjustable platform with a manual winch.
- › 3 access directions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



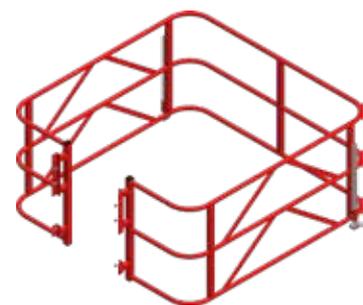
**210375**  
7 Step UltraRaise



**210376**  
10 Step UltraRaise



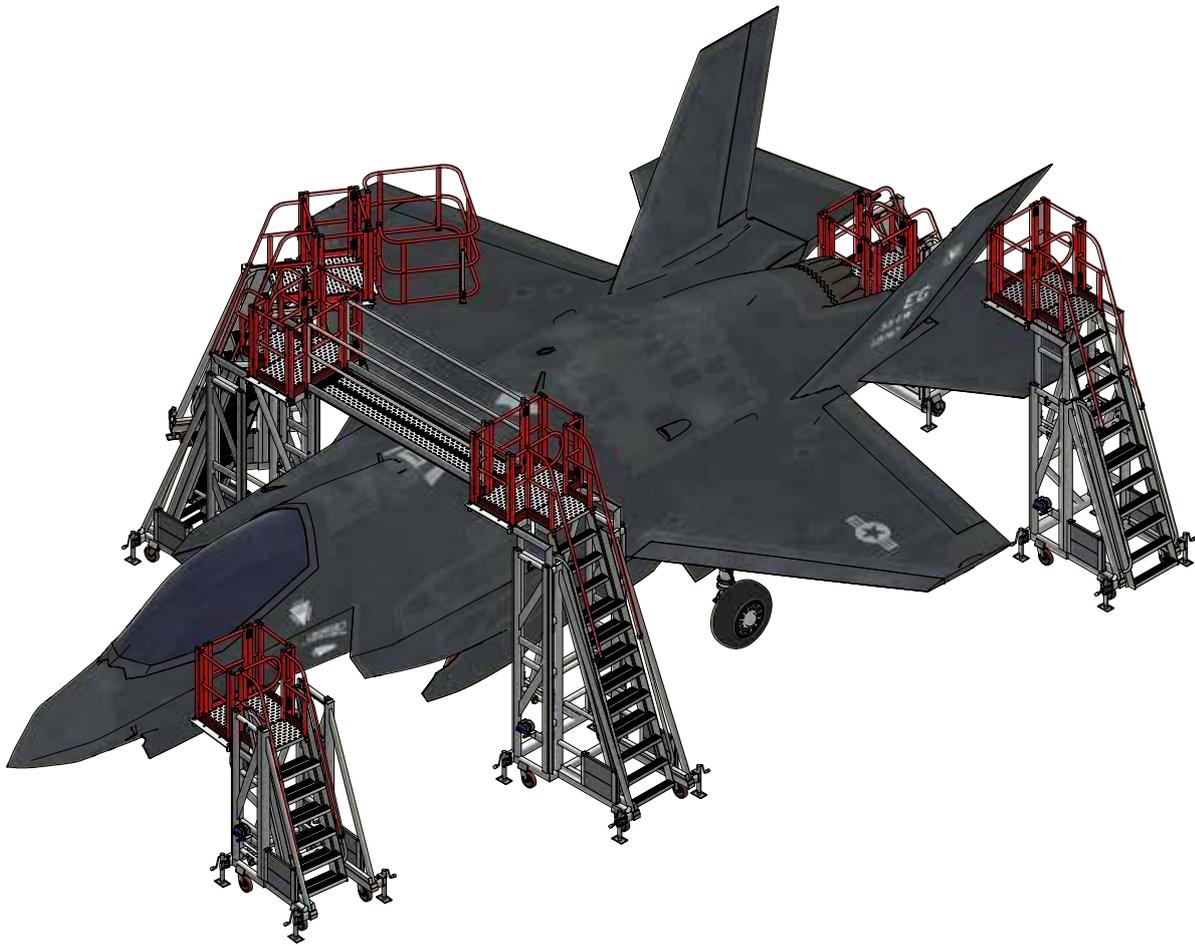
**210378**  
Small Loop Guardrail Frame



**210377**  
Large Loop Guardrail Frame



# ULTRA RAISE ACCESSORIES & GALLERY





# MODULAR STEP OVER

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



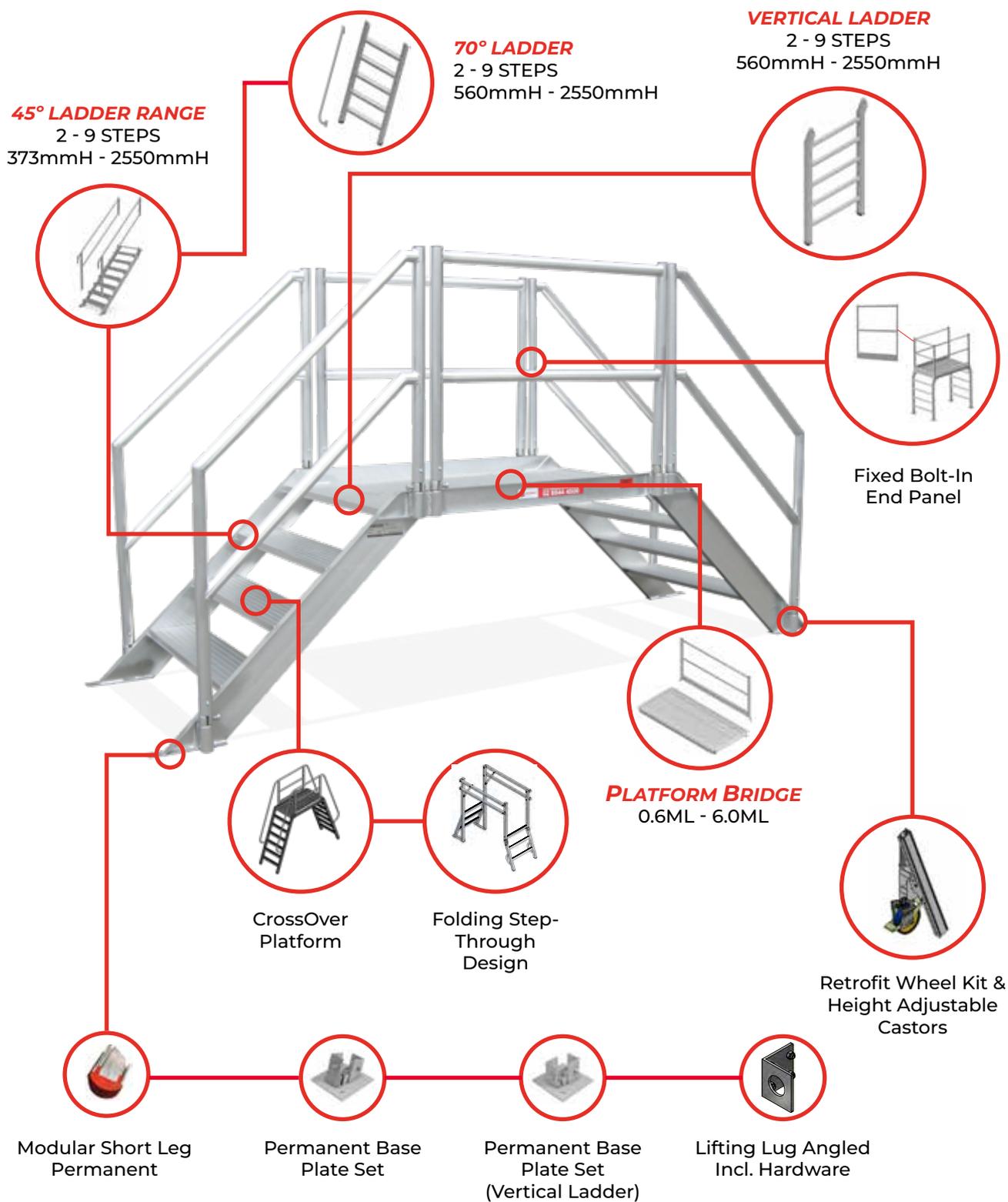
CROSSOVER PLATFORM



FOLDING STEP-THROUGH DESIGN



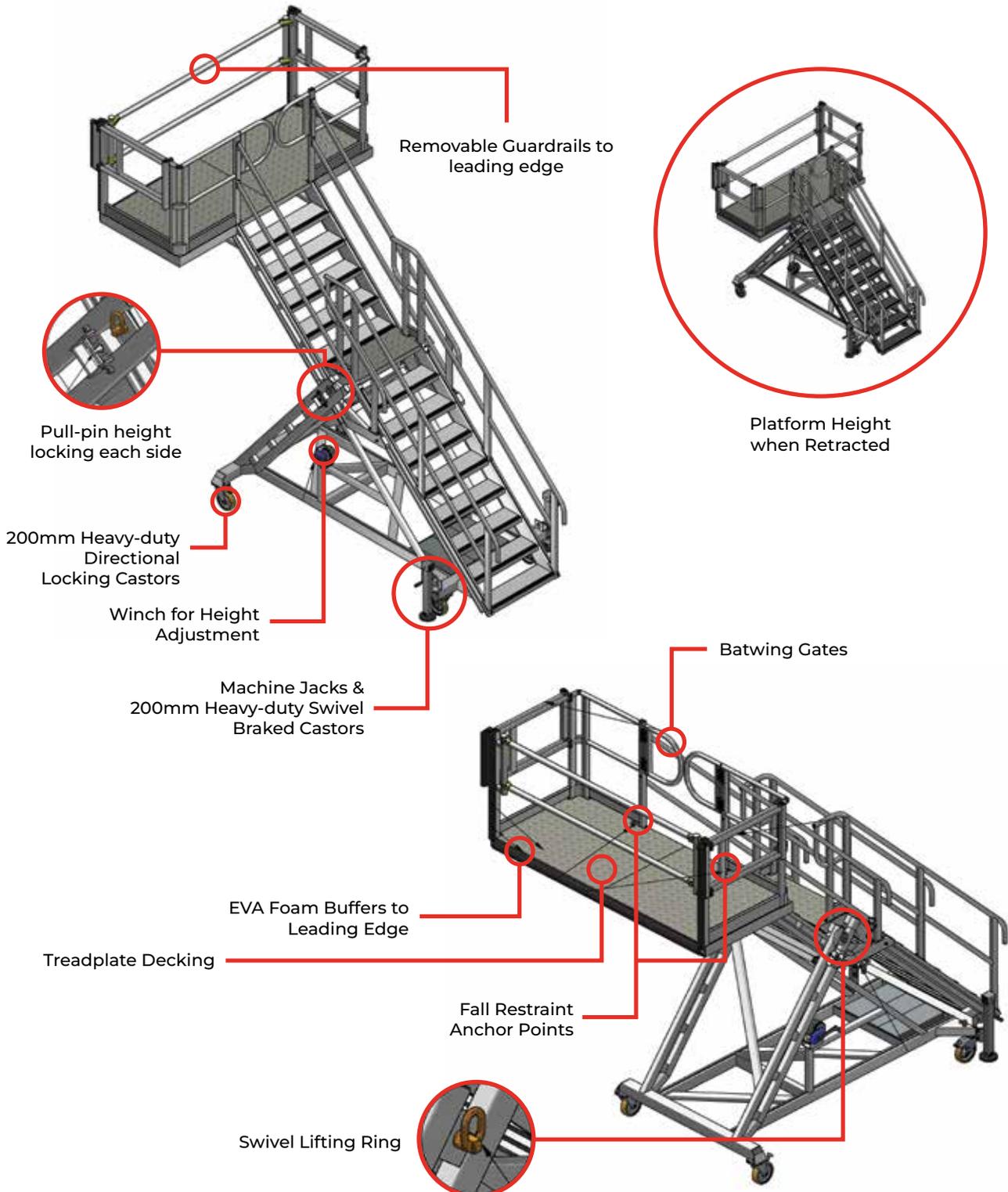
# CONFIGURE YOUR MODULAR STEP OVER





# REACHDECK PLATFORM

- › Adjusts in height from 1.9 - 3.0mH via a manual winch (hydraulic or pneumatic adjustment options also available).
- › Crane or air - liftable, for ease of transport offshore (Crane lifting plan included).
- › Platform includes fall restraint points, for user safety when stepping out onto larger aircraft.
- › Additional larger models are also available.





# REACHDECK PLATFORM





# 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.

**200KG**  
SWL





# SECTION 02

## FIXED-WING

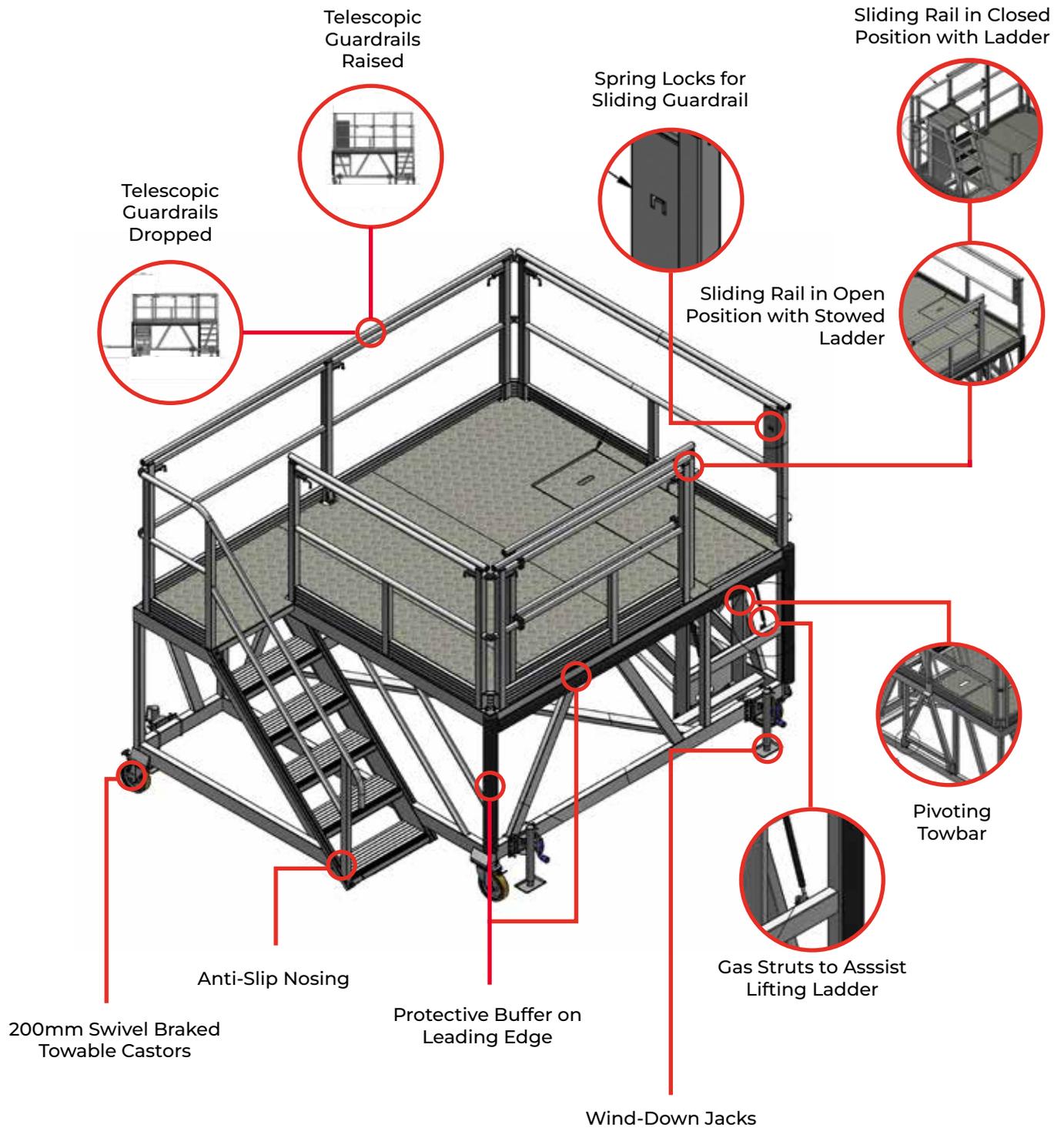
<b>AIRBUS A220</b>	28	<b>ALENIA C-27J</b>	107
<b>AIRBUS A320/A321</b>	30	<b>LOCKHEED MARTIN C-130</b>	110
<b>AIRBUS A330</b>	36	<b>BOMBARDIER GLOBAL EXPRESS XRS</b>	124
<b>AIRBUS A350</b>	40	<b>BOMBARDIER Q300/Q400</b>	128
<b>AIRBUS A380</b>	54	<b>EMBRAER E190</b>	142
<b>ATR ATR 72</b>	60	<b>EMBRAER ERJ175</b>	144
<b>BAE 146</b>	66	<b>FOKKER 70, 100</b>	146
<b>BAE HAWK FIGHTER</b>	67	<b>LOCKHEED MARTIN F-35</b>	147
<b>BEECHCRAFT B250</b>	70	<b>MCDONNELL DOUGLAS MD-90</b>	152
<b>BOEING B717</b>	72	<b>DASSAULT AVIATION FALCON 900</b>	154
<b>BOEING B737</b>	74	<b>GENERAL WORK PLATFORMS</b>	155
<b>BOEING B777</b>	88		
<b>BOEING B787</b>	90		
<b>BOEING C-17A</b>	104		



 AIRBUS A220

## AFT ACCESSORY BAY ACCESS PLATFORM

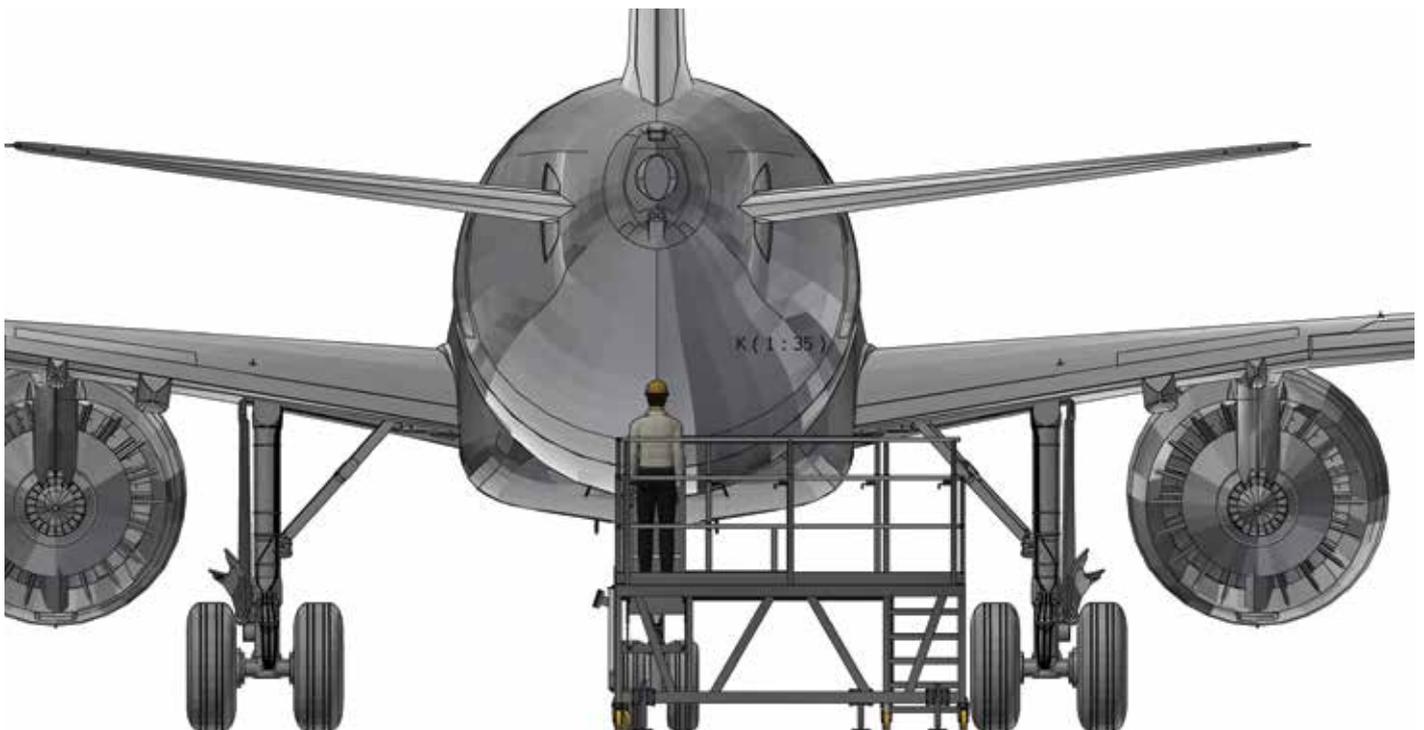
- › Gas-strut folding ladder is used to provide personnel access into the AFT bay.
- › Telescopic handrails can be set at different heights to cater for varying aircraft height due to fuel load etc.





## AIRBUS A220

### AFT ACCESSORY BAY ACCESS PLATFORM





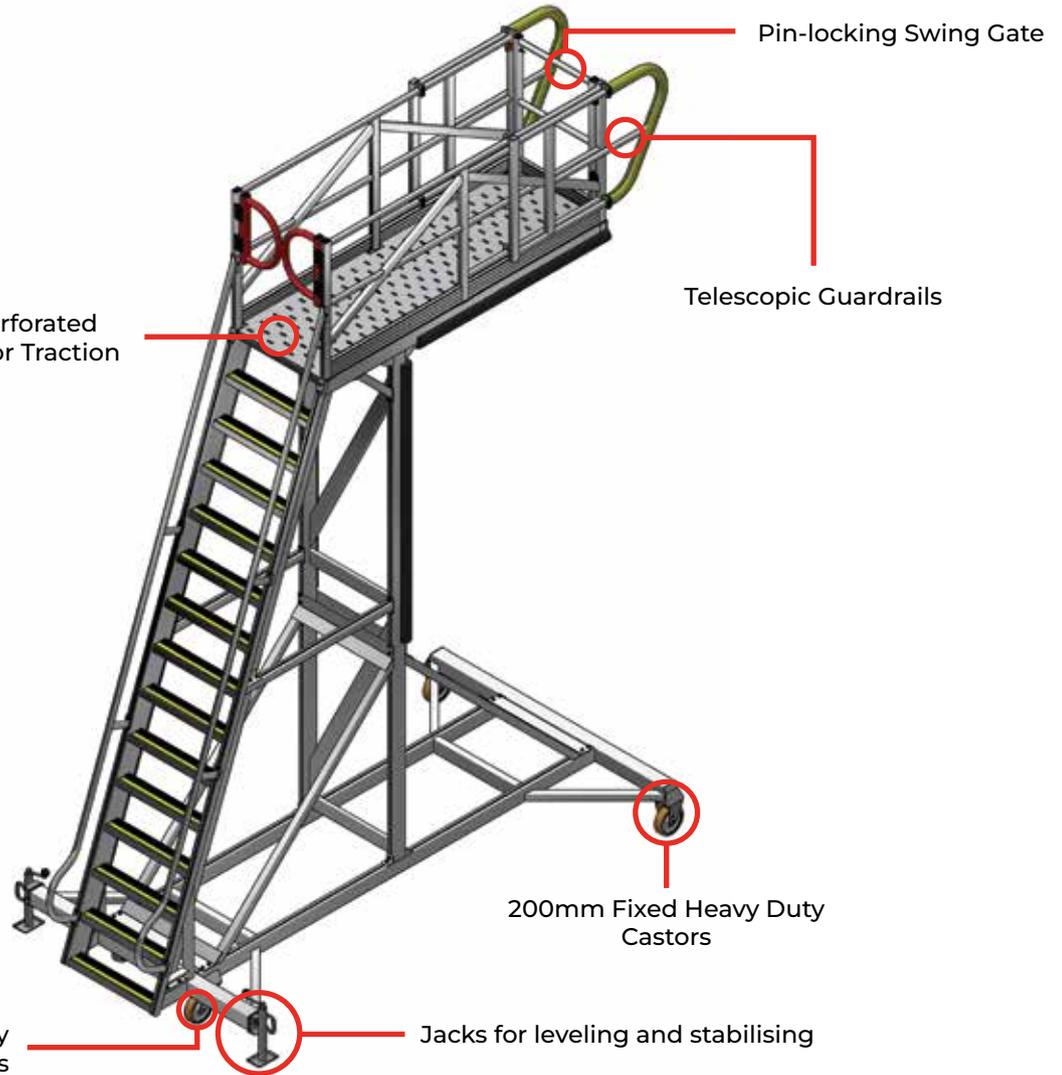
# AIRBUS A320/A321

## WINDSHIELD INSPECTION PLATFORM

- › Designed for line maintenance windshield inspections.
- › Pivoting, telescopic guardrails to match the contour of the aircraft windshield.
- › Perforated deck for safety in all weather conditions.

**WINDSHIELD DOCKING ALSO AVAILABLE**

SEE PAGE 88-89 FOR EXAMPLES

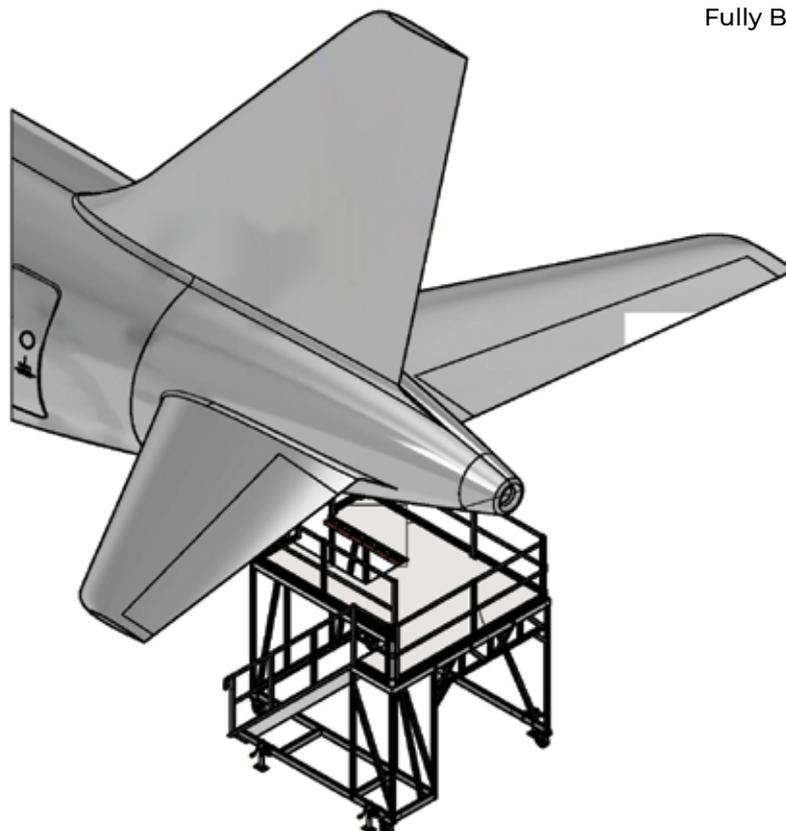
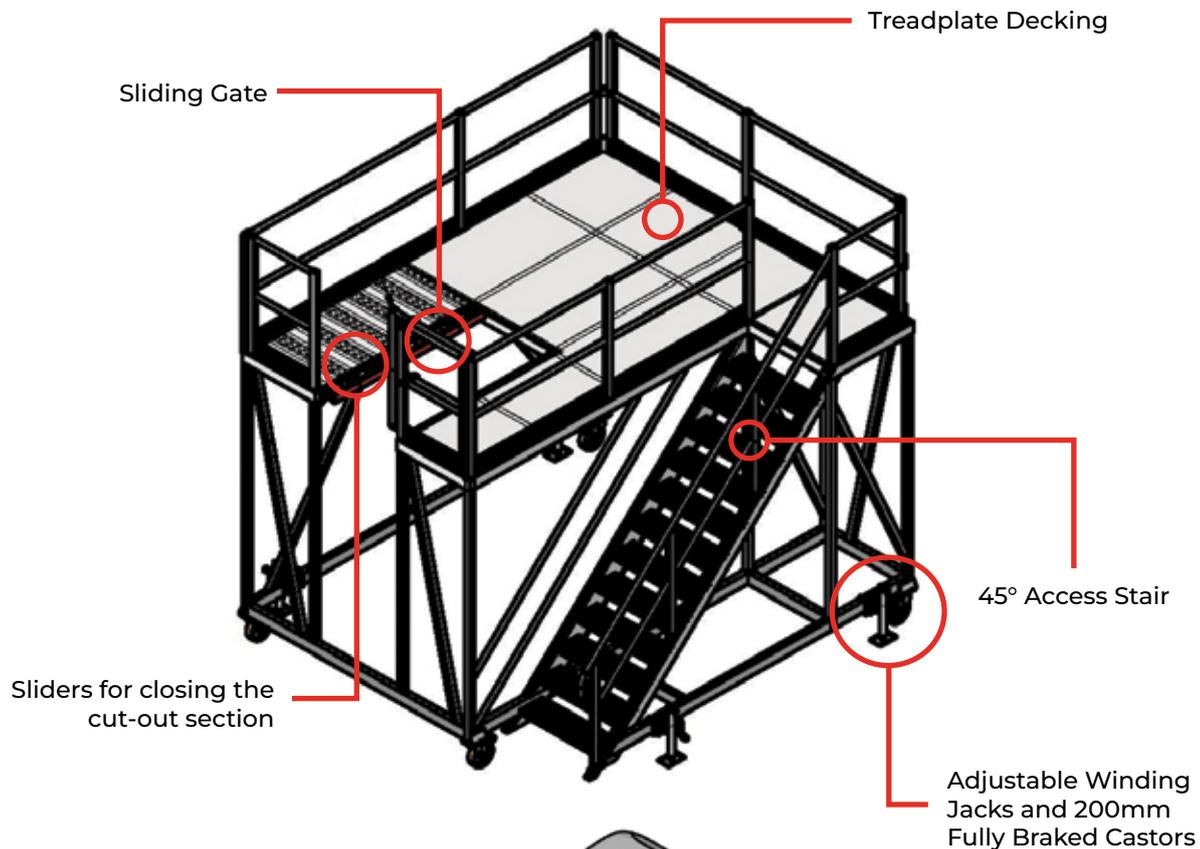




## AIRBUS A320/A321

### APU REMOVAL ACCESS STAND

- › Platform is used for both for APU removals and inspections.
- › Retractable sliders allow for the APU to be lowered and removed through the Platform frame.
- › Available as a towable system for ease manoeuvrability.





# AIRBUS A320/A321

## E&E ACCESS STAND

- › Provides a contoured fit for access to the forward avionics bay on the A320/321.
- › Wind-rated for up to 40 knots.

Bolt-on Step-up Step

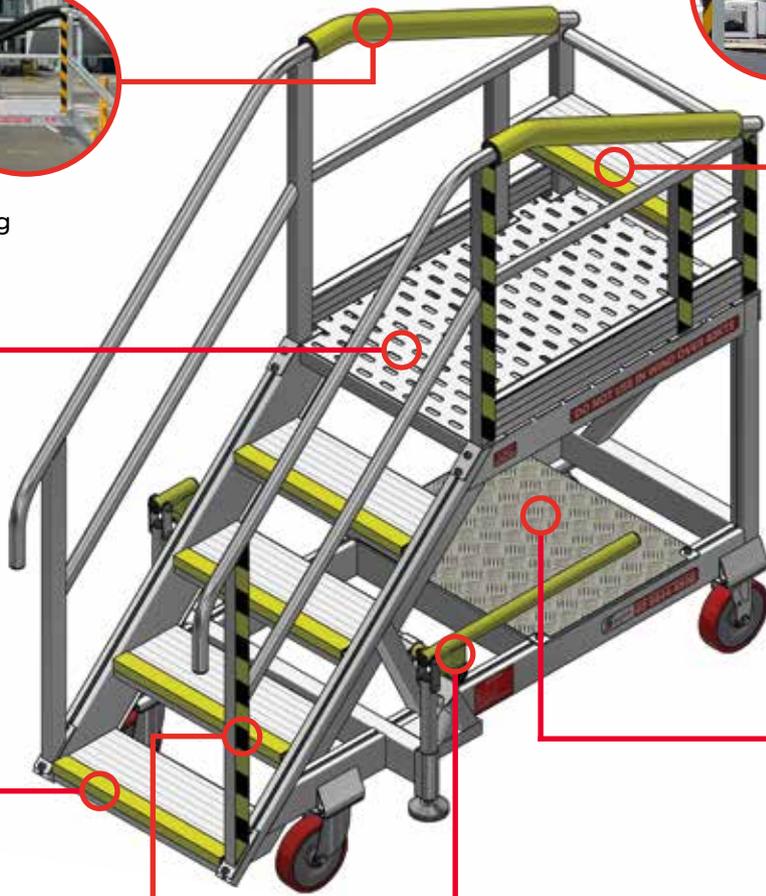
Foam Buffering with Canvas Protective Cover



Perforated Decking



200mm Fixed Castors



Anti-Slip Nosings



Counterweight (Top Covered)



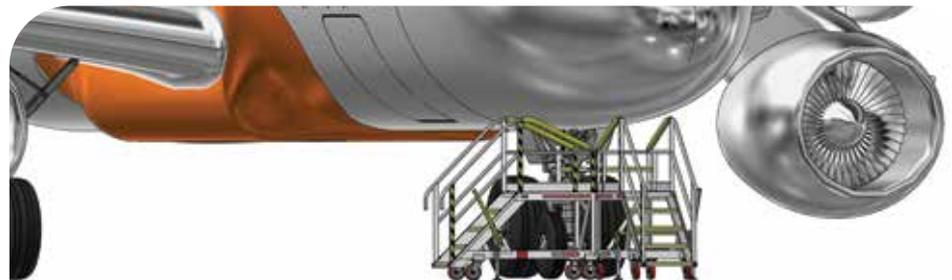
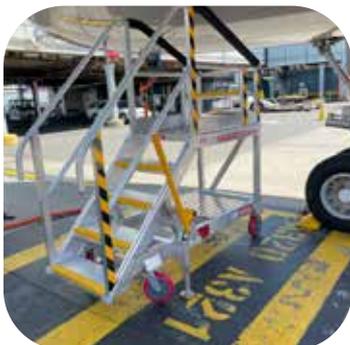
Reflective Hazard Tape



Lever Brake System Disengaged



Lever Brake System Engaged

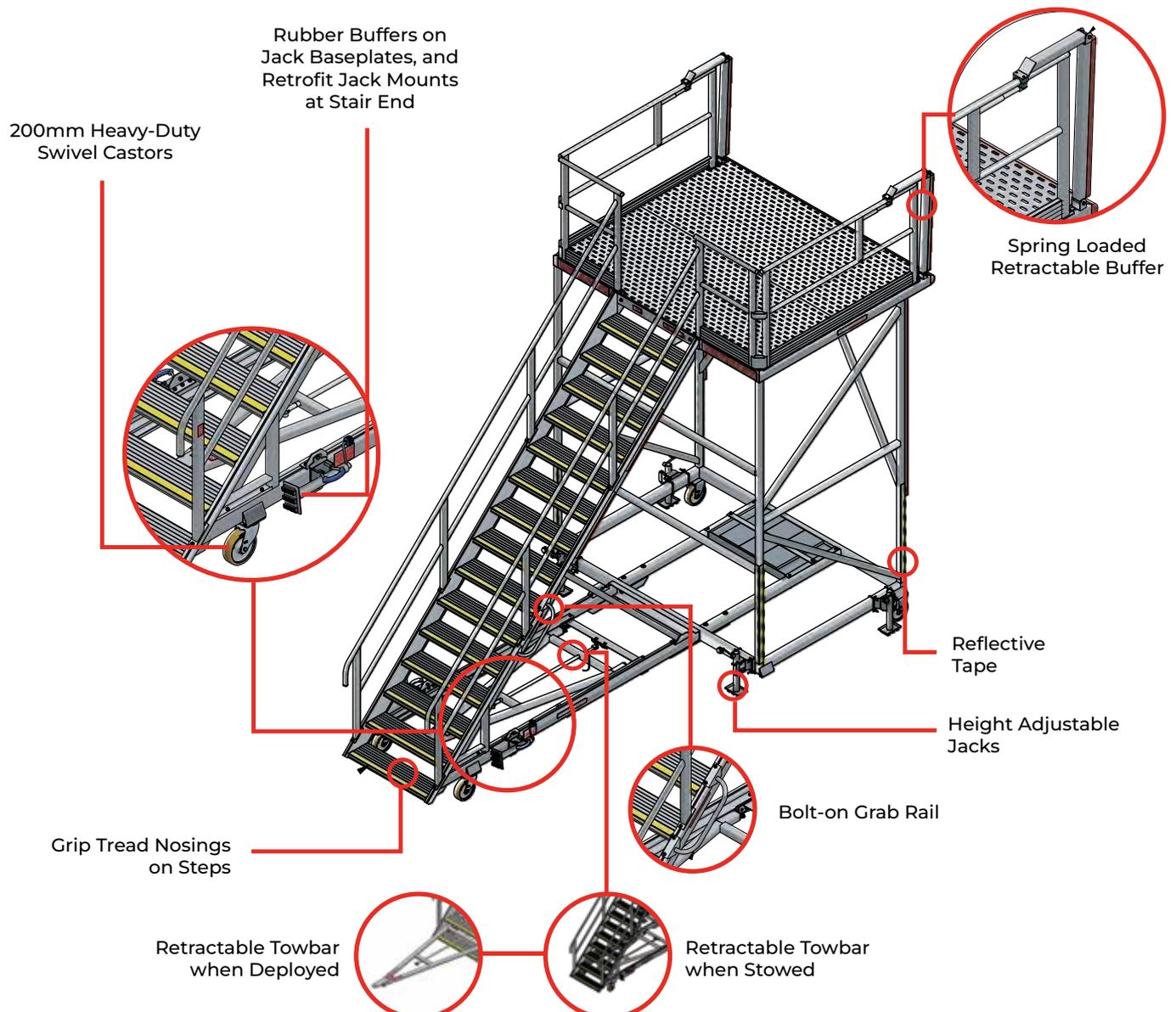




## AIRBUS A320/A321

# ENGINEERING ACCESS STAIRS - WIDE VERSION

- › Easily manoeuvrable by one person.
- › Ideal for use on the line.
- › More mobile to manoeuvre than passenger access stairs.
- › Sliding guardrails to allow the doors to open.
- › Large landing area for tools and equipment.
- › Wind-rated for up to 40 knots.





# AIRBUS A320/A321

## MAIN ENTRY DOOR ACCESS STAIRS - NARROW VERSION

- › Multi-use for personnel entry into aircraft doors on the A320 and A321 variation aircraft.
- › Sliding guardrail system allows for height differential between doors and for when aircraft is loaded.
- › FRP decking sheets for optimum traction in all weather conditions.

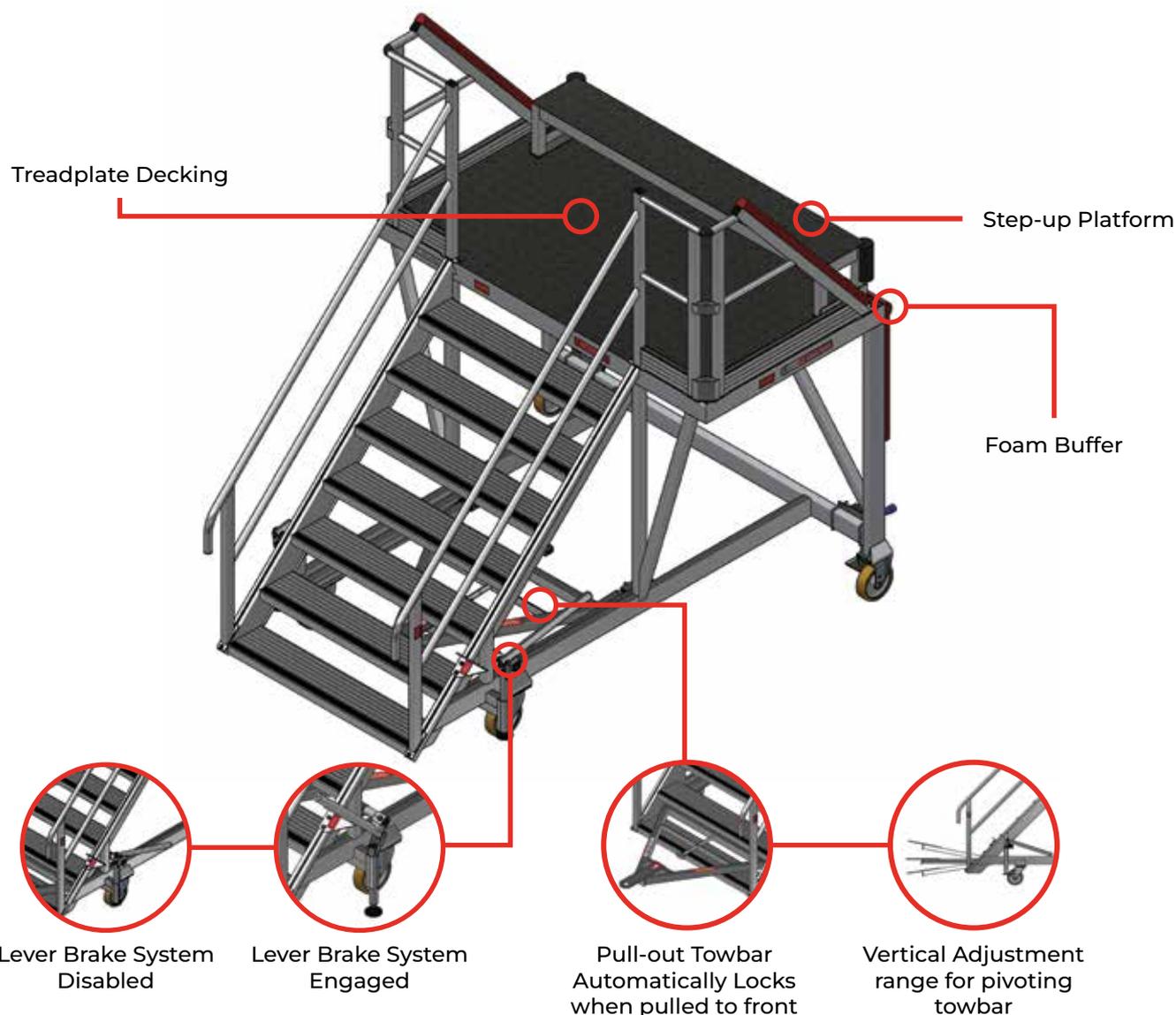




## AIRBUS A320/A321

### CARGO DOOR ACCESS STAIRS

- › Stand width matches the width of the cargo bay, providing fall protection.
- › Step-up section for ease of access in and out of the cargo hold.
- › Wide version steps to enable tooling or any other items to be taken in and out of cargo bay.

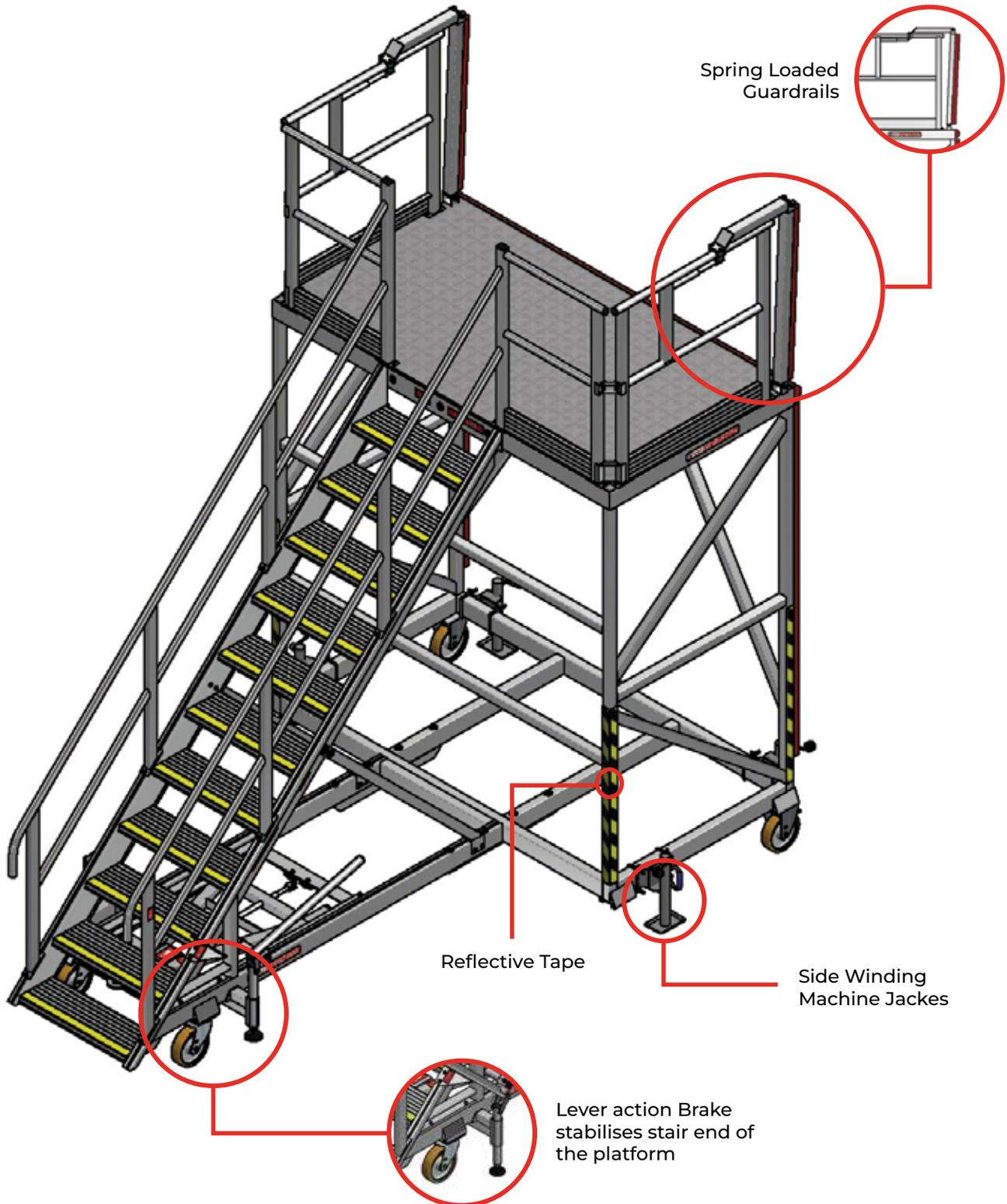




 AIRBUS A330

## CARGO DOOR ACCESS STAIRS

- › Full width platform for access into the A330 cargo hold.
- › Available to suit all wide and narrow body aircraft types.

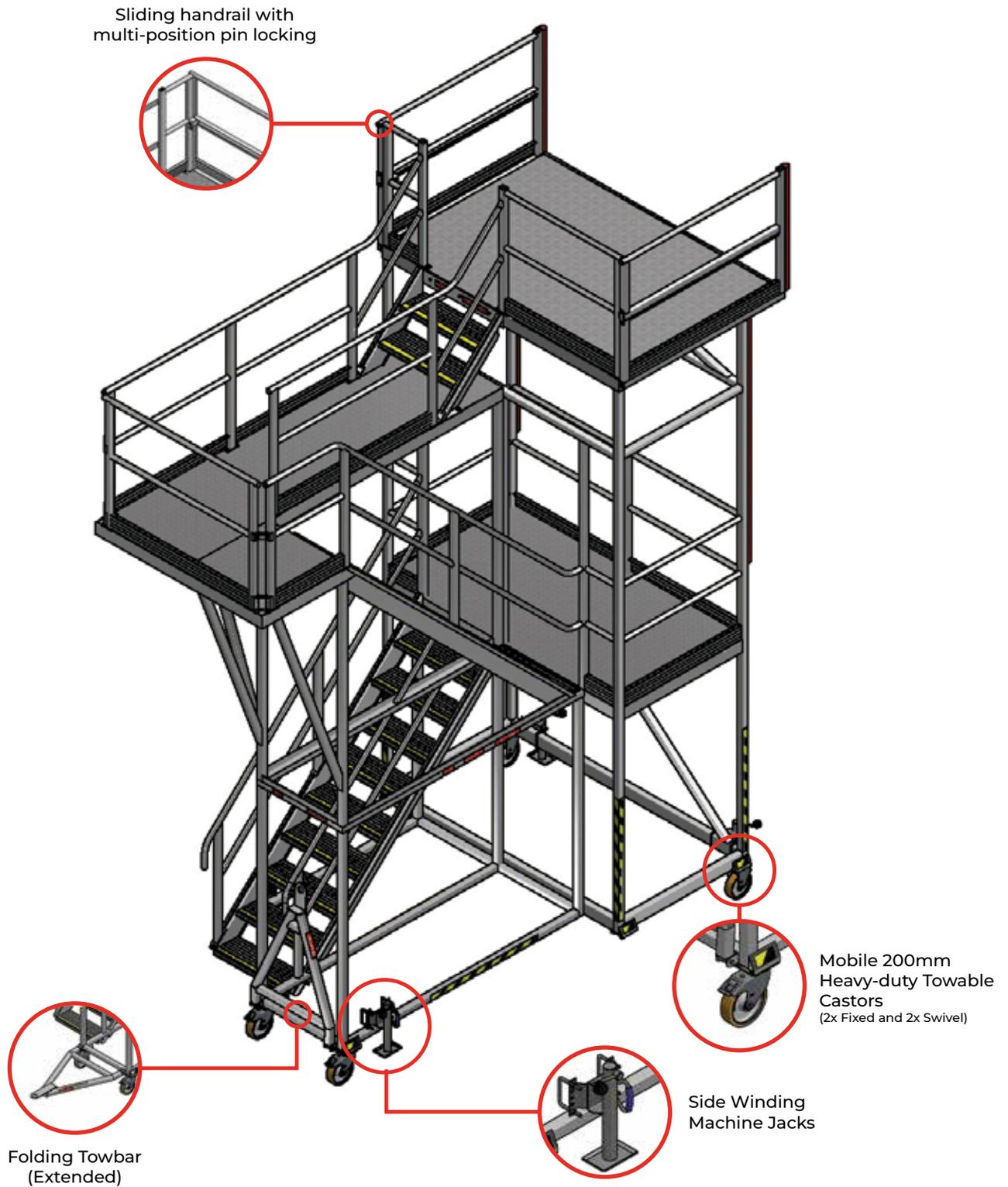




## AIRBUS A330

### MAIN ENTRY DOOR ACCESS STAIRS

- › Compact stair design, to minimise required hangar space.
- › Sliding lockable guardrails, to maximise stand versatility for a range of applications.

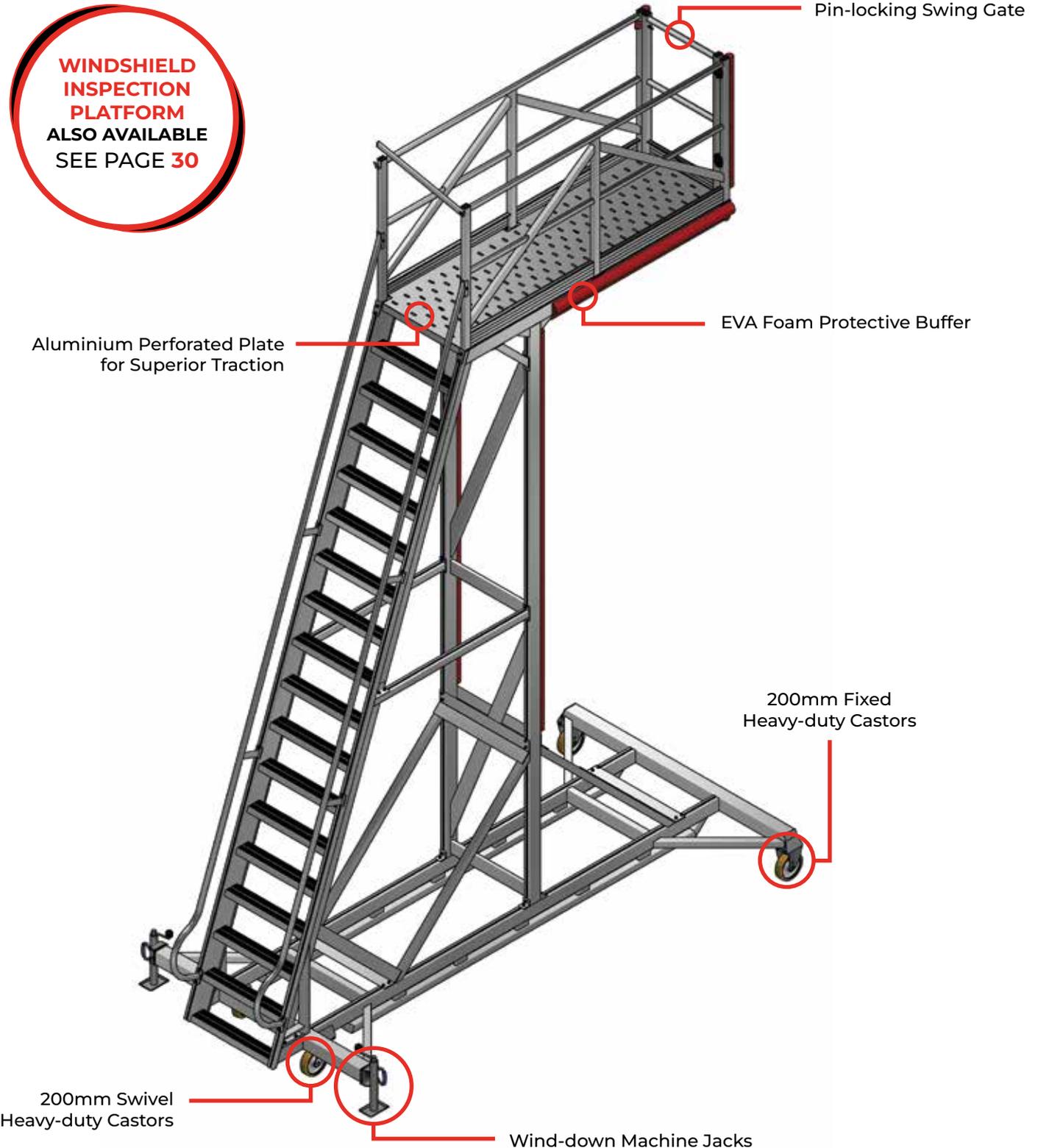




 AIRBUS A330

## ANTI-ICE VALVE, PYLON AND HORIZONTAL STABILISER PLATFORM

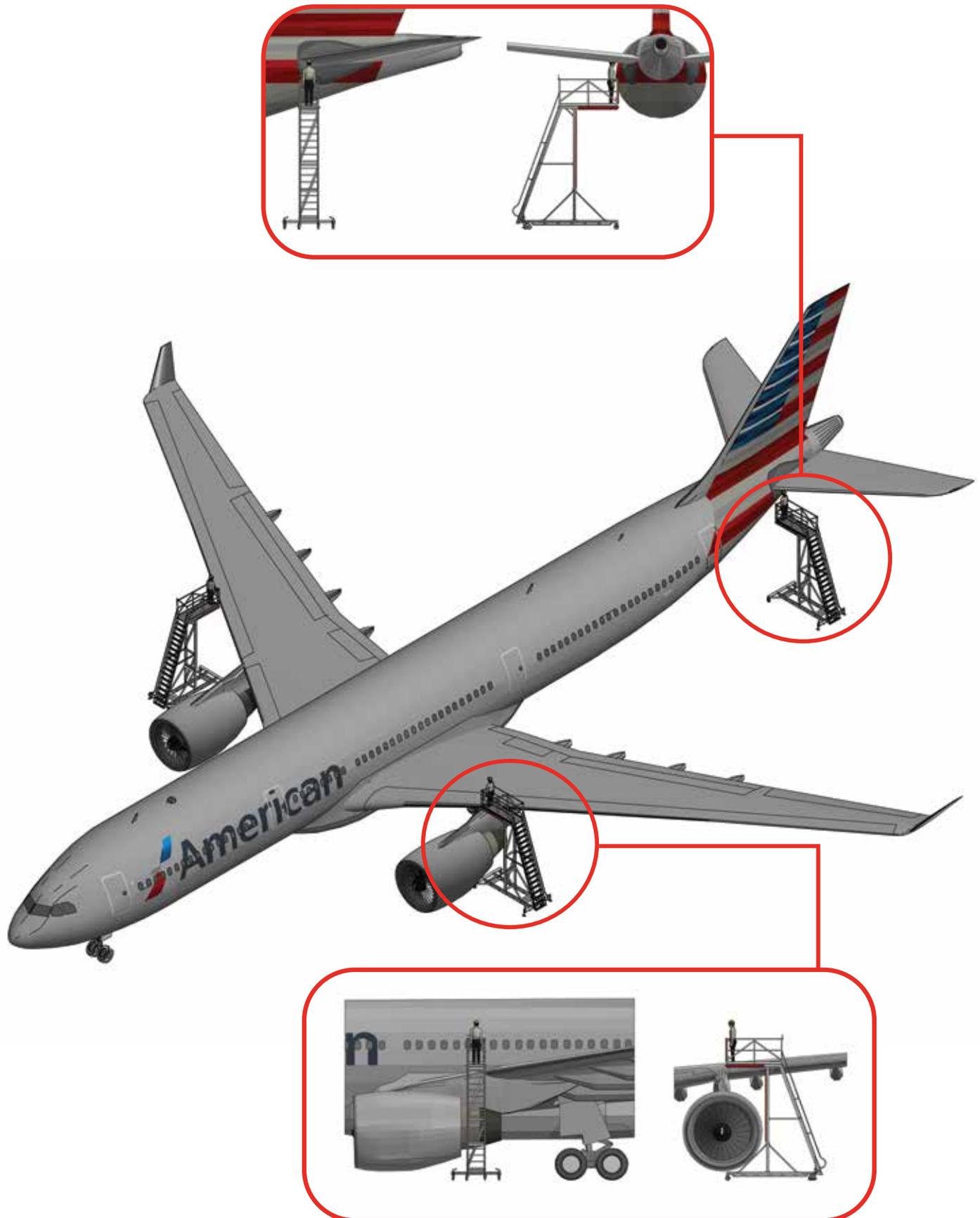
- › Multi-purpose platform for inspections and maintenance tasks on various areas of the aircraft such as the anti-ice valve, pylon, APU, and horizontal stabiliser.





## AIRBUS A330

# ANTI-ICE VALVE, PYLON AND HORIZONTAL STABILISER PLATFORM





**AIRBUS A350**

# NOSE LANDING GEAR ACCESS

- › Large and stable work platform for access around the NLG.
- › Perforated plate decking allows for oil and grime to drain away.

## WITHOUT REMOVABLE STEPS



Removable Slot Cover

Removable Steps  
450 x 450 x 300mm  
(Includes Anti Luce fitting for quick installation on the platform deck)

Perforated Plate Decking

45° Stair Access

Foam Buffer

200mm Swivel Braked Castors

Lever Brake

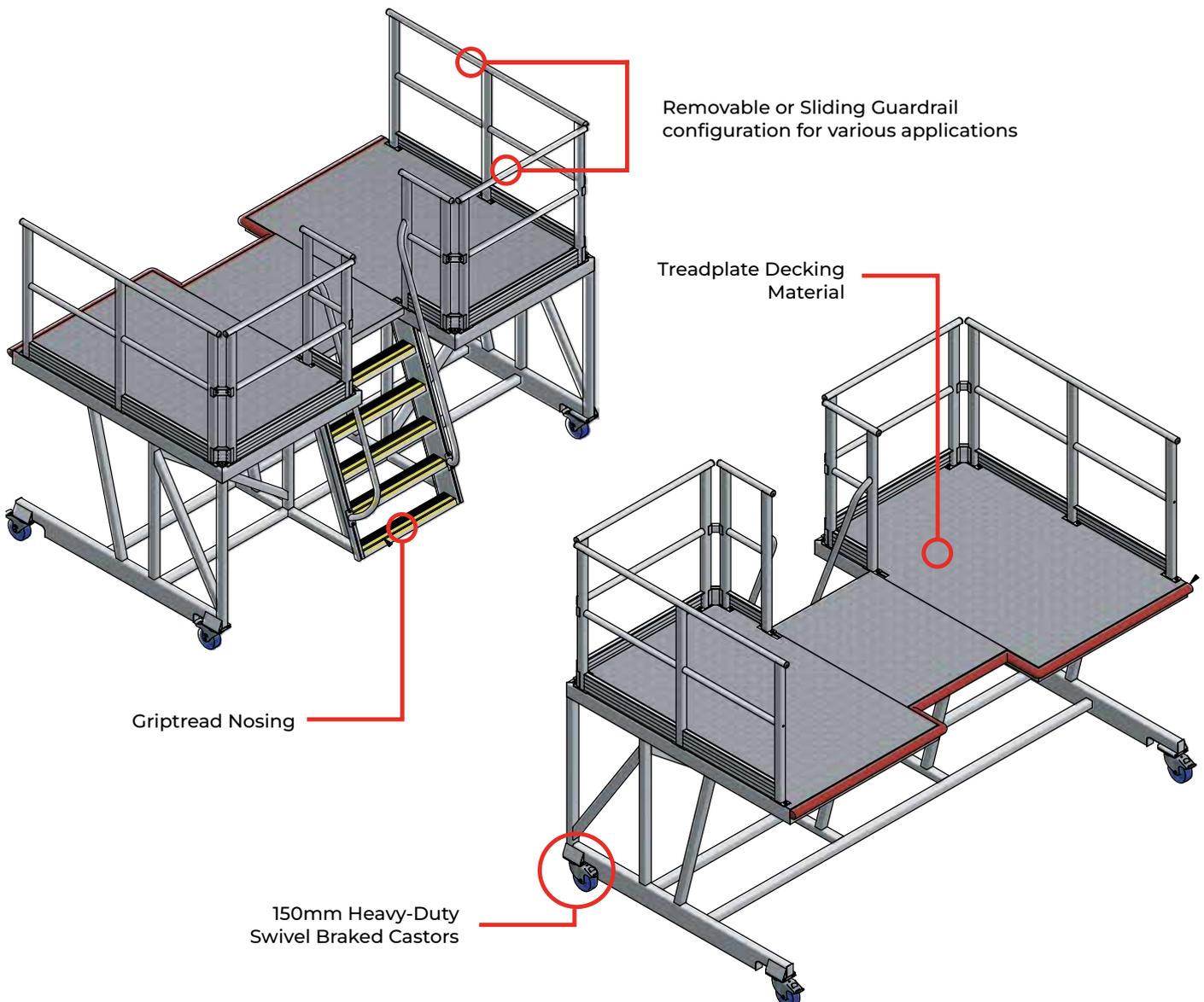
Grip tread nosings on steps



## AIRBUS A350

### HYDRAULIC BAY ACCESS STAND

- › Removable or Sliding Guardrails for configuration in various areas.
- › Treadplate decking.
- › Removable handrails.
- › Grip tread nosing on steps.
- › 150mm heavy-duty swivel braked castors.

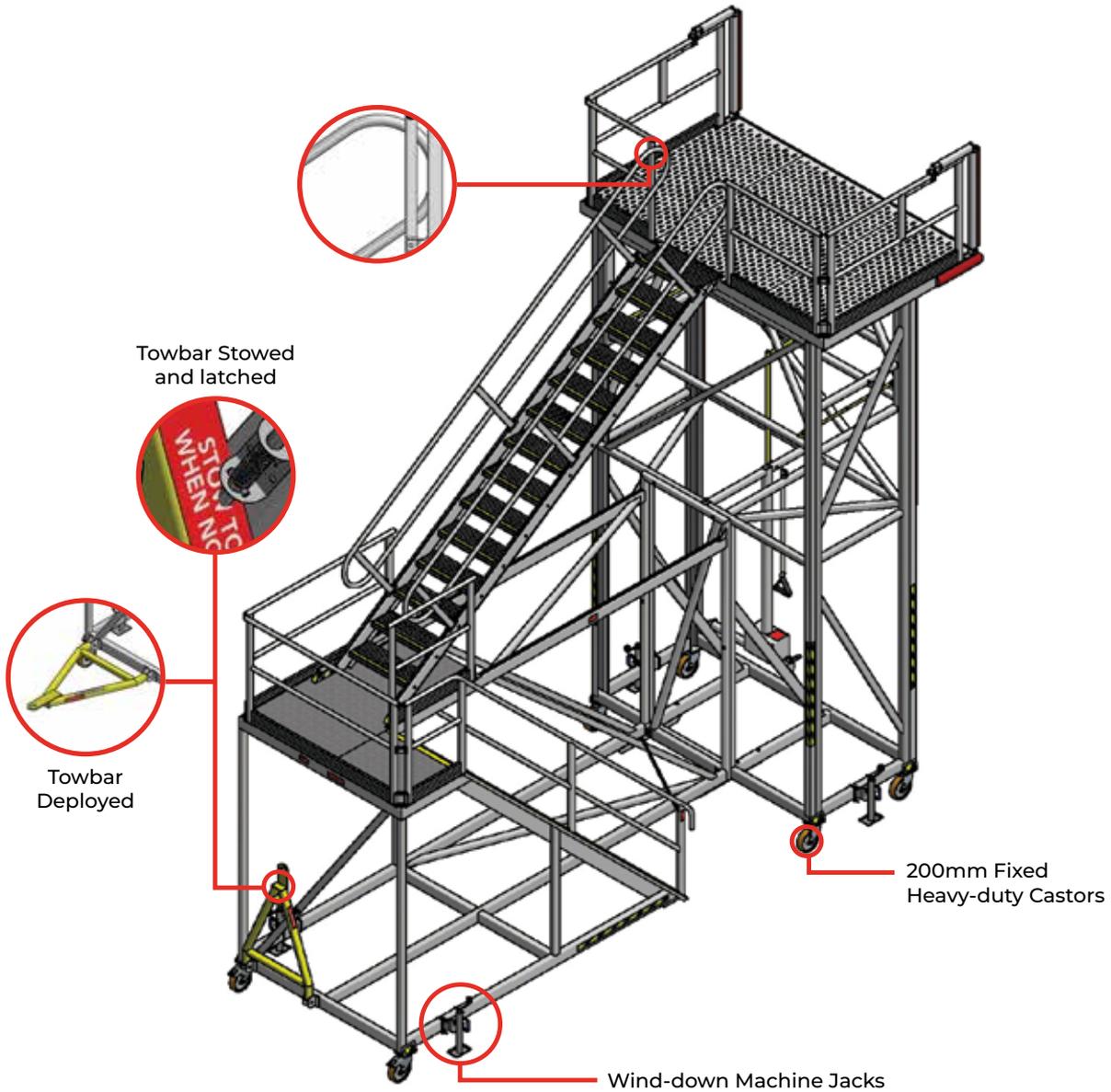




 AIRBUS A350

## HEIGHT ADJUSTABLE MED ACCESS STAND

- › Height Adjustable to allow access to different doors and Aircraft types.
- › Various configurations and options available.
- › Adjustability via hand winch or hydraulic options available.
- › Towable for transport between locations on the line.



### ADJUSTS TO SUIT:

A330 | A350 | A380 | B787

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



# AIRBUS A350

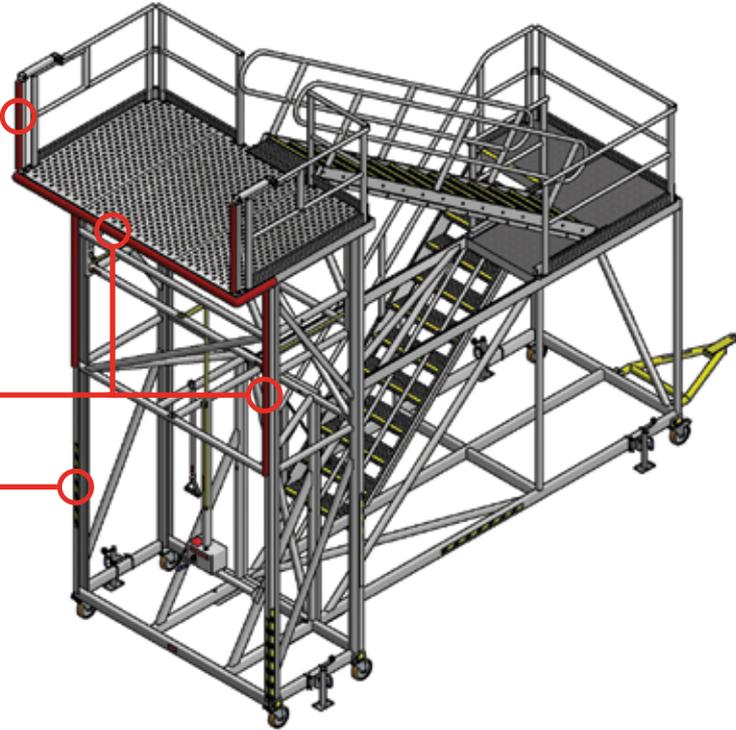
## HEIGHT ADJUSTABLE MED ACCESS STAND

Spring-loaded Pivoting Post Retracted



Foam Protective Buffer

Reflective Tape



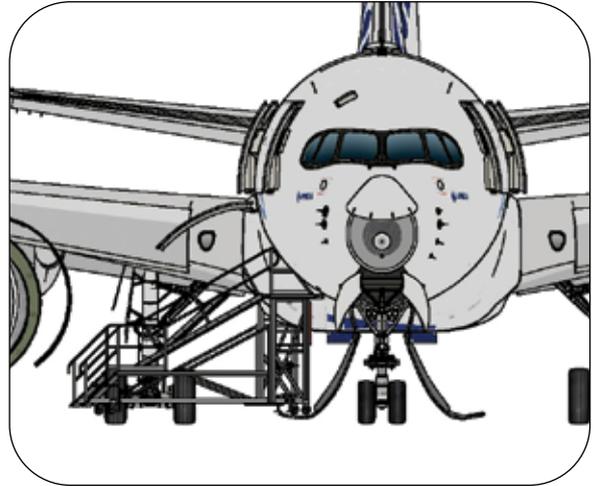
 AIRBUS A350

## ADJUSTABLE CARGO DOOR ACCESS STAIRS - WIDE SERIES

- › Allows for personnel access into the cargo hold area.
- › Wide series platform eliminates any gaps between the platform and the cargo door, removing any fall risk.

### MANY CONFIGURATIONS & OPTIONS

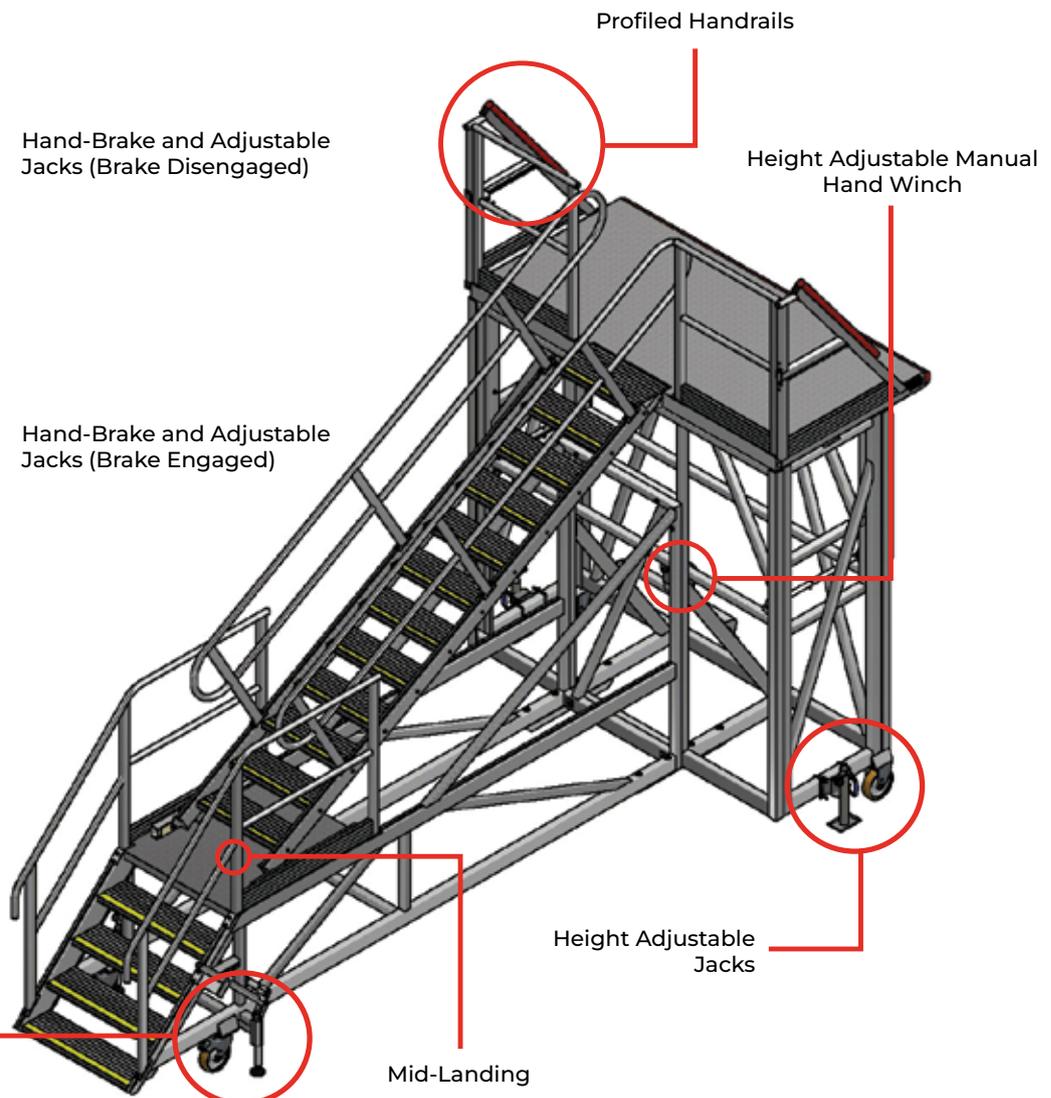
- › Multiple step configurations.
- › Sliding or profiled handrails available.
- › Towable options available.
- › Wide and Narrow Body Aircraft.
- › Self-levelling stair access, providing consistent angle, and hands free access.



Hand-Brake and Adjustable Jacks (Brake Disengaged)



Hand-Brake and Adjustable Jacks (Brake Engaged)

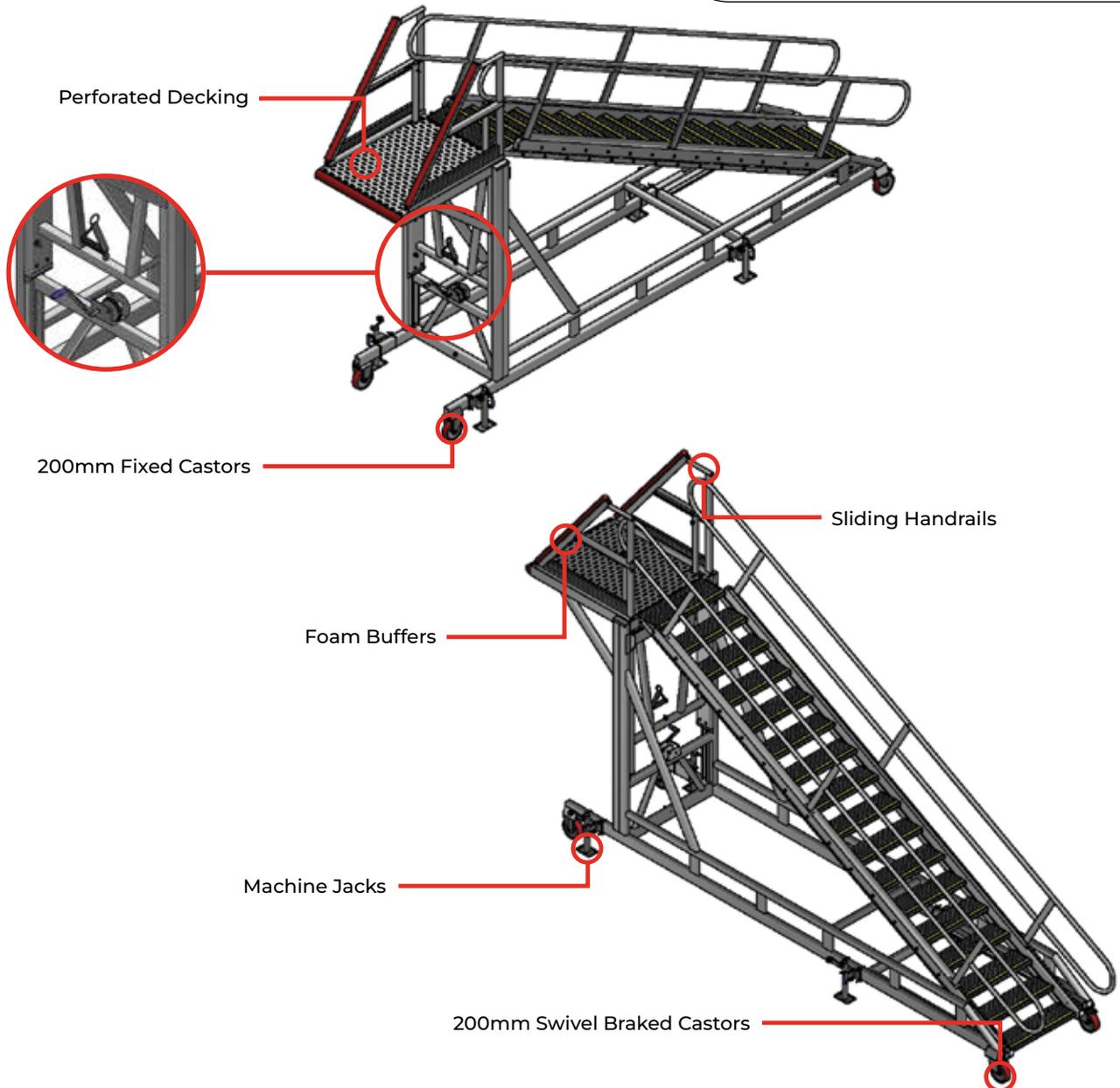
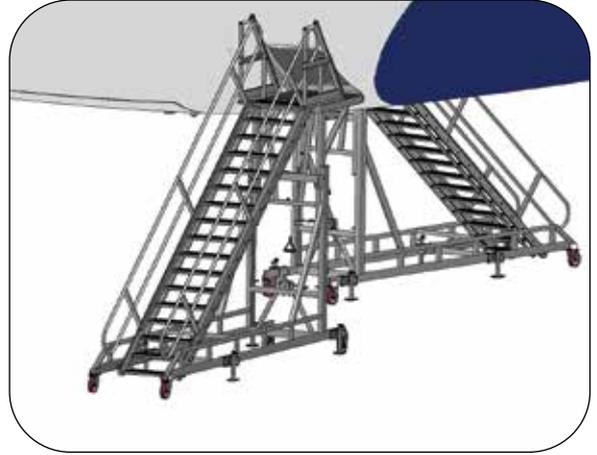




## AIRBUS A350

# HEIGHT ADJUSTABLE CARGO DOOR ACCESS STAIRS - NARROW SERIES

- › Narrow version to provide personnel access to cargo hold.
- › Sliding handrails configure to cargo door profile.

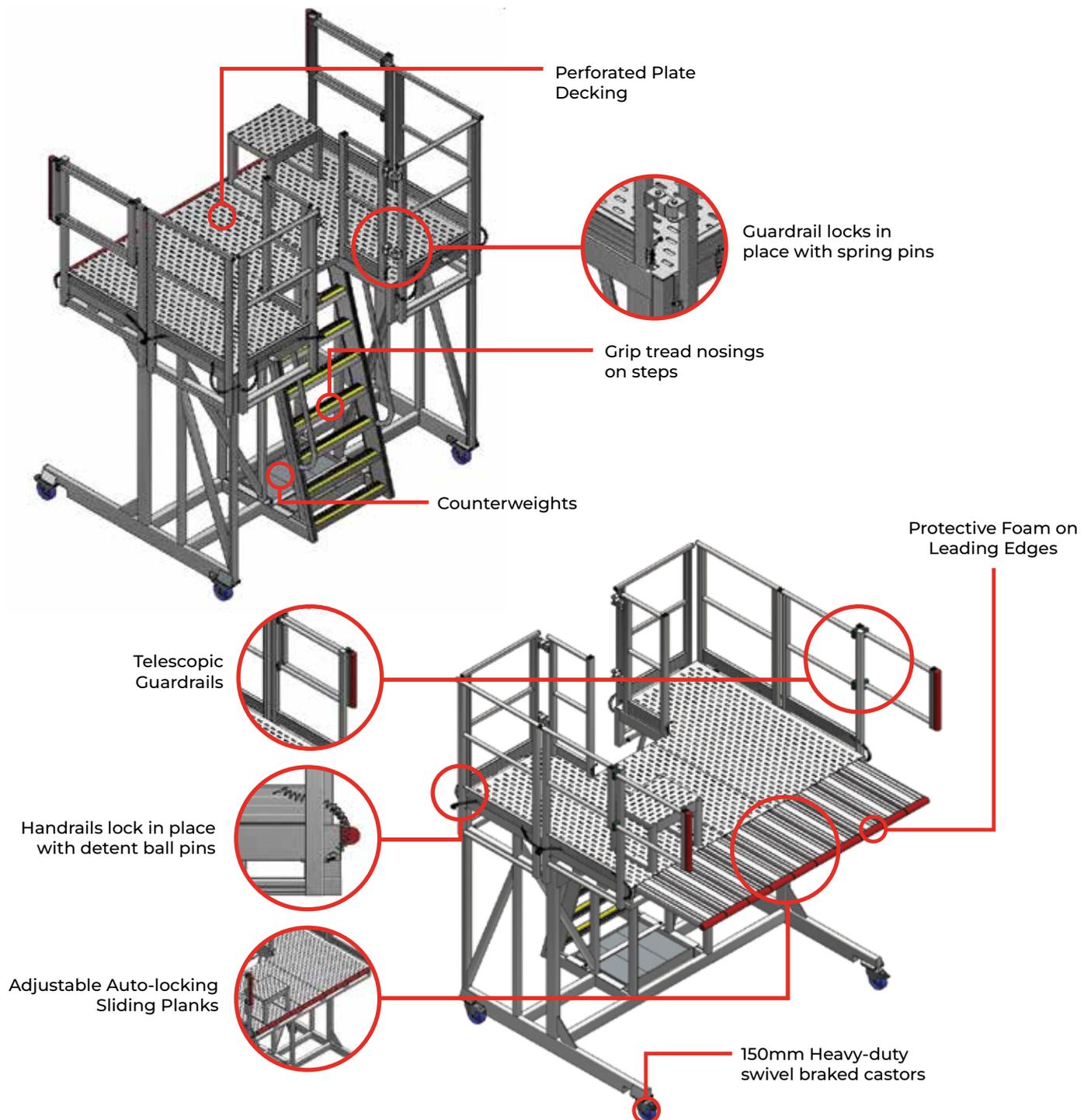




 AIRBUS A350

## MAIN LANDING GEAR SERVICING & LUBRICATION PLATFORM

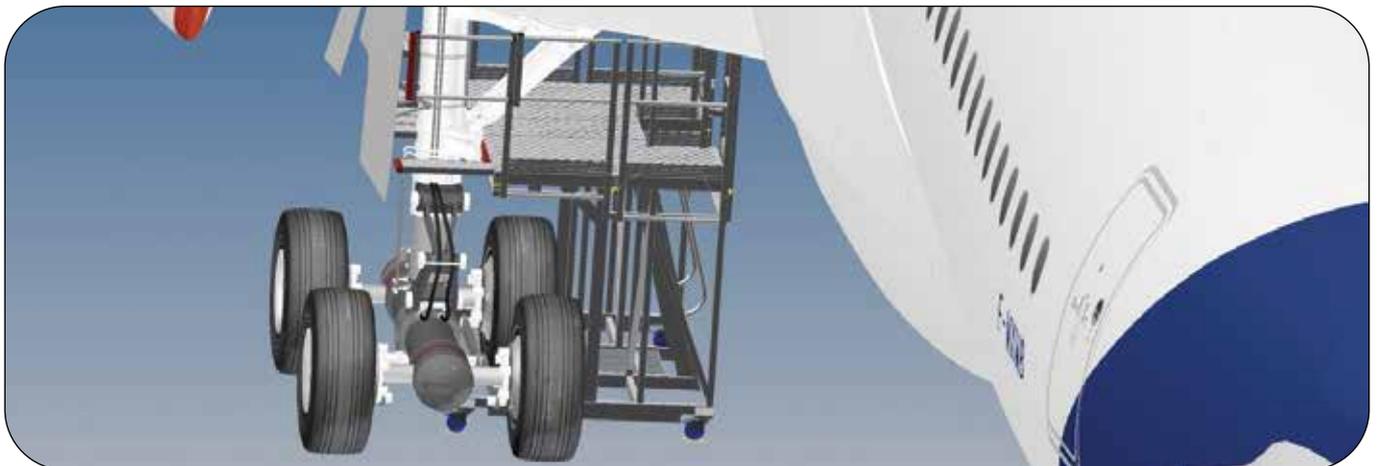
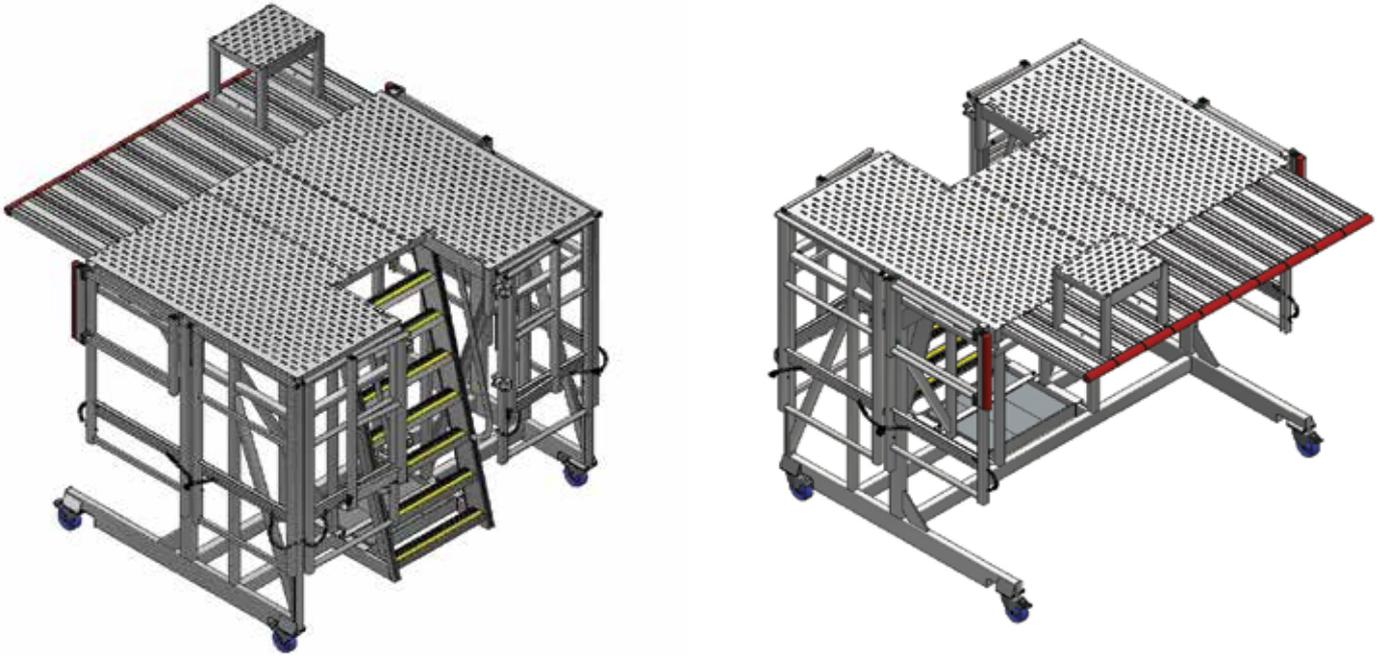
- › Fully configurable platform with sliding sections, telescopic, and adjustable guardrails to fit in and around the Main Landing Gear.
- › Typically used for servicing and lubrication tasks.
- › This platform type is available to suit all types of wide and narrow body aircraft.





## AIRBUS A350

### MLG SERVICING AND LUBRICATION PLATFORM WITH GUARDRAILS LOWERED

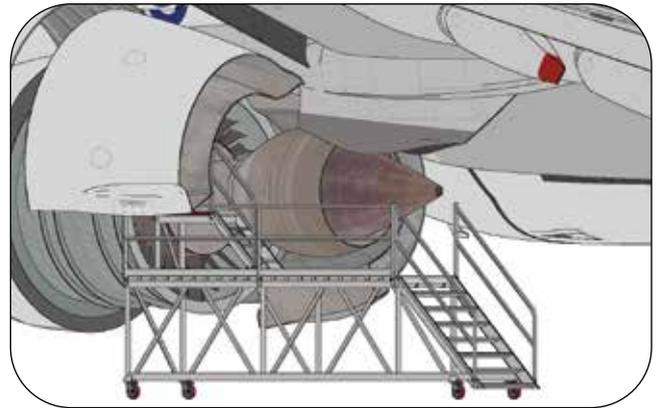
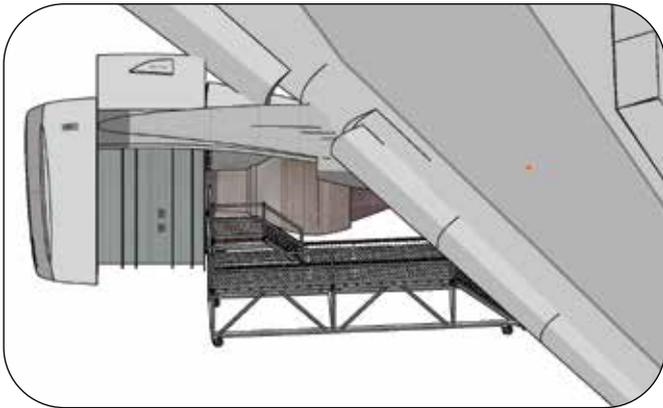




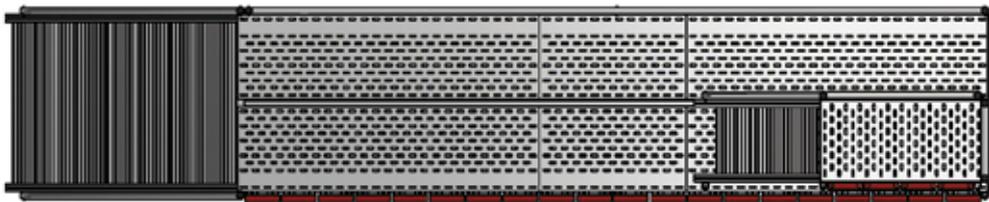
## AIRBUS A350

### ENGINE CHANGE DOCKING

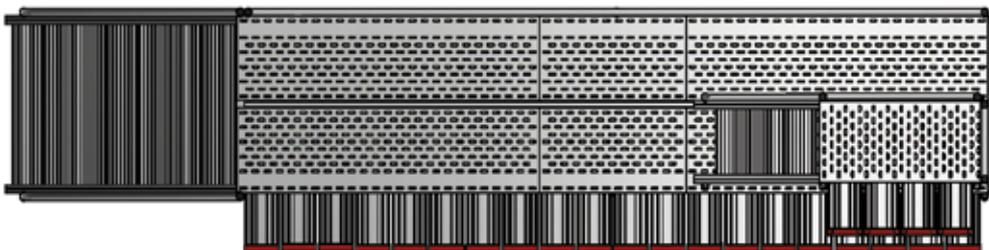
- › Provides access down the length of the engine.
- › Sliders configure to match the profile of the aircraft engine.
- › Step-up stand on roller tracks down the length of the engine, to provide additional access to the top of the engine.



#### SLIDERS MIN.



#### SLIDERS MAX.





## AIRBUS A350

### **ENGINE INLET / EXHAUST ACCESS STAND**

- › Cantilevers right into the engine to allow access to fan blades, engine attrition lining, and other maintenance points.
- › Designed for use at front and rear of engine.
- › Can also be used for landing gear access.
- › Towable for transportation between hangars.
- › Optional tool trays for storage of laptops and equipment.



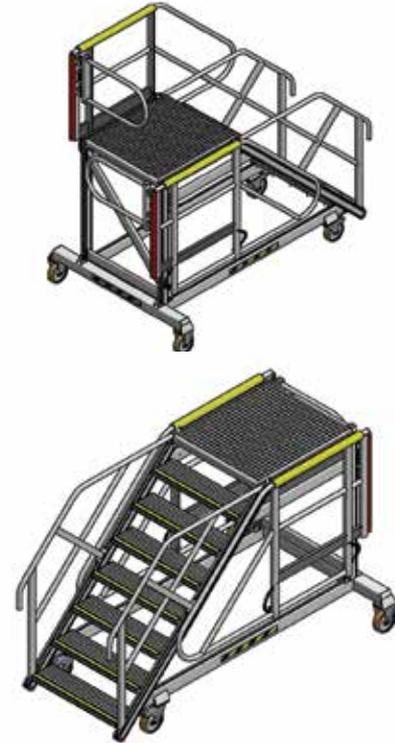


 AIRBUS A350

## OIL CHECK & CHANGE STAND

- › Sliding guardrails for multiple applications around aircraft.
- › Ideal for engine oil checks, avionics access, under fuselage access and more.

### GUARDRAILS LOWERED





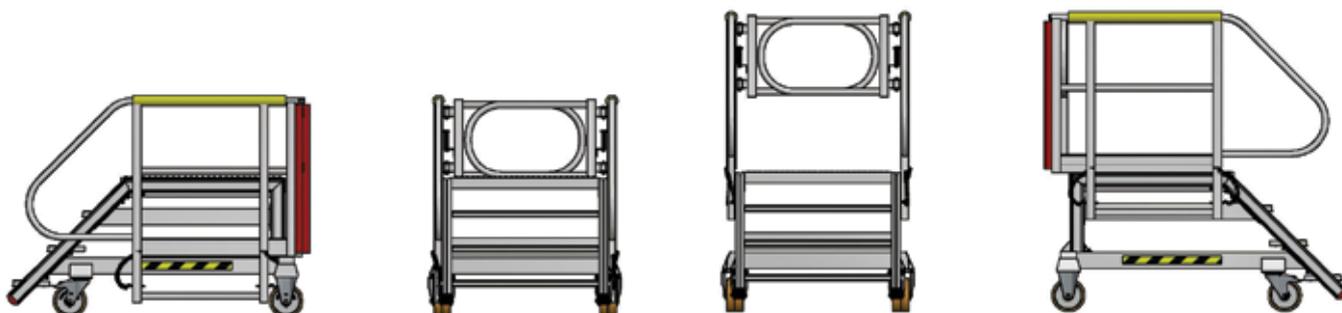
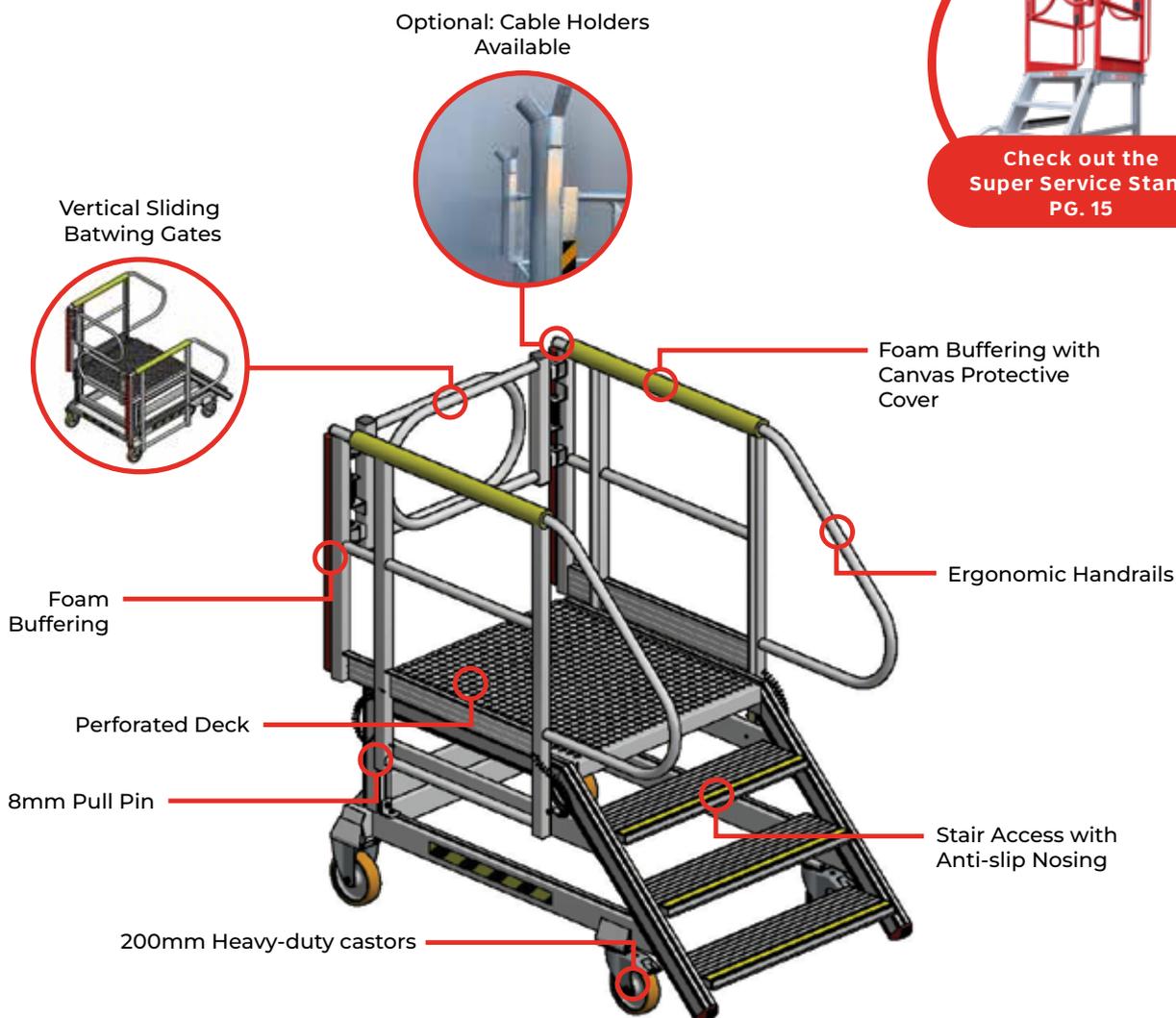
# AIRBUS A350

## AVIONICS ACCESS

- › Available as a towable platform for ease of use on the line.
- › Sliding handrail system locks in at different heights to avoid fuselage clash.
- › Tool trays and cable holders available to maximise versatility for users.



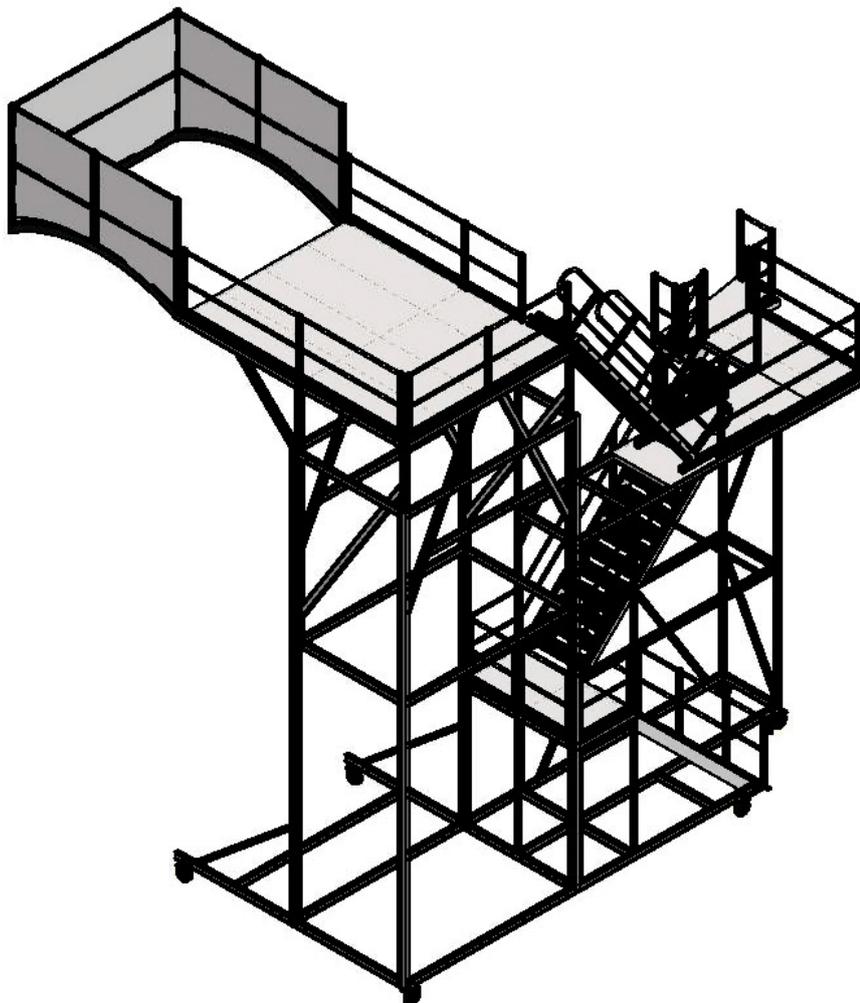
Check out the Super Service Stand PG. 15



 **AIRBUS A350**

## WI-FI ACCESS STAND

- › Provide access for both Wi-Fi and antenna installation and maintenance tasks.
- › Stair access keeps hands free for carrying tools/parts.
- › Tow kit available.
- › Davit arm option, for lifting the Wi-Fi module to/from hangar floor and positioning on the aircraft.
- › Lighting for night operations or low light scenarios.
- › Power outlets and compressed air outlets can be included for self-contained operation.
- › Loop guardrail frame includes foam buffering and skirts to prevent any dropped objects or damage to the aircraft.
- › Available with or without rear door access module.



### ADJUSTS TO SUIT:

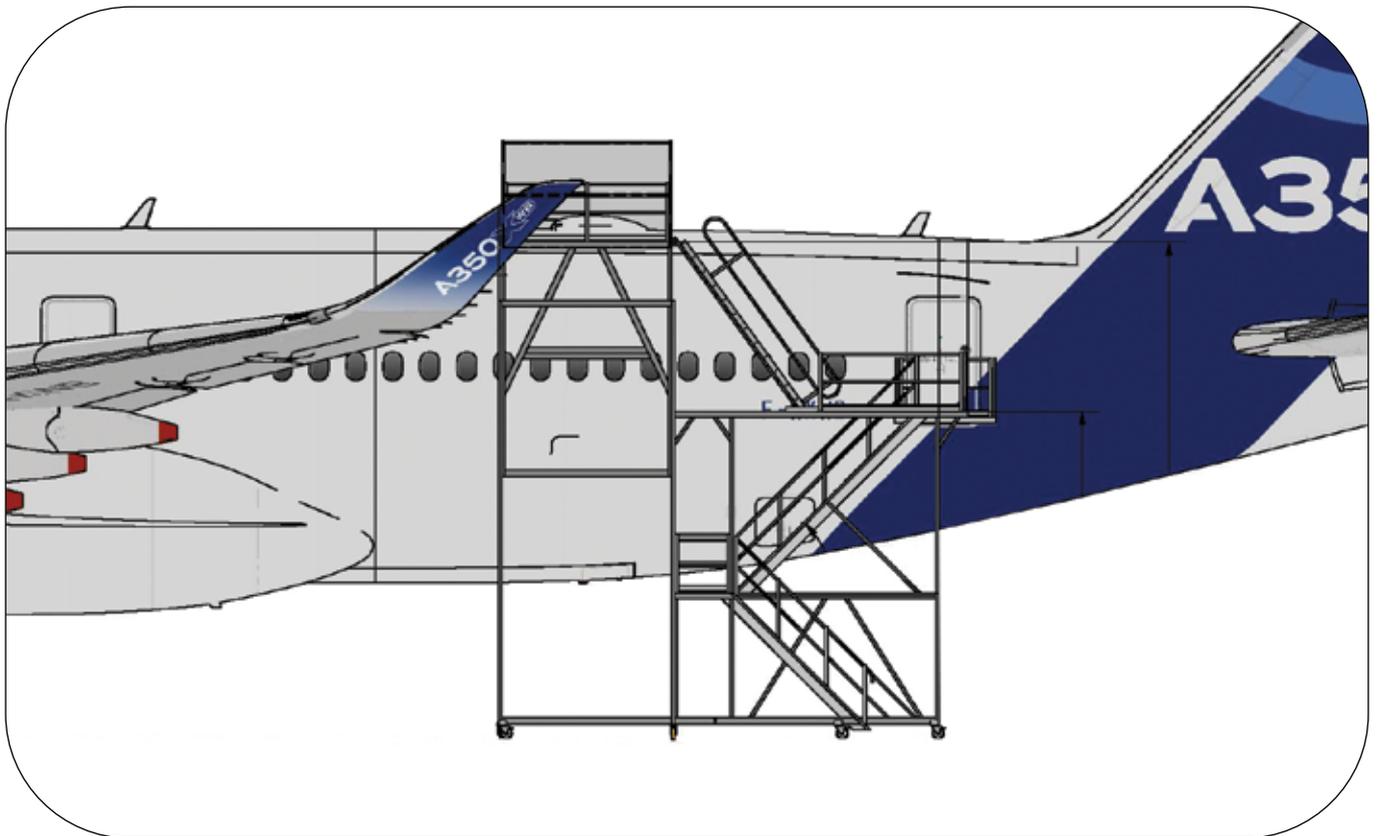
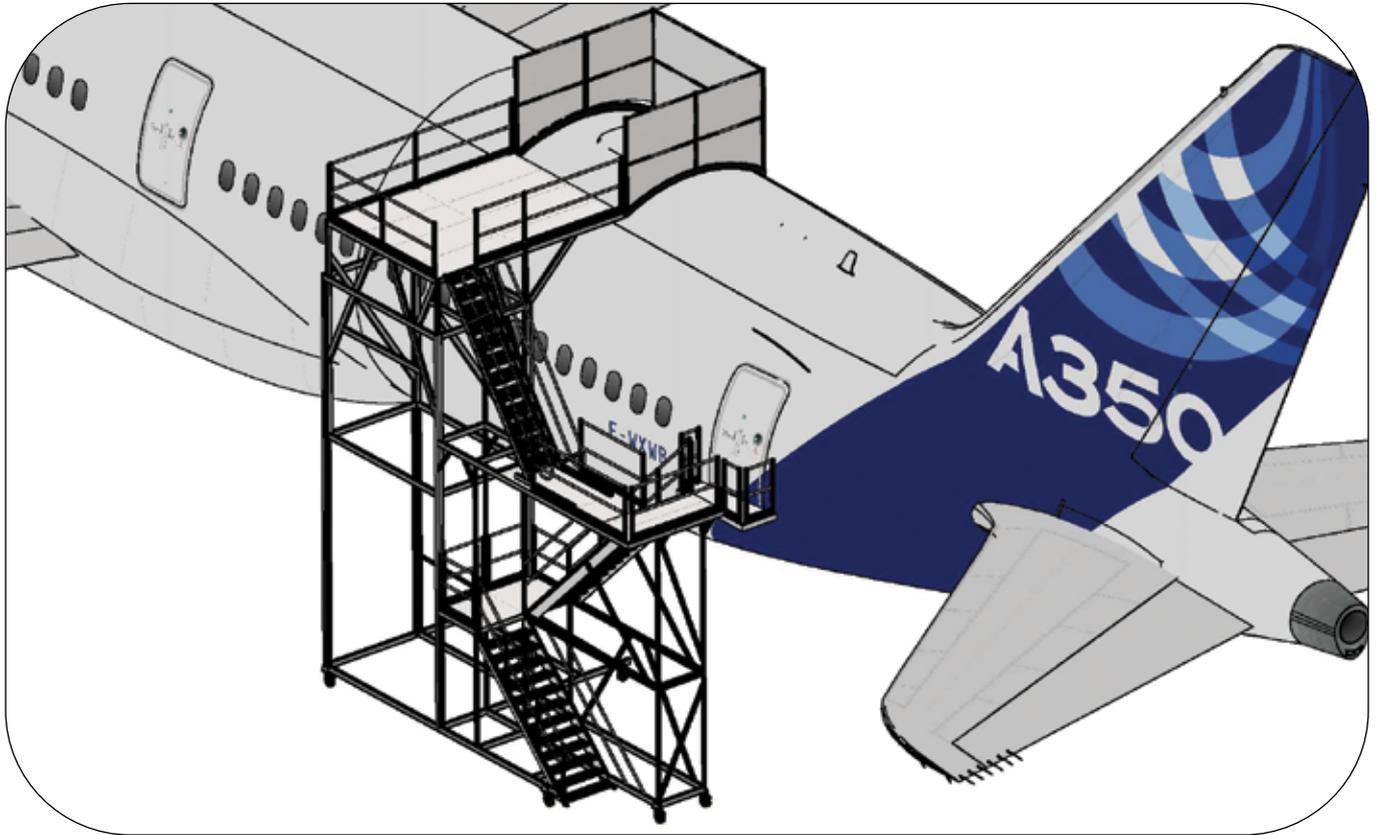
A330 | A350 | B777 | B787

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



## AIRBUS A350

### WI-FI ACCESS STAND





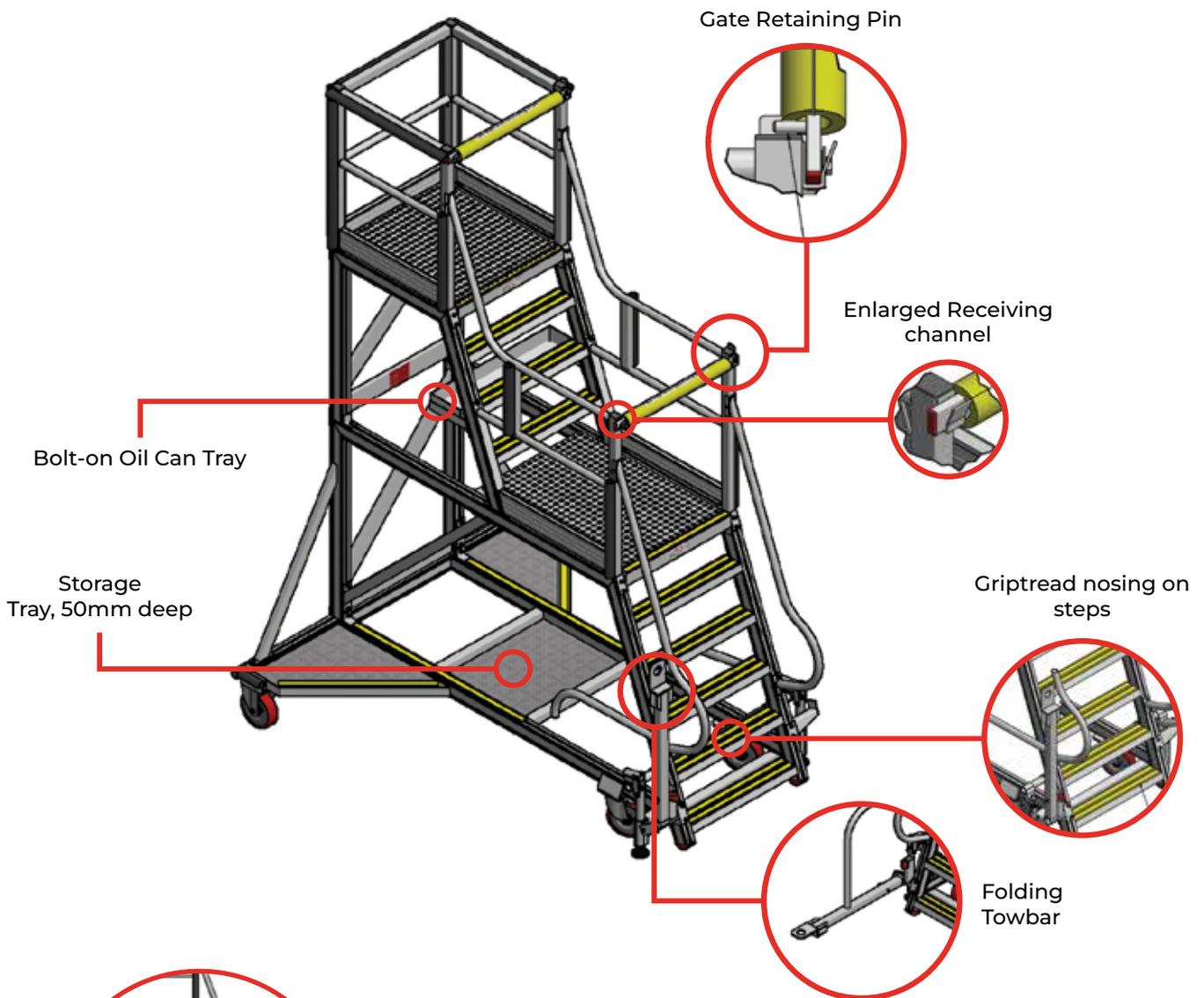
# AIRBUS A380

## DUAL LEVEL OIL CHECK STAND

- › Towable and wind-rated for use on the line.
- › Includes oil and tool storage compartments.
- › Different platform levels, for inboard and outboard engines.
- › Storage tray under platform to catch oil.
- › Unique lever actuated locking system and tow bar.



NEED AN ADJUSTABLE OPTION?  
CHECK OUT THE EASYRAISE  
PG. 16-17



### BRAKING SYSTEM

- › Brake Handle Stay Mechanism.
- › Brake handle when raised lowers feet.



## AIRBUS A380

### DUAL LEVEL OIL CHECK STAND



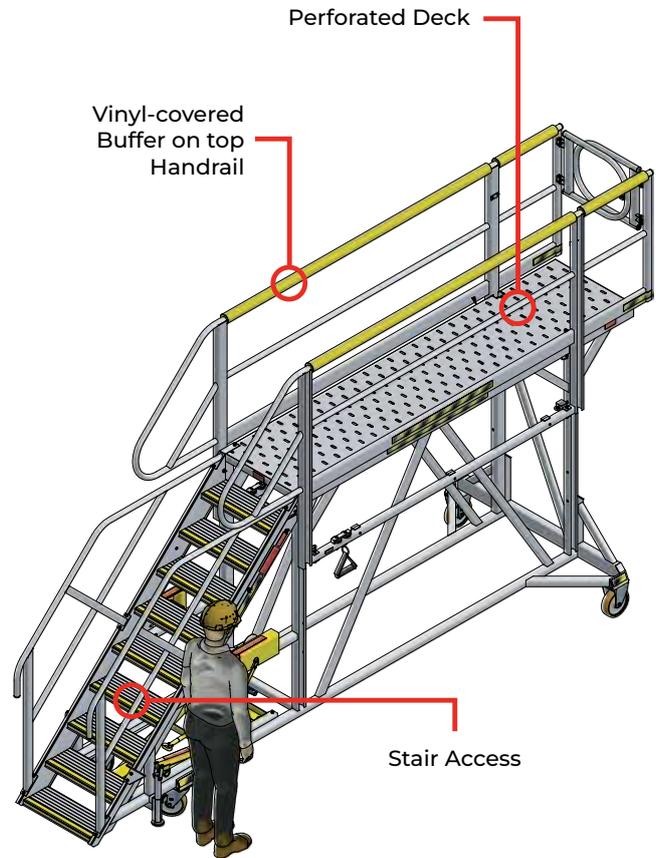
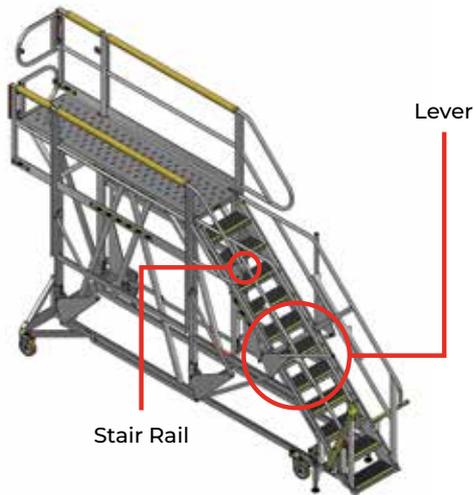


## AIRBUS A380

# UNDERCOWL ACCESS PLATFORM

- › Different height platforms available, to suit inboard and outboard engines.
- › Height adjustable platform options also available.
- › Sliding height adjustable guardrails, for ultimate useability.
- › Narrow footprint to allow a stand to be used on either side of the engine.
- › Towable and wind-rated for use on the line.

### LEVER ACTIVATED GUARDRAILS ALSO AVAILABLE

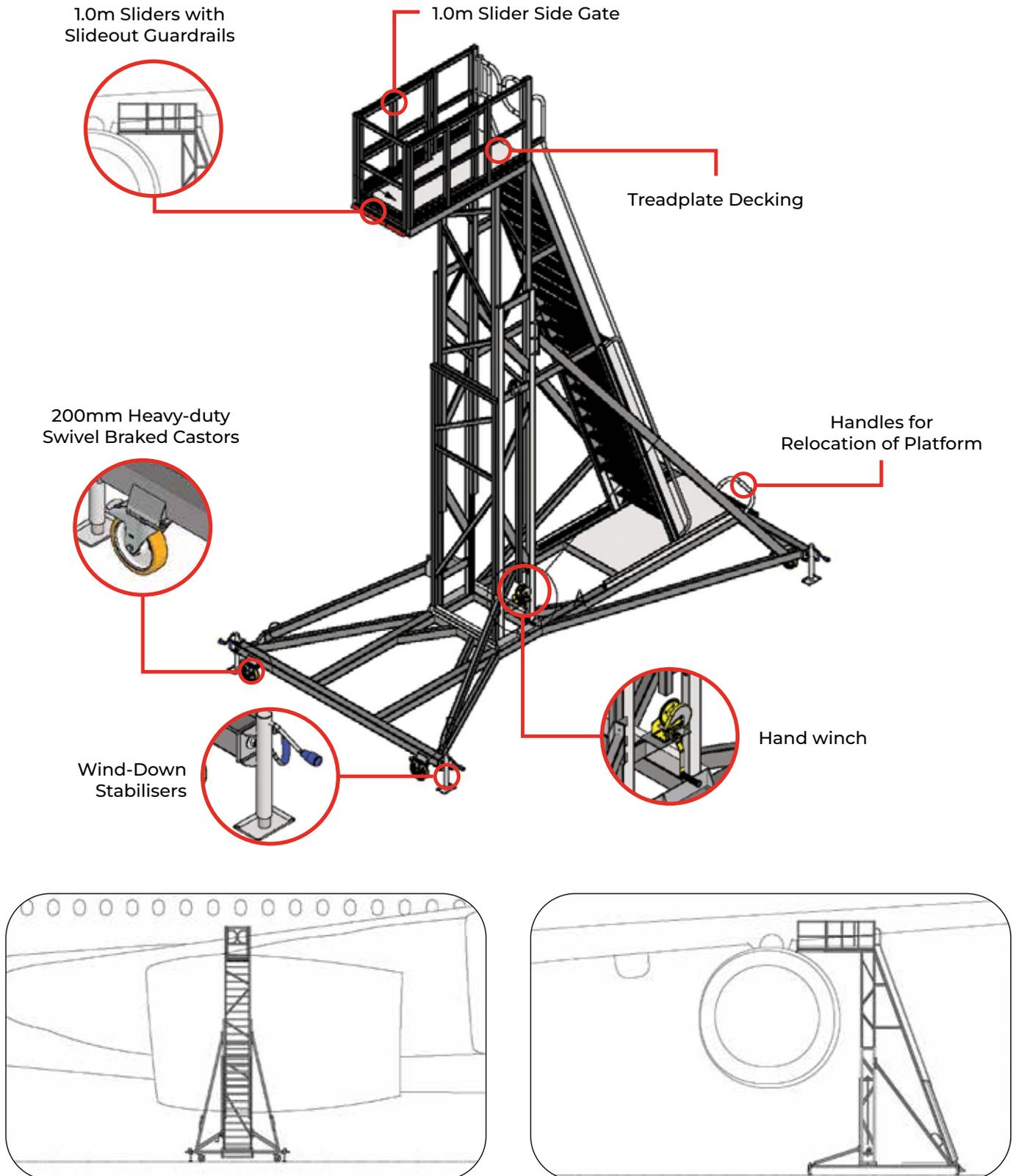




## AIRBUS A380

### ENGINE PYLON ACCESS PLATFORM

- › Designed for inspections and access onto the engine pylon area.
- › Sliding cantilever platform ensures versatility of use for various aircrafts.

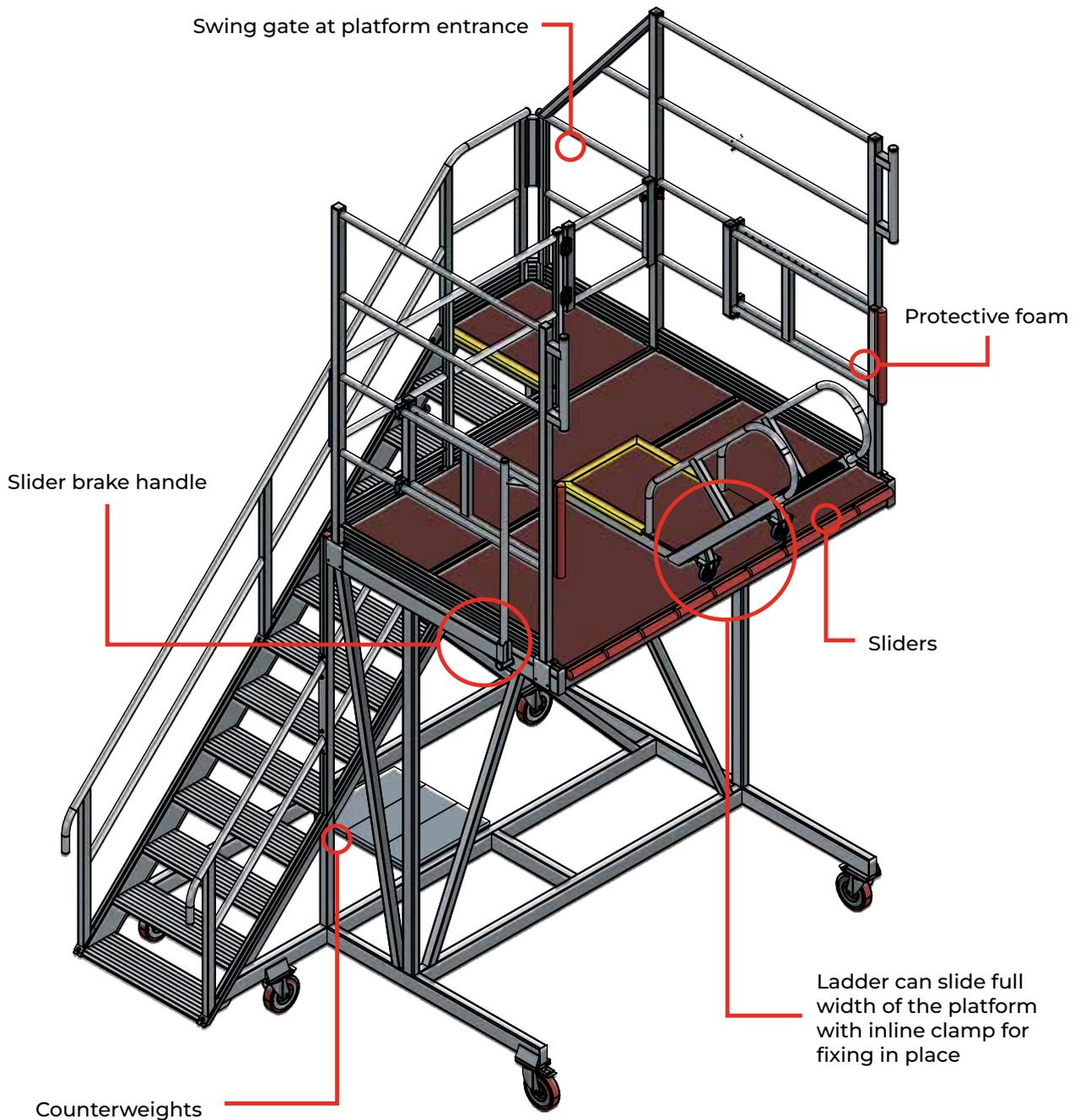




 AIRBUS A380

## TRENT 900 ENGINE PLATFORM

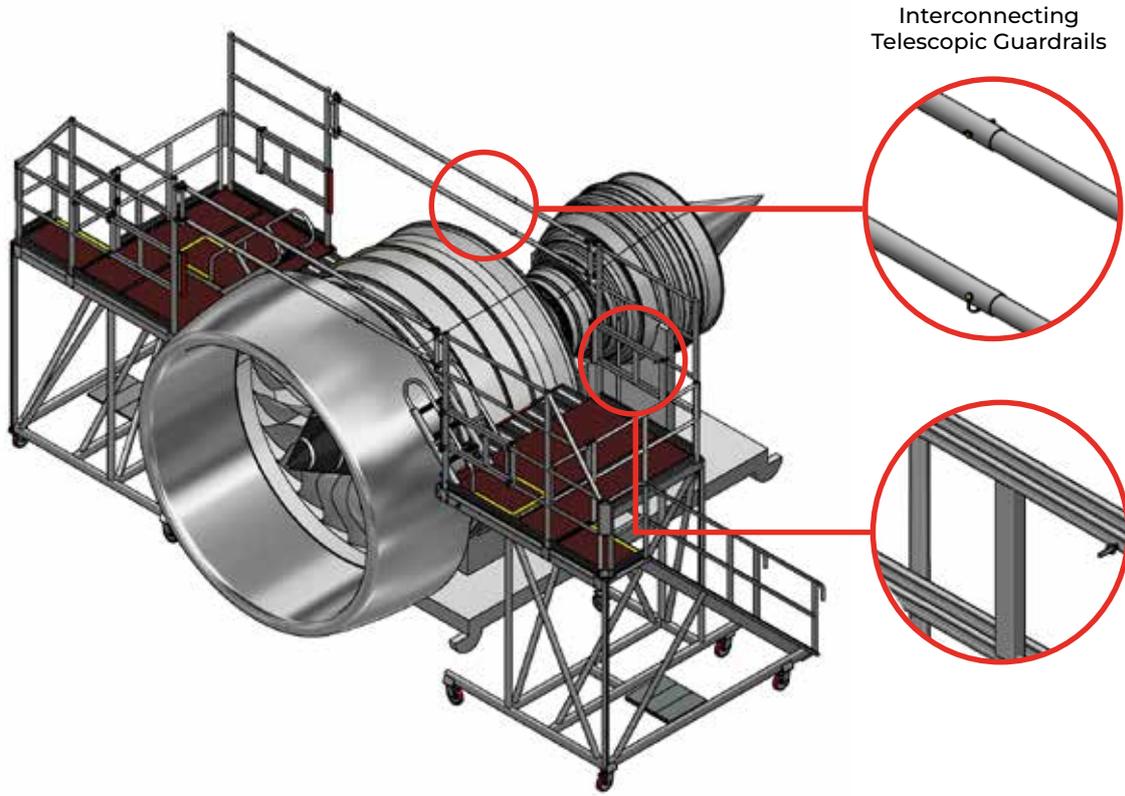
- › Ladder on the platform deck can slide full width of platform with inline clamp for fixing in place.
- › Adjustable sliders contour to varying engine profiles.
- › Extended guardrails link across the engine and provide fall protection whilst the ladder is in use.





# AIRBUS A380

## TRENT 900 ENGINE PLATFORM



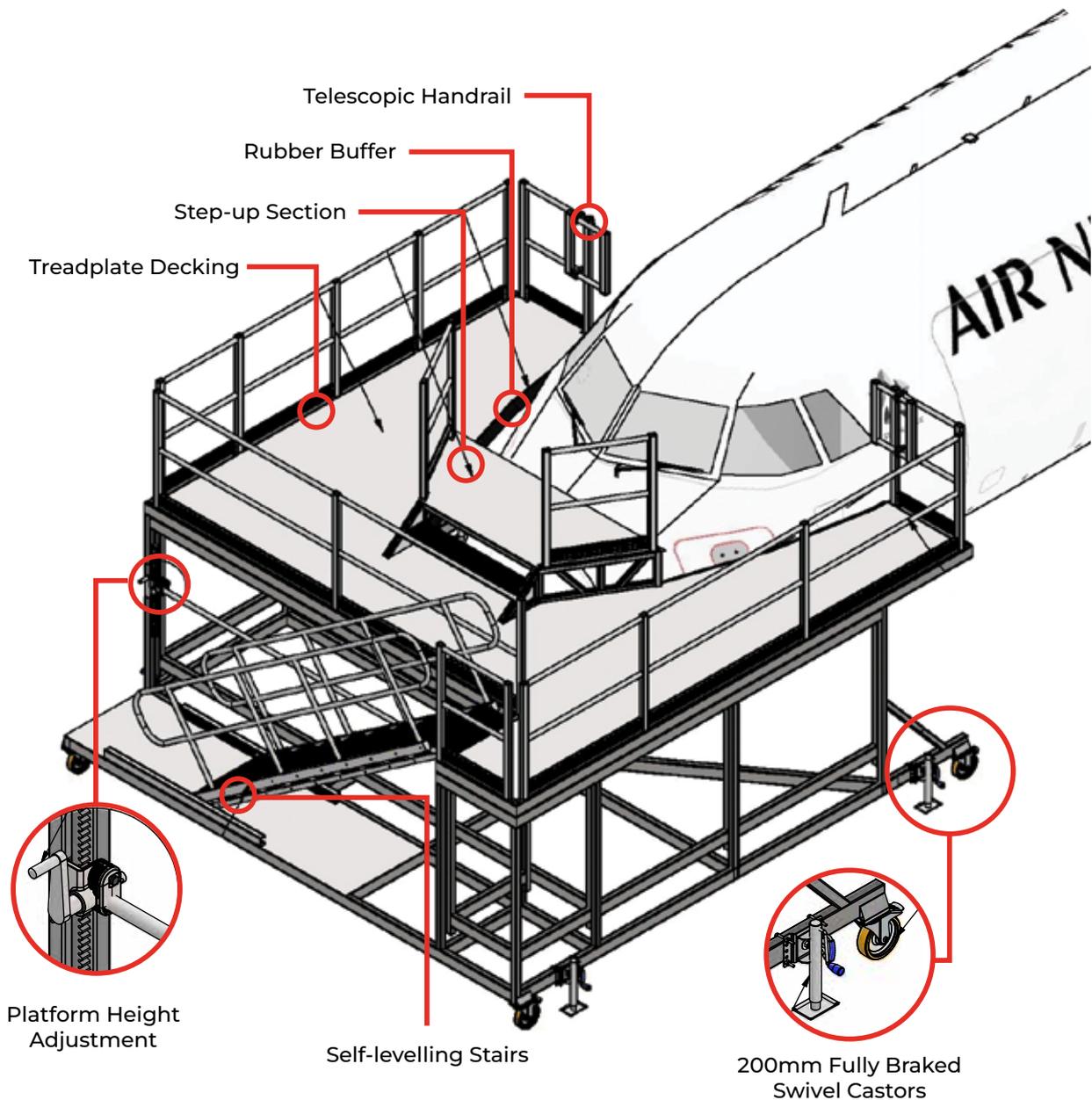
Interconnecting Telescopic Guardrails



 **ATR ATR 72**

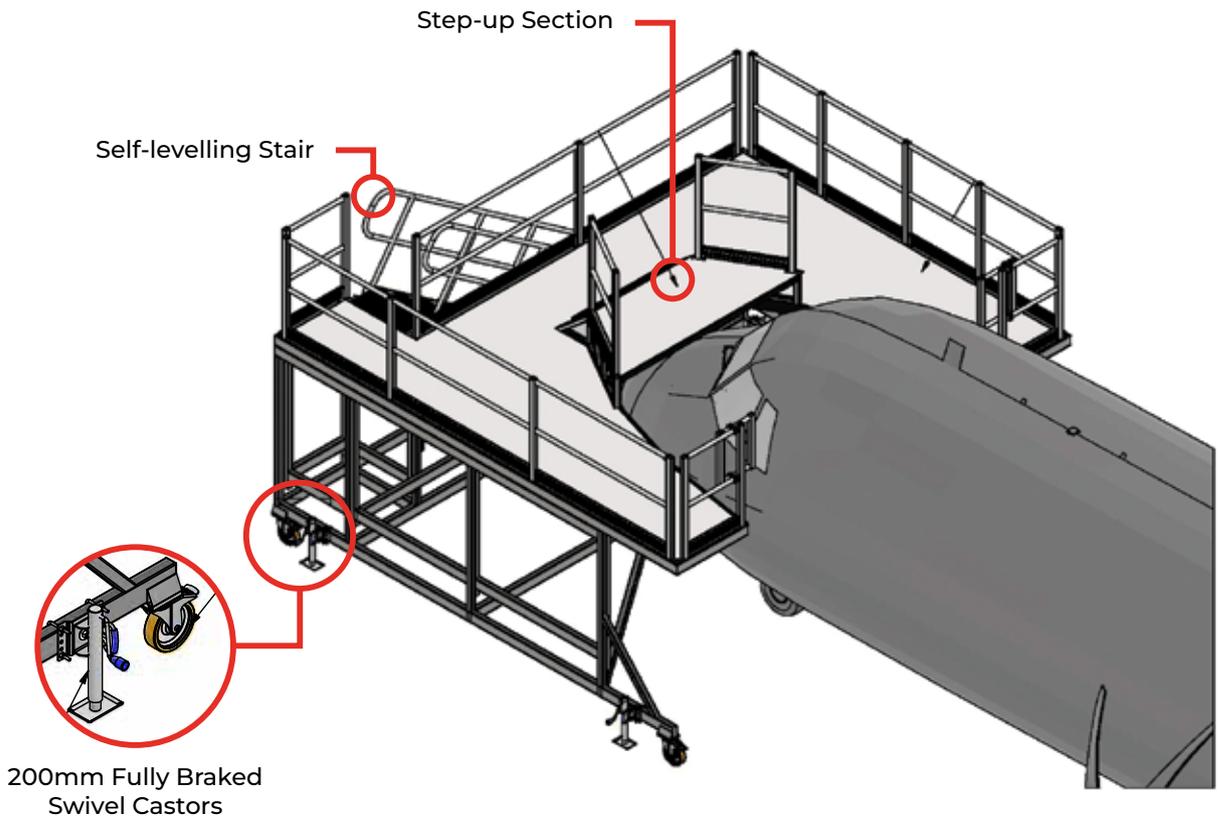
## NOSE DOCK PLATFORM

- › Height Adjustable Nose Dock to cater for the ATR-72 Aircraft either jacked or unjacked.
- › Height Adjustment via winch, worm drive, rack and pinion or hydraulic method (according to customer preference).
- › Removable step-up section provides access to the centre of the windscreen, and when lifted off allows access to inspect and remove the radome.
- › Sliding handrails to configure to fuselage and eliminate any gaps between the platform and the aircraft.
- › Self-levelling stairs travel vertically as the dock is adjusted in height.

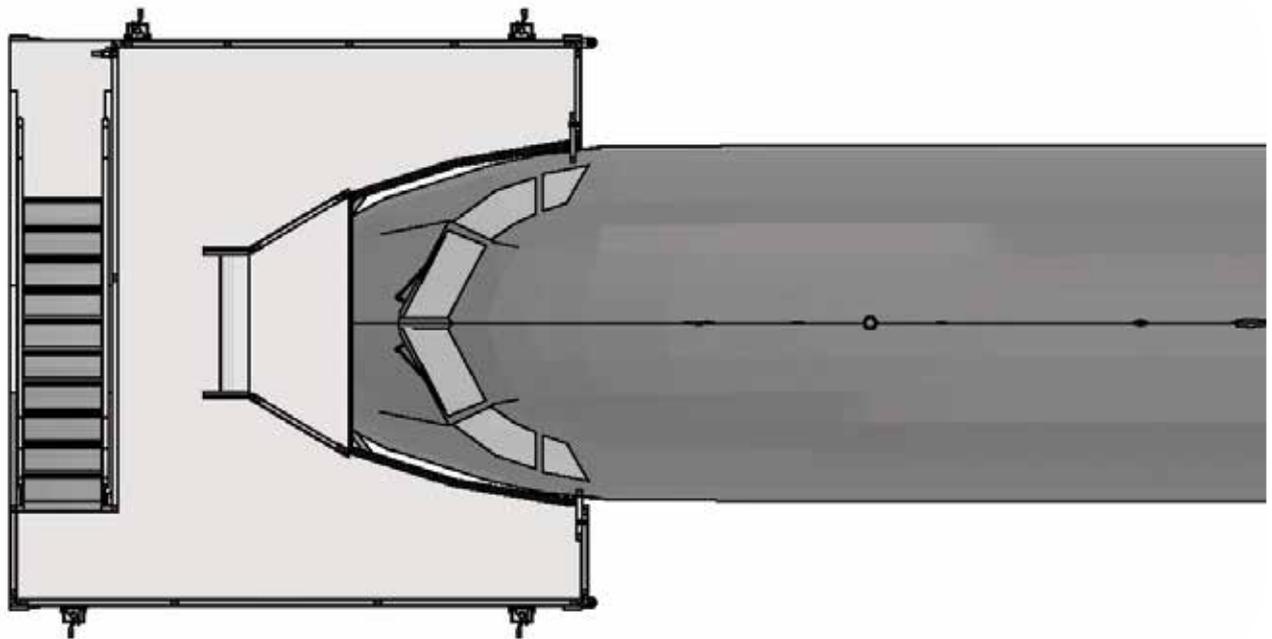




# ATR ATR 72



## TOP VIEW

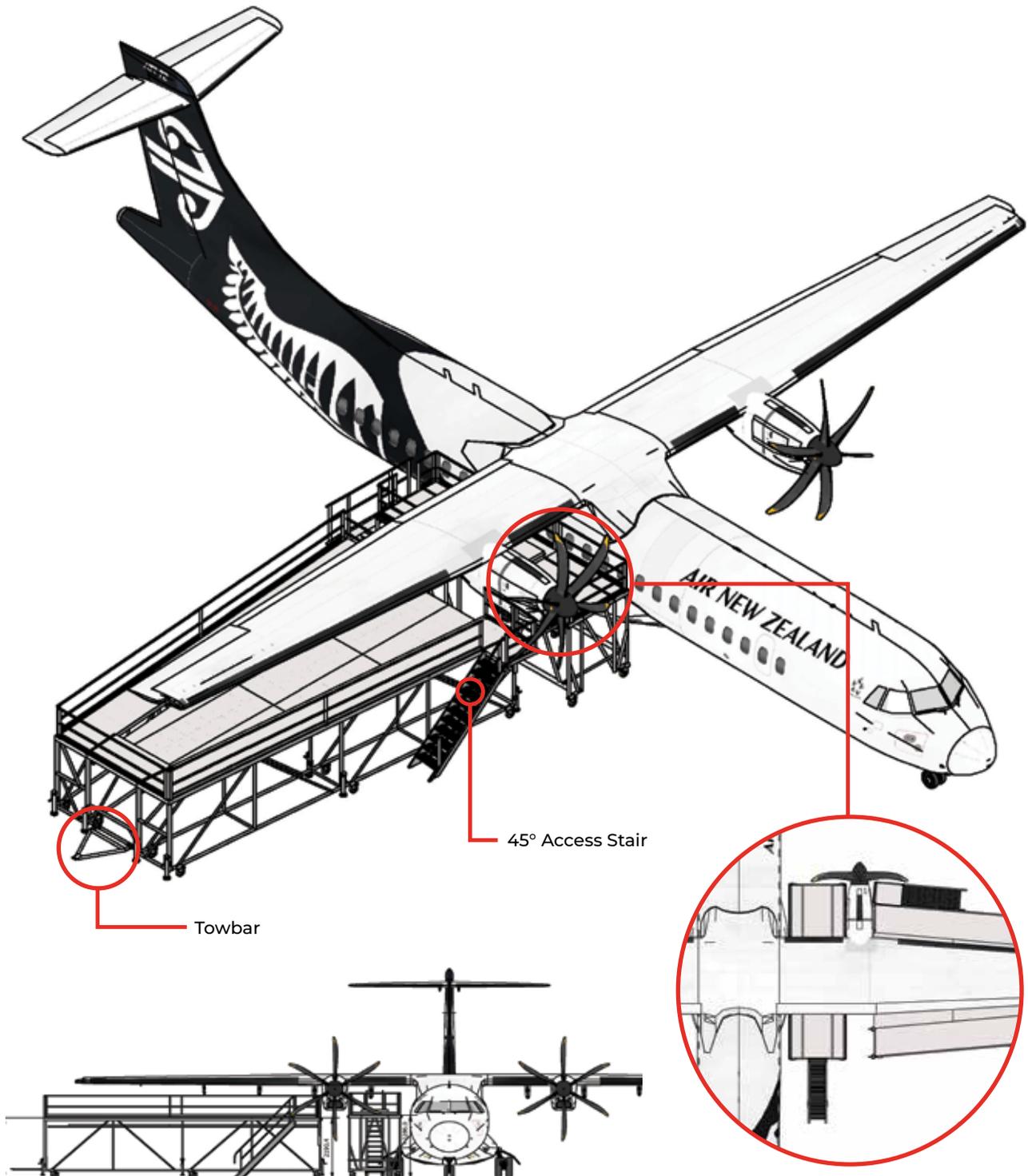




## ✈️ ATR ATR 72

### WING DOCK

- › Dock comprises of an inner and outer platform set, to provide access to full length of wing and engines.
- › Dual-level platform, to provide access under and over wing.
- › Sliders to configure to cowling shape around engines.
- › Towable for ease of relocation.
- › Inner platform has a open frame design to allow for the jack to be positioned or relocated.

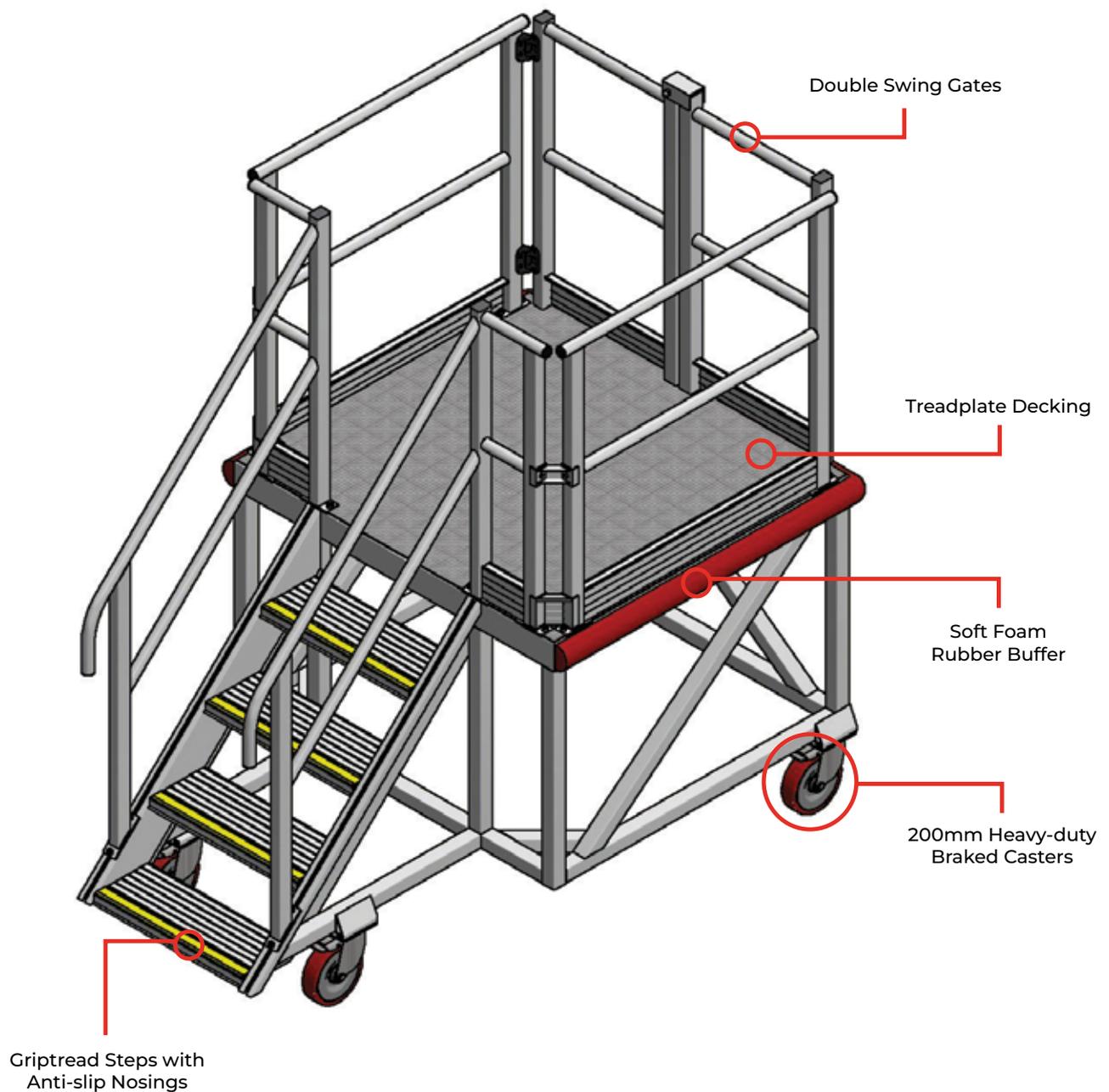




## ATR ATR 72

### CARGO DOOR PLATFORM

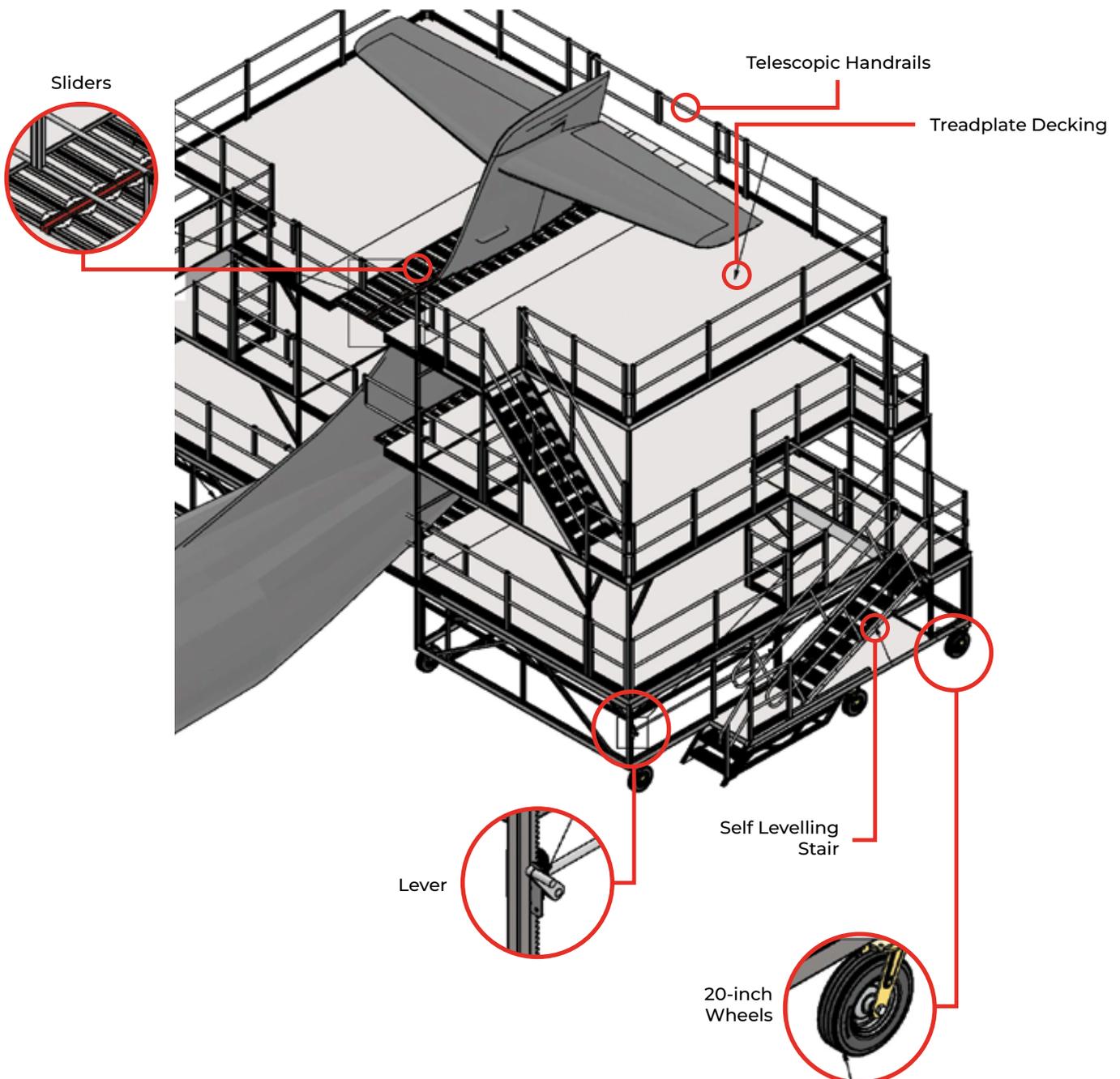
- › Dual purpose stand - designed to be used for access into the cargo hold or as a general purpose maintenance stand.
- › Double swing gates open right up, for unimpeded access into the cargo hold.
- › Foam/rubber buffering to all sides for optimum aircraft protection.



 **ATR ATR 72**

## **TAIL DOCK**

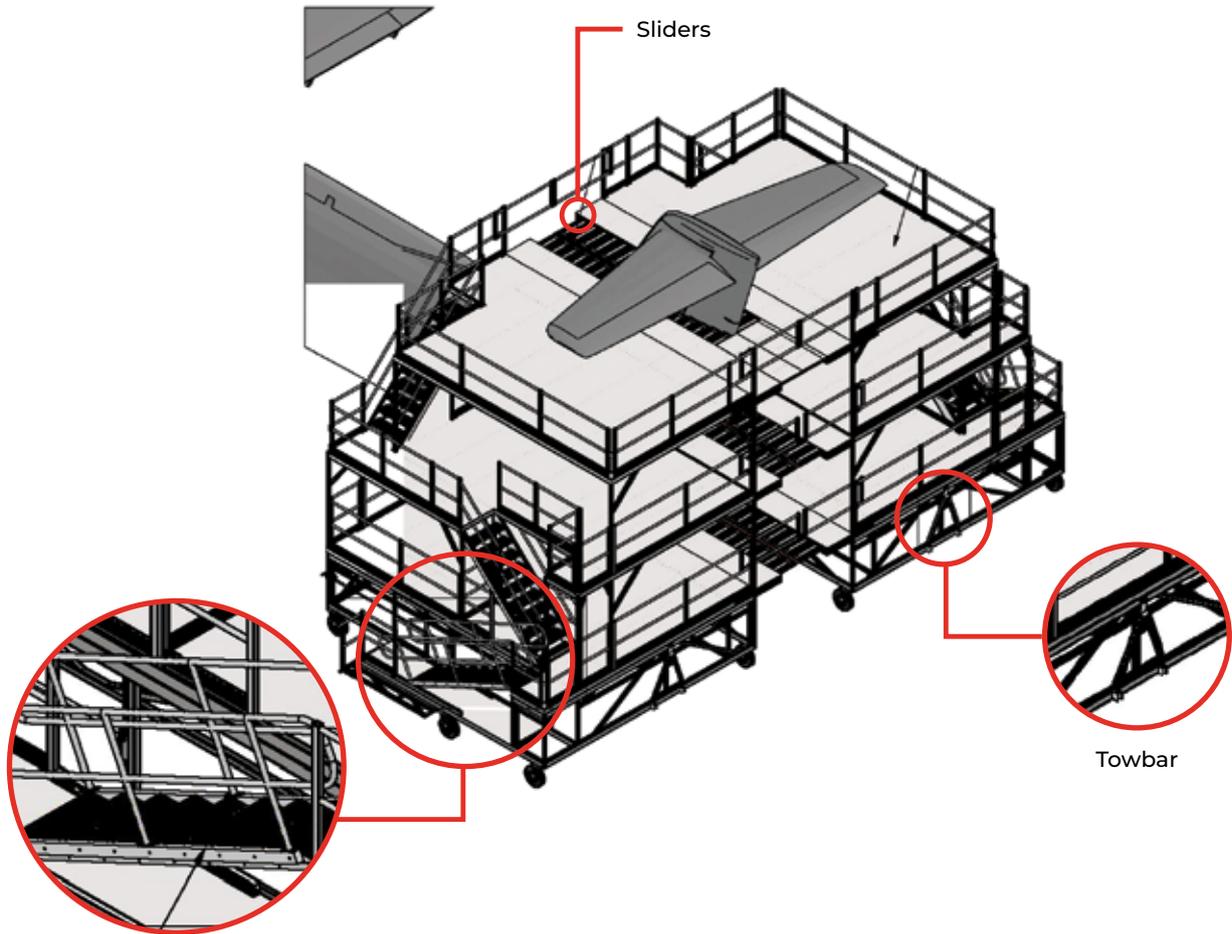
- › Adjustable height Tail Docking system to fit the ATR-72 jacked or unjacked.
- › Mobile in two sections for ease of manoeuvrability .
- › Sliding fingers auto-lock in position to match aircraft's profile.
- › Over-length sliders to allow for ease of moving aircraft into position, if docks are already in place.
- › Sliders can retract to allow aircraft parts to be lowered through the profile of the dock or for rudder throw tests, removal and replacement.





# ATR ATR 72

## TAIL DOCK

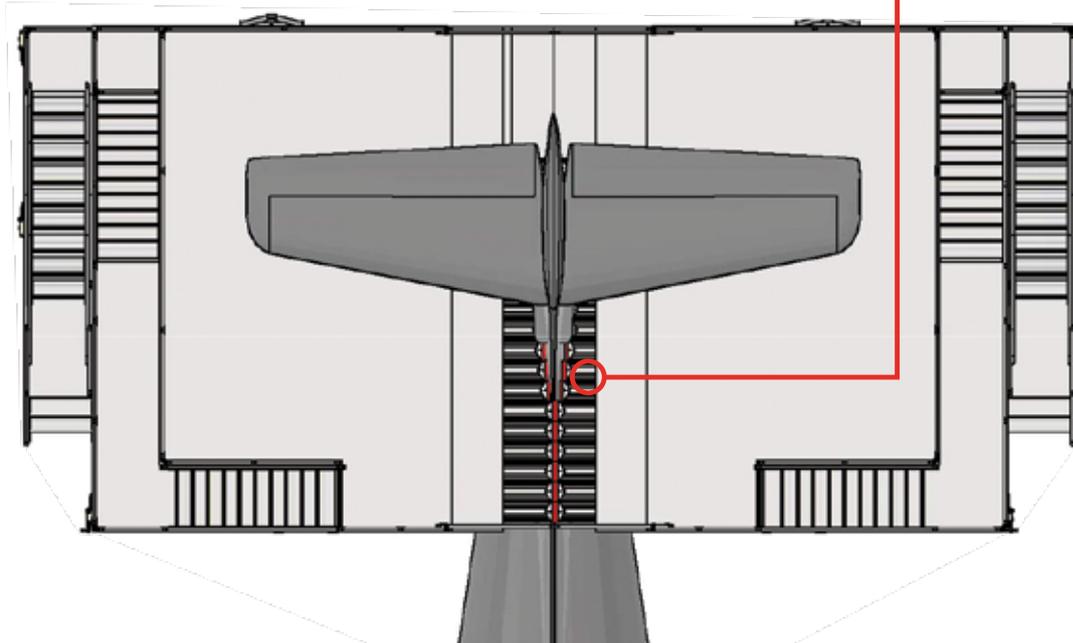


Self-levelling Stair

Sliders

Towbar

### TOP VIEW



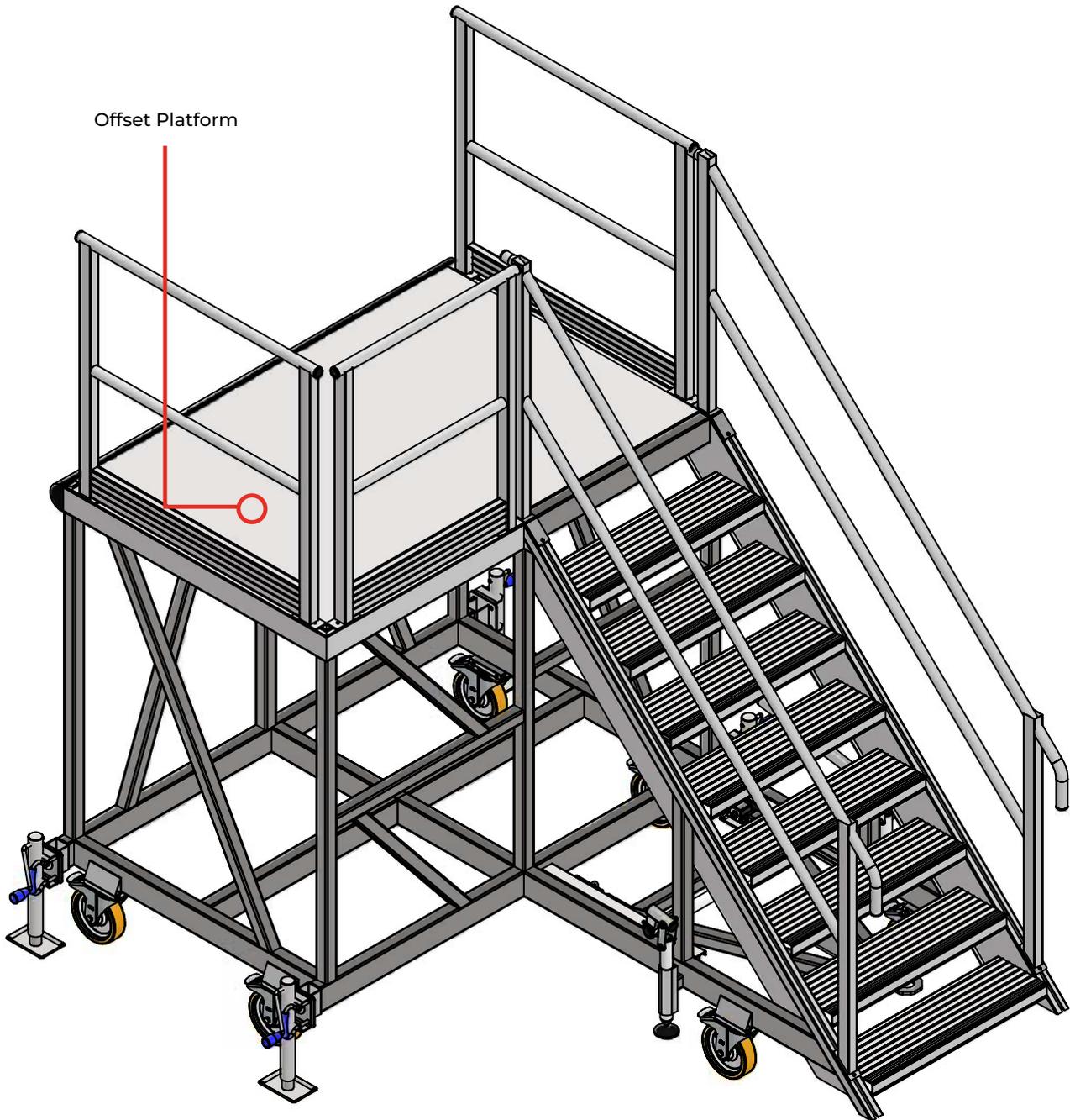
Sliders contour to the vertical Stabiliser



BAE 146

## MAIN DOOR MOBILE ACCESS STAIRS

- › Offset configuration to allow for cabin door to open completely on the platform.
- › Oversize platform for tools and materials.
- › Buffering to all aircraft contact points.

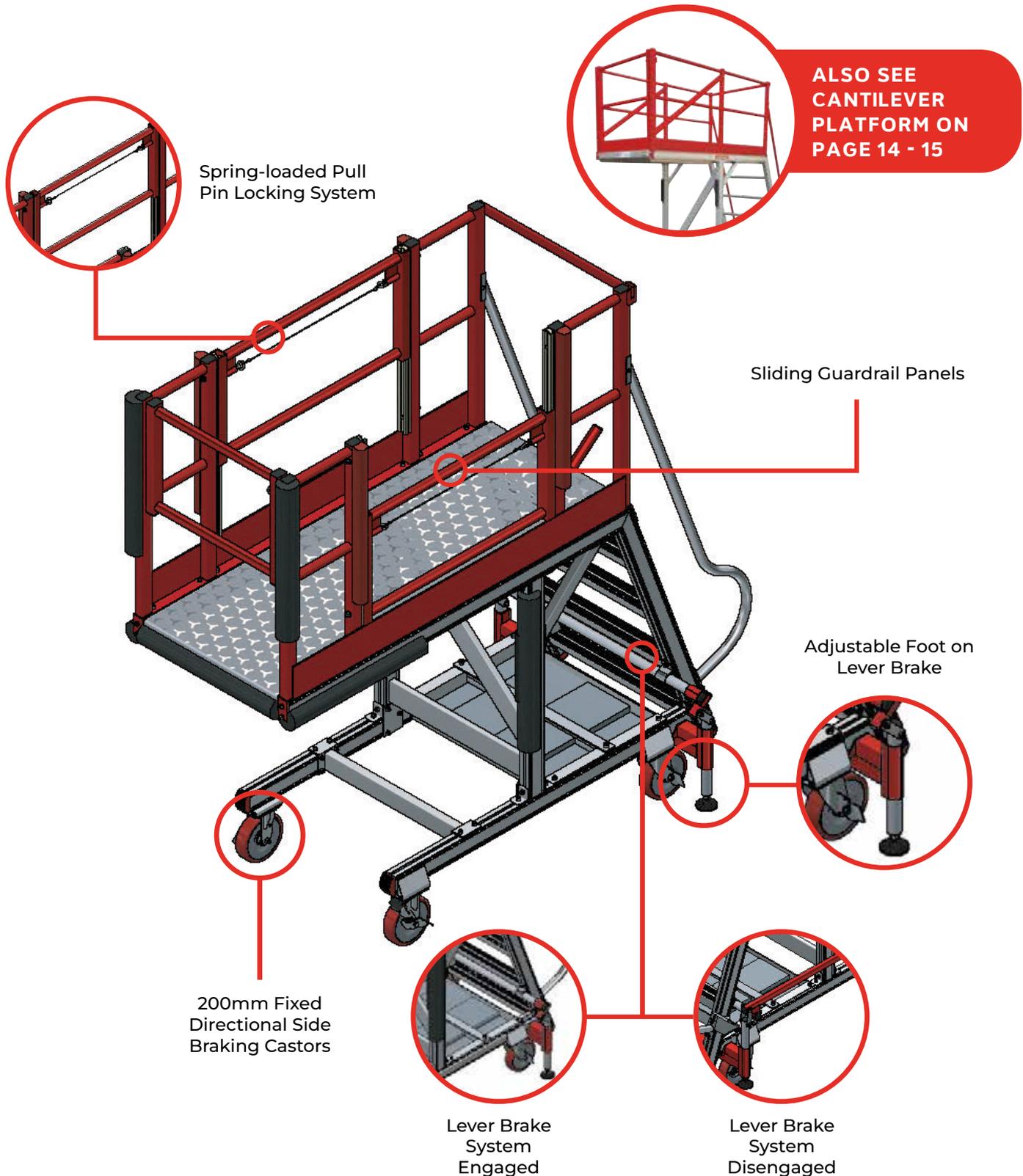




## BAE HAWK FIGHTER

### OVER-WING ACCESS STAND

- › Self-supporting cantilever reaches over wing.
- › Spring loaded platform guardrails, can be raised and lowered in seconds to provide access to all aircraft fuselage and engines.
- › Platform is also utilised for multiple other maintenance tasks on the aircraft.





## BAE HAWK FIGHTER

### TAIL ACCESS STAND

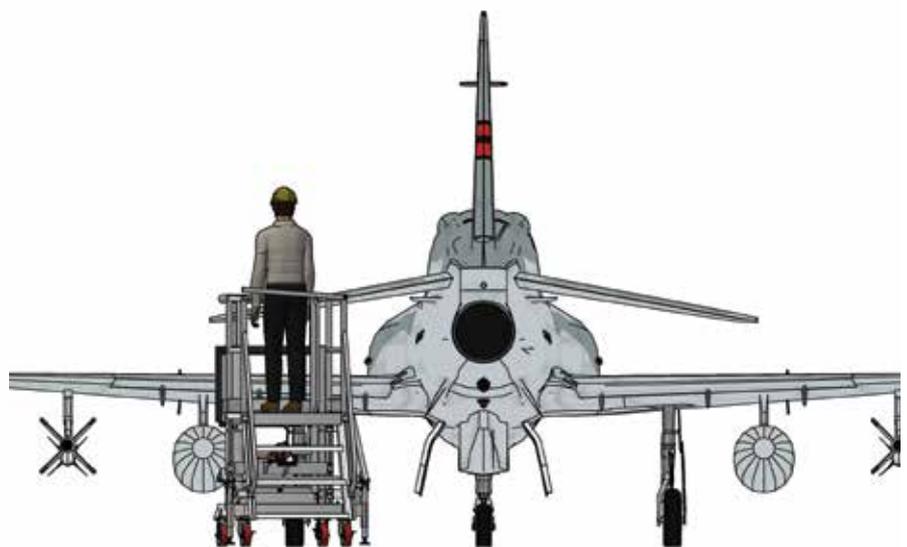
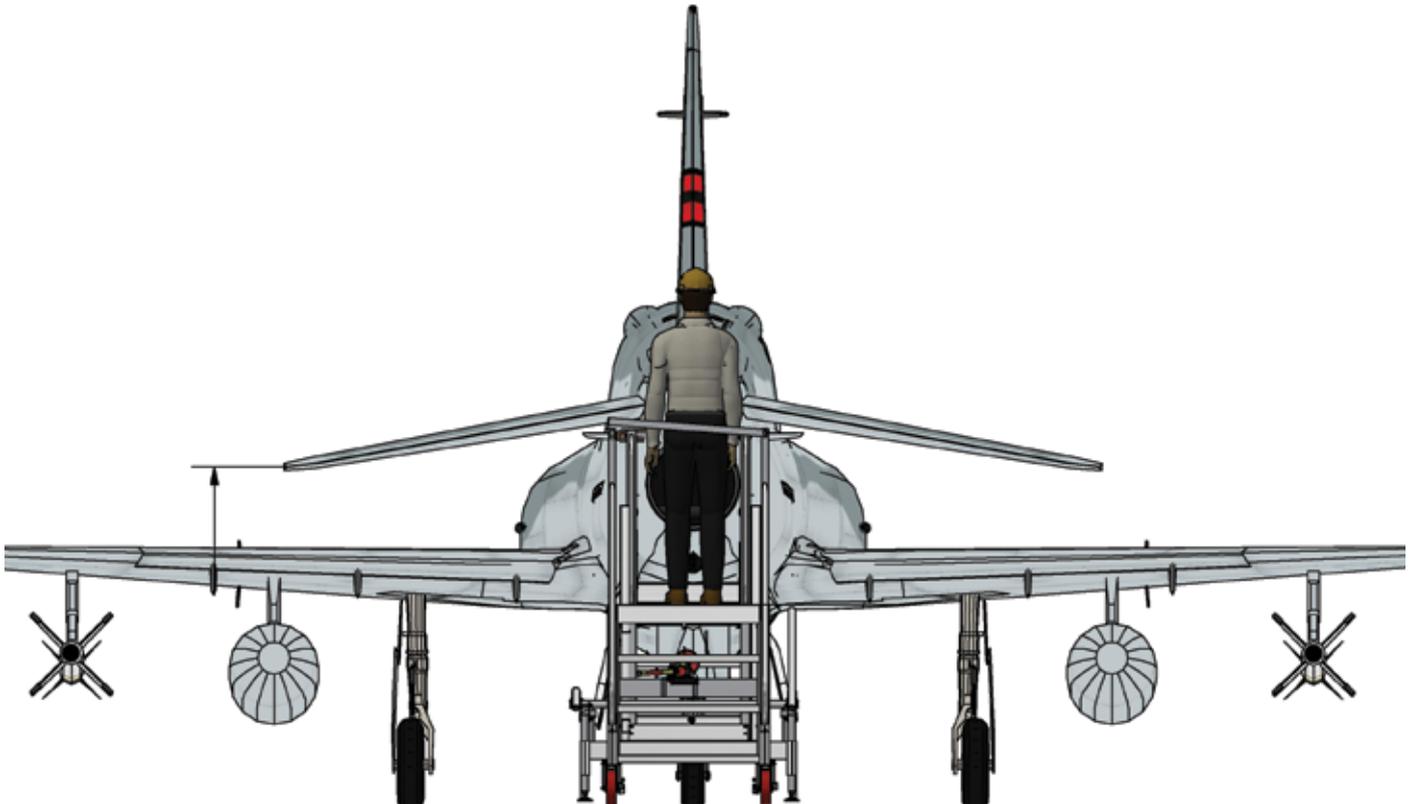
- › Adjustable height for varying applications and to suit the stages through the application.
- › Removable panel allows access for the user into the engine bay.
- › Guardrails configured, to allow positioning against the aircraft without conflicting with the horizontal stabilisers.





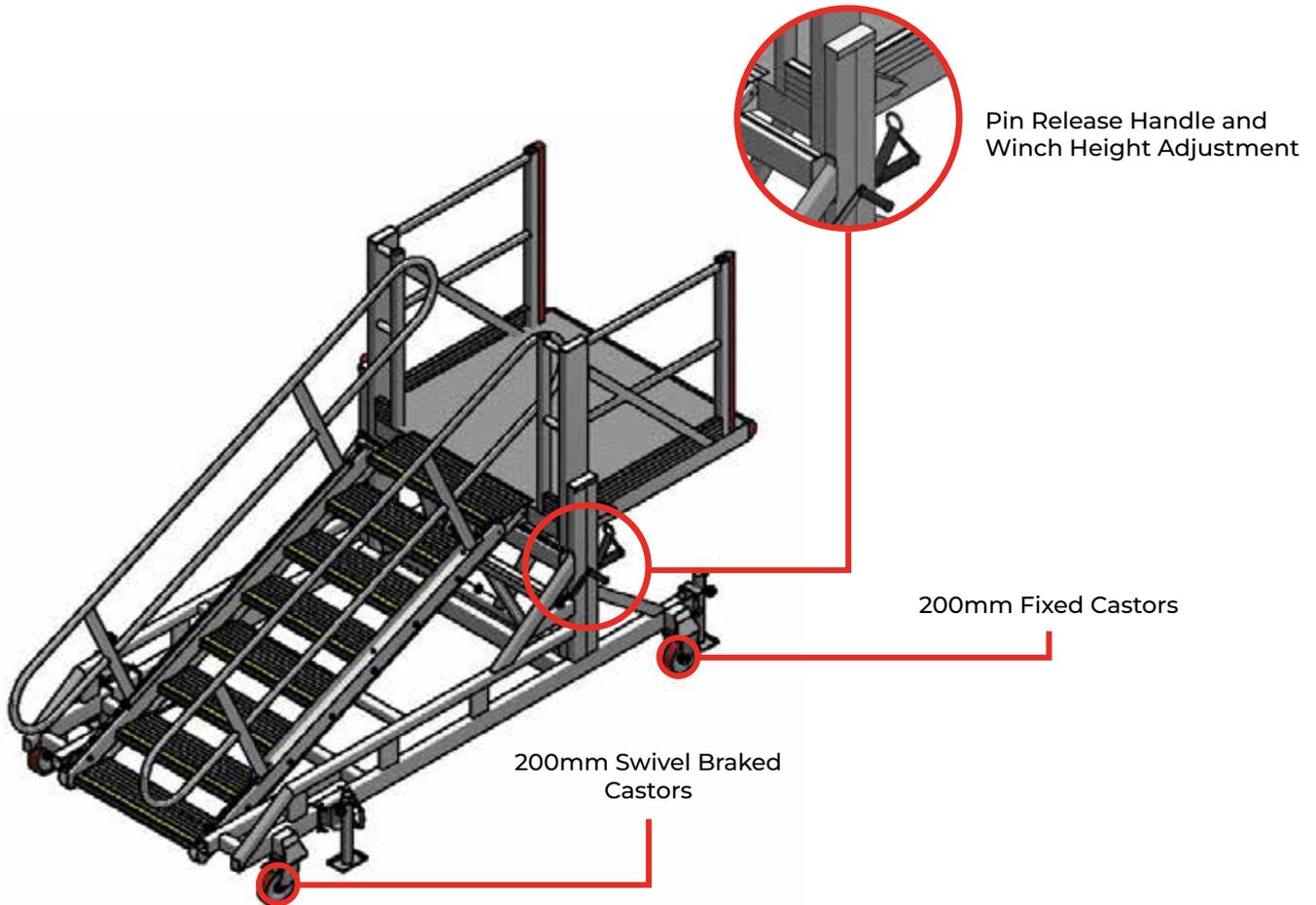
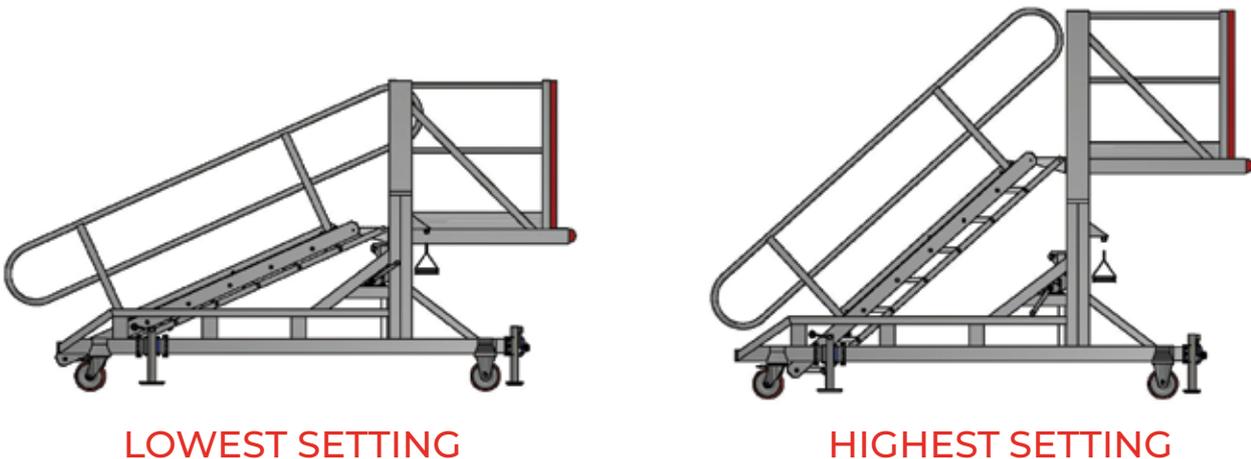
# BAE HAWK FIGHTER

## TAIL ACCESS STAND



**BEECHCRAFT B250****MAIN DOOR ACCESS STAND**

- › Fully configurable, height adjustable platform to allow for varying door heights.
- › Adjustable in seconds via a manual winch.
- › Other adjustable options (e.g. hydraulic) also available.
- › Cantilevered platform allows for use on other areas of the aircraft as required.

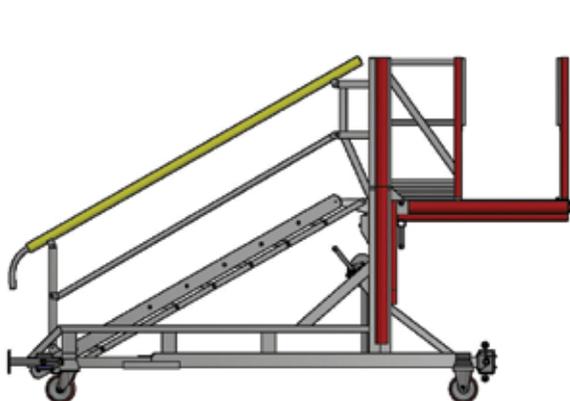
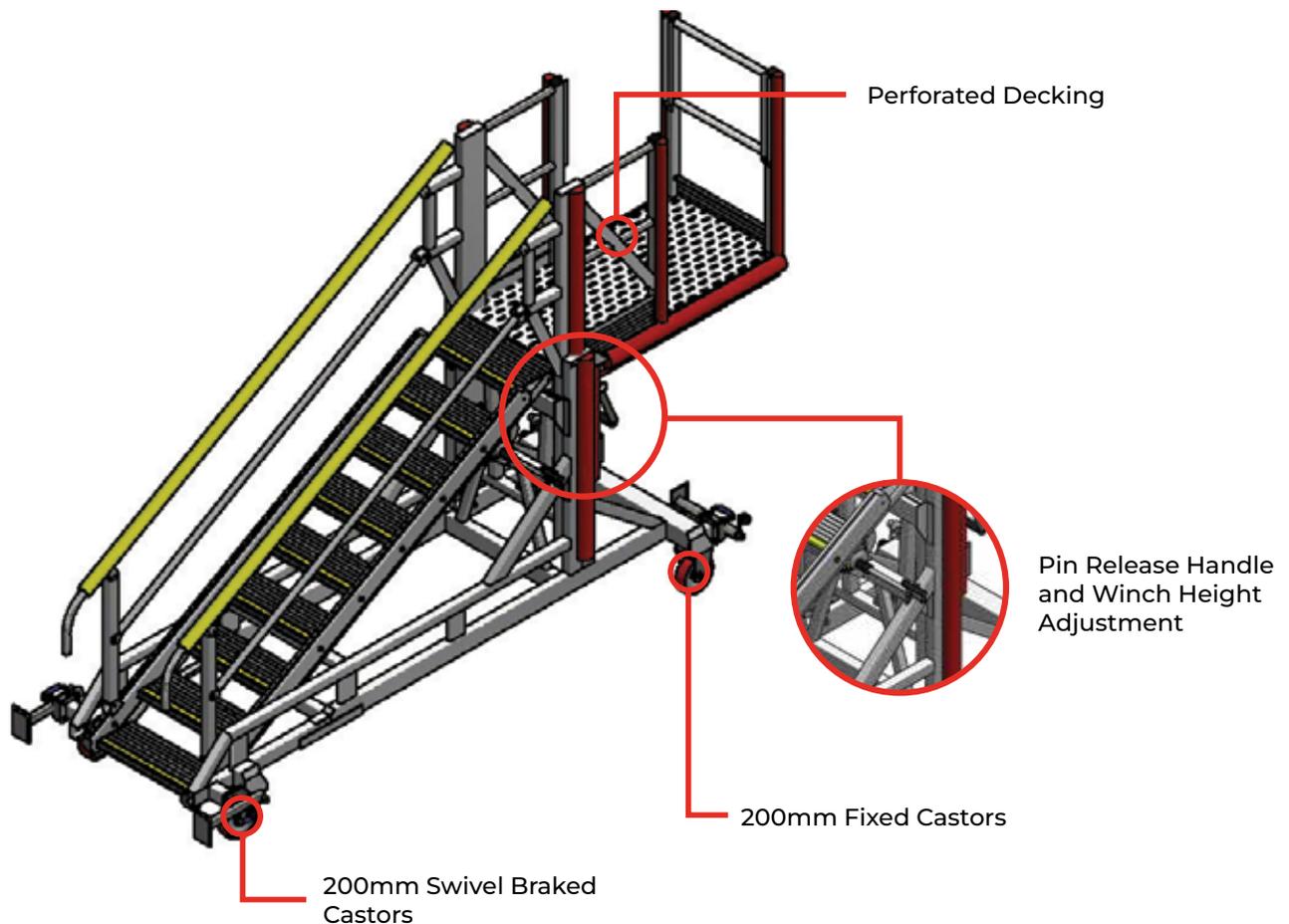
**HEIGHT ADJUSTMENT OPTIONS**



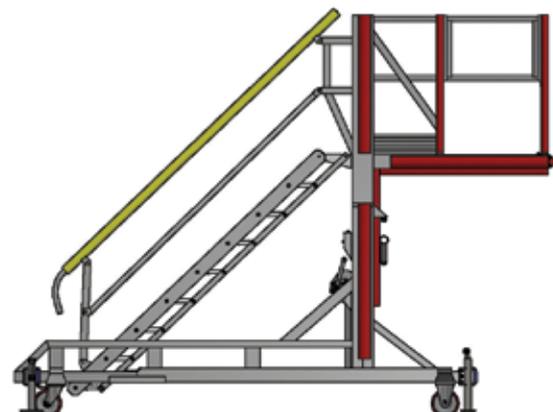
## BEECHCRAFT B250

### EMERGENCY EXIT ACCESS STAND

- › Platform is adjusted in height via a manual winch.
- › Side access configuration to allow for parallel configuration in aircraft hangar.
- › Gates on both sides of the platform, means platform can be configured for access from either side.
- › Adjustable height design optimises utility for other maintenance tasks on the aircraft.



LOWEST SETTING



HIGHEST SETTING



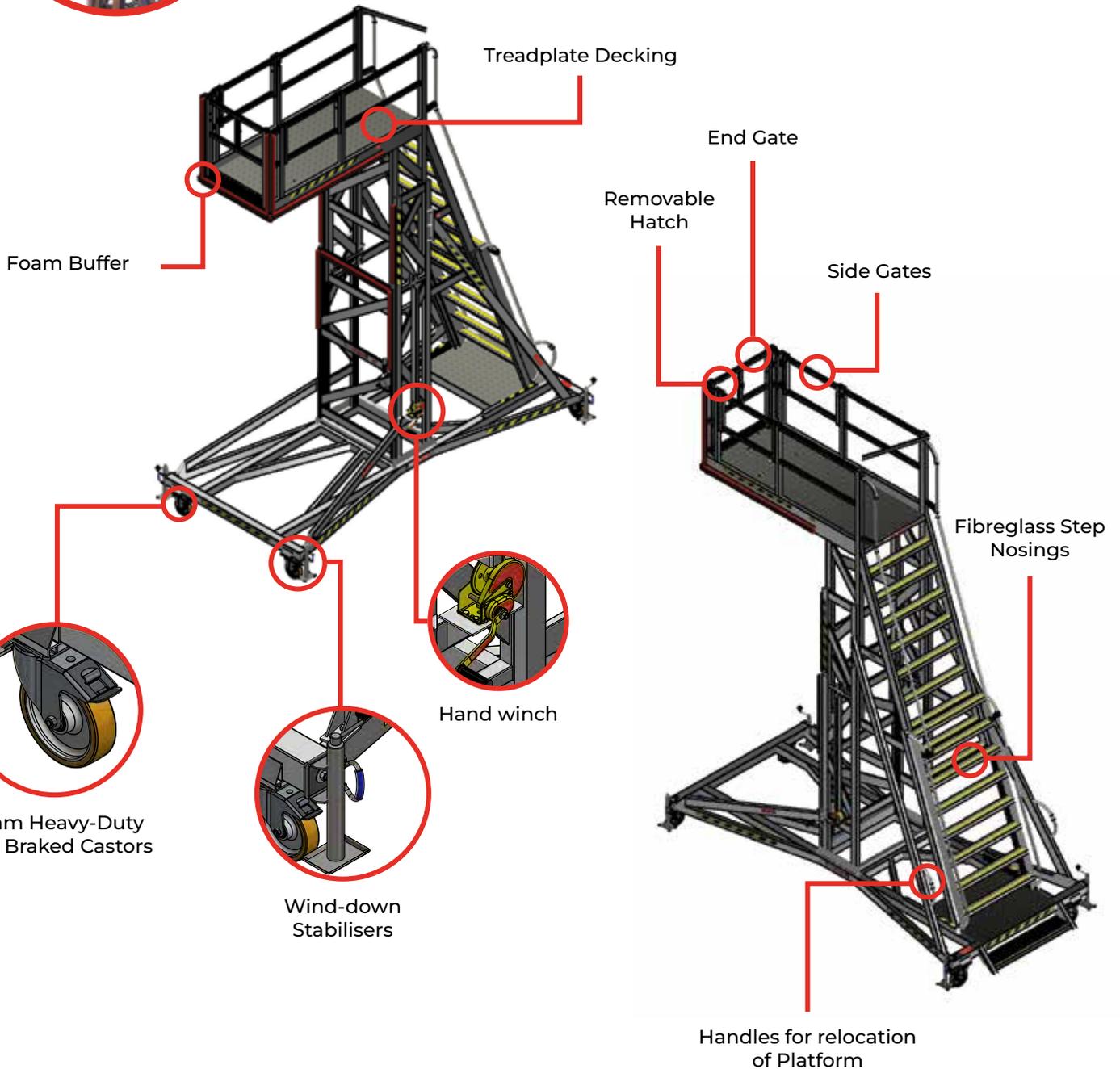
# BOEING B717

## HEIGHT ADJUSTABLE CANTILEVER PLATFORM

- › Used for over-wing and fuselage access.
- › Removable hatch for access to top of wings or fuselage.
- › Height adjustable via manual winch through a large range of heights



ALSO SEE  
ULTRARISE ON  
PAGE 20 - 21

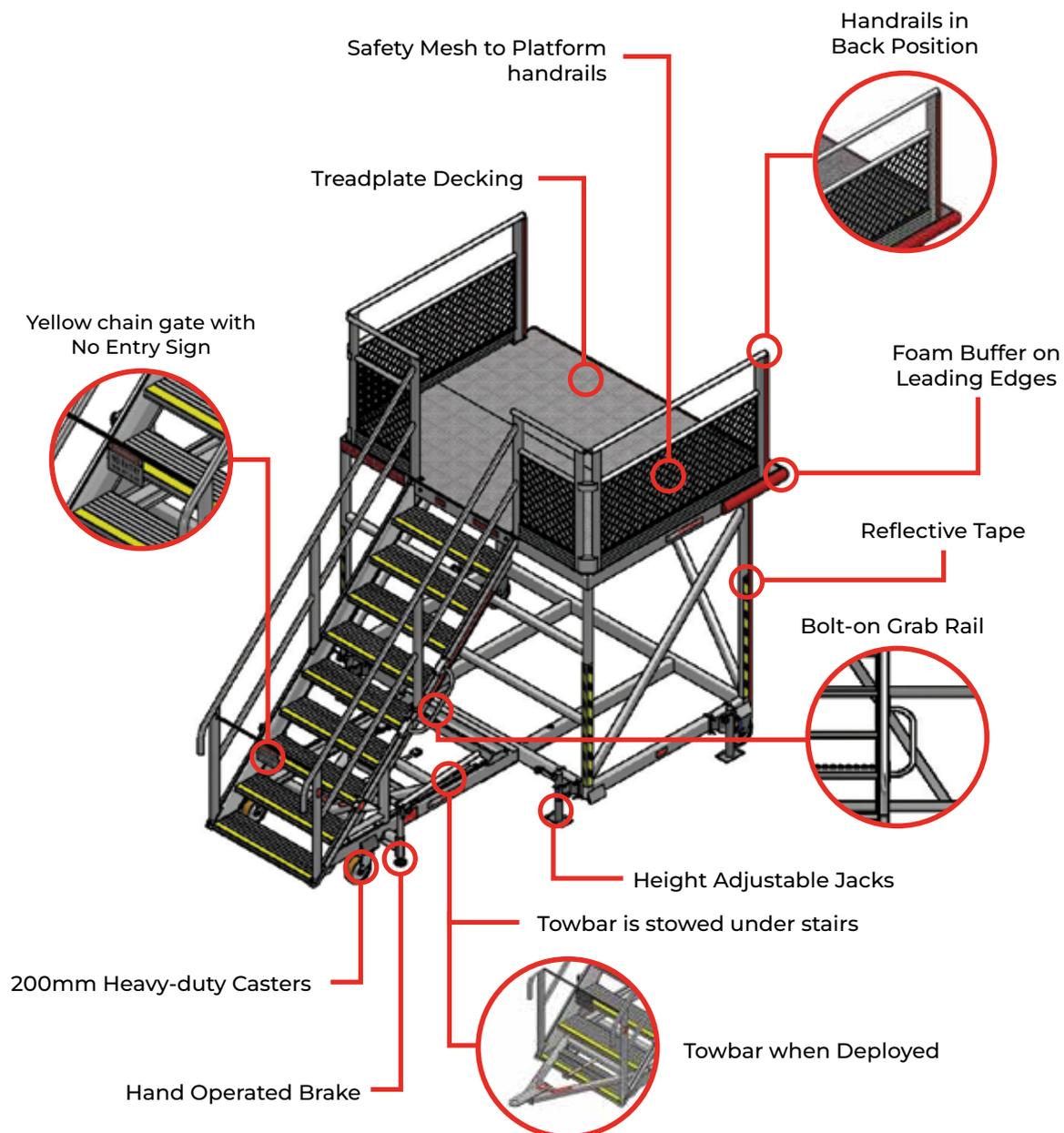




## BOEING B717

### MAIN ENTRY DOOR STAIRS

- › Dual purpose platform for Engineer or Passenger use.
- › Safety mesh around platform for compliance to public access requirements.
- › Large platform to allow for tools and items on platform.

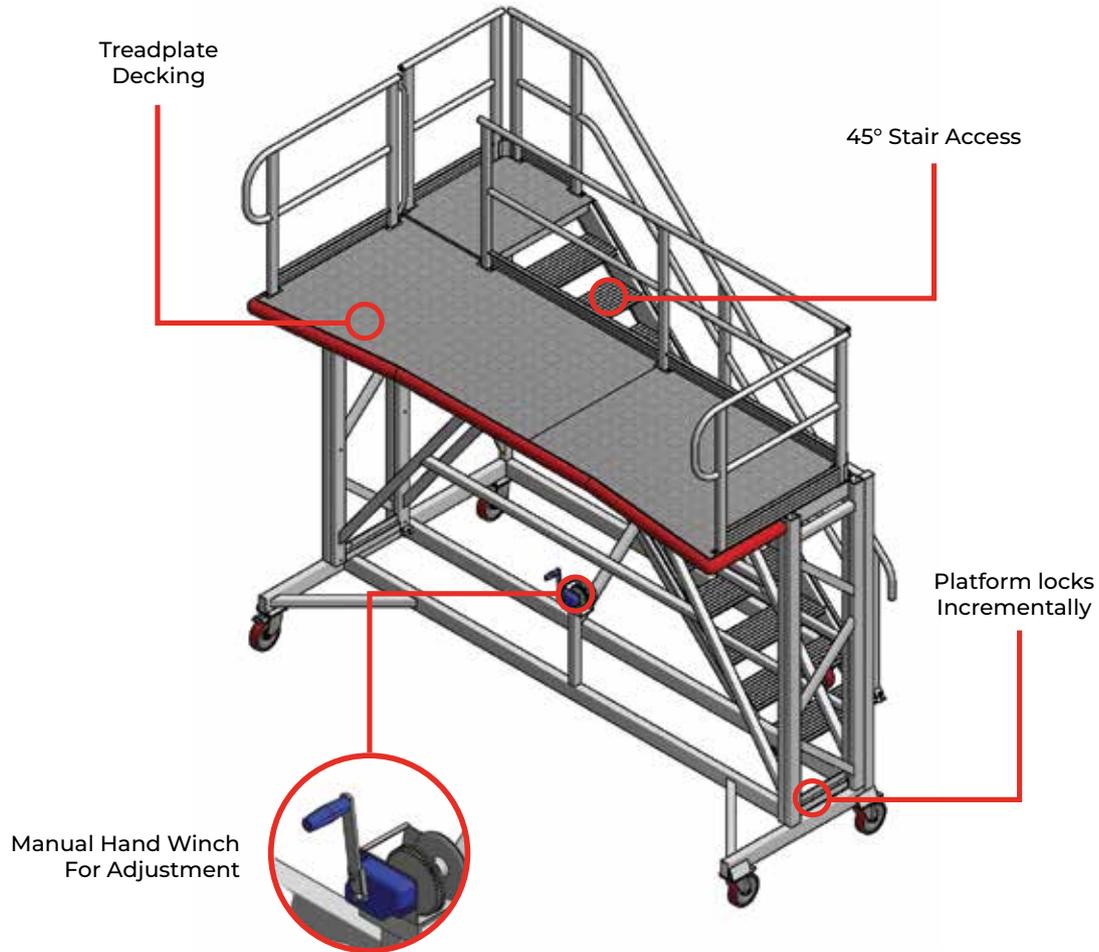




 **BOEING B737**

## NOSE DOCK

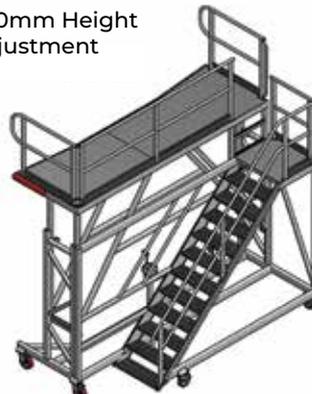
- › Two-part platform set, for access to the windshield of the B737.
- › Platforms can be used individually or as a set.
- › Platforms are individually height adjustable through a large range of heights.
- › Platform step-up section, to allow access to the centre of the windshield, and can be removed for radome access.



1200mm Height Adjustment



600mm Height Adjustment





# BOEING B737

## NOSE DOCK



Kneeling Platform with Griptread Birch for comfort

Joining Platform with Treadplate Decking with Fender Foam on leading edges

Treadplate Decking

45° Stair Access

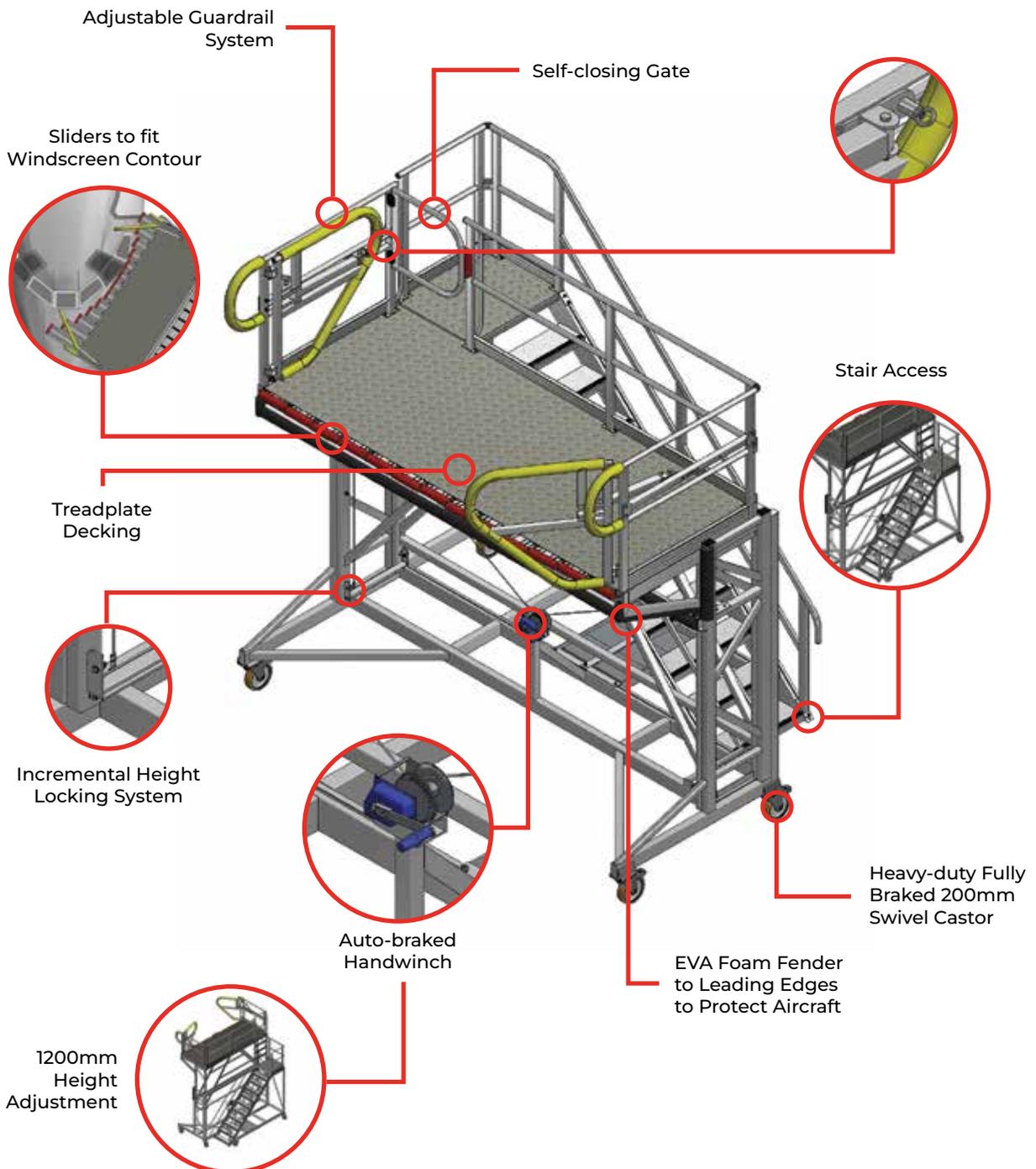
Infill Platforms Joining Spigots can be bolted in various positions along with slotted member to allow for adjustment to suit different Aircraft widths



## BOEING B737

# MULTI-PURPOSE ADJUSTABLE PLATFORM

- › The ultimate multi-purpose platform solution.
- › Adjustable in height with configurable sliders and adjustable guardrails, to provide access to windshields, entry doors, flight controls, under and over wing, APU, Pylon, and much more.
- › Auto-locking sliders to match varying profiles for ultimate safety.



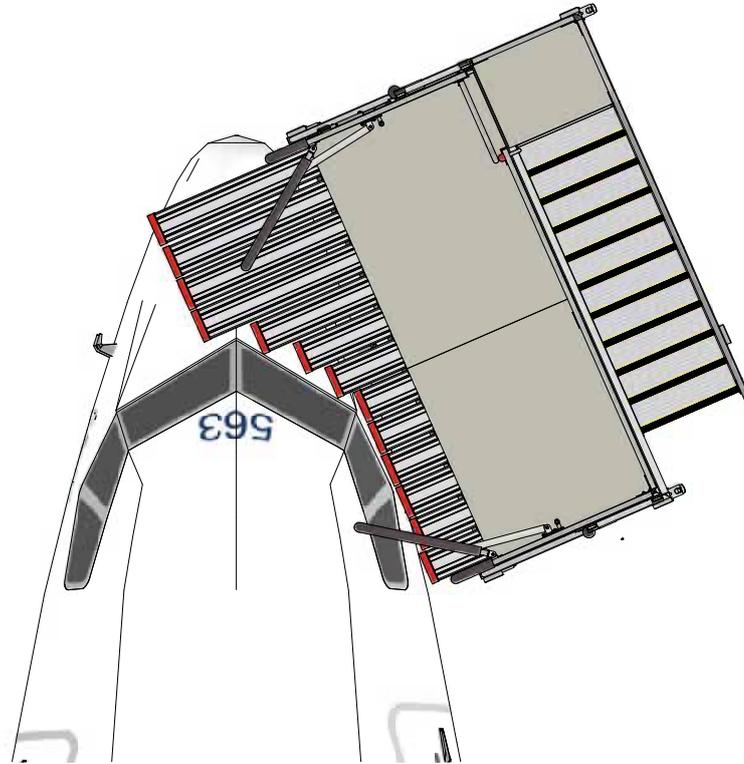


## BOEING B737

# MULTI-PURPOSE ADJUSTABLE PLATFORM

## SLIDERS TO FIT WINDSCREEN CONTOUR

SEE OTHER USES  
FOR THIS STAND  
ON PAGE 128





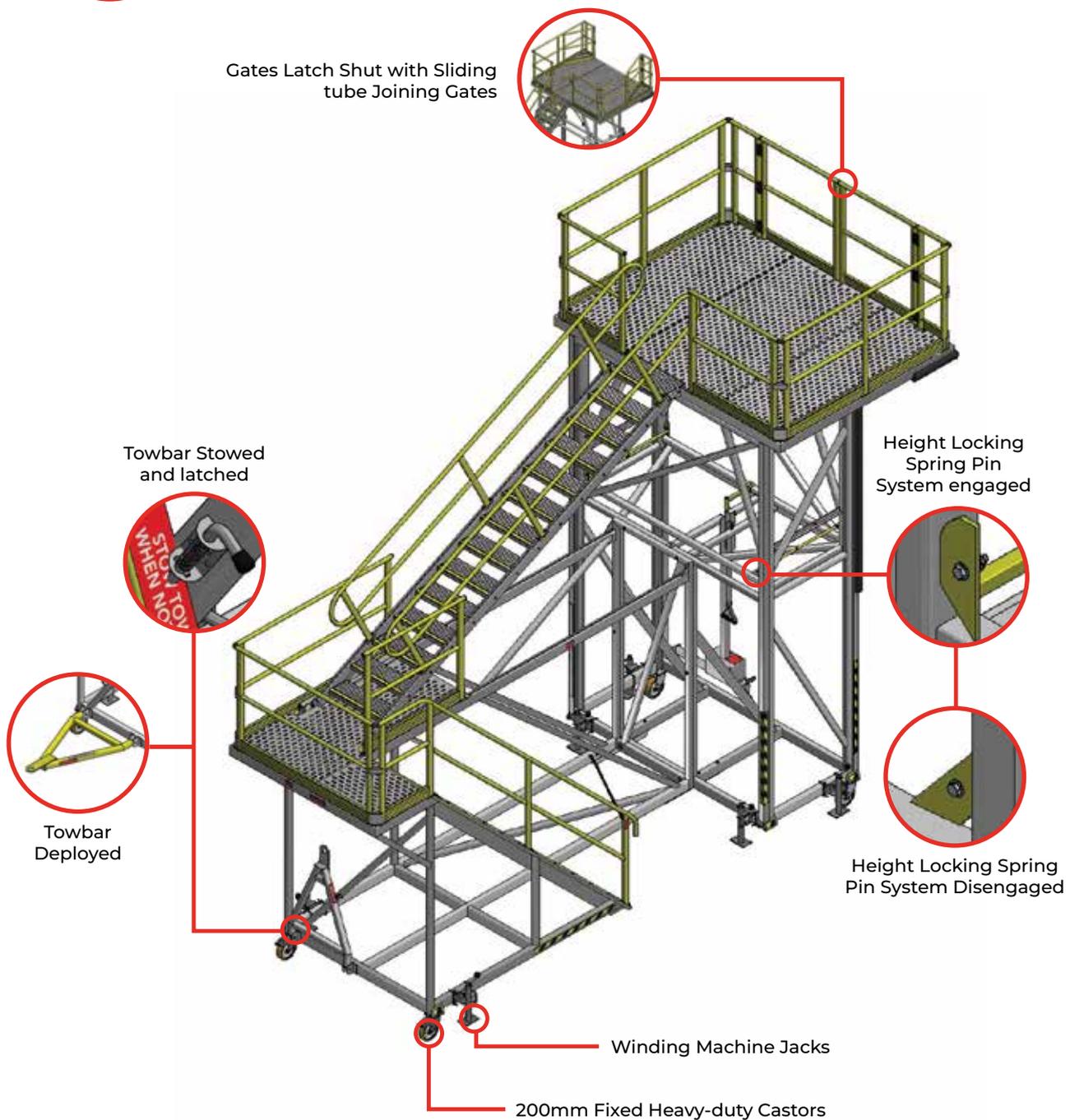
## BOEING B737

# HEIGHT ADJUSTABLE FUSELAGE ACCESS PLATFORM

- › Adjustable Height Platform to access top of fuselage.
- › Platform can also be used for MED access on larger, wide-body aircraft.



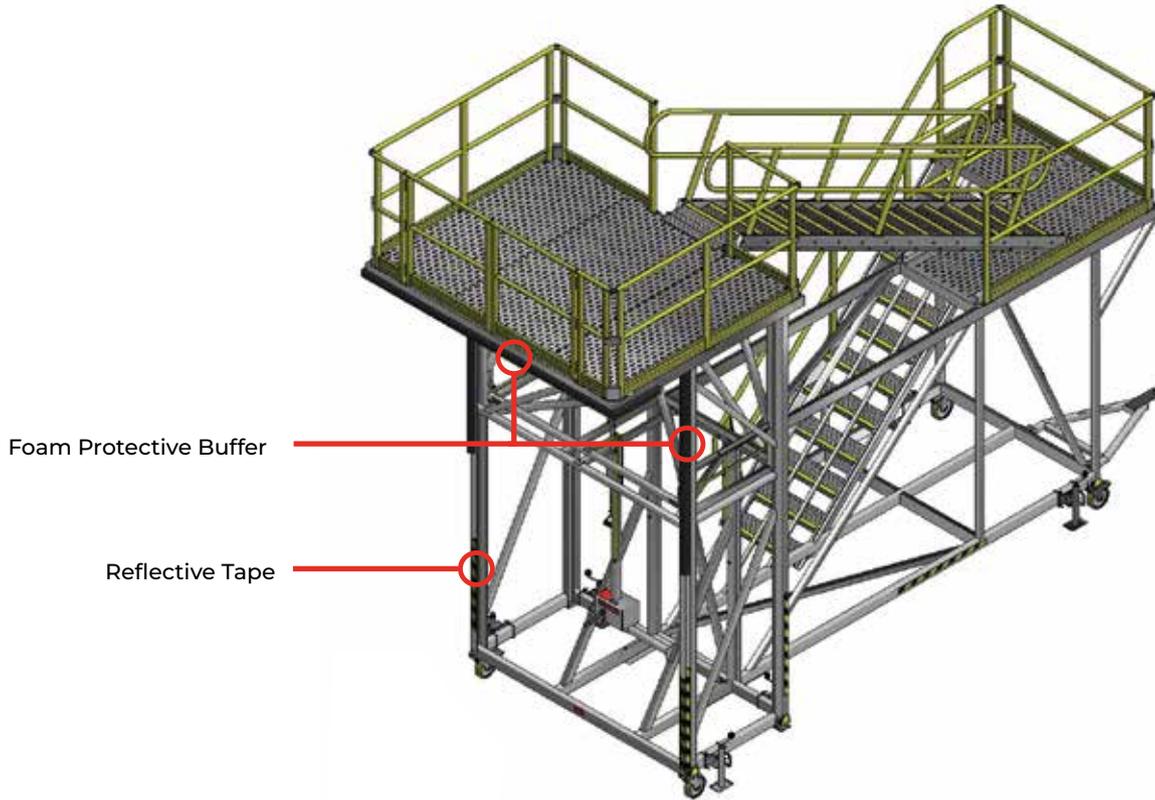
**UNIVERSAL PLATFORM**  
CAN BE USED WITH A BROAD  
RANGE OF AIRCRAFT





## BOEING B737

# HEIGHT ADJUSTABLE FUSELAGE ACCESS PLATFORM

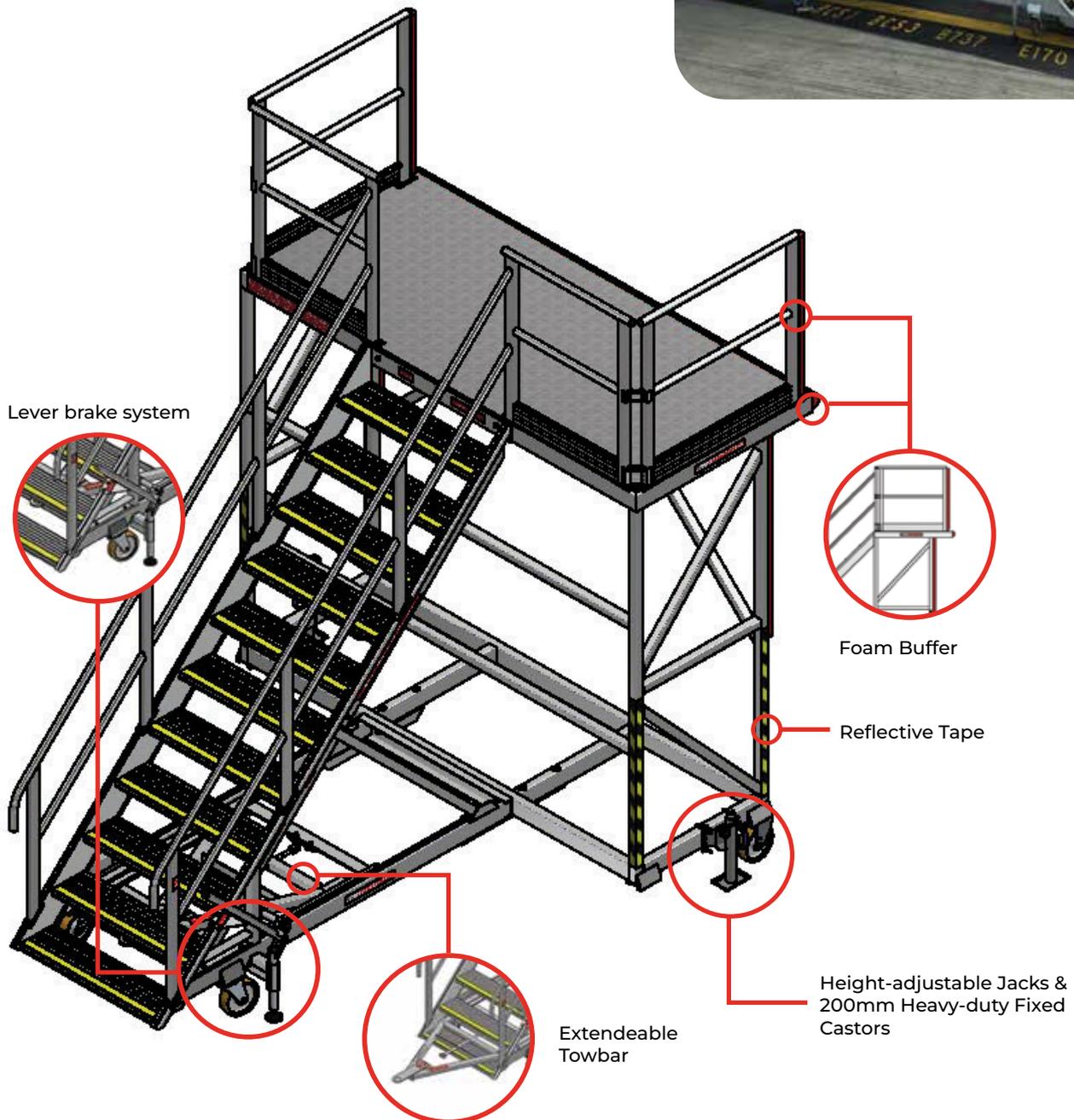




## BOEING B737

### MAIN ENTRY DOOR STAIRS

- › Wide platform to allow for cabin doors to be completely opened.
- › Popular with airlines worldwide.
- › Towable and wind rated for use on the line.

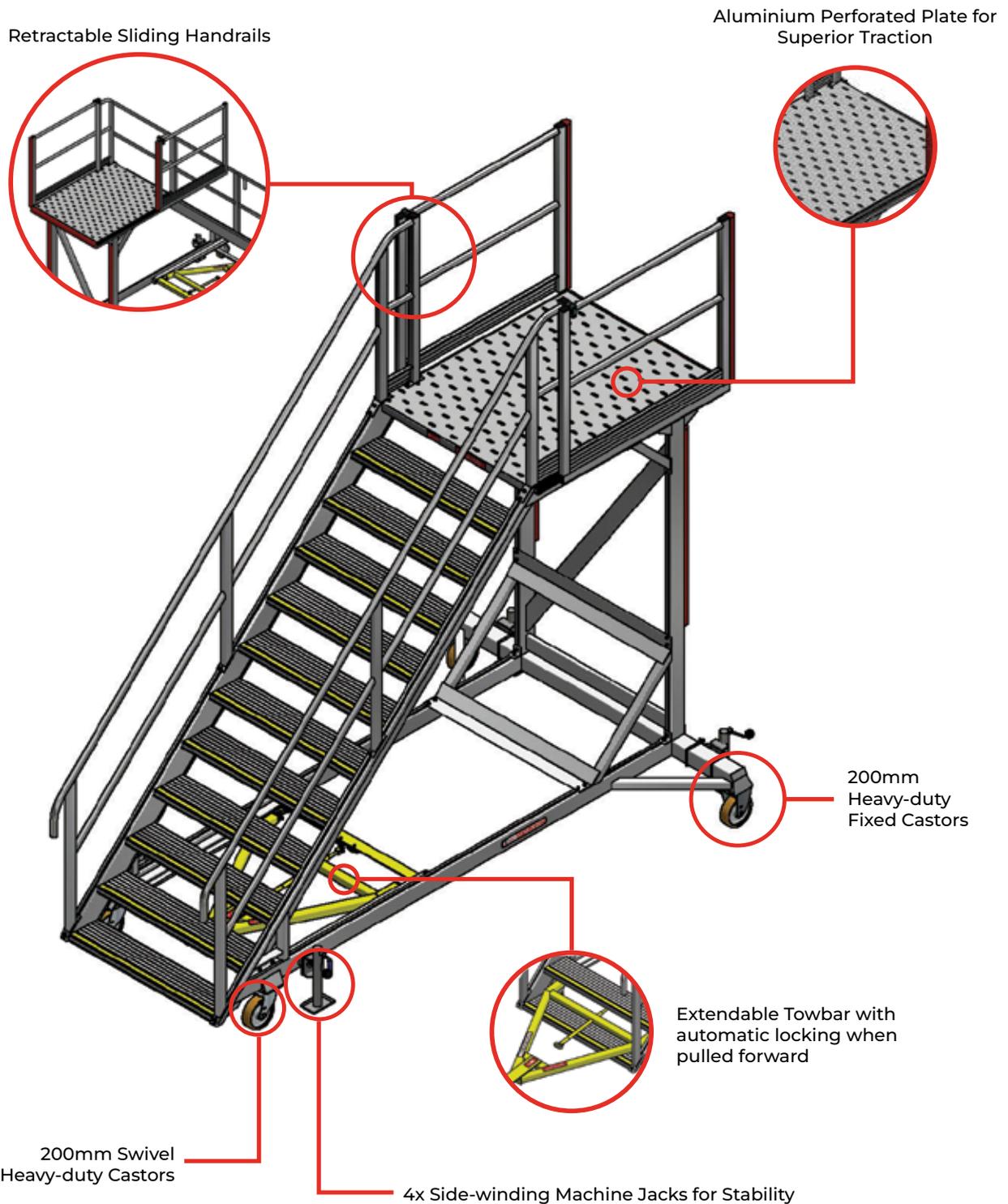




## BOEING B737

# MAIN ENTRY DOOR STAIRS - NARROW VERSION

- › Narrow type entry door stands, are utilised where available working space is limited.
- › Sliding and locking side handrails allow for cabin door to be activated and opened.
- › Perforated deck for use in all weather conditions.

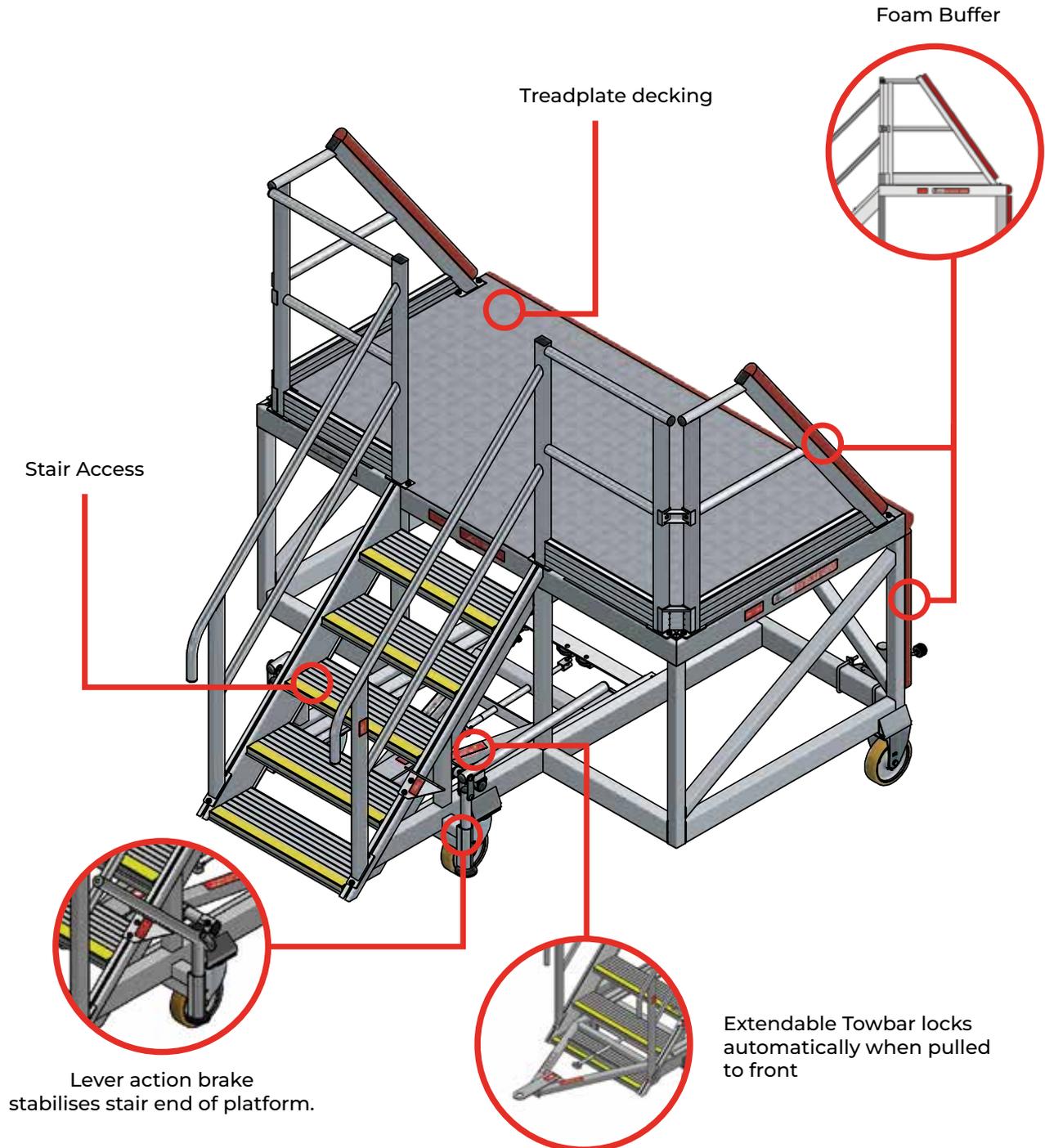




## BOEING B737

# CARGO DOOR ENGINEERING ACCESS STAIRS

- › Allows for personnel access into the cargo hold area.
- › Full bay width to eliminate any risk of falls.
- › Solid box design, that can be easily moved by a single person.
- › Ideal for line maintenance tasks such as fumigation and cleaning.





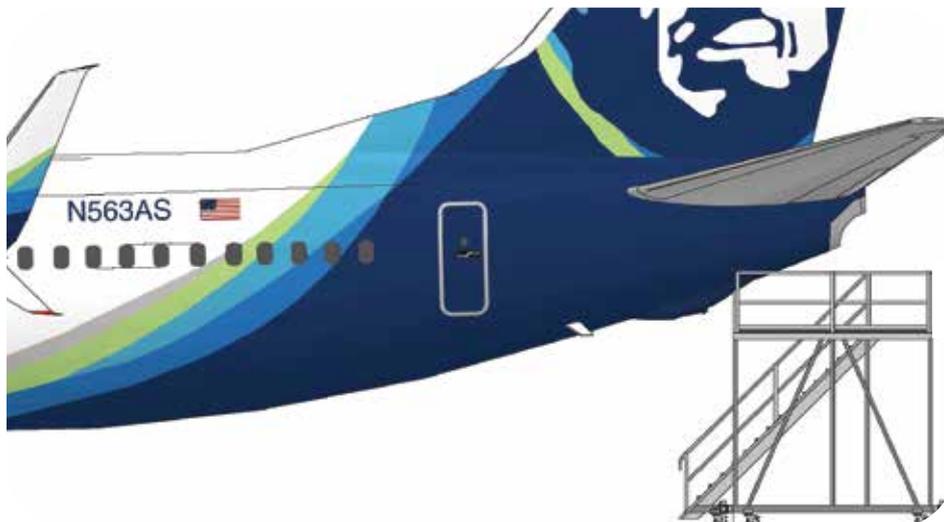
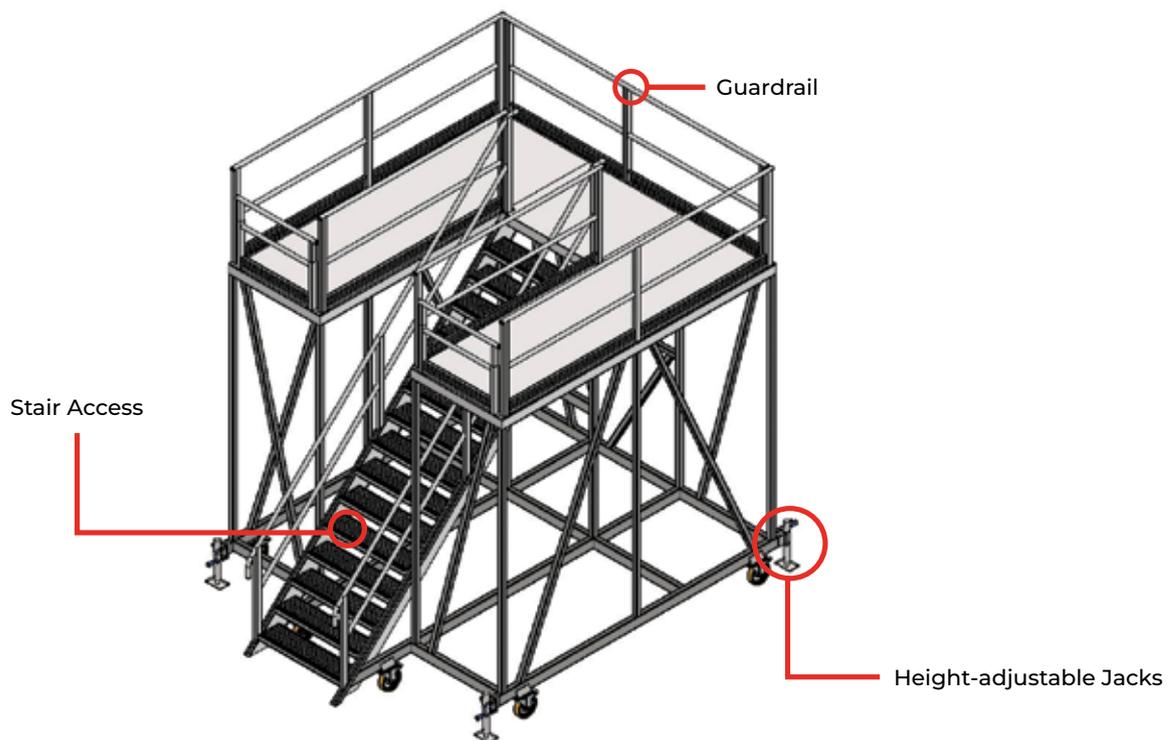
## BOEING B737

### APU REMOVAL STAND

- › Platform mainly utilised for APU inspections and removals.
- › End guardrails open to allow the APU to be lifted off.
- › Also available with a hatch and opening frame, so the APU can be lowered down through the platform frame.



**ALSO SEE A320  
VERSION ON PAGE 28**





# BOEING B737

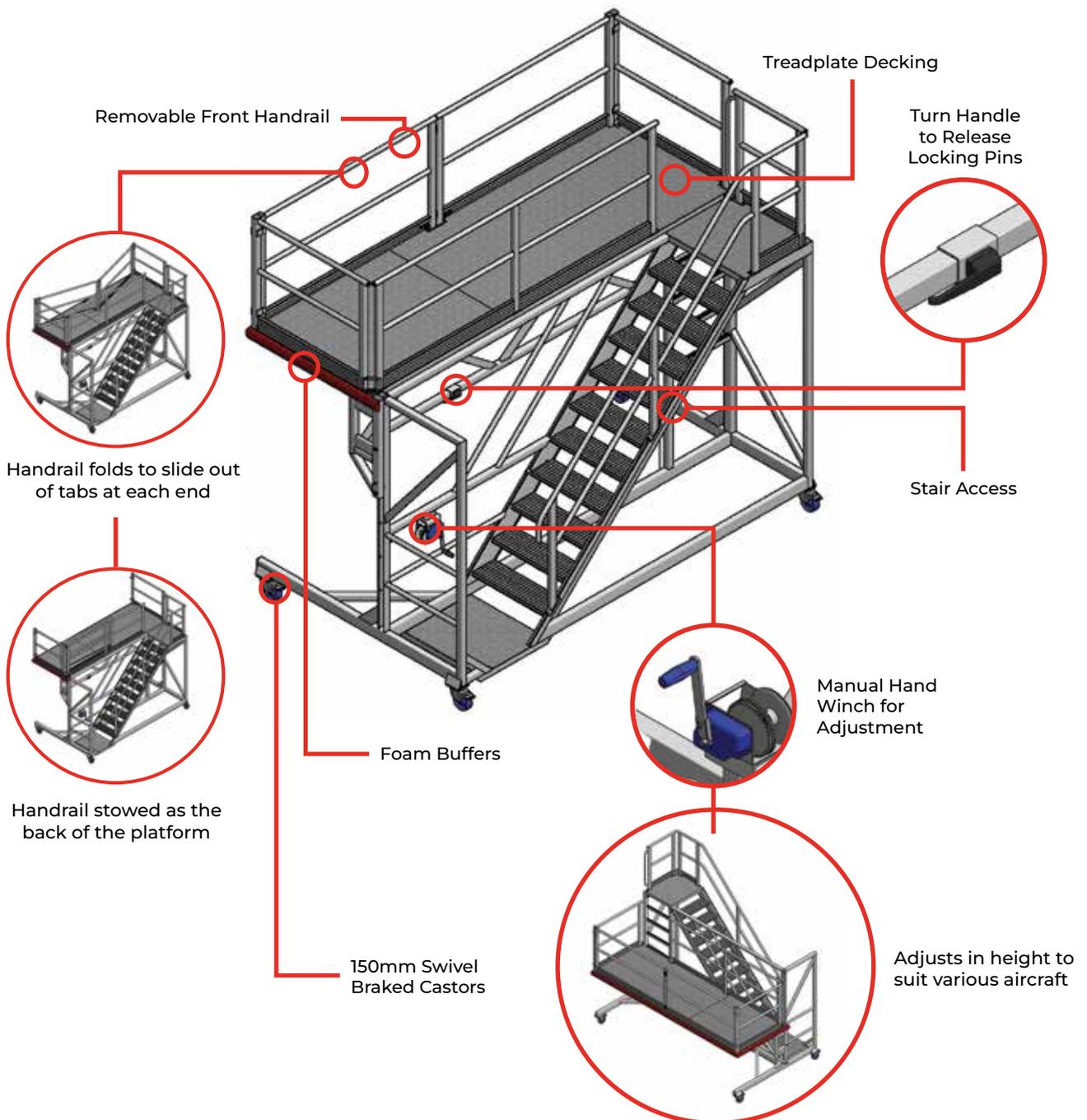
## WING DOCK/WINDSHIELD ACCESS PLATFORM

Height Adjustable to allow access to either the windshield and wing areas.

- › Treadplate decking.
- › Removable front handrail.
- › Foam buffering.
- › Handwinch for height adjustment.
- › Platform locks at 25mm increments.
- › Stair Access.
- › 150mm swivel castors.

**MULTI-PURPOSE PLATFORM ALSO AVAILABLE**

SEE PAGE 74-75 FOR EXAMPLES

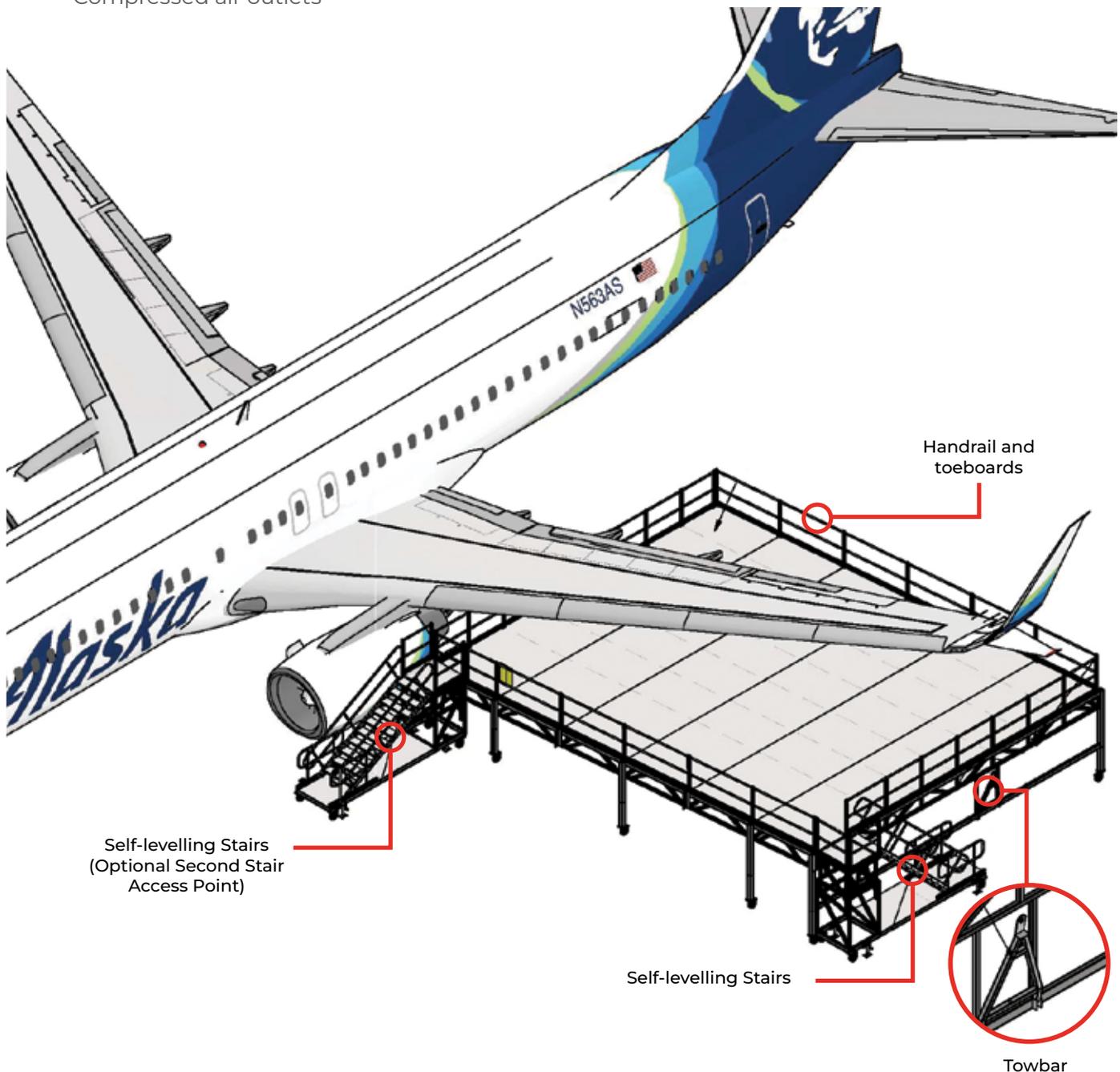




## BOEING B737

### WING DOCK

- › Large scale wing dock for heavy maintenance.
- › Independent stair for configurable access to various areas of the dock.
- › Open frame design allows for utilisation of space underneath dock.
- › Available with height adjustment to suit other aircraft types like the A320/A321 or for jacked configurations during base maintenance.
- › Configuration in modules that bolt together for flexibility depending on the maintenance task, and ease of storage.
- › Options include:
  - Secondary access point
  - Lighting
  - Electrical outlets
  - Compressed air outlets



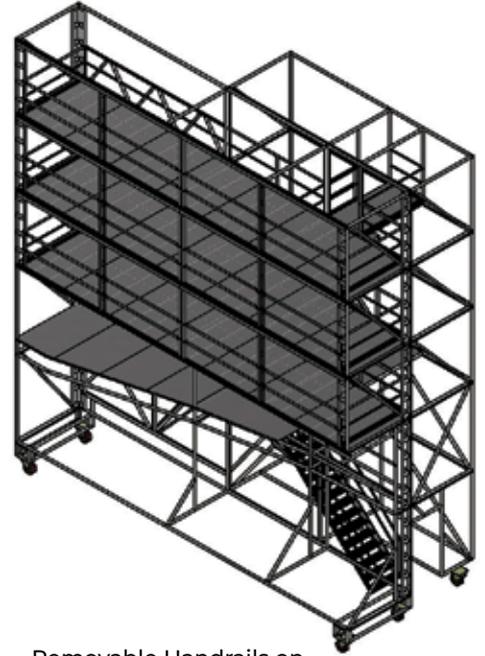
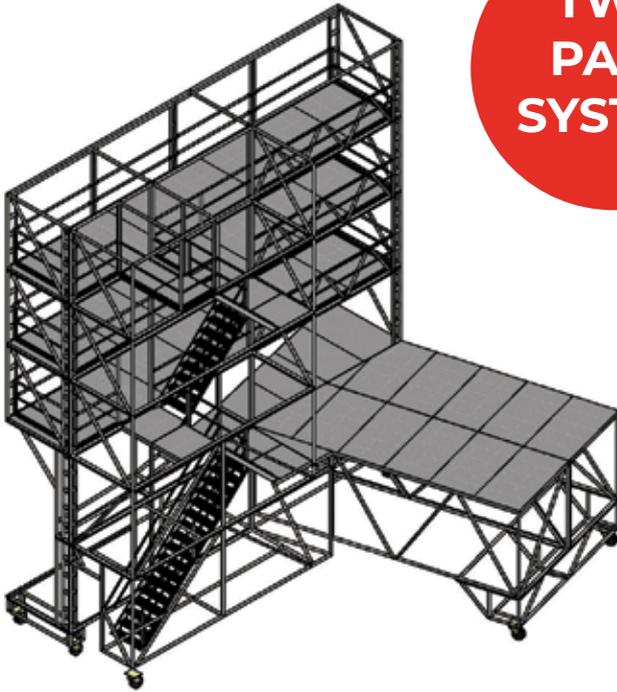


## BOEING B737

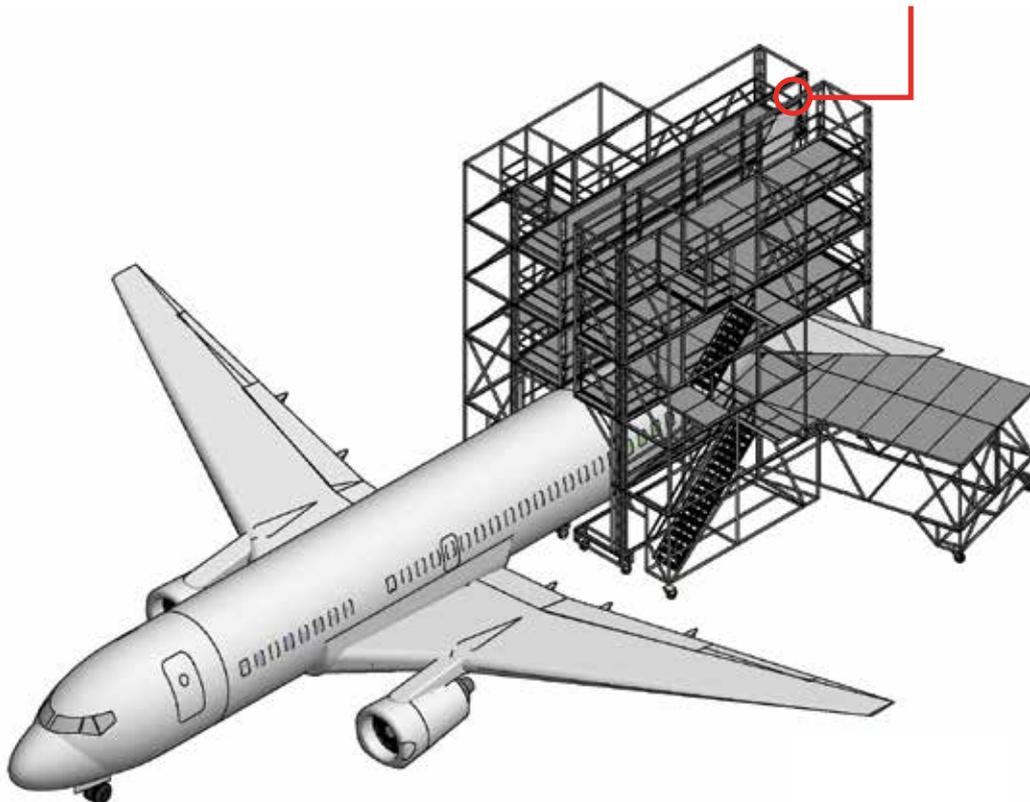
### TAIL DOCK

- › High Tensile Aluminium construction.
- › Modular sections are moved into position independently around the aircraft tail.
- › Power and pneumatic connections available to each work face.

**TWO  
PART  
SYSTEM**



Removable Handrails on  
Inside Face.

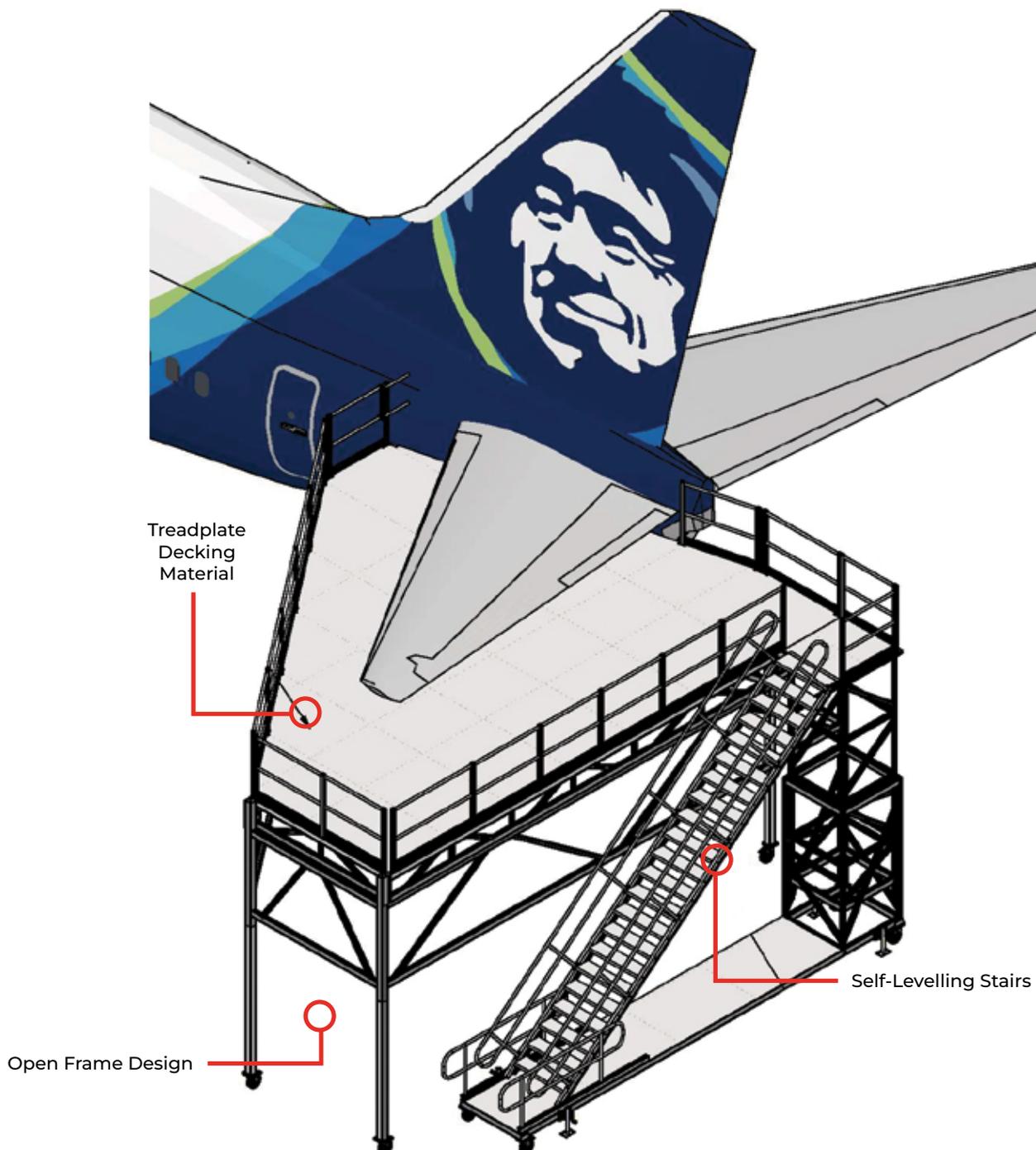




## BOEING B737

### **HORIZONTAL STABILISER DOCK**

- › Height adjustable, using worm drive system for use on jacked or un-jacked aircraft.
- › Left and right hand docks can be joined to access between them when in-situ.
- › Open frame design to allow utilisation of space underneath the dock, including for APU and THS door access.
- › Available with height adjustment options to suit other aircraft types like the A320/A321.
- › Options include:
  - Lighting
  - Electrical outlets
  - Compressed air outlets

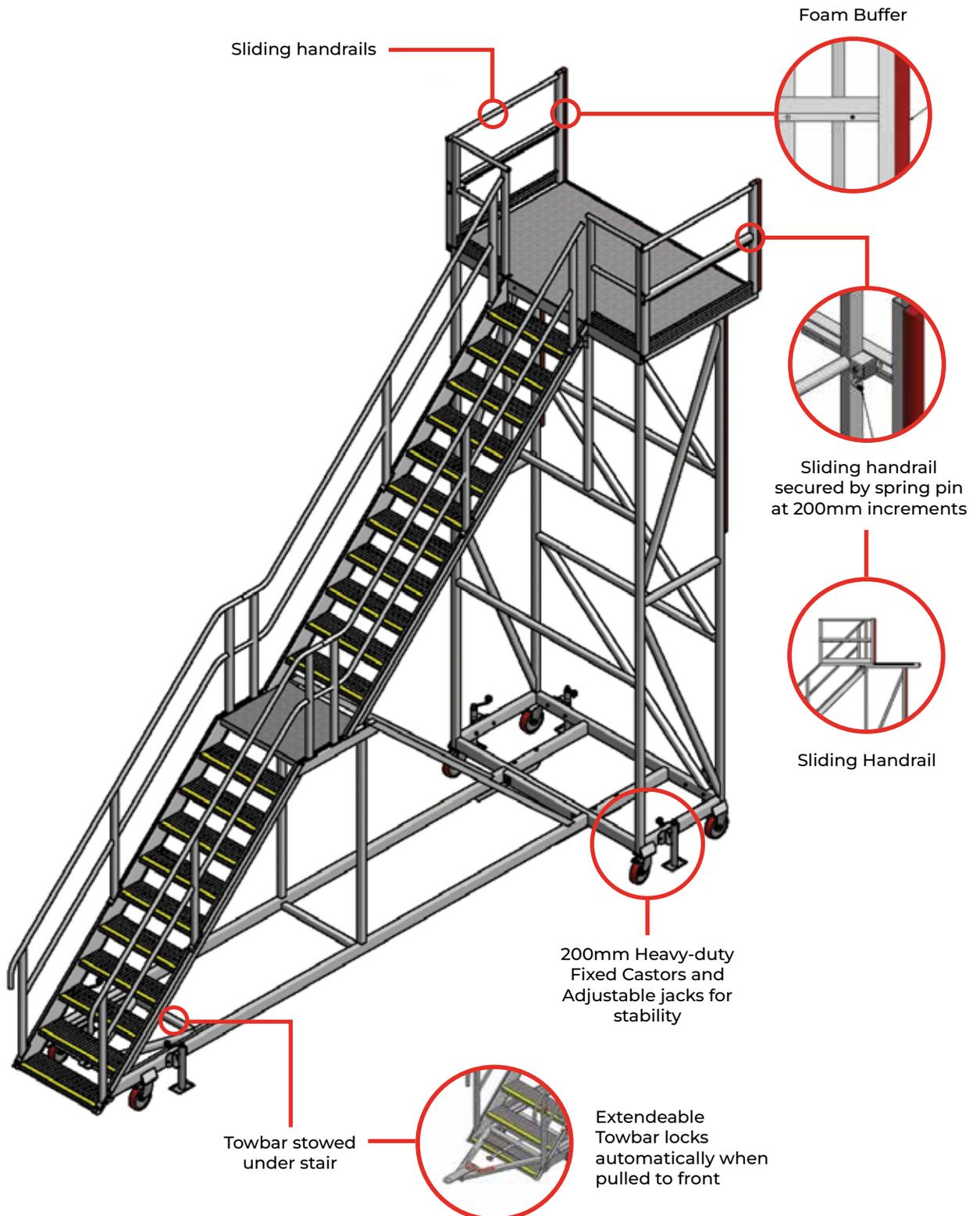




## BOEING B777

### MAIN ENTRY DOOR ACCESS STAIRS

- › Towable for ease of manoeuvrability between locations.
- › Mid-landing for safe user descent.
- › Sliding handrails for configuration to various positions on aircraft fuselage.

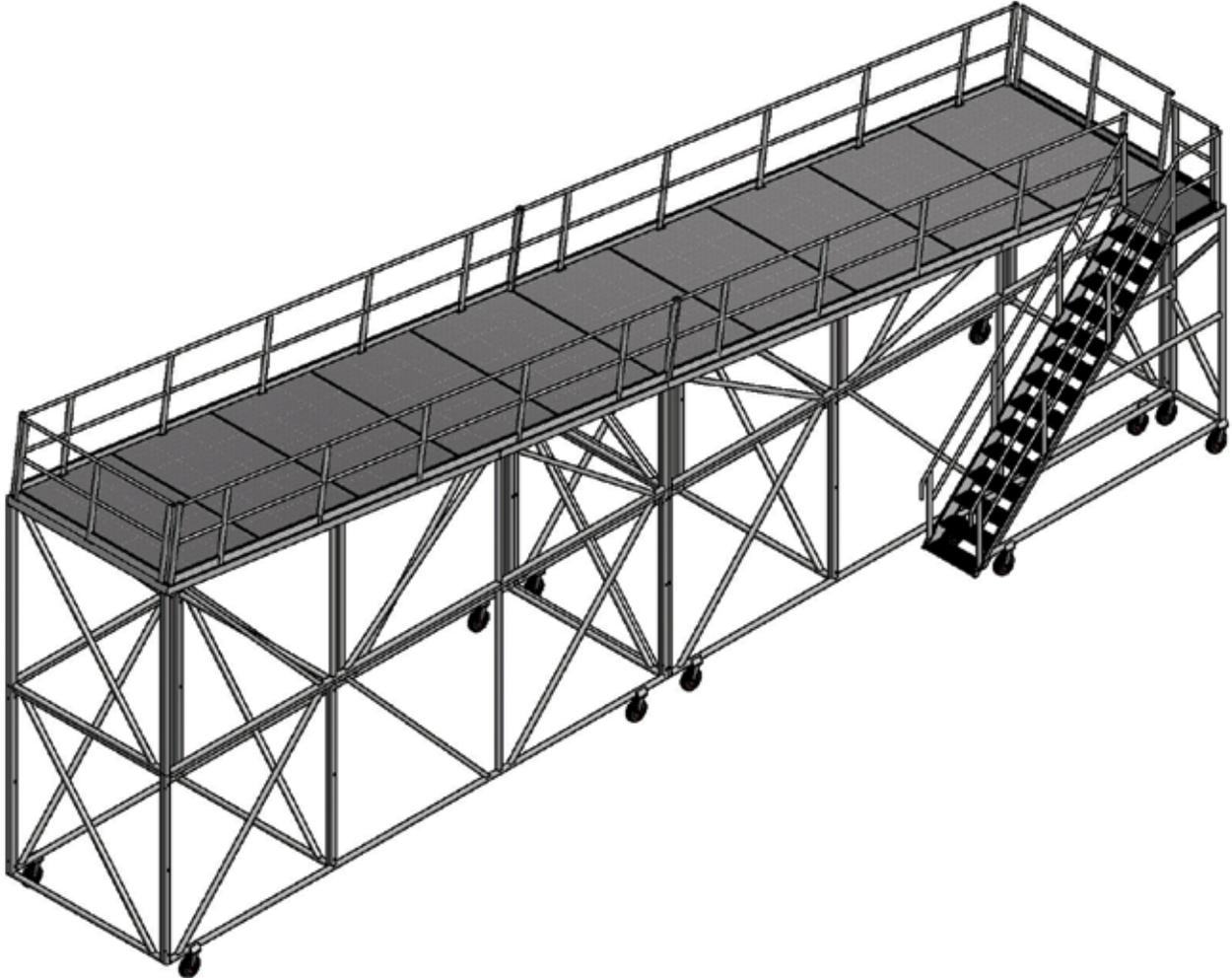




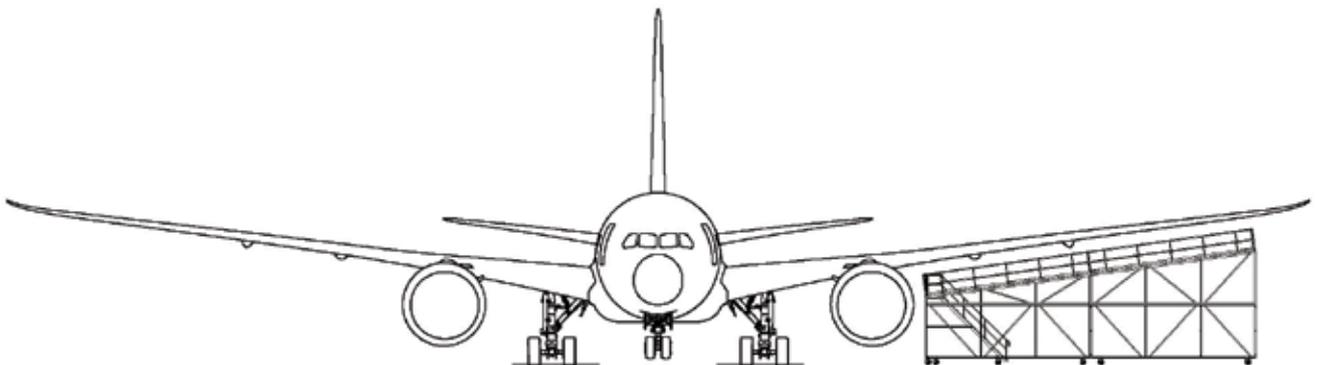
## BOEING B777

### MOBILE UNDERWING ACCESS PLATFORM

- › Sloped design for consistent angled access.
- › Box-frame construction minimises weight whilst maximising strength and stability.
- › 1000kg rated WLL.



### APPLICATION

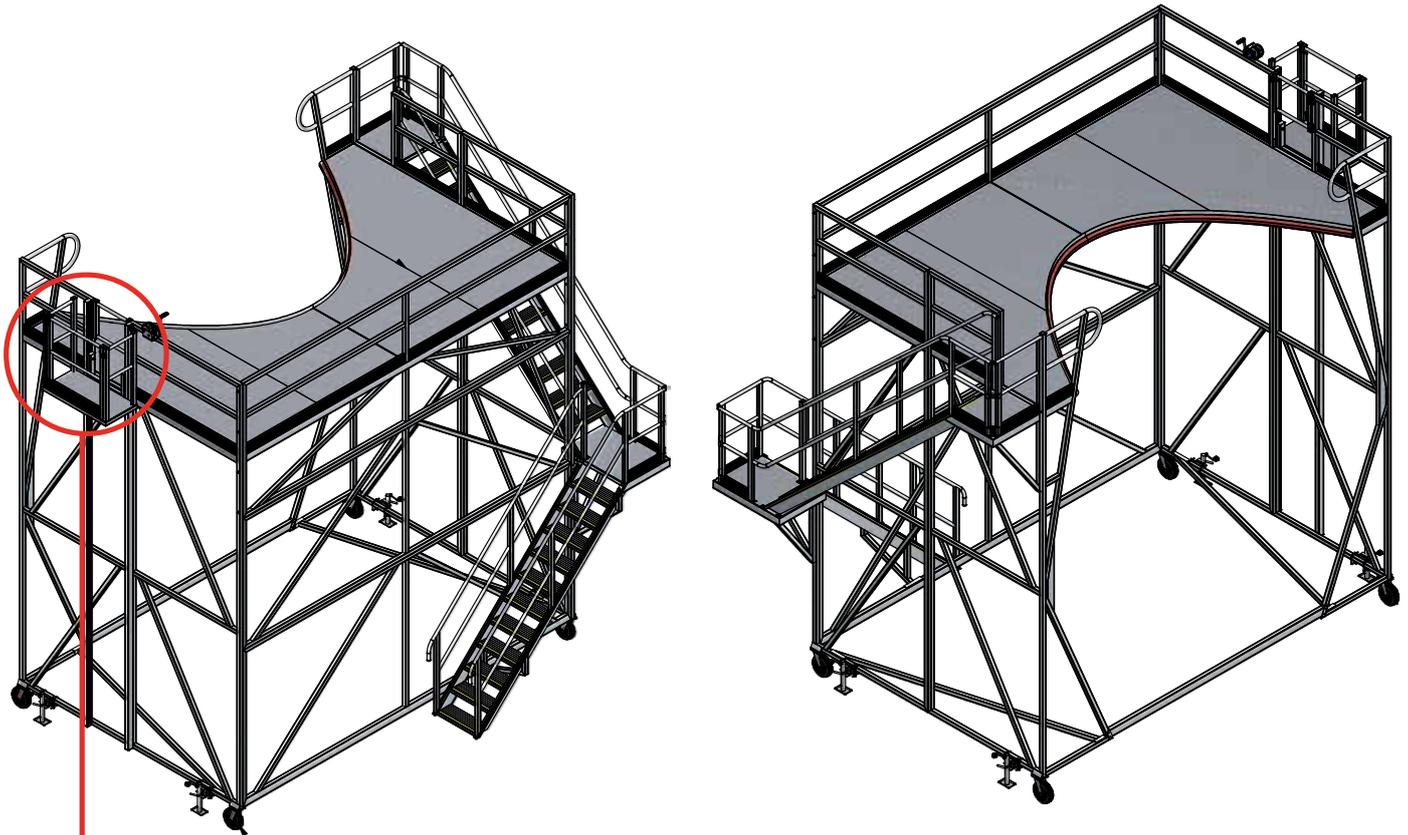




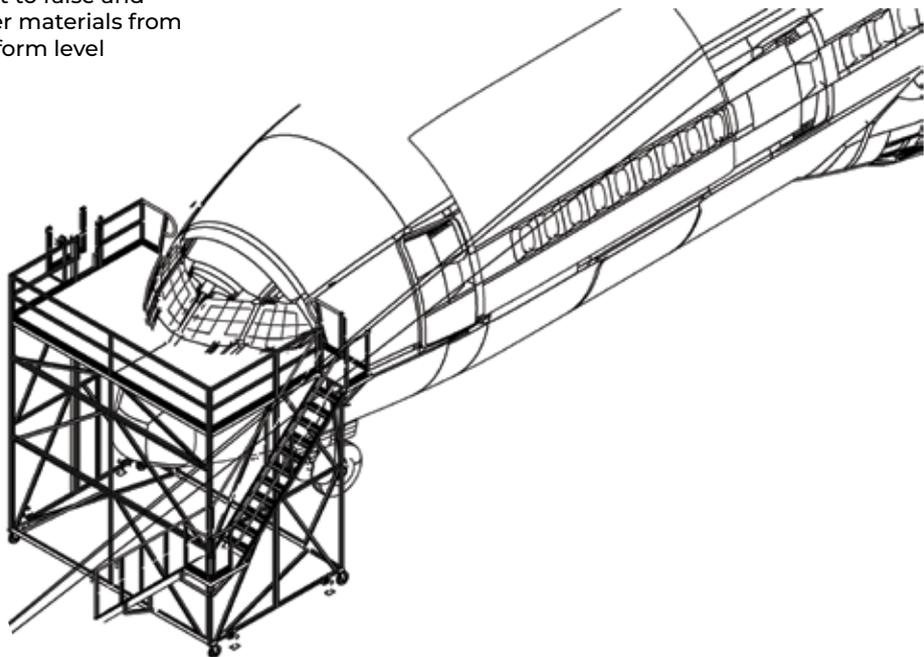
## BOEING B787

**WINDSHIELD ACCESS STAND**

- › Available with stairs off the end or either side of the platform - depending on space constraints.
- › Configurable Guardrails for access from either side of aircraft.
- › Includes lifting hoist to top platform, for parts and materials.
- › Mobile on 260mm pneumatic wheels with adjustable jacks for stability insitu.



Hoist to raise and lower materials from platform level

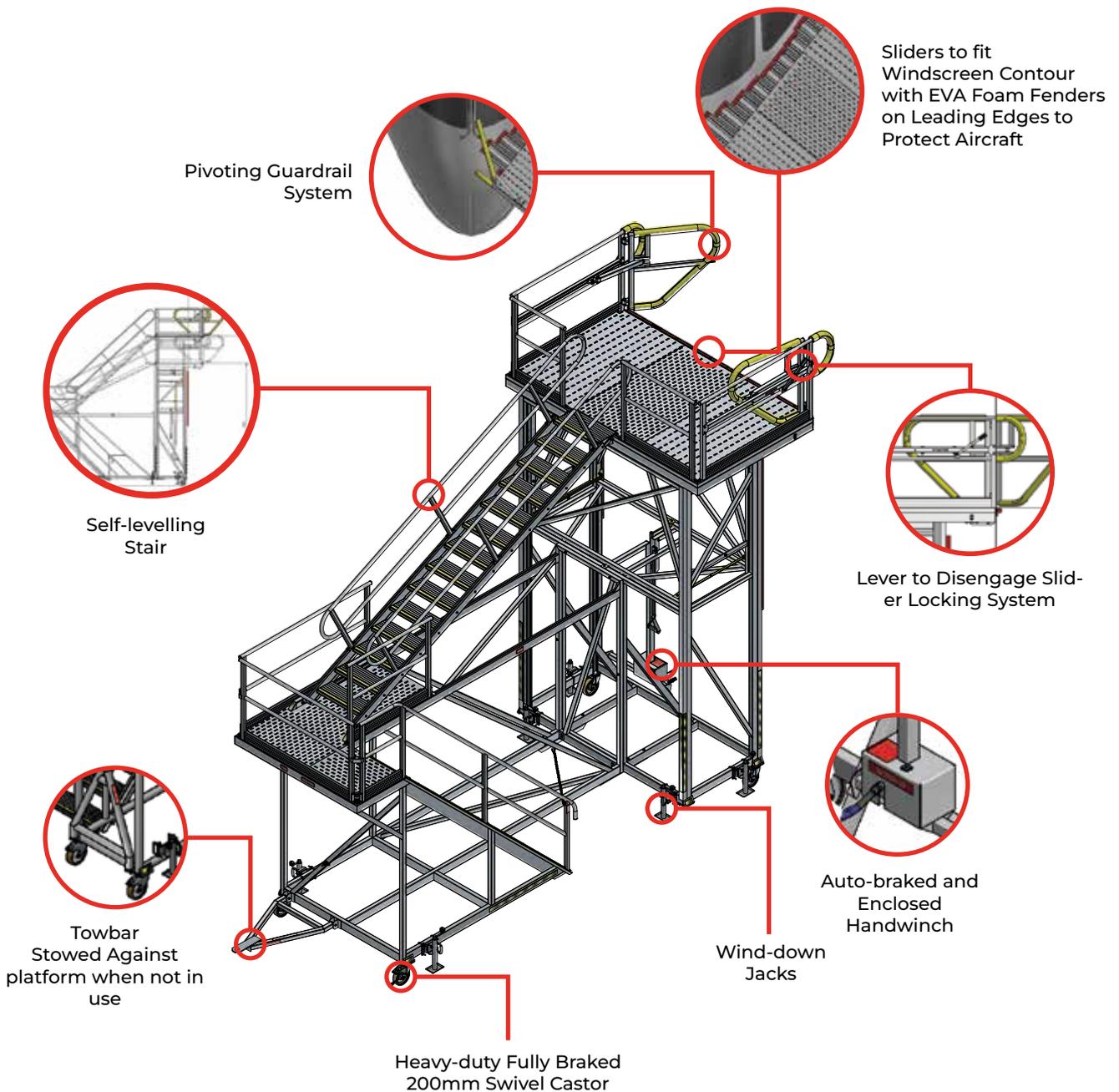




## BOEING B787

# ADJUSTABLE WINDSHIELD ACCESS STAND

- › Adjustable Guardrail System.
- › Sliders to fit Windscreen Contour.
- › Single Lever to disengage slider locking system.
- › Auto-braked handwinch.
- › Tow bar stowed against platform when not in use.
- › EVA foam fender to leading edges to protect aircraft.





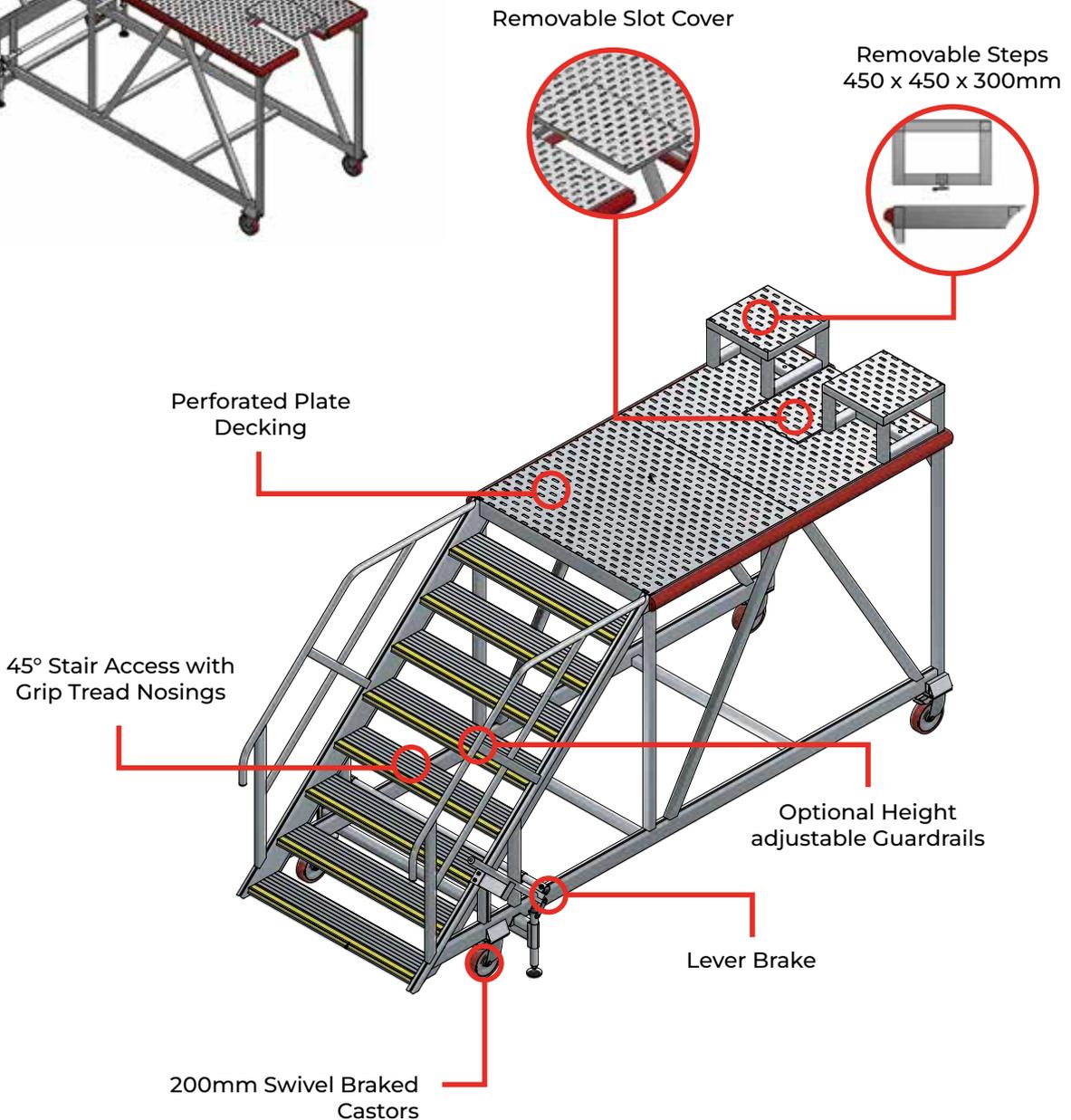
# BOEING B787

## NOSE LANDING GEAR ACCESS

- › Removable steps on upper platforms for additional access.
- › Removable Slot Cover.
- › Removable steps 450 x 450 x 300mm.
- › Optional height adjustable guardrails.



### WITHOUT REMOVABLE STEPS

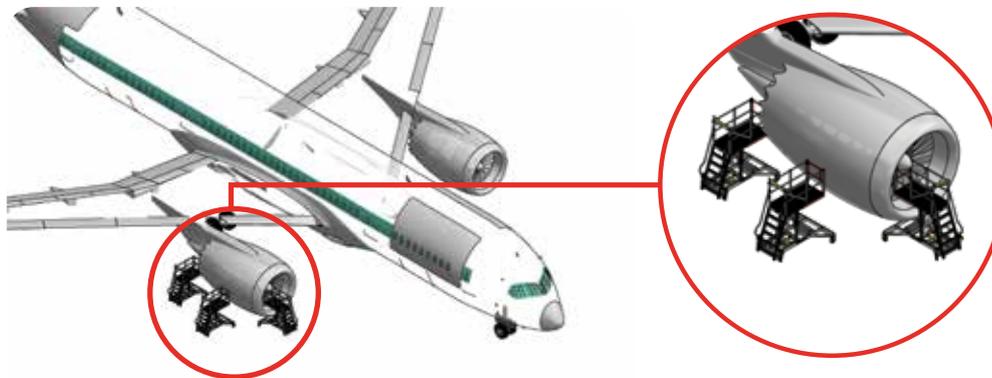




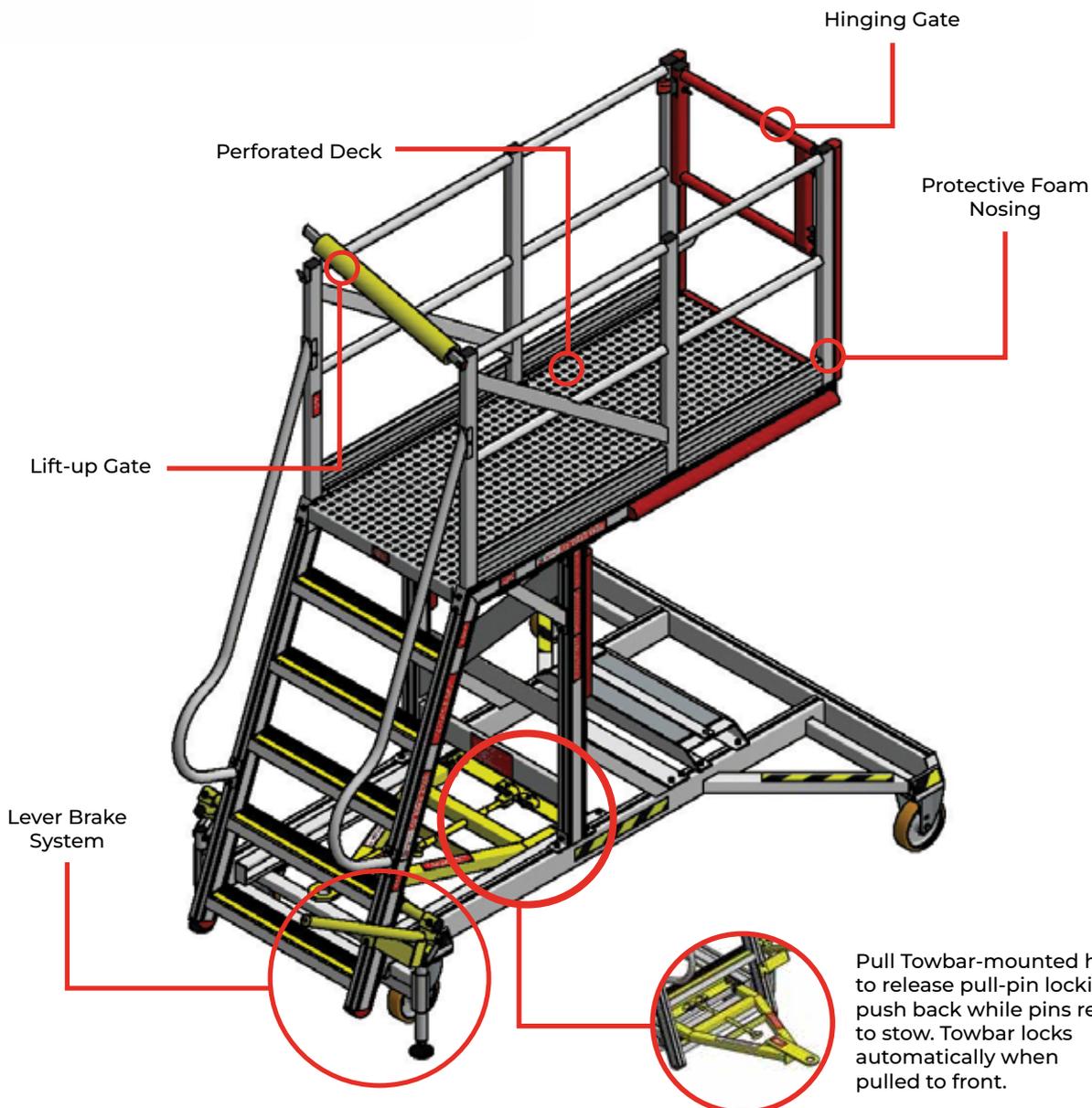
## BOEING B787

### ENGINE INLET/OUTLET ACCESS

- › Access into the front and rear of the engine, for engine fan blade change, and attrition liner repairs.



The Platform provides access into the engine fan blades, and attrition liner repairs.

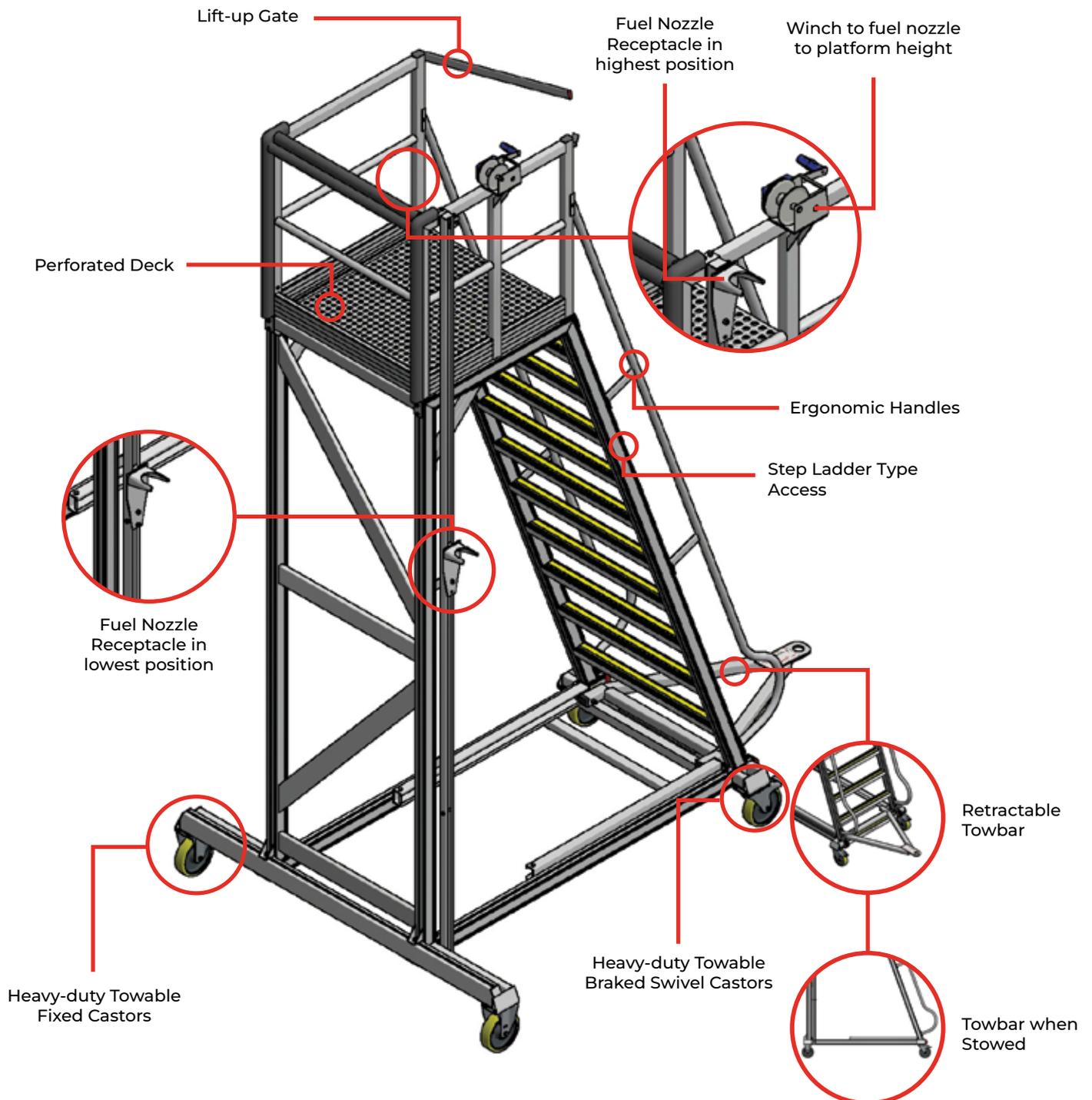




## BOEING B787

### REFUELLING PLATFORM

- › Used for engineer access to fuel points on B787.
- › Winching system to lift nozzle up and into position.
- › Quick & easy for one user to implement on the line.

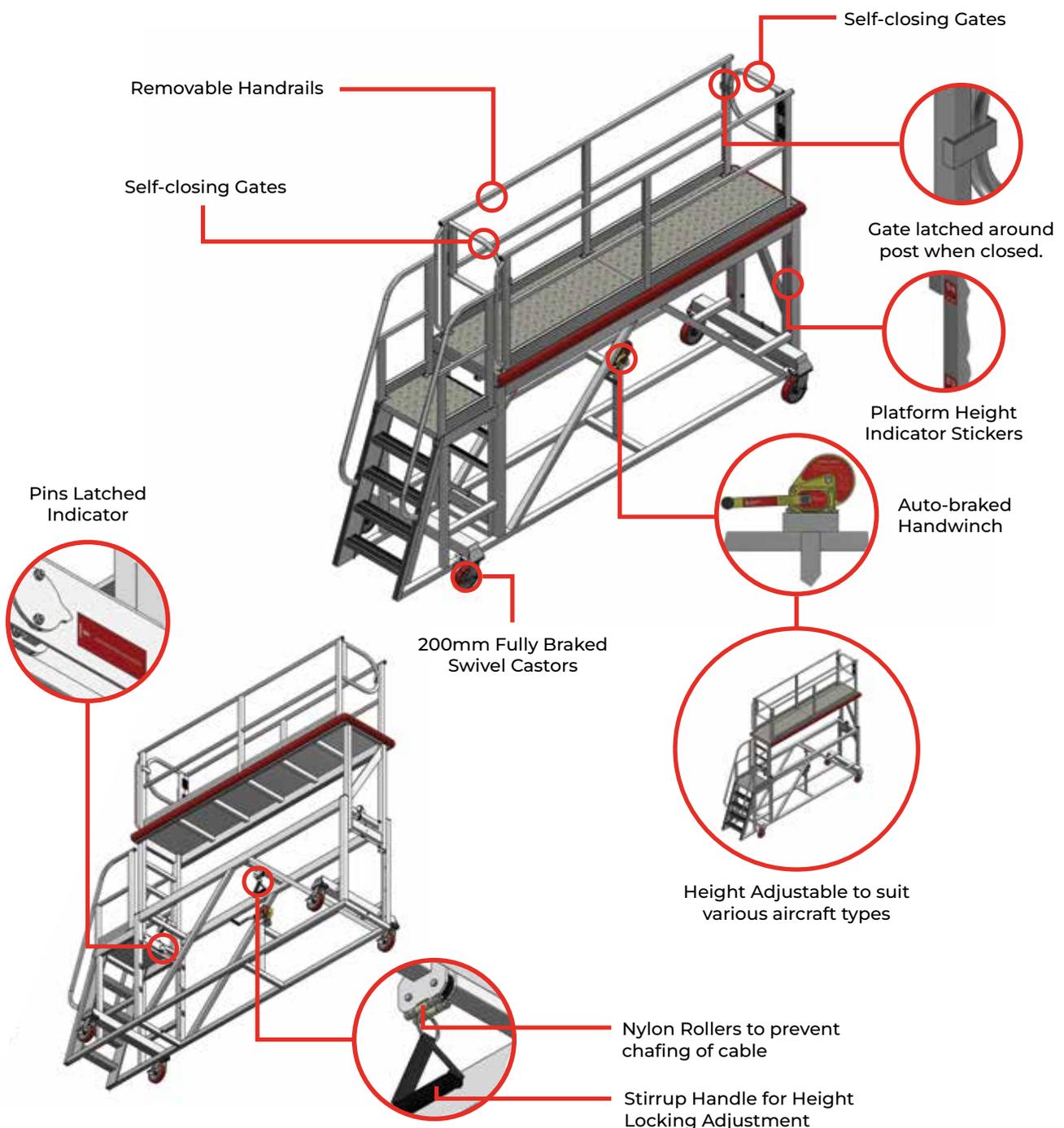




## BOEING B787

# INNER COWLING ADJUSTABLE HEIGHT PLATFORM - ADJUSTABLE HEIGHT

- > Height adjustable to allow engineers to set at different heights along the engine length.
- > Narrow body design to fit between the engine cowl and engine.





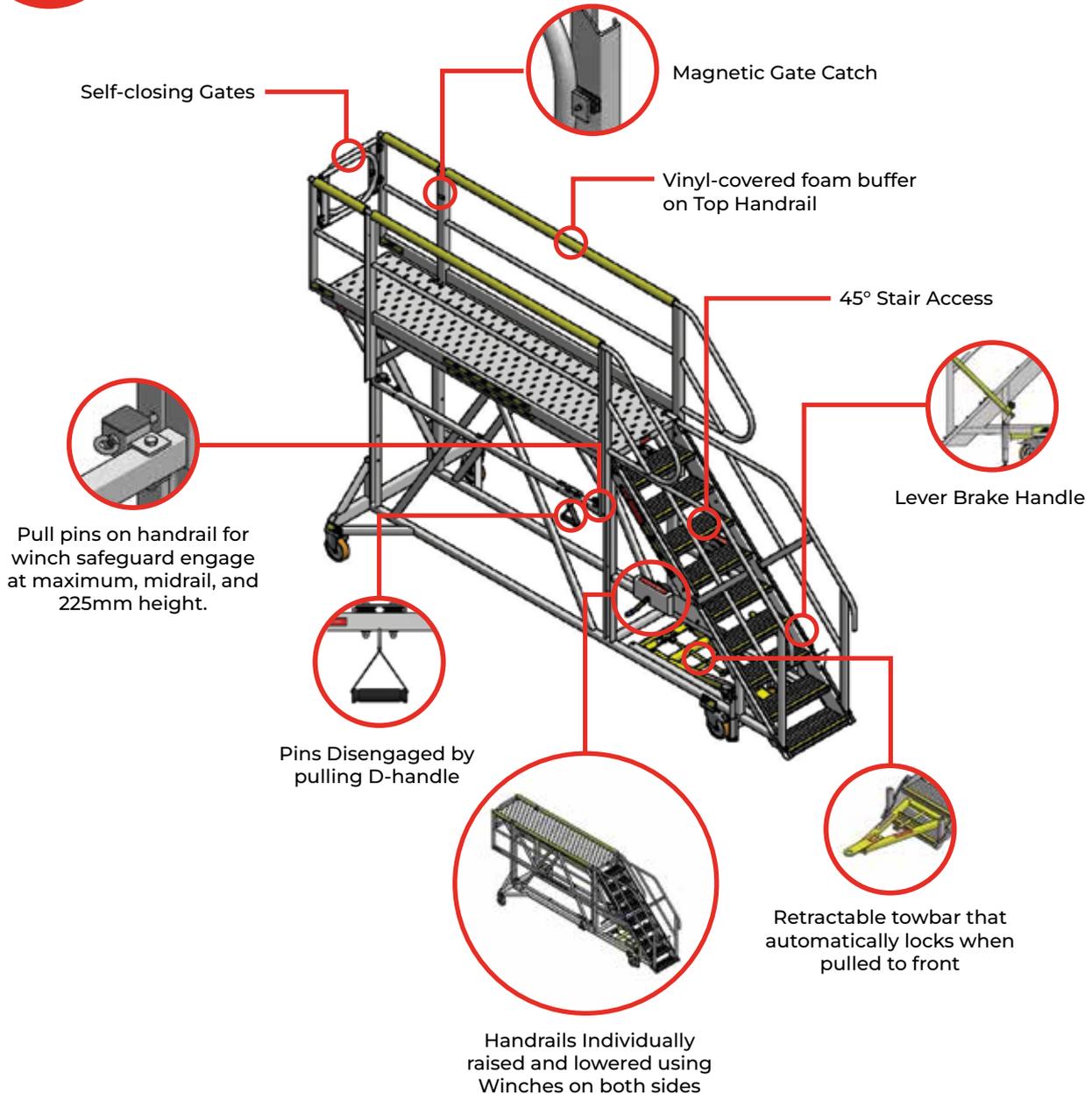
# BOEING B787

## UNDERCOWL ACCESS PLATFORM

- › Different height platforms to suit inboard and outboard engines.
- › Height adjustable platform options also available.
- › Sliding, height adjustable guardrails for ultimate useability.
- › Narrow footprint to allow a stand to be used on either side of the engine.
- › Towable and wind-rated for use on the line.



**ALSO SEE A380  
VERSION ON PAGE 56**





## BOEING B787

# UNDERCOWL ACCESS PLATFORM





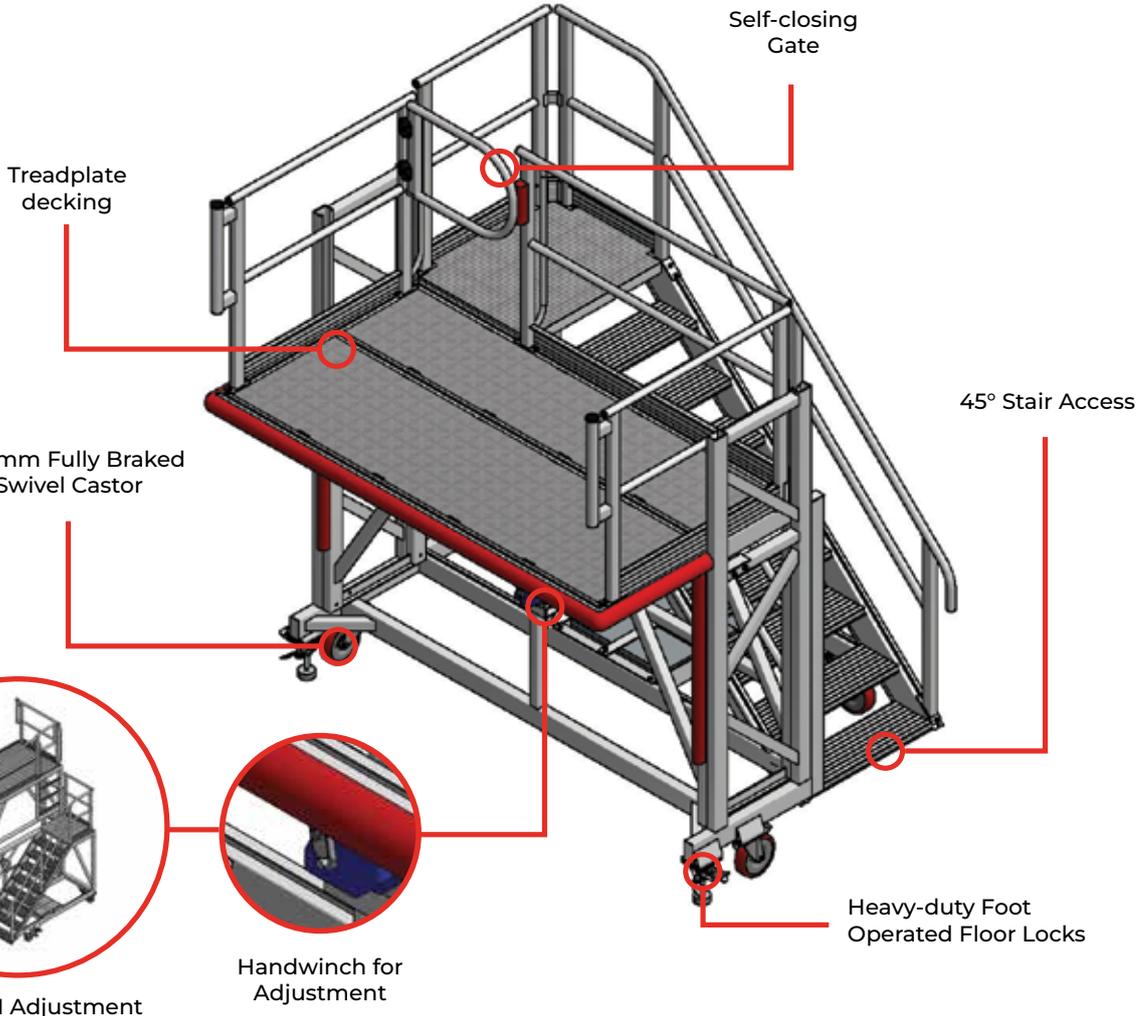
# BOEING B787

## SIDE ENGINE PLATFORM SET

- › Platform set consists of a platform, curved ladder and adjoining bridge.
- › Side platforms can be used independently and are height adjustable, to access the engines on or off the aircraft.
- › Cantilevered platform design to enable utilisation for other tasks.



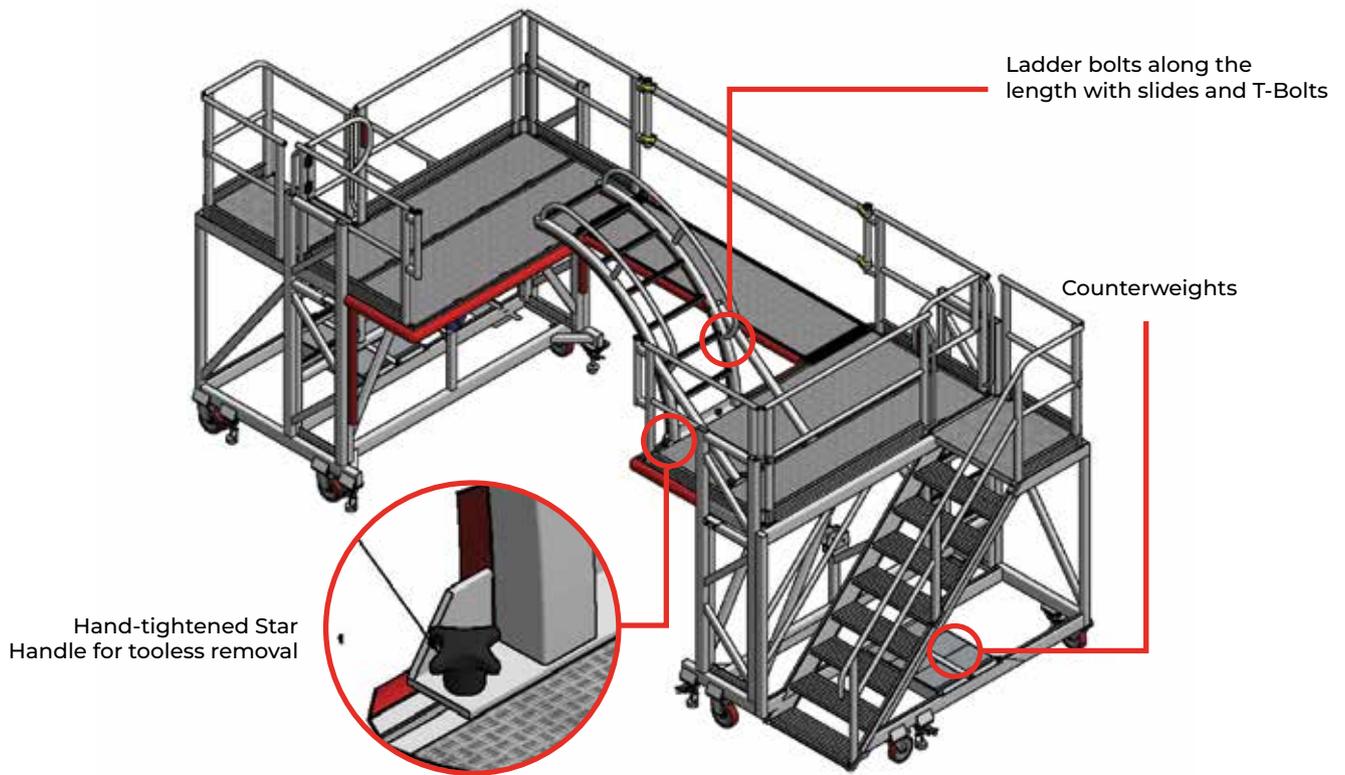
**ALSO SEE T900 VERSION ON PAGE 58-59**





## BOEING B787

# SIDE ENGINE PLATFORM SET



## PLATFORM RAISED

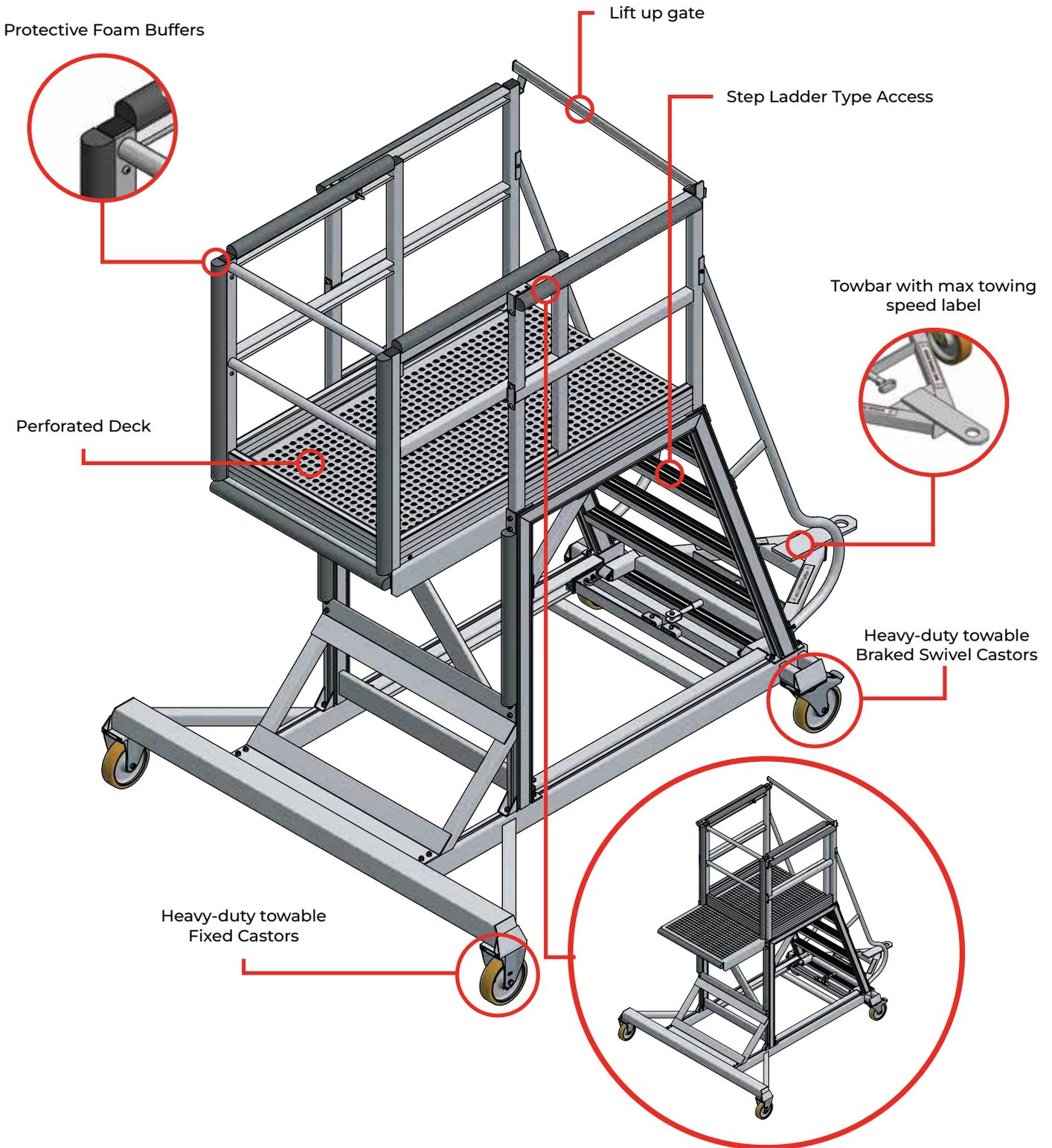




# BOEING B787

## CARGO HOLD ACCESS PLATFORM

› Guardrails slide out to allow access to the door activation handle, and then back in to allow the door to swing open whilst the operator accesses the activation panel from a safe platform area.





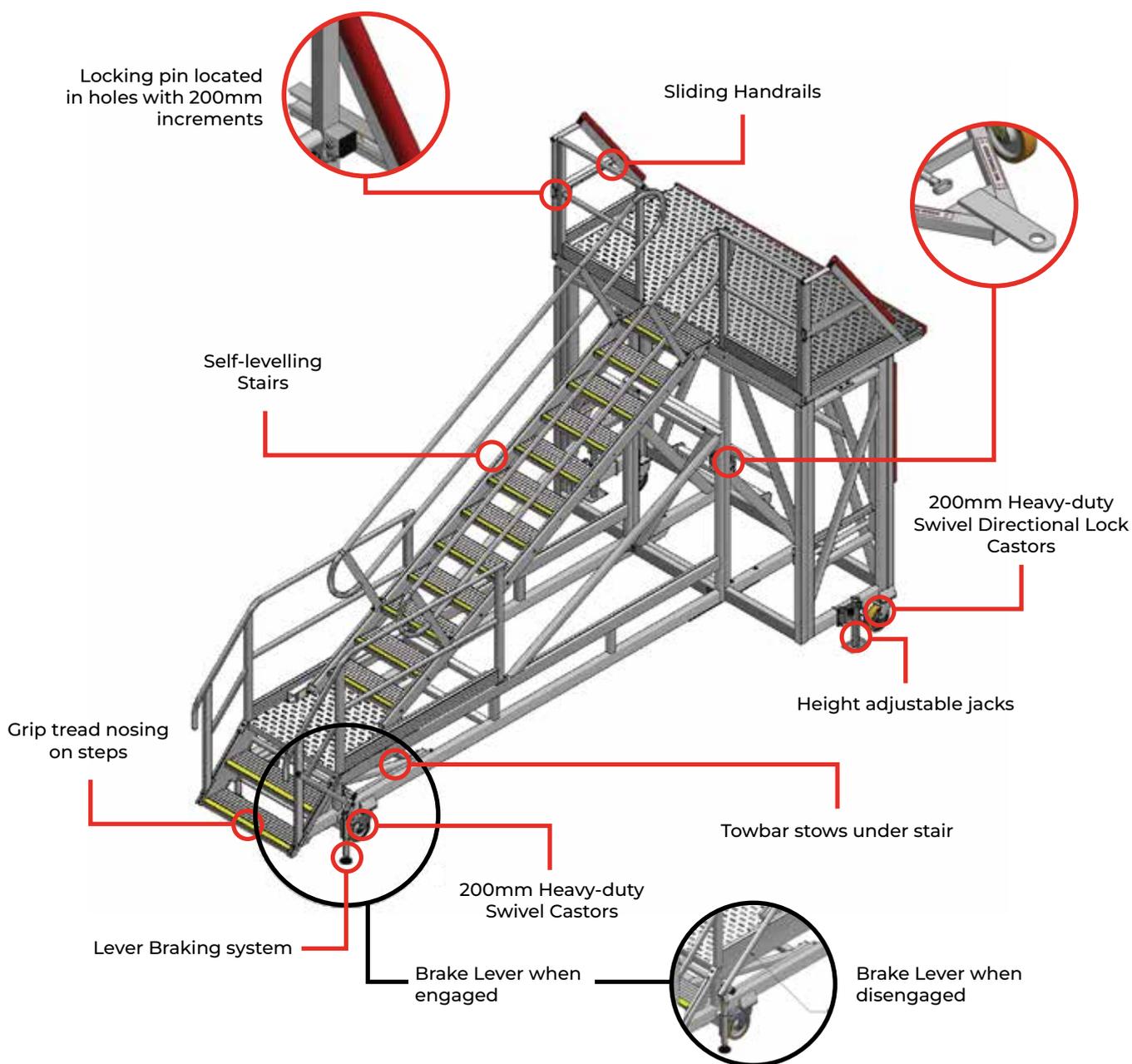
# BOEING B787

## CARGO DOOR ENGINEERING ACCESS STAIR

- › Allows for personnel access into the cargo hold area.
- › Full width platform to eliminate the risk of falls.
- › Adjustable height to suit varying aircraft load and cargo bays.

**ADJUSTS TO SUIT:**  
**A330 & B787**

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





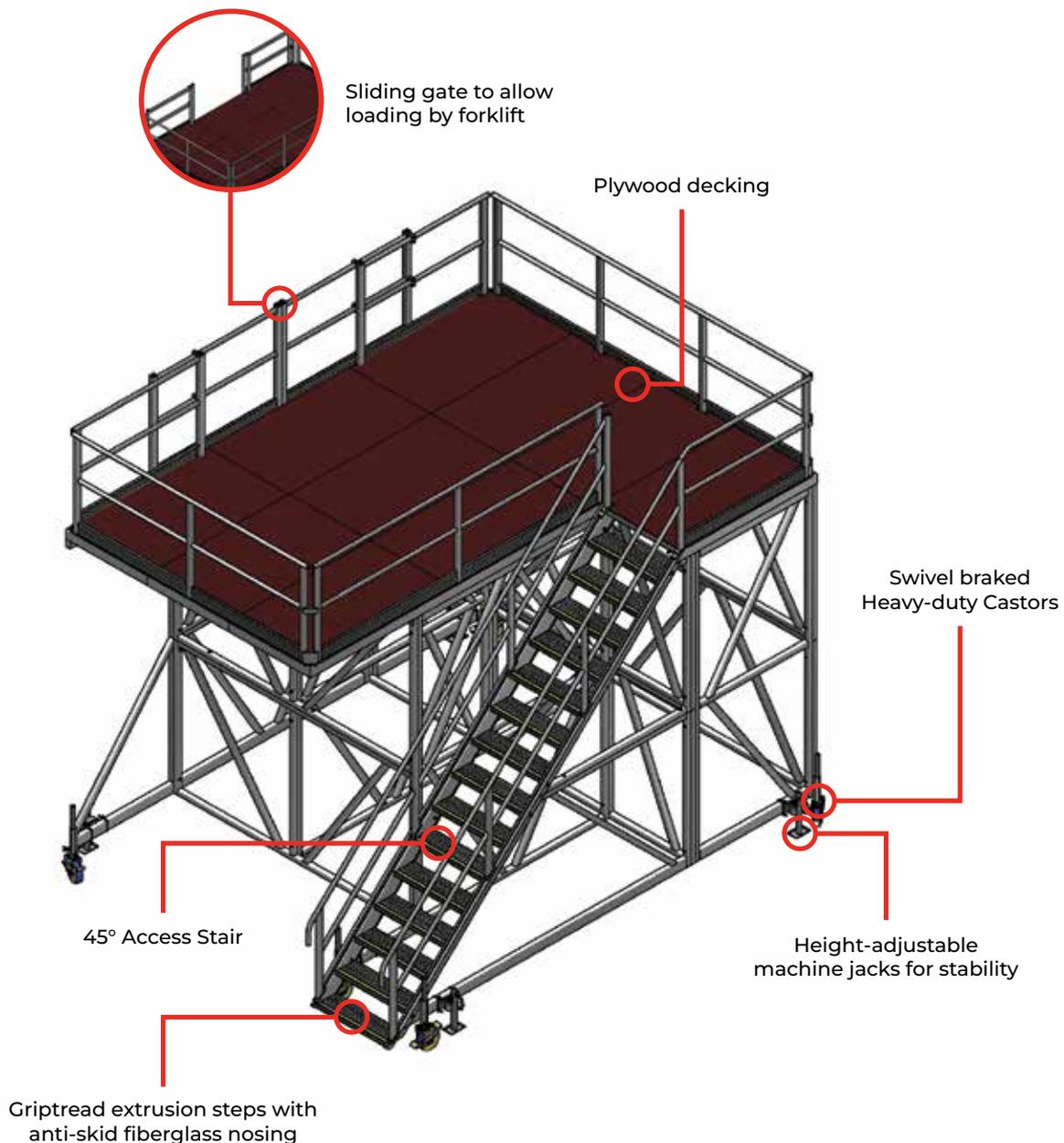
## BOEING B787

### APU ACCESS STAND

- › Large platform deck for APU replacement or removal.
- › Also available with an open frame and sliding cover to allow the APU to be lowered through the platform frame.



**ALSO SEE A320  
VERSION ON PAGE 28**





## BOEING B787

# CURVED ENGINE ACCESS LADDER

› Provides quick and easy access for engineers to the aircraft engines.

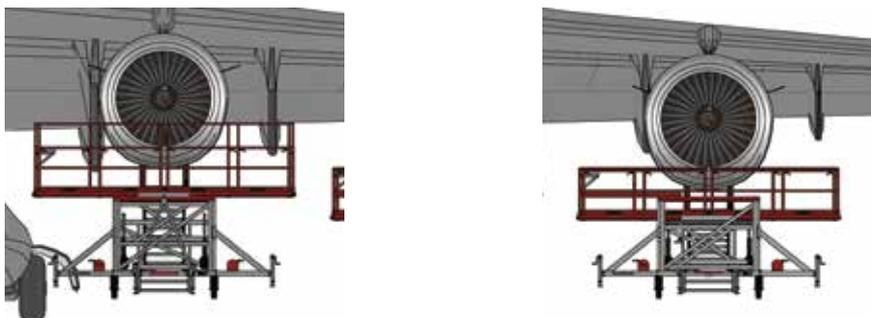


**ALSO SEE**  
**SIDE ENGINE-**  
**PLATFORM SET**  
**PAGE 98 - 99**  
FOR EXAMPLES



**BOEING C-17A****NSN: 1730-66-168-5156****ENGINE MAINTENANCE PLATFORM**

- › Suitable for inboard and outboard engines due to 0.5m of height adjustment.
- › Includes earthing reel for use on the line or base maintenance operations.
- › Configured to allow deployment in the back of a C-17A.
- › Battery operated electronic actuators lift and lower the platform with the push of a button.
- › Battery housing and control module suitable for external storage and operations.
- › Battery control module displays charge, and other battery health details.
- › Telescopic guardrail, allows the use of smaller stands and ladders on the platform.
- › Removable guardrail frames along the rear edge, allows ease of install around the engine.

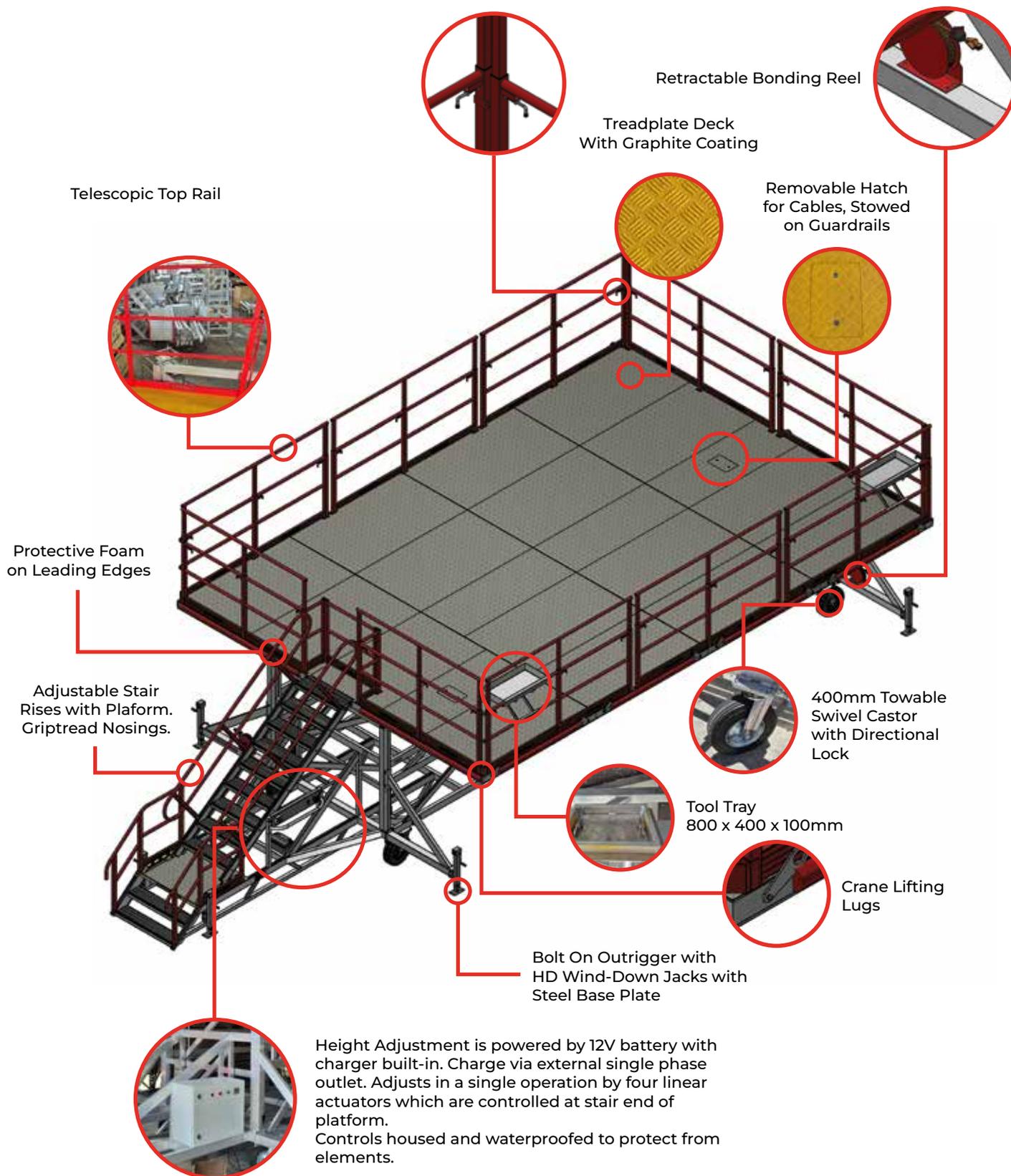
**HEIGHT ADJUSTABLE CONFIGURATIONS****TELESCOPIC RAILS EXTEND TO 1.5m HEIGHT****APPLICATION**



## BOEING C-17A

# ENGINE MAINTENANCE PLATFORM FEATURES

Spring Loaded Locking Pin to Hole Sliding Rails in raised Position. Remove Pin to Drop Rails Down.



Telescopic Top Rail

Retractable Bonding Reel

Treadplate Deck  
With Graphite Coating

Removable Hatch  
for Cables, Stowed  
on Guardrails

Protective Foam  
on Leading Edges

Adjustable Stair  
Rises with Platform.  
Griptread Nosings.

400mm Towable  
Swivel Castor  
with Directional  
Lock

Tool Tray  
800 x 400 x 100mm

Crane Lifting  
Lugs

Bolt On Outrigger with  
HD Wind-Down Jacks with  
Steel Base Plate

Height Adjustment is powered by 12V battery with charger built-in. Charge via external single phase outlet. Adjusts in a single operation by four linear actuators which are controlled at stair end of platform. Controls housed and waterproofed to protect from elements.



# ALENIA C-27J

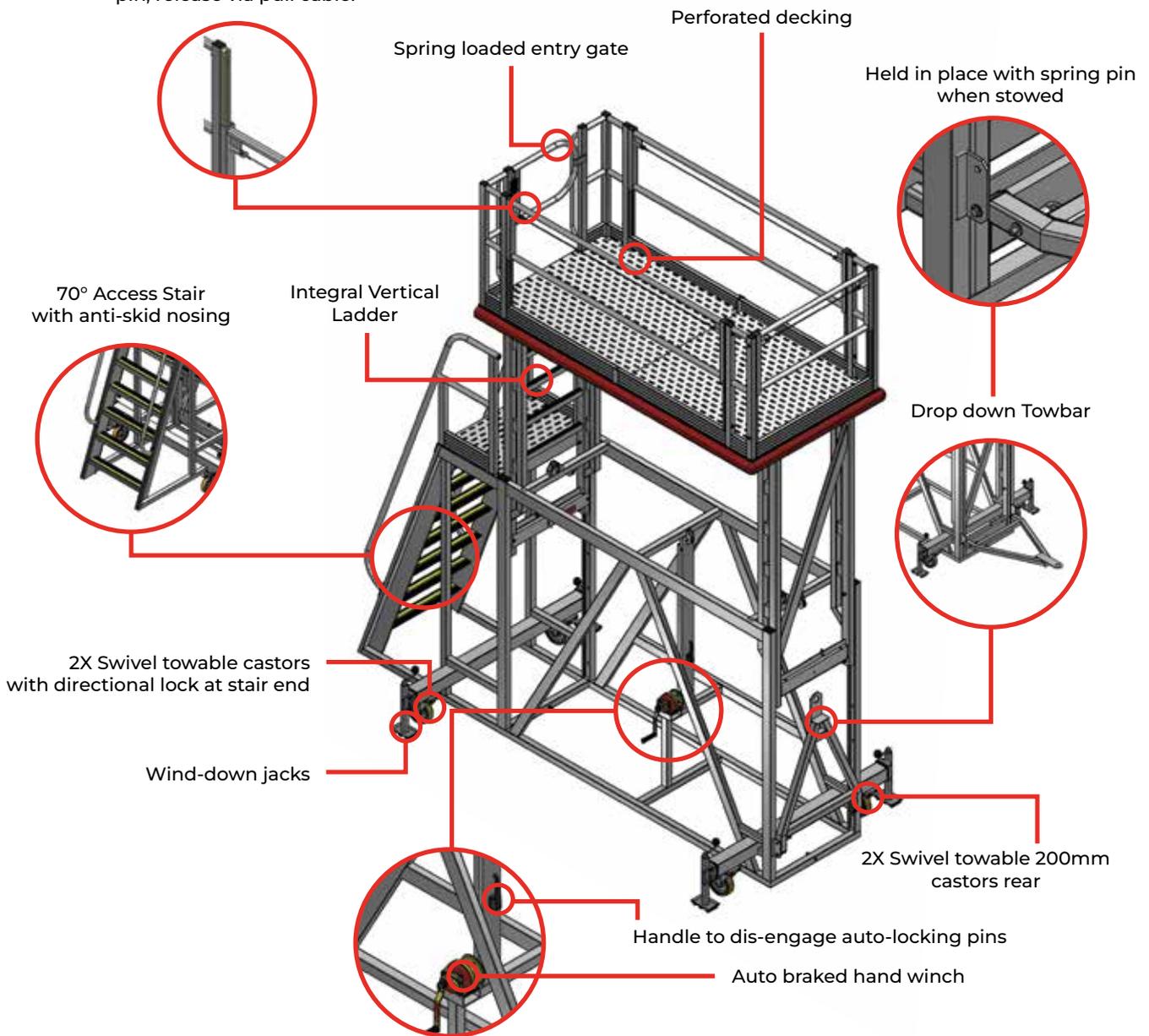


## ENGINE & WING HEIGHT ADJUSTABLE ACCESS PLATFORM

NSN: 1730-66-168-3323

- › Adjustable height to suit engine, flight control, and wing maintenance applications.
- › Sliding guardrails allow free access to the work space, including to open engine cowl.

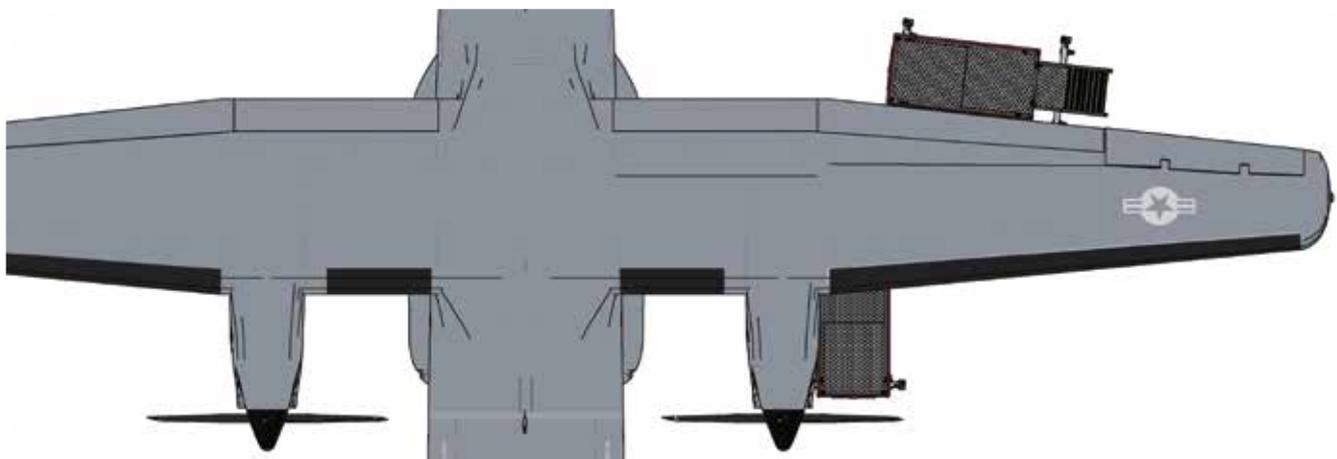
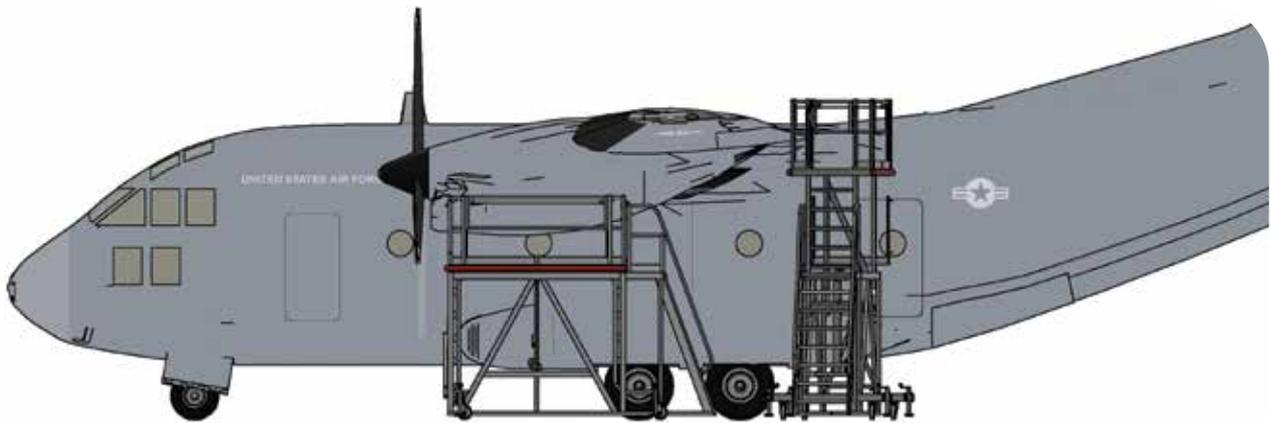
Sliding handrails can be dropped to midrail height or removed completely. Lock into position with spring loaded pin, release via pull cable.





## ALENIA C-27J

# ENGINE & WING HEIGHT ADJUSTABLE ACCESS PLATFORM





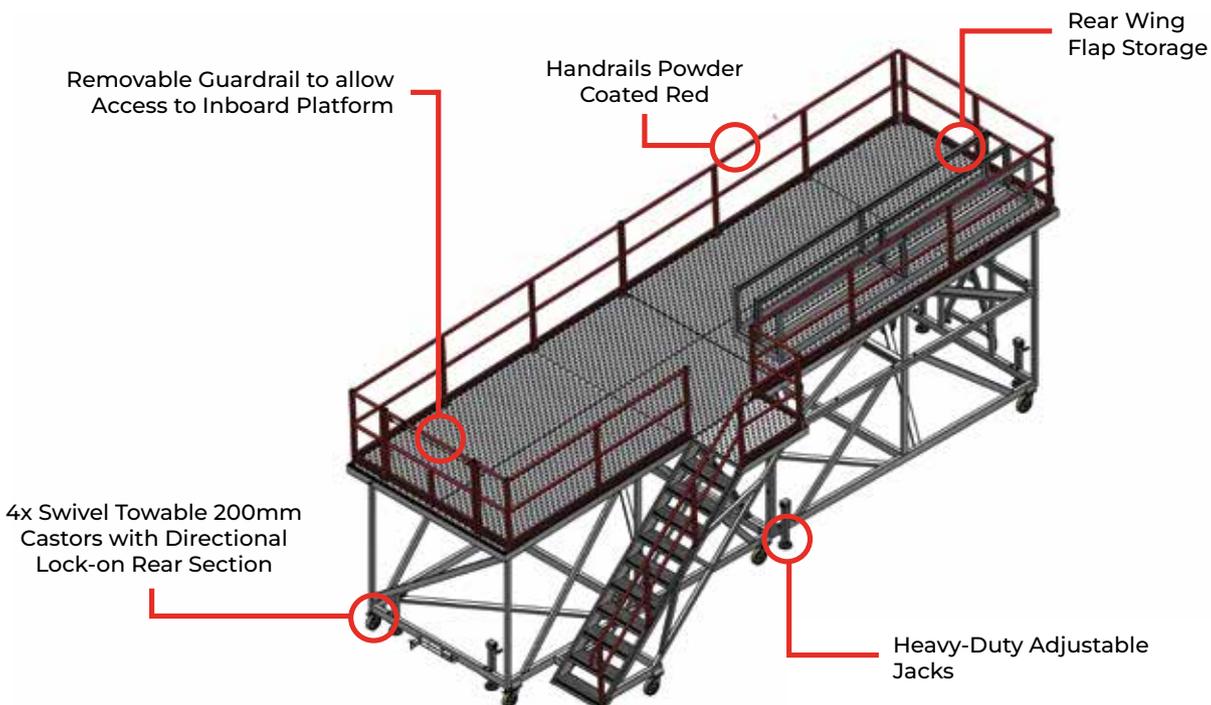
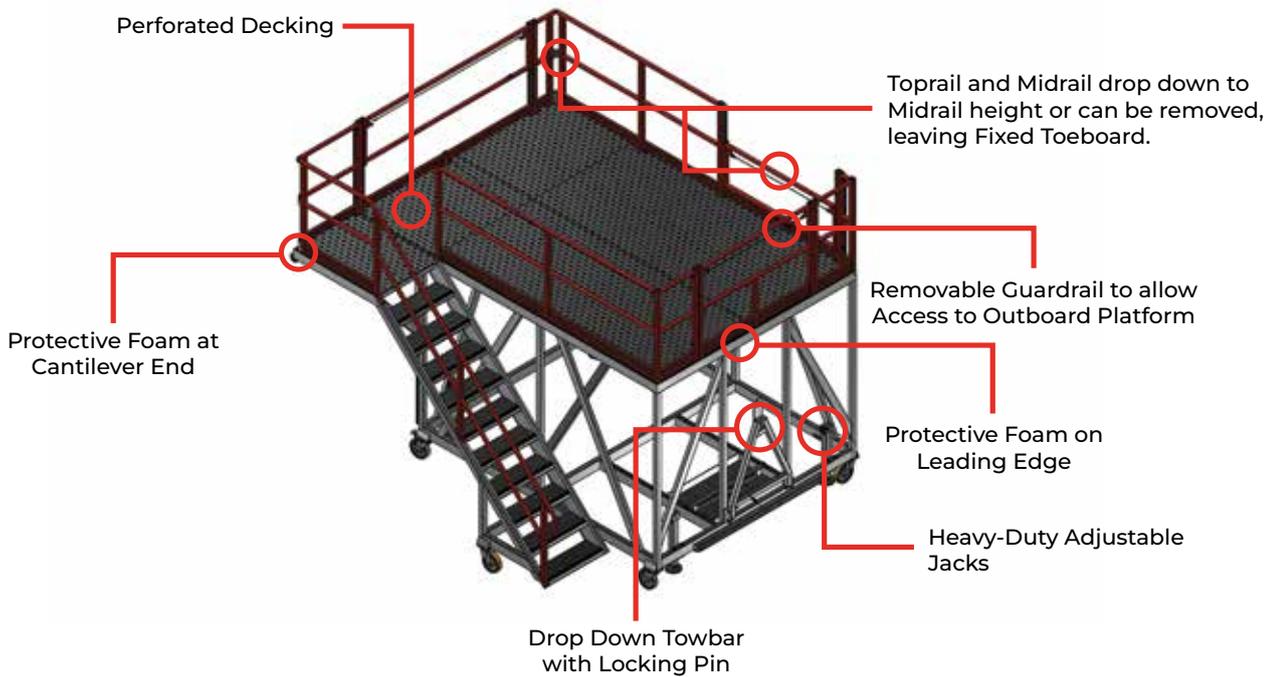
# ALENIA C-27J



## C-27 INBOARD & OUTBOARD REAR WING ACCESS

- › Provides access to complete flight control area of the wing.
- › Inboard/outboard modules can be joined and accessed between, or used independently.
- › Flap storage is included on the platforms to facilitate removal and replacement.

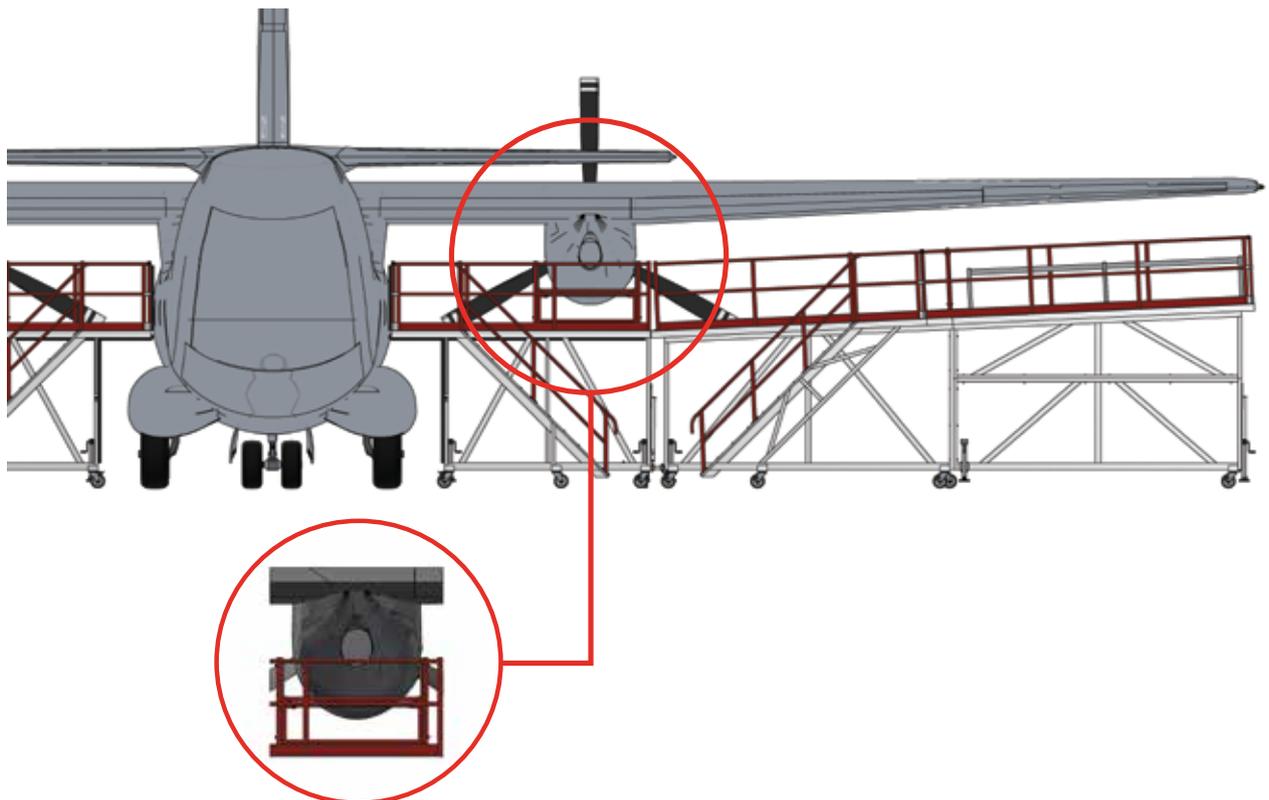
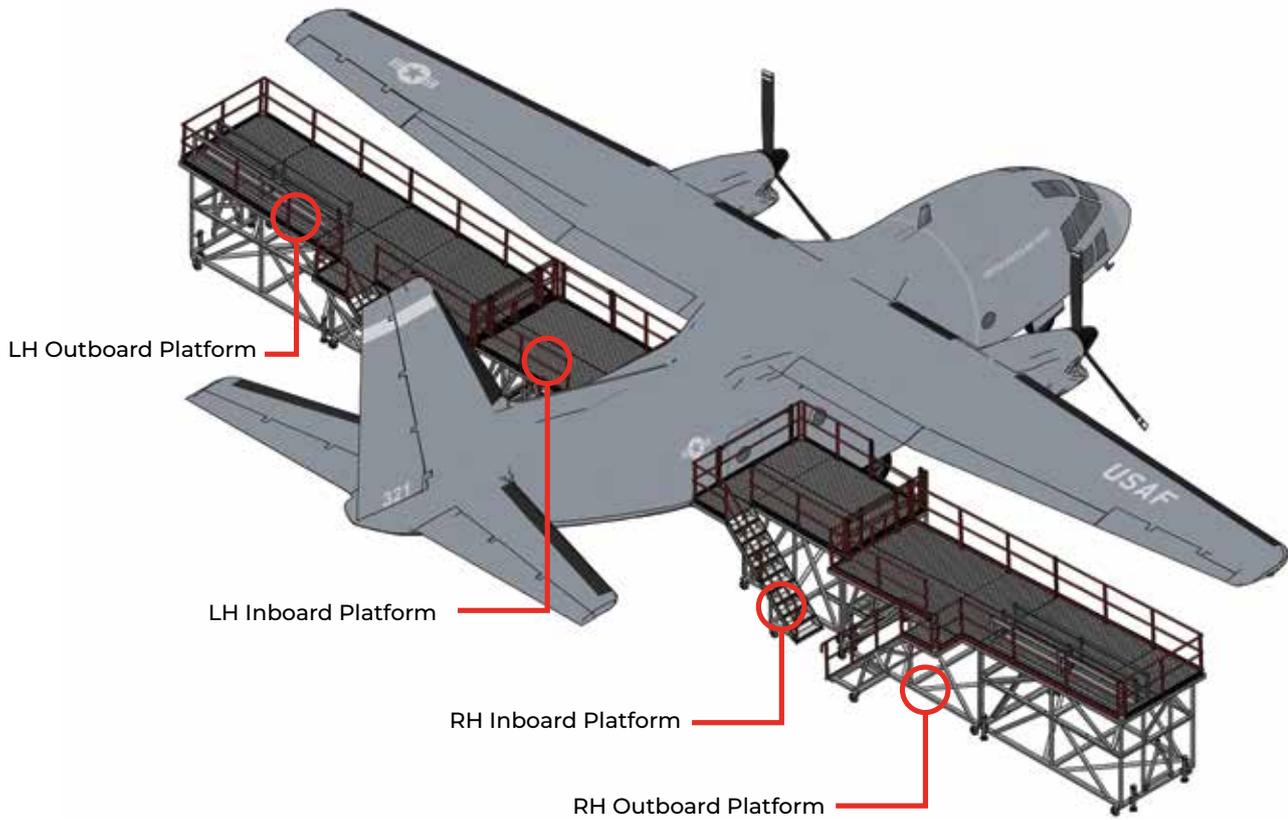
- RH INBOARD**  
NSN: 1730-66-168-3335
- RH OUTBOARD**  
NSN: 1730-66-168-3336
- LH INBOARD**  
NSN: 1730-66-168-3337
- LH OUTBOARD**  
NSN: 1730-66-168-3338





## ALENIA C-27J

# C-27 INBOARD & OUTBOARD REAR WING ACCESS





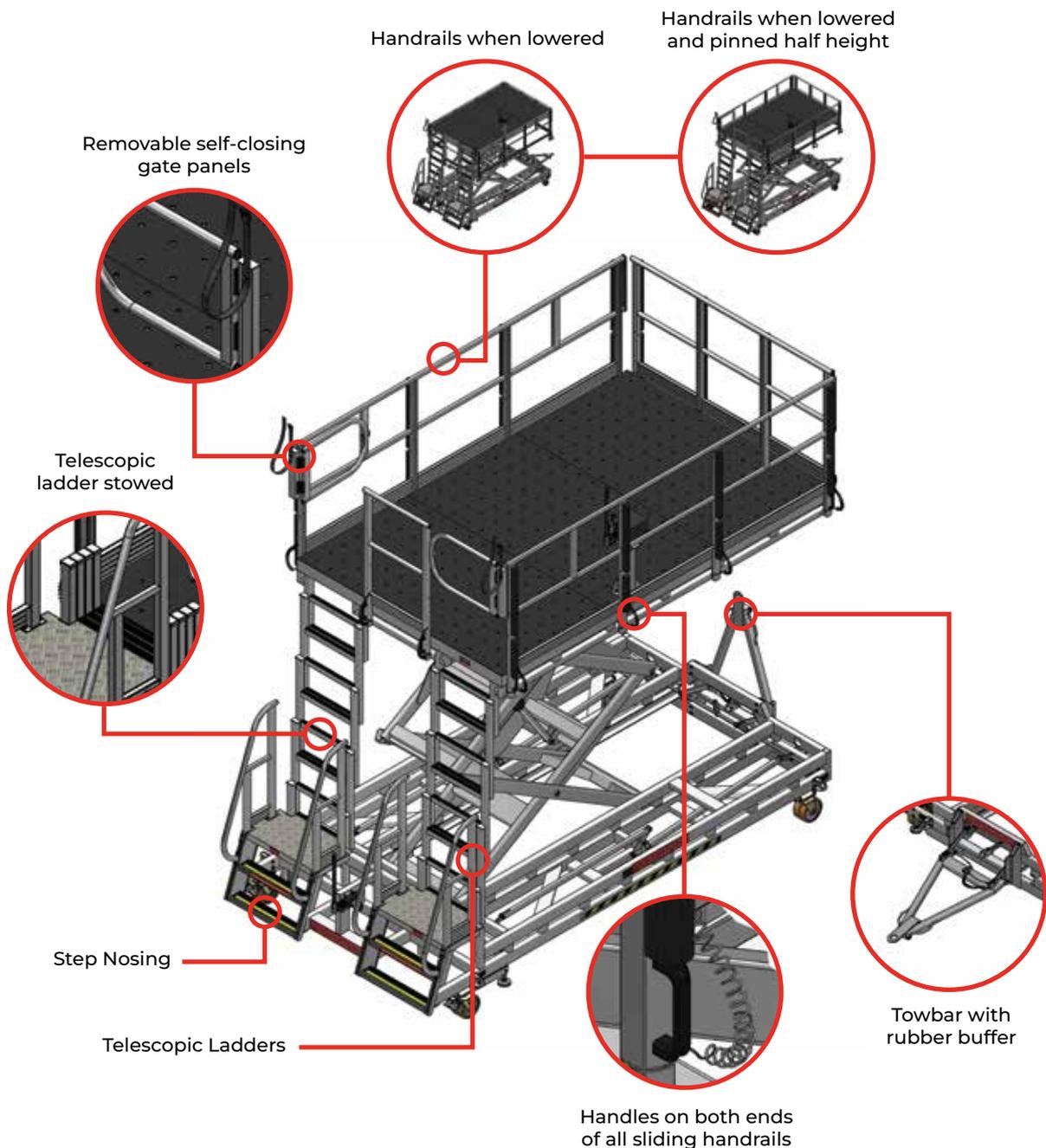
## LOCKHEED MARTIN C-130



NSN: 1730-66-168-3821

# AF-BF SERVICES WORK PLATFORM

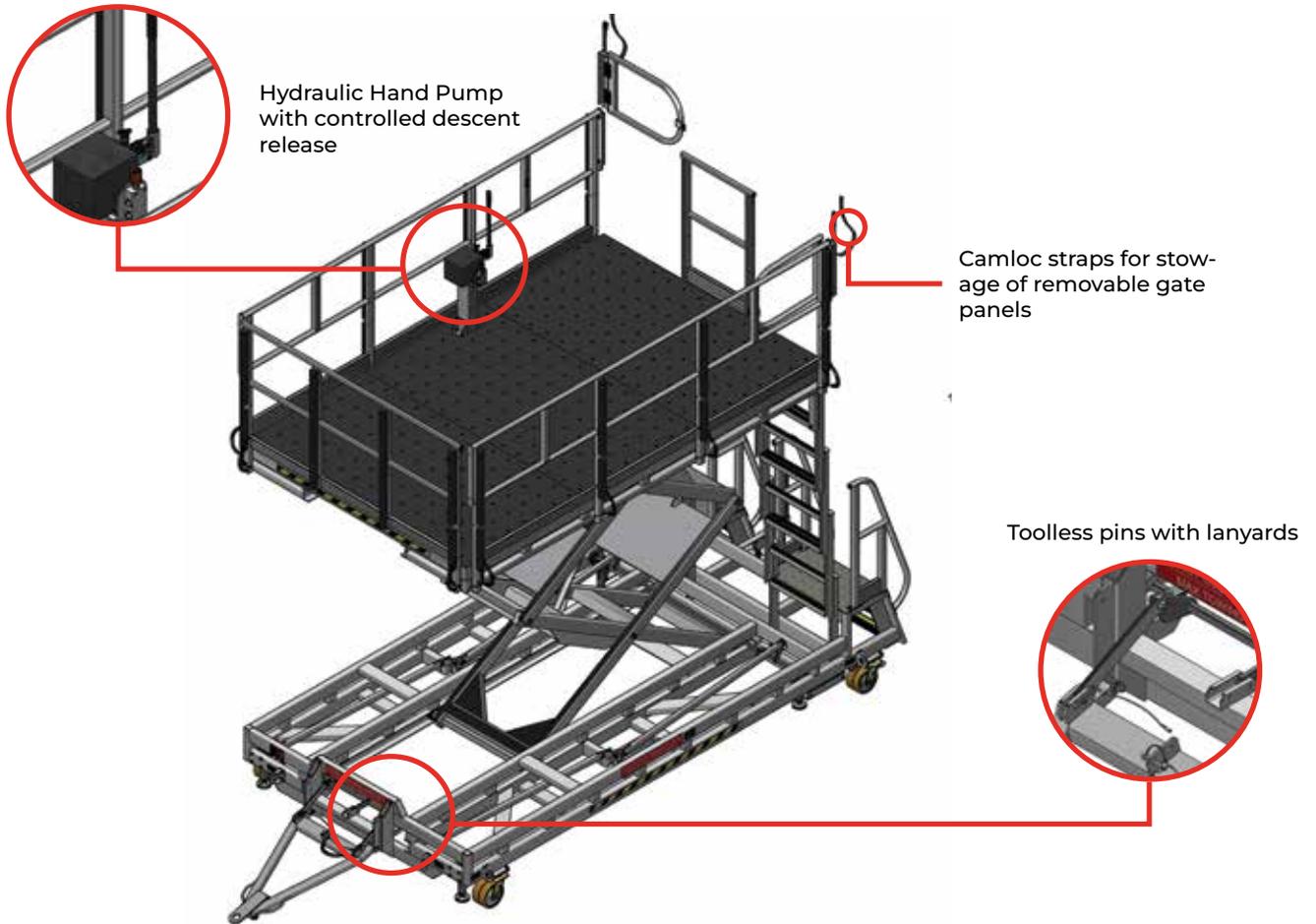
- › Configurable for many applications and tasks completed during After Flight and Before Flight checks.
- › Height adjustment is via hydraulics, and utilises a scissor arrangement to allow a massive adjustment range.
- › Rubber matting, provides superior grip and allows for work while kneeling.
- › All Components and removable parts are retained ensuring no FOD hazard.
- › Lifting the towbar automatically engages the brakes.
- › Able to be stowed and deployed in a C130, including tie down points.



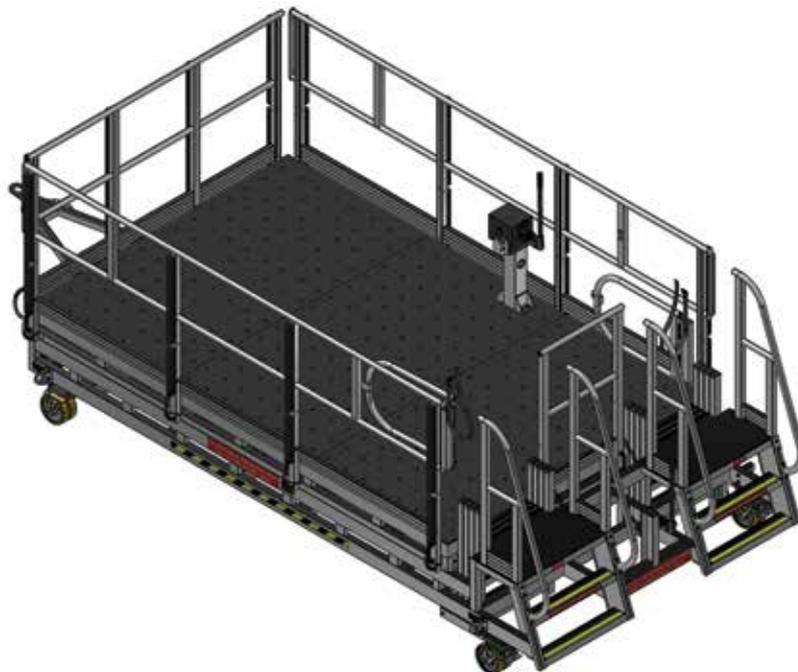


## LOCKHEED MARTIN C-130

### AF-BF SERVICES WORK PLATFORM



### LOWEST HEIGHT SETTING





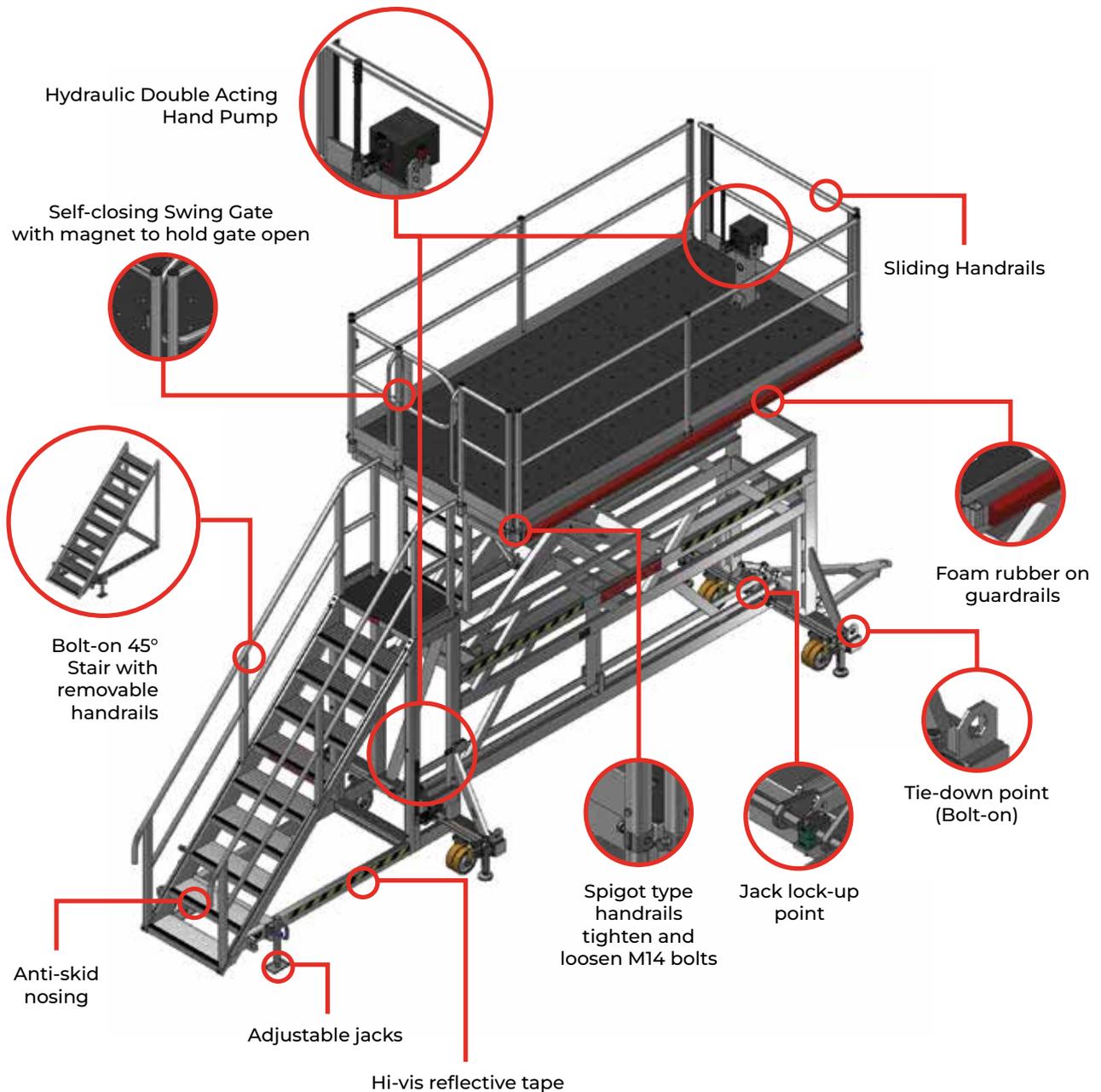
## LOCKHEED MARTIN C-130



NSN: 1730-66-168-3822

**ARMPIT SERVICE STAND**

- › Provides access to either the LH or RH Armpits of the C130 aircraft.
- › The structure is configured to clear the wheel well flaps.
- › Height adjustment is via hydraulics, and utilises a scissor arrangement.
- › Rubber matting provides superior grip and allows for work while kneeling.
- › All components and removable parts are retained with lanyards ensuring no FOD hazard.
- › Lifting the towbar automatically engages the brakes.
- › Able to be stowed and deployed in a C130, including tie down points.

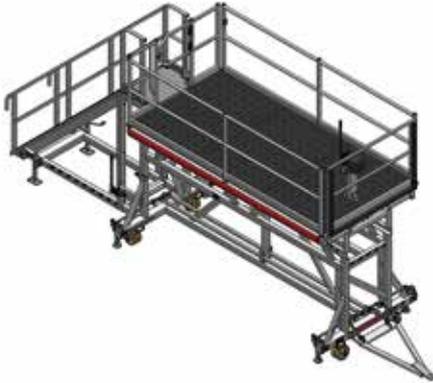




## LOCKHEED MARTIN C-130

# ARMPIT SERVICE STAND - CONFIGURATIONS

PLATFORM LOWERED WITH JACKS RAISED - TOWABLE CONFIGURATION



PLATFORM RAISED TO 3.0MH WITH JACKS LOWERED



PLATFORM WITHOUT BOLT-ON STAIR CONFIGURATION



## C-130 APPLICATION





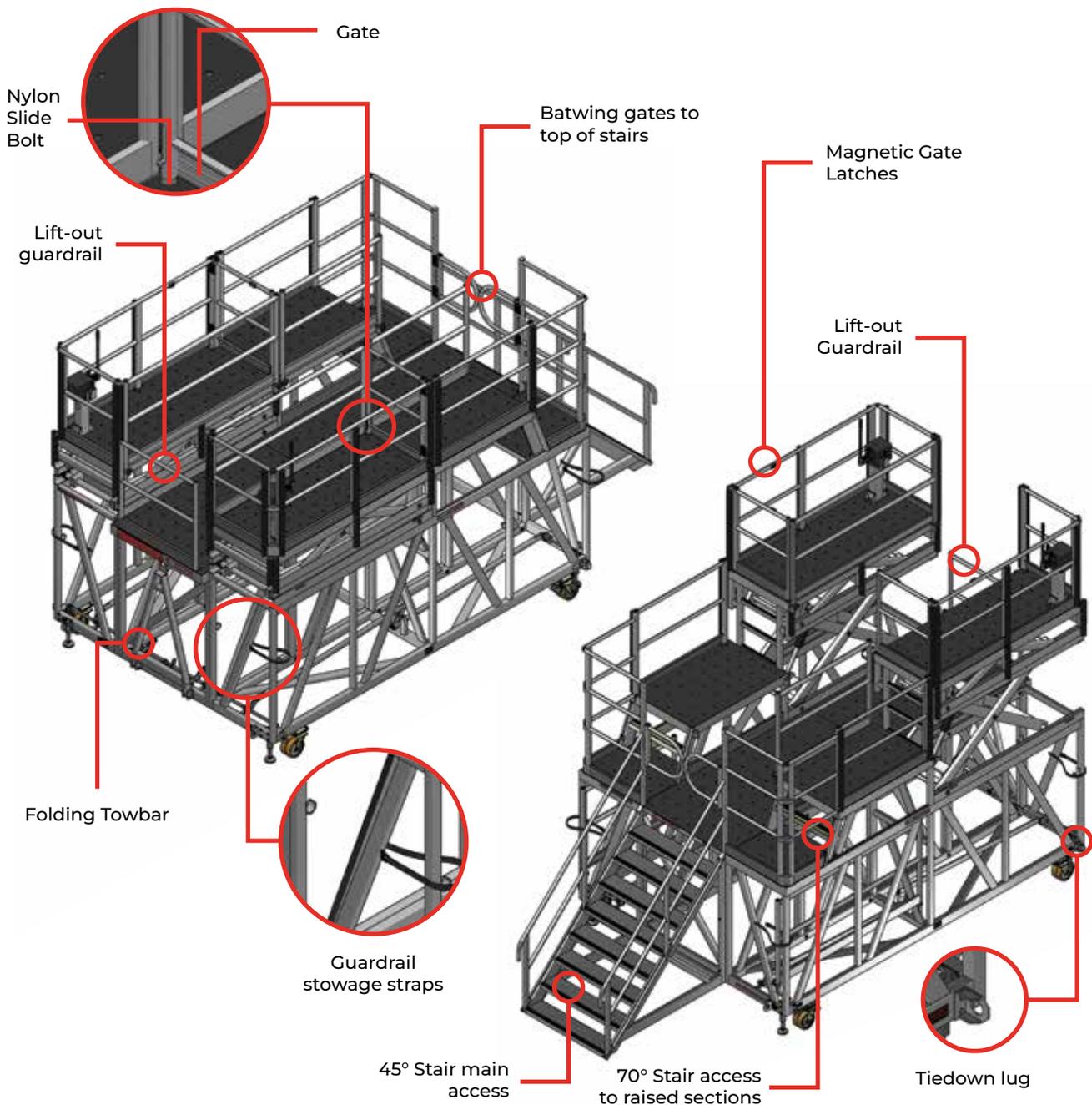
# LOCKHEED MARTIN C-130



NSN: 1730-66-168-3826

## C-130 ENGINE BODY WORK STAND

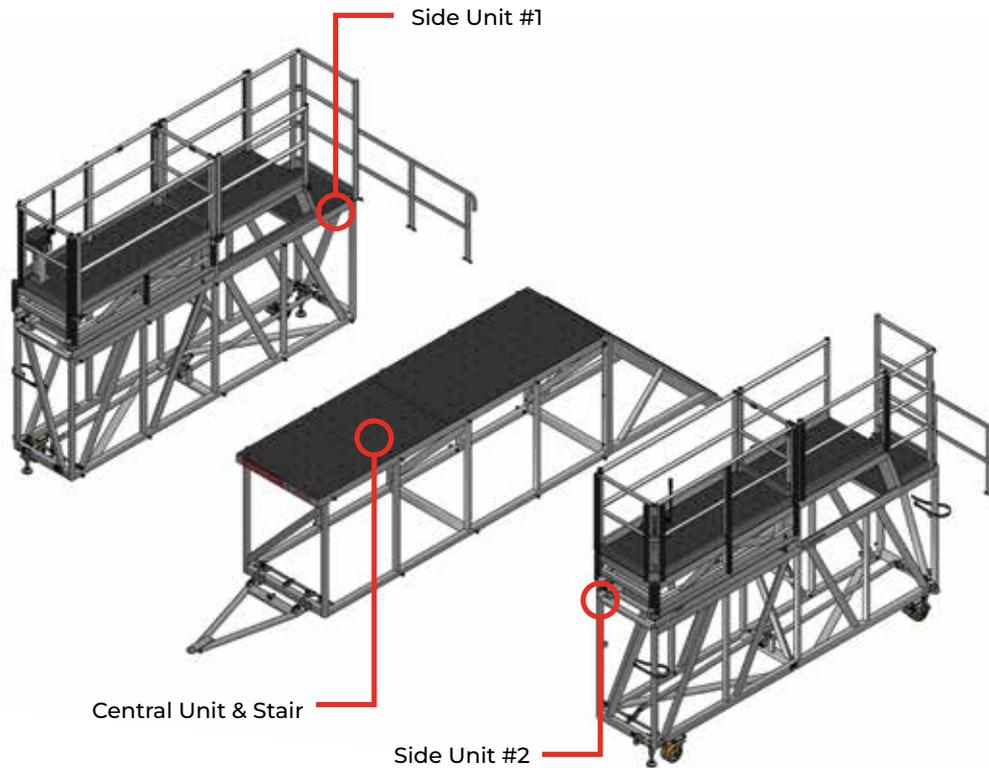
- › Provides complete access to the engine simultaneously for heavier maintenance including propeller replacement.
- › Portions of the platform are height adjustable via hydraulics, and utilises a scissor arrangement.
- › Rubber matting provides superior grip and allows for work while kneeling.
- › All components and removable parts are retained with lanyards ensuring no FOD hazard.
- › Lifting the towbar automatically engages the brakes.
- › Able to be stowed and deployed in a C130, including tie down points.



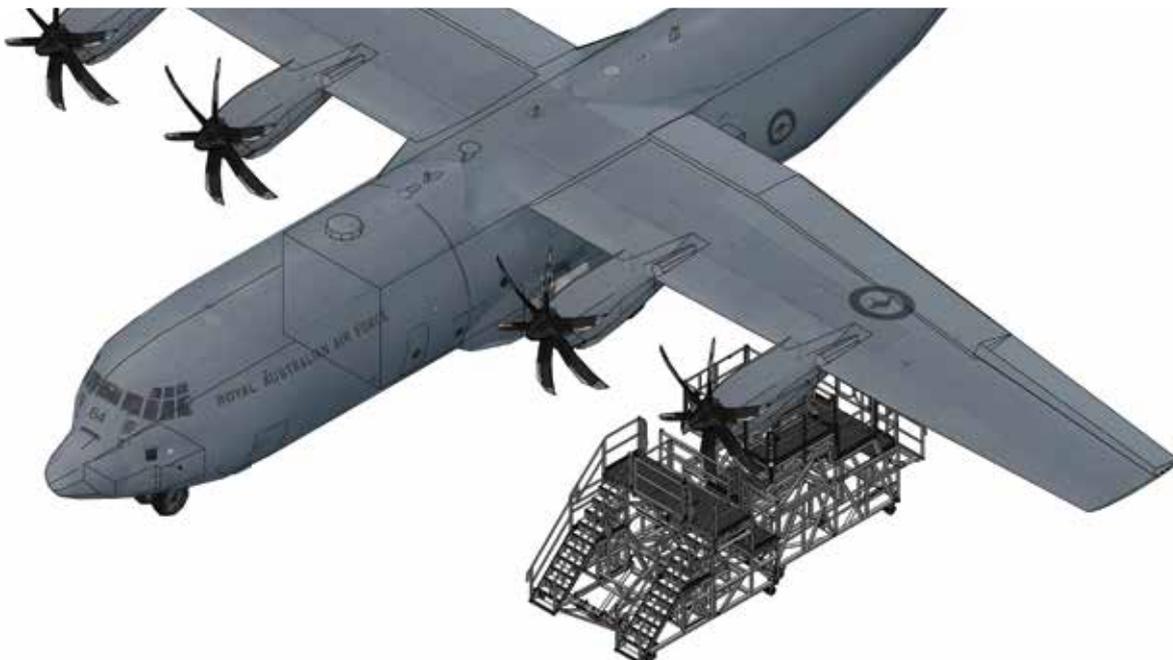


## LOCKHEED MARTIN C-130

# C-130 ENGINE BODY WORK STAND 3-PIECE SYSTEM



## C-130 APPLICATION





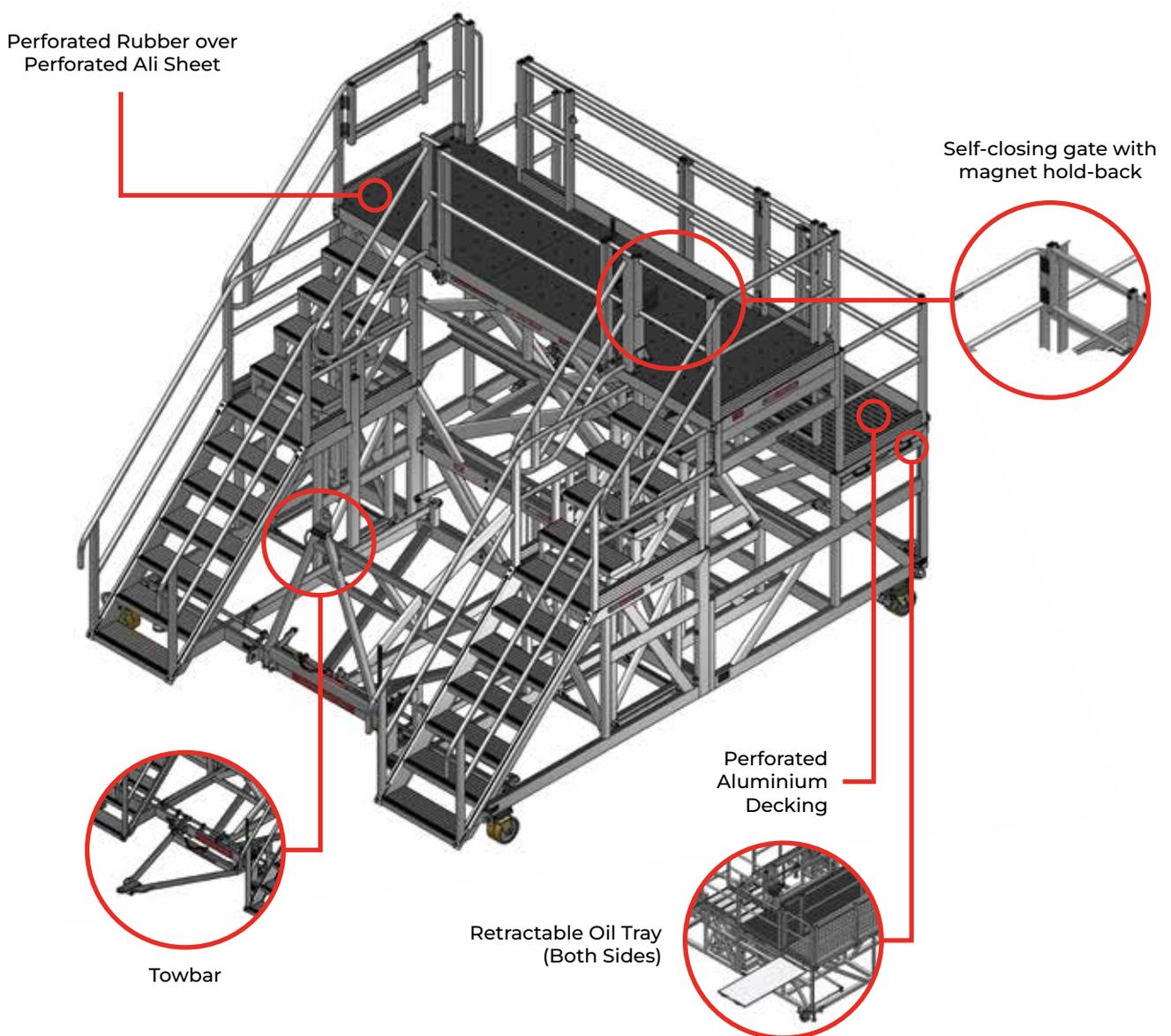
## LOCKHEED MARTIN C-130



NSN: 1730-66-168-3825

## PROPELLER BODY WORK PLATFORM

- › Provides access for propeller replacement.
- › Interconnects with the Engine Body Stand allowing access between them.
- › Portions of the platform adjust in height with hydraulics, utilising a scissor arrangement.
- › Stair steps raise with the adjustable platform, providing stair access to the adjustable platform, allowing the users to guide the propeller away from the aircraft.
- › Rubber matting provides superior grip and allows for work while kneeling.
- › Oil catch decking is positioned underneath the propeller to catch oil during the replacement process.
- › All components and removable parts are retained with lanyards ensuring no FOD hazard.
- › Lifting the towbar automatically engages the brakes.
- › Able to be stowed and deployed in a C130, including tie down points.



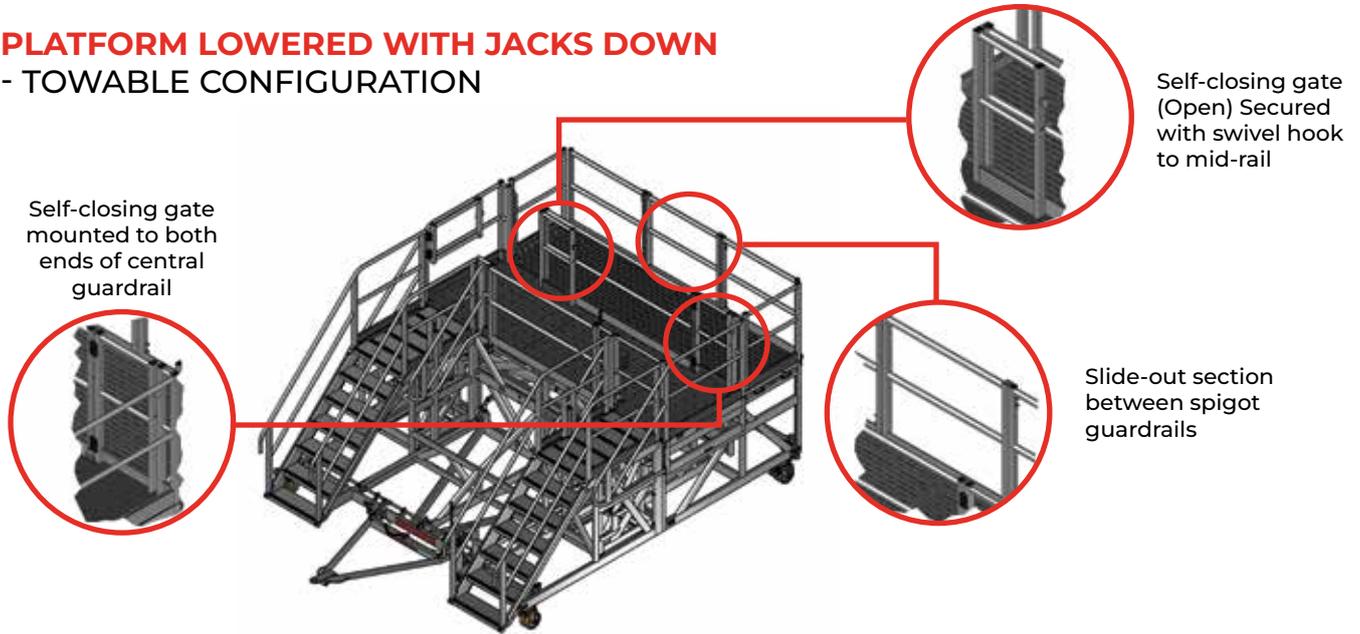


## LOCKHEED MARTIN C-130

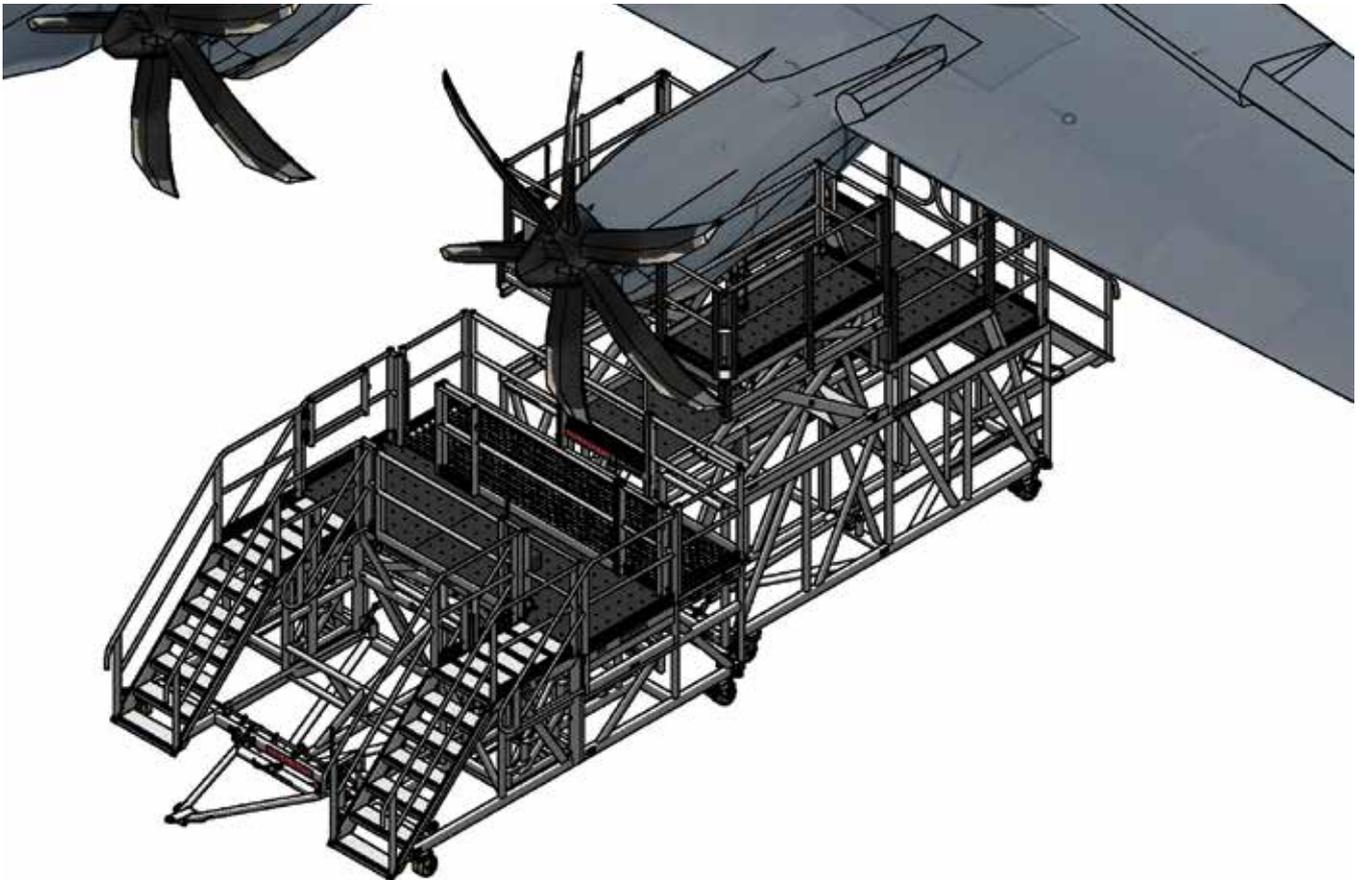
# PROPELLER BODY WORK PLATFORM

### PLATFORM LOWERED WITH JACKS DOWN

#### - TOWABLE CONFIGURATION



## PROPELLER BODY WORK PLATFORM PAIRED WITH ENGINE BODY STAND





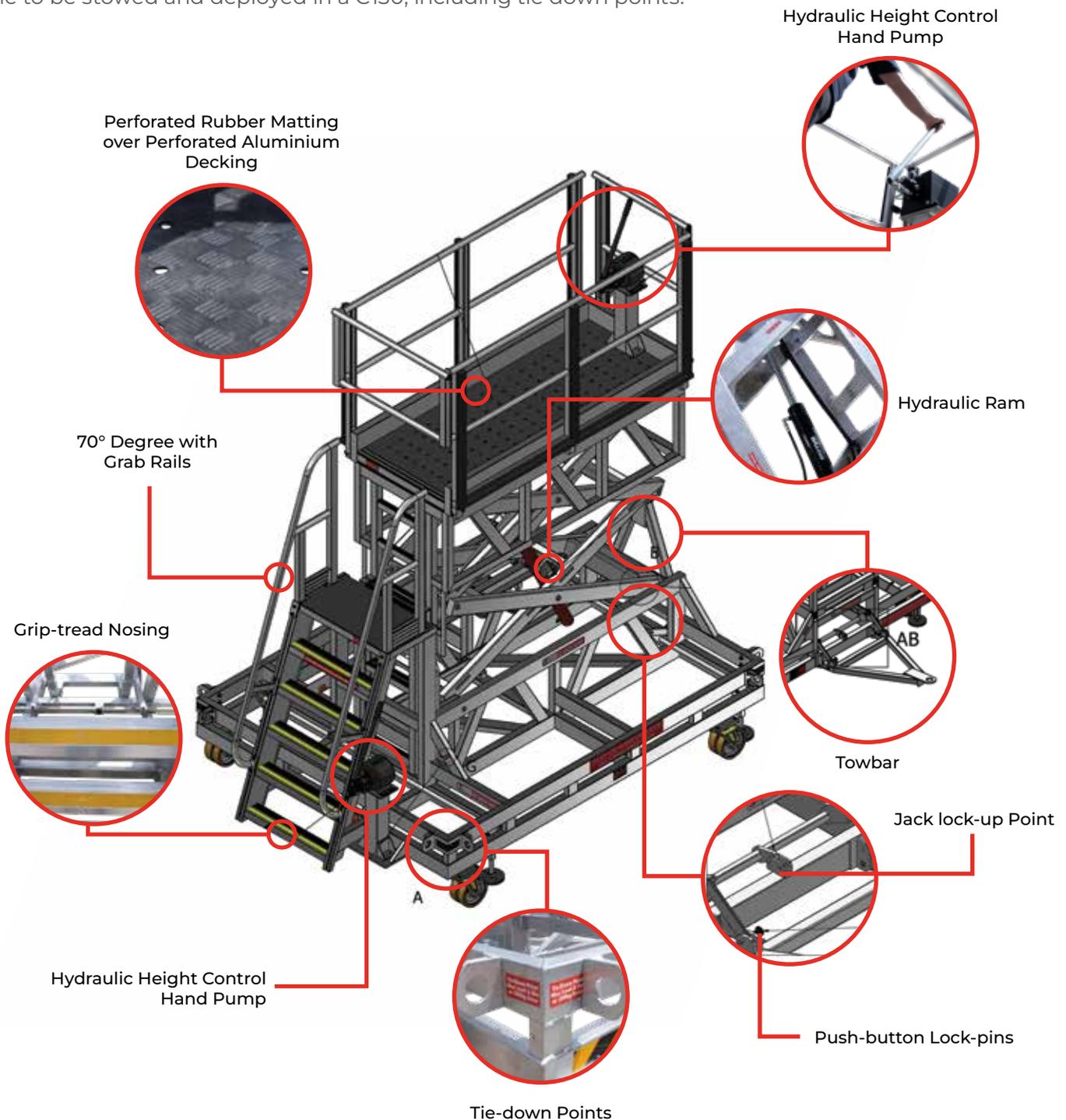
# LOCKHEED MARTIN C-130



NSN: 1730-66-168-3823

## ENGINE FLAP SERVICE STAND

- › Configurable for many applications including Engine and Flap maintenance and checks.
- › Height adjustments is via hydraulics, and utilises a scissor arrangement to allow a massive adjustment range!
- › Rubber matting provides superior grip and allows for work while kneeling.
- › All components and removable parts are retained with lanyards ensuring no FOD hazard.
- › Lifting the towbar automatically engages the brakes.
- › Able to be stowed and deployed in a C130, including tie down points.





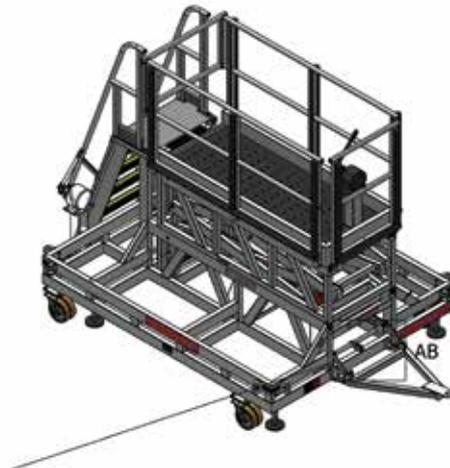
## LOCKHEED MARTIN C-130

# ENGINE FLAP SERVICE STAND CONFIGURATIONS

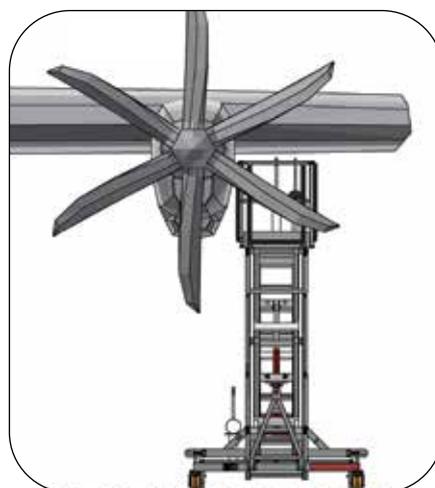
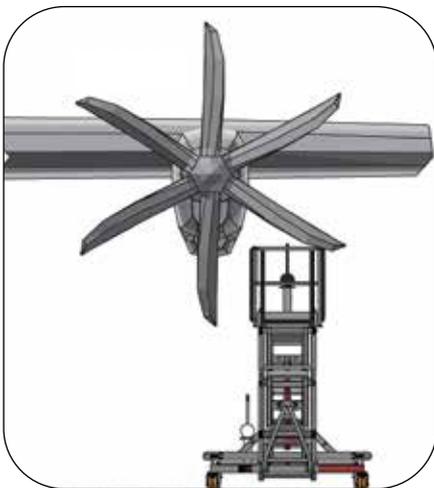
PLATFORM AT 4.0MH, WITH JACKS  
AND TWO GUARDRAILS LOWERED



PLATFORM LOWERED & JACKS  
RAISED - TOWABLE CONFIGURATION



## VARIOUS HEIGHT ADJUSTMENT SETTINGS



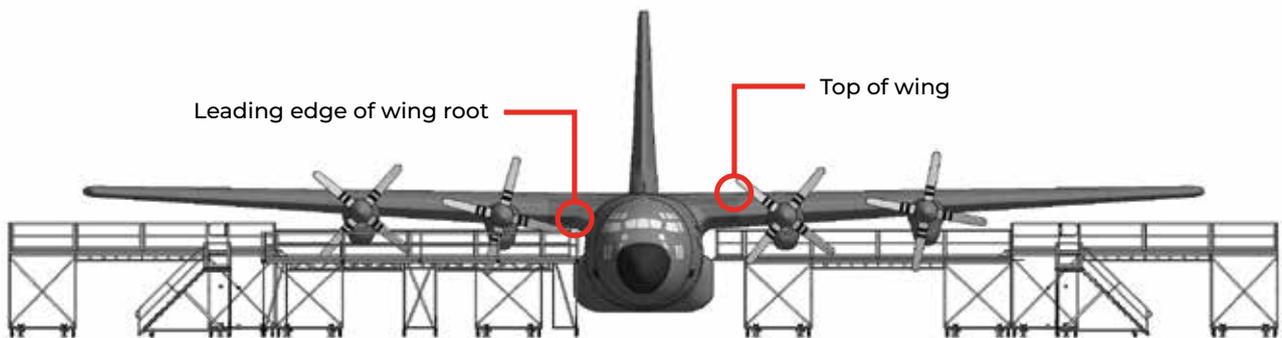


## LOCKHEED MARTIN C-130

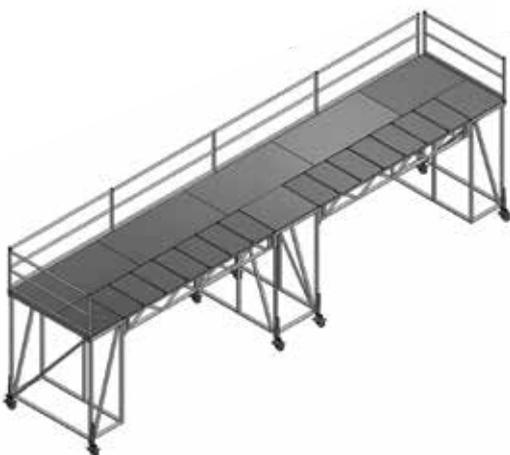
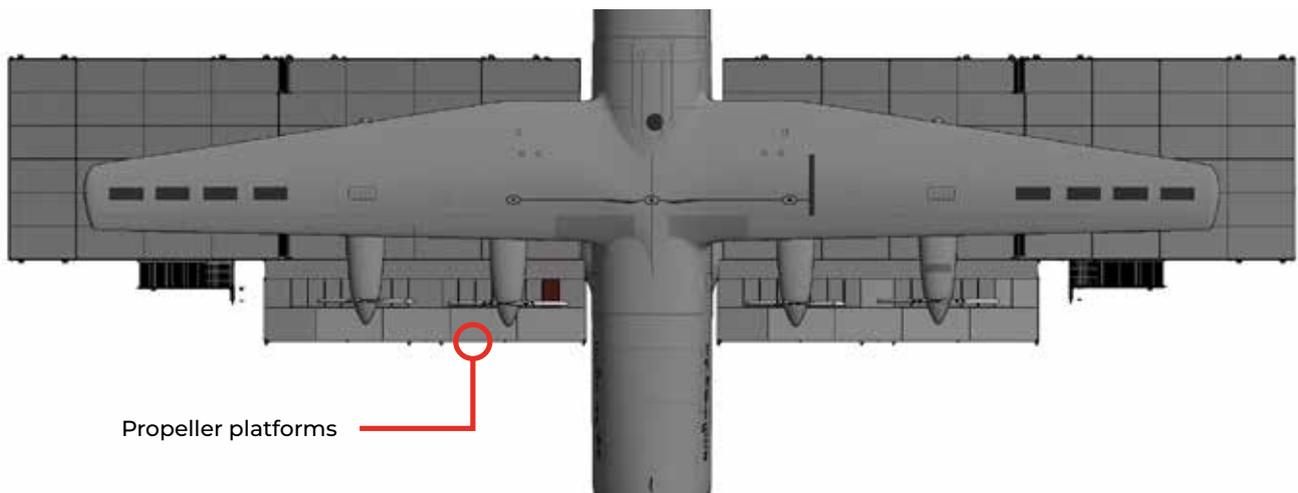
## WING DOCK

- › Modular dock in movable sections, for ease of set up in confined spaces.
- › Forward propeller platforms have configurable sliders to close gaps around propellers and enable access to all sides of the engine.

### FRONT VIEW



### TOP VIEW



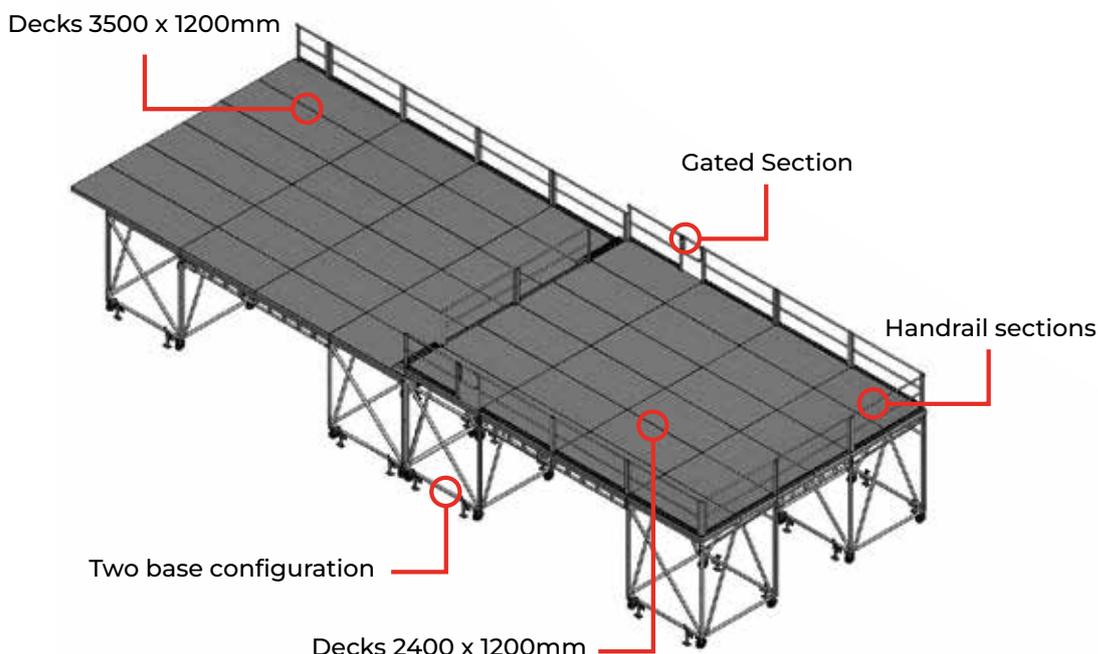
## PROPELLER PLATFORMS

- › Move in after aircraft is positioned to create access around engines and propellers.
- › Removable fingers to allow for prop blades to be positioned through the stand.
- › Solid Truss design to allow 2-3 personnel to manoeuvre each platform.



## LOCKHEED MARTIN C-130

### WING DOCK - MODULE

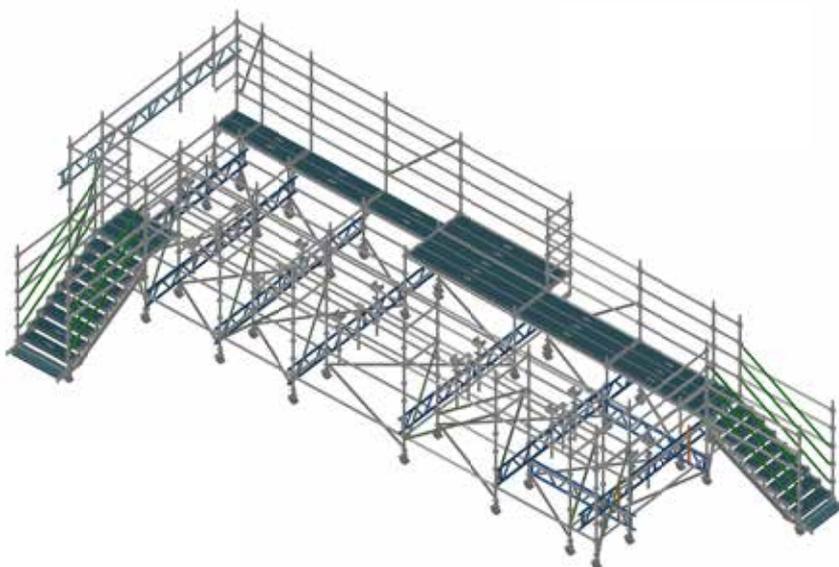


### WING CRADLES

- › Mobile wing cradle allows work on all sides, including the leading edge, flight control, underside, and top of the wing area.
- › Precise plywood profiles with foam ensure proper support of the wing in the precise location required by the manufacturer.
- › Modular design allows for reconfiguration as required, and redeployment to another area.
- › Tow point included for ease of manoeuvring.
- › Stair access to the top of the wing, allowing tools and parts to be carried to and from the work area.
- › Lightweight aluminium component construction for mobility.
- › Large heavy-duty towable castors to allow movement between locations.



**LH CRADLE DOCK**  
**NSN: 1730-66-168-5550**  
**RH CRADLE DOCK**  
**NSN: 1730-66-168-5551**





# LOCKHEED MARTIN C-130

## DOCKING SYSTEM

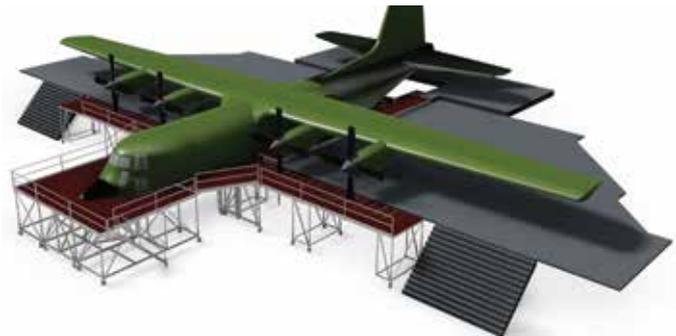
### LARGER SCALE INSTALLATION | VARIOUS DOCKING CONCEPTS

#### AIRCRAFT DOCKING SYSTEM HERCULES C130 (PICTURED)

- › SafeSmart Access provided the complete solution from system design to installation.
- › Project: Hercules C130 heavy duty refurbishment for the RAAF Richmond, NSW, Australia.
- › The package includes heavy duty steel base docking platforms, structural aluminium custom mobile platforms and aluminium mobile scaffold to create a complete access solution.
- › Proscaf scaffold and clear span truss beams allow for tight space requirements and plenty of unobstructed access for operators underneath the platform.
- › Custom design aluminium platforms encapsulate the aircraft completely, yet can be easily relocated if required.
- › Mobile scaffolding gives cost effective access to the wing surfaces.
- › Complete system can be disassembled for redeployment.
- › Unique, configurable design for different maintenance programs.
- › Removeable nose docks and sliders so aircraft can be quickly moved.



MOBILE ALUMINIUM DOCKING FOR NOSE AND PROPELLER ACCESS  
UNIQUE SLIDING PLATFORM SYSTEM FOR CLOSE ACCESS TO FUSELAGE



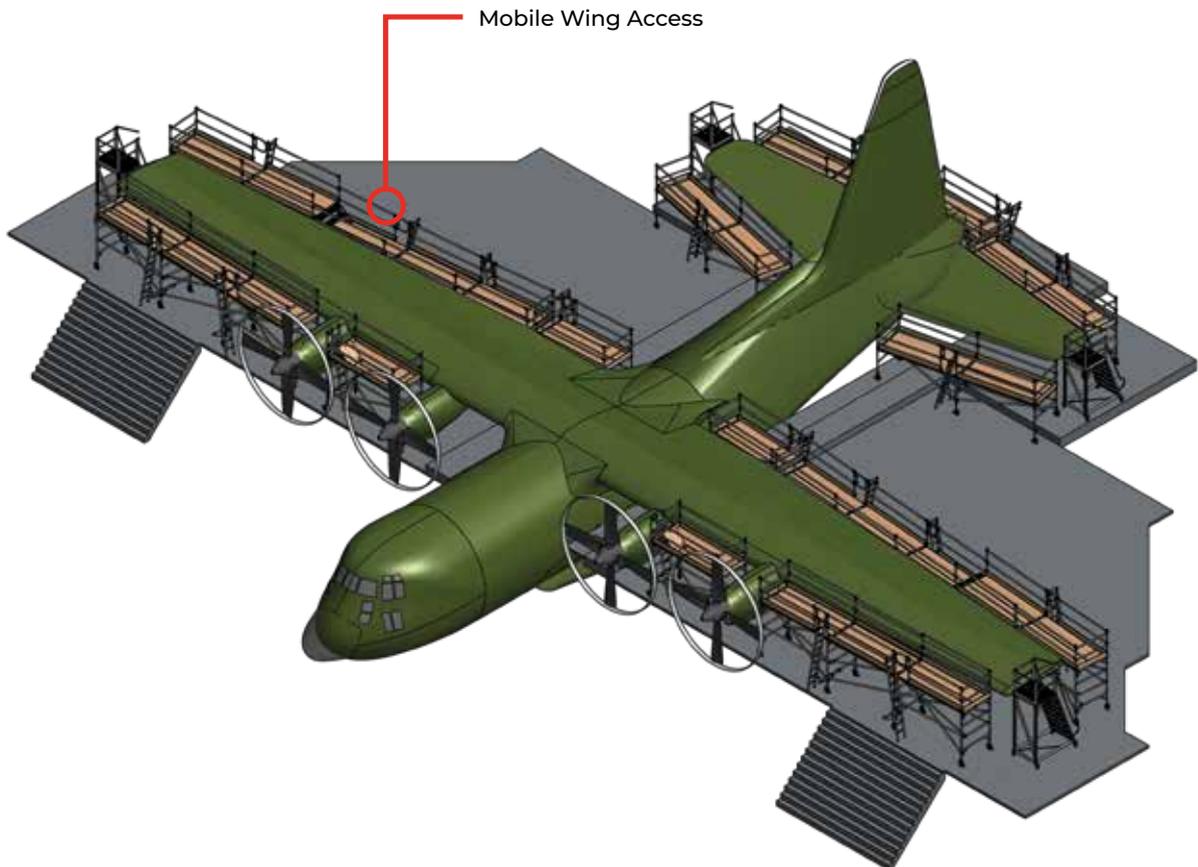
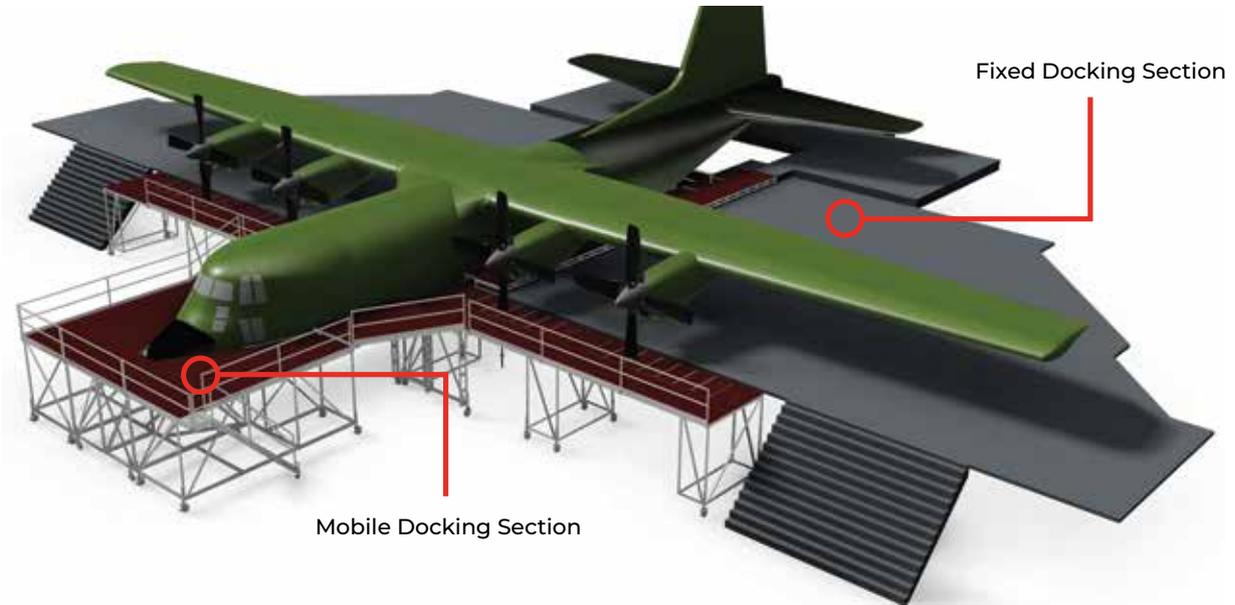
MOBILE SCAFFOLDING FOR WING PROTECTION DESIGNED TO  
AVOID USING HARNESSES AND LANYARDS





# LOCKHEED MARTIN C-130

## DOCKING SYSTEM

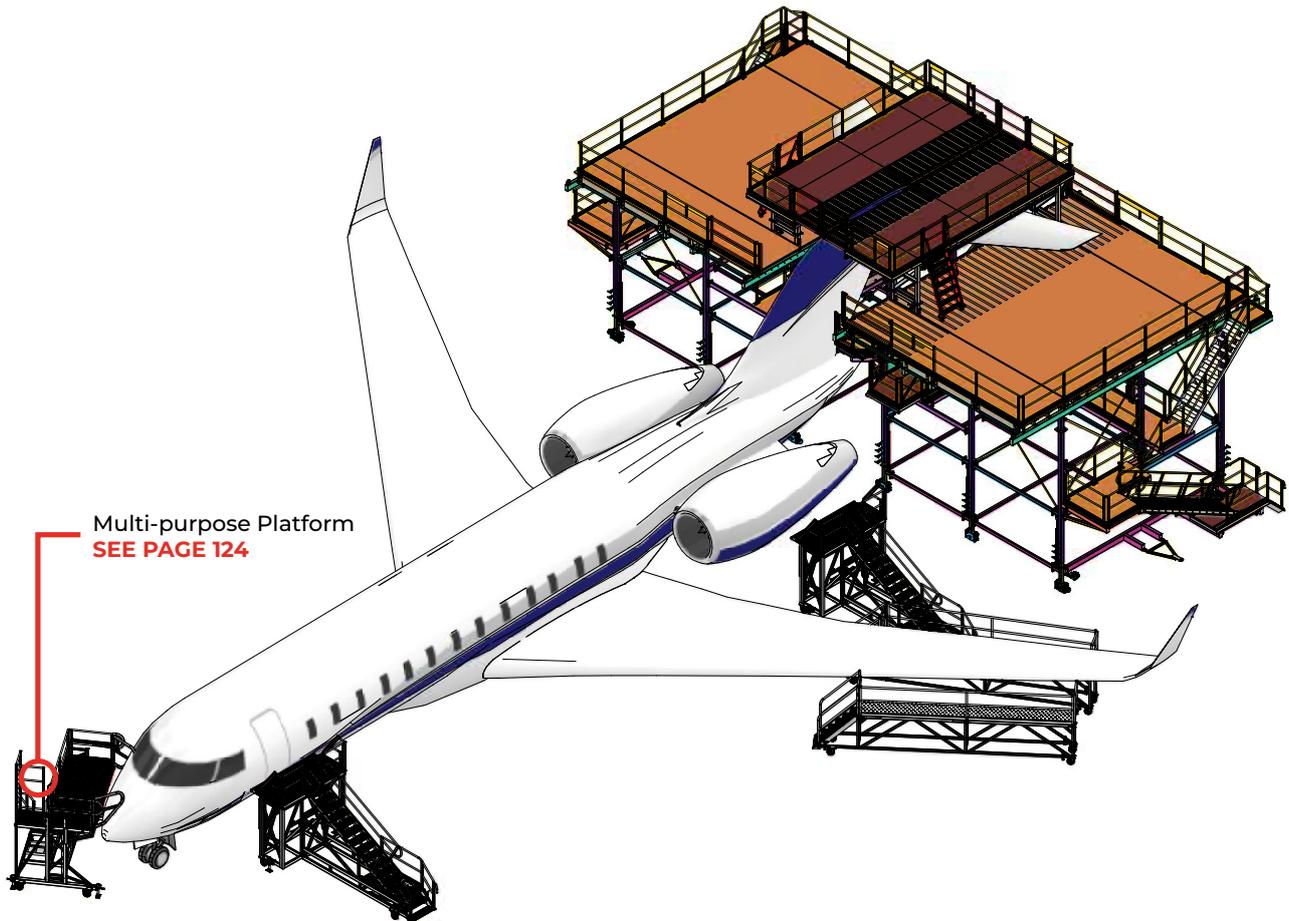




## BOMBARDIER GLOBAL EXPRESS XRS

### **TAIL DOCKING SYSTEM**

- › Height adjustable, triple stage docking for access to all areas of the aircraft's tail.
- › Steel substructure with rolling aluminium top platforms, to close in over the tail.
- › Platform utilises drive wheels to be driven into position, with an aircraft warning system to avoid contact and damage to the aircraft.
- › Electrically driven, hydraulic height adjustment.





## BOMBARDIER GLOBAL EXPRESS XRS

### ***TAIL DOCKING SYSTEM - PROSCAF SERIES***

- › Docking configured from Proscaf system.
- › Provides 2 x fixed height levels for access to vertical tail and underneath horizontal stabilisers.
- › Engine docking stands also available.



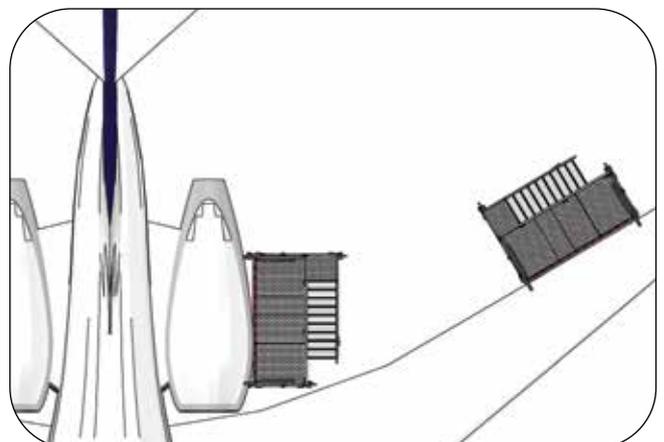
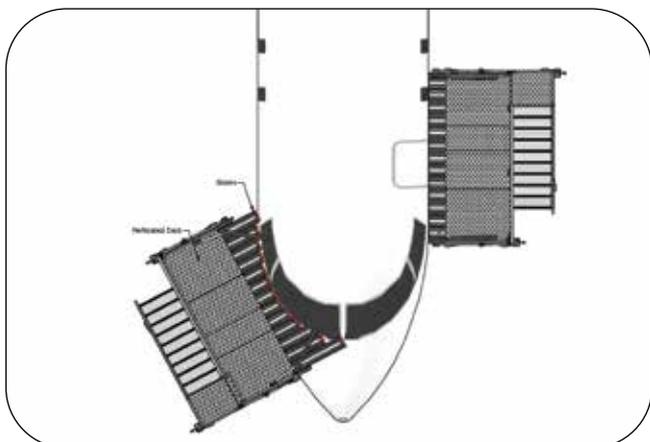


## BOMBARDIER GLOBAL EXPRESS XRS

### WINDSHIELD STAND

- › Demonstrates use of the Multi-Purpose Height Adjustable Stand on the Global Express XRS.
- › One stand, with many uses; perfect for any MRO.

SEE OTHER USES  
FOR THIS STAND  
ON PAGE 74 - 75



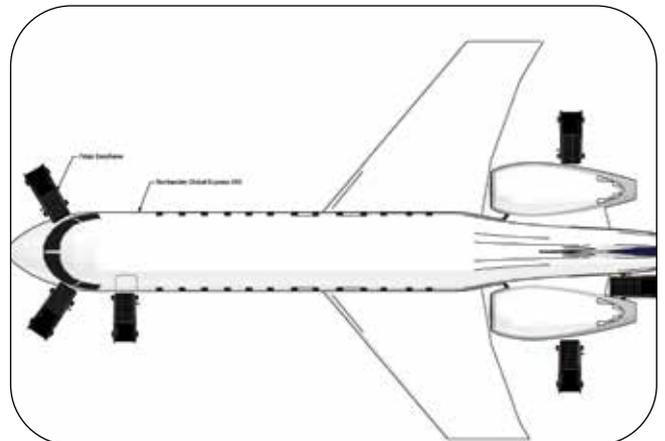
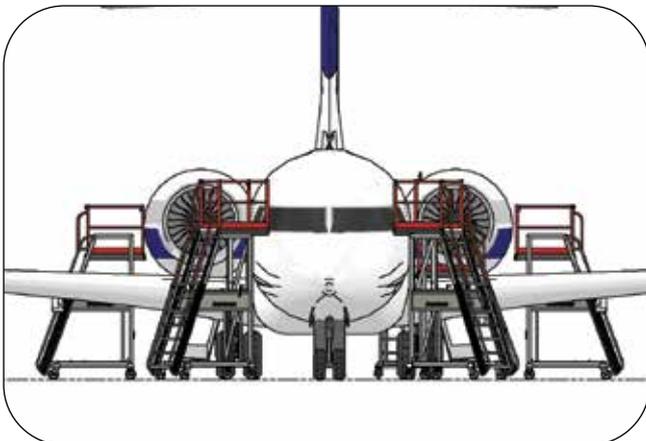
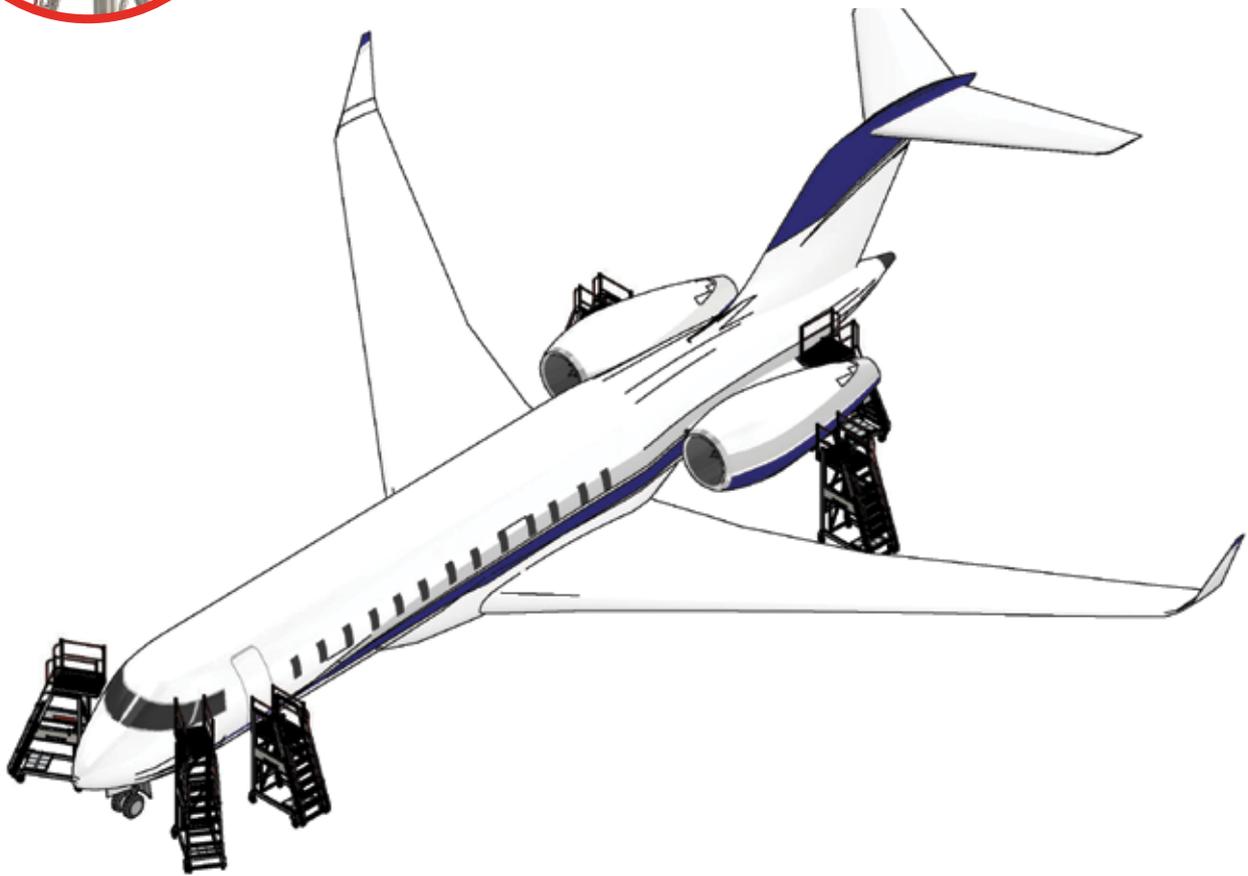


# BOMBARDIER GLOBAL EXPRESS XRS

## EASYRAISE



REFER TO  
EASYRAISE ON  
PAGE 16 - 17





# BOMBARDIER Q300/Q400

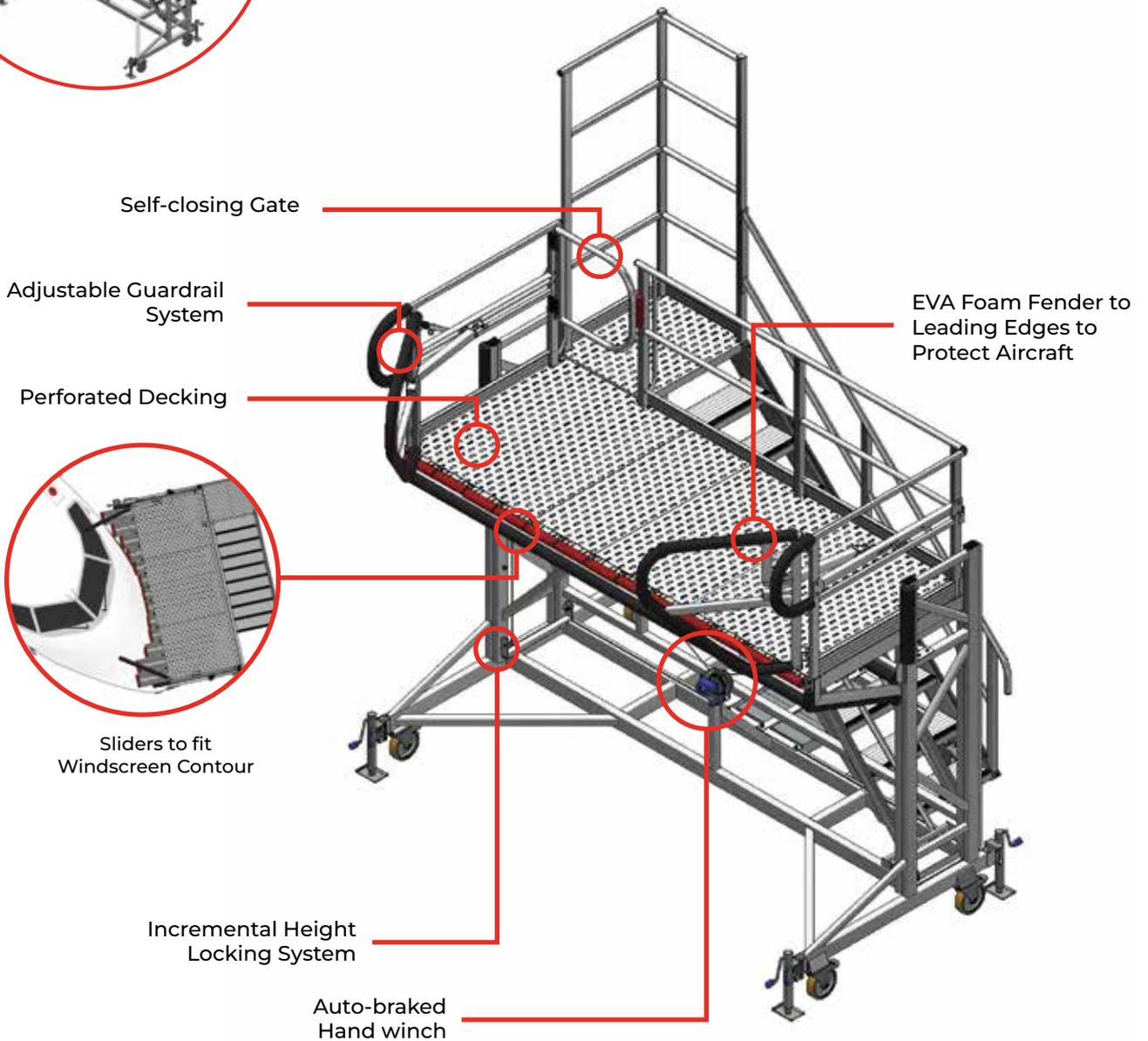
## NOSE ACCESS STAND

- › Adjustable height suiting both jacked/unjacked aircraft.
- › Suitable for other applications including work on leading and trailing edges of the wing.
- › Sliding fingers extend to match precise profiles.



1500mm Height Adjustment

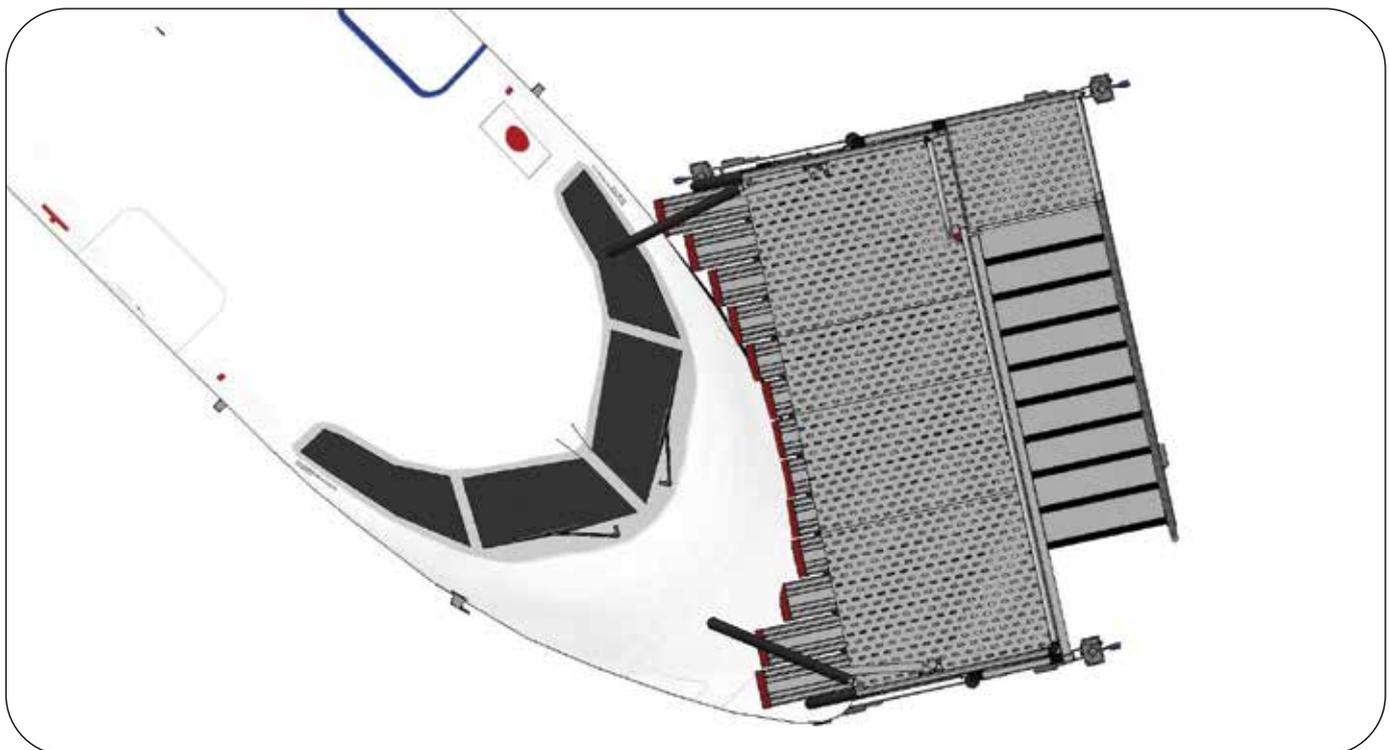
**ALSO SEE**  
**MULTI-USE**  
**MAINTENANCE**  
**STAND**  
**PAGE 98 - 99**  
 FOR EXAMPLES





## BOMBARDIER Q300/Q400

# NOSE ACCESS STAND

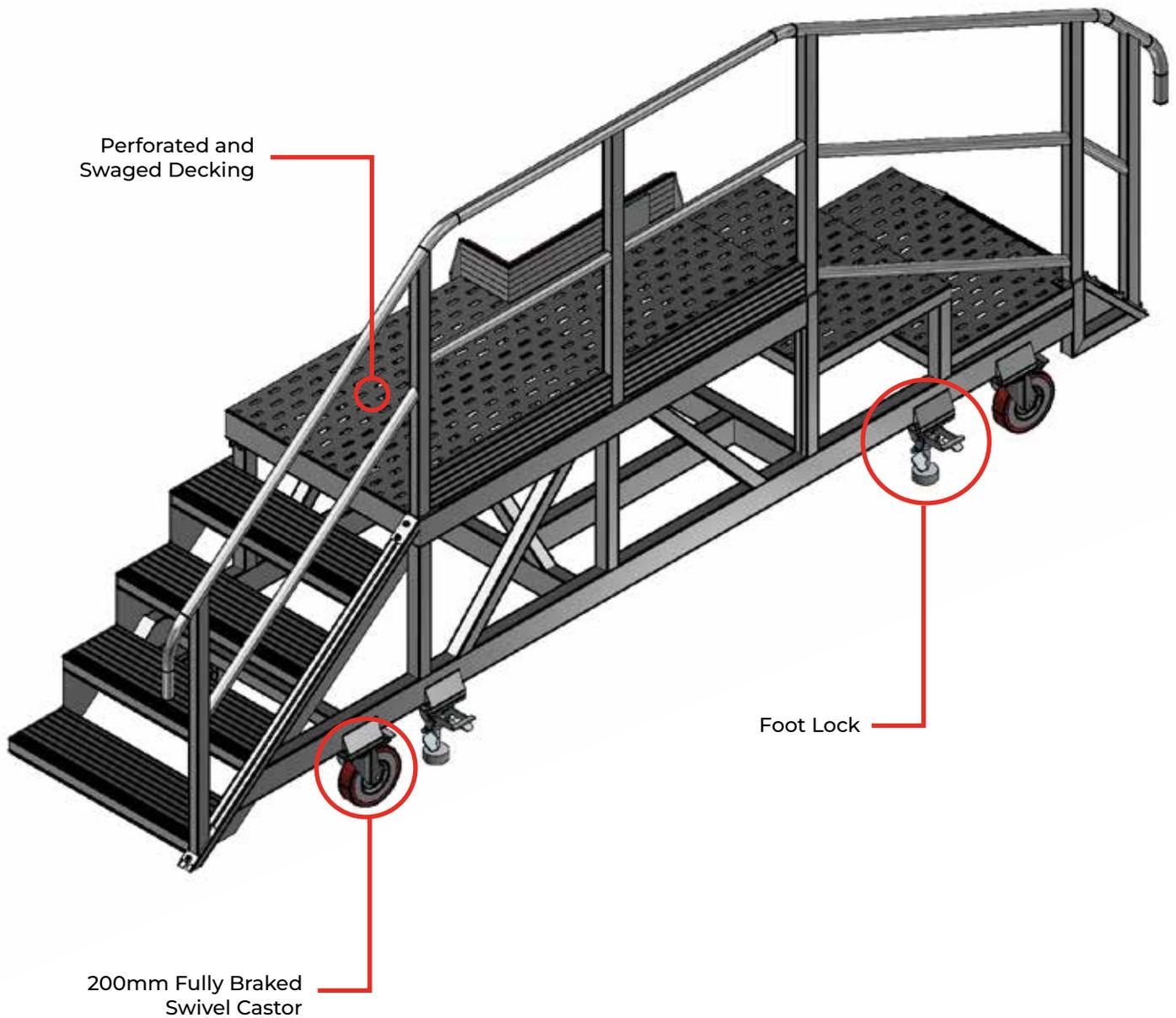




## BOMBARDIER Q400

### MLG SPLIT PLATFORM

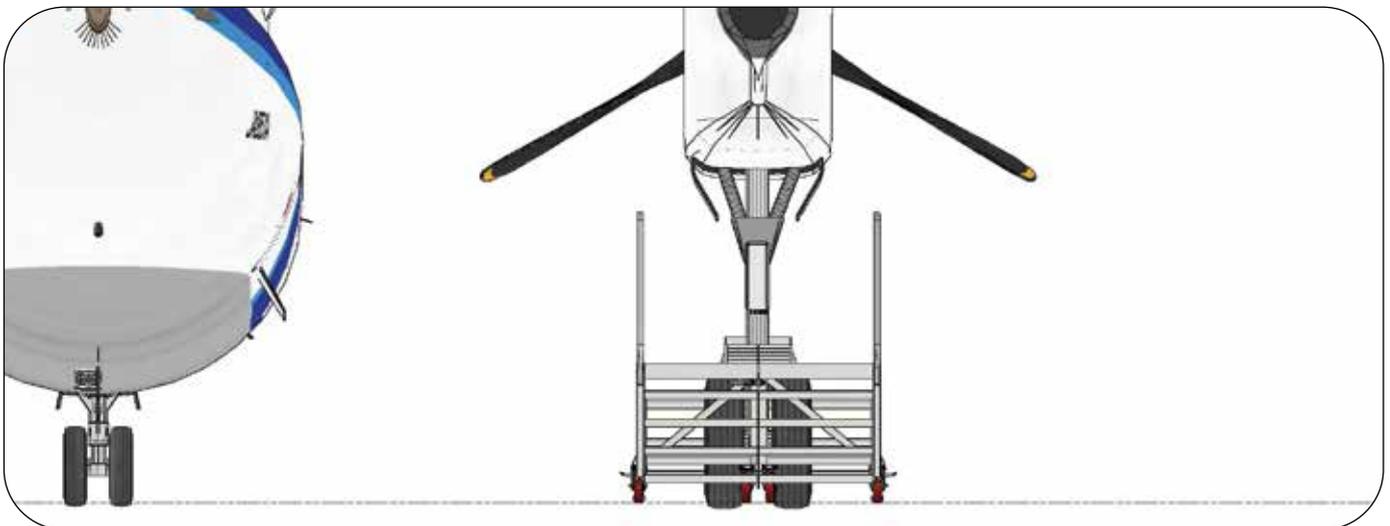
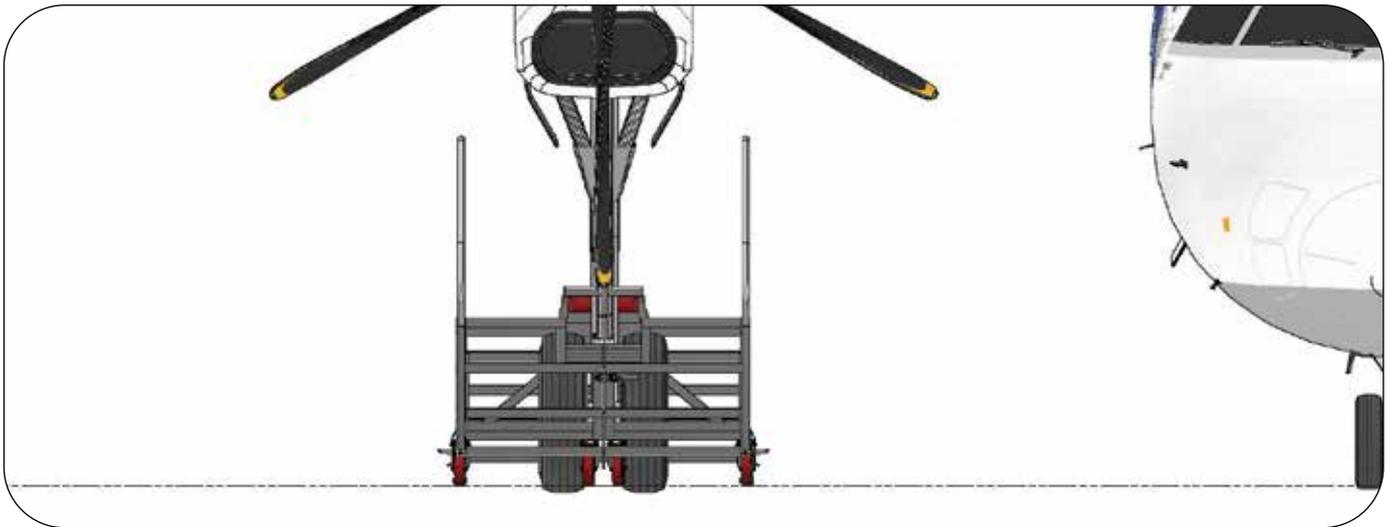
- › 2-piece platform set to provide access to the main landing gear.
- › Accessible from either end via steps.
- › Wide type treads double as a working platform for different levels of access for engineers.





# BOMBARDIER Q400

## MLG SPLIT PLATFORM

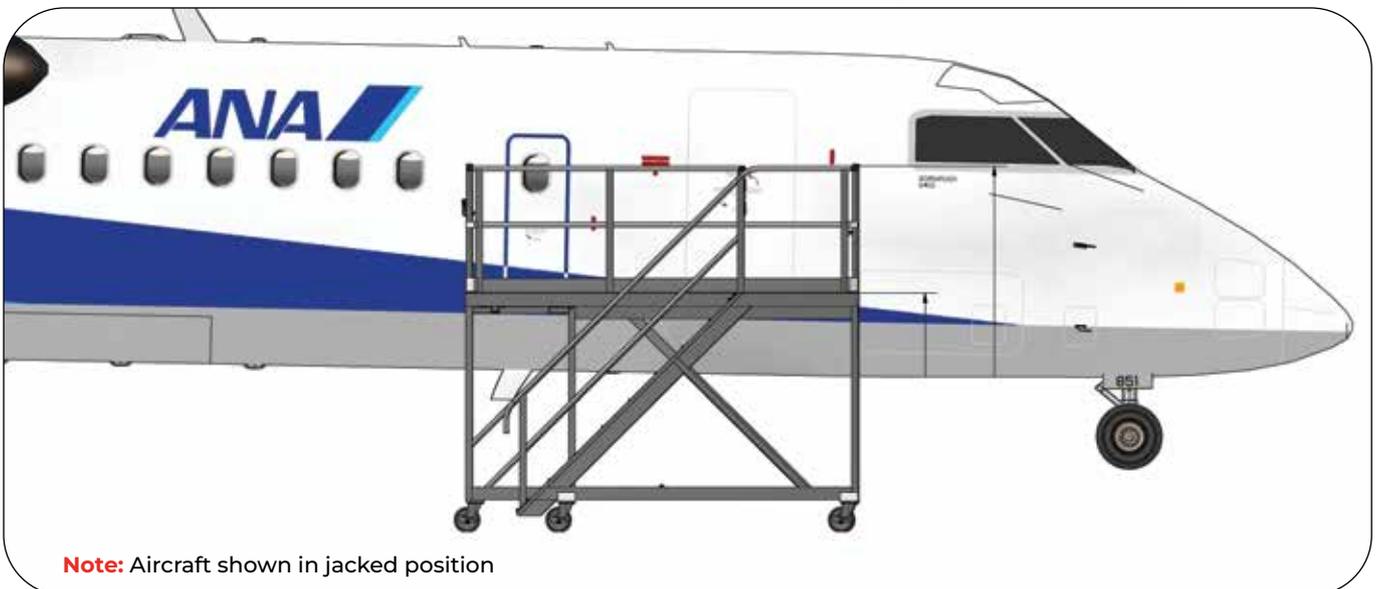
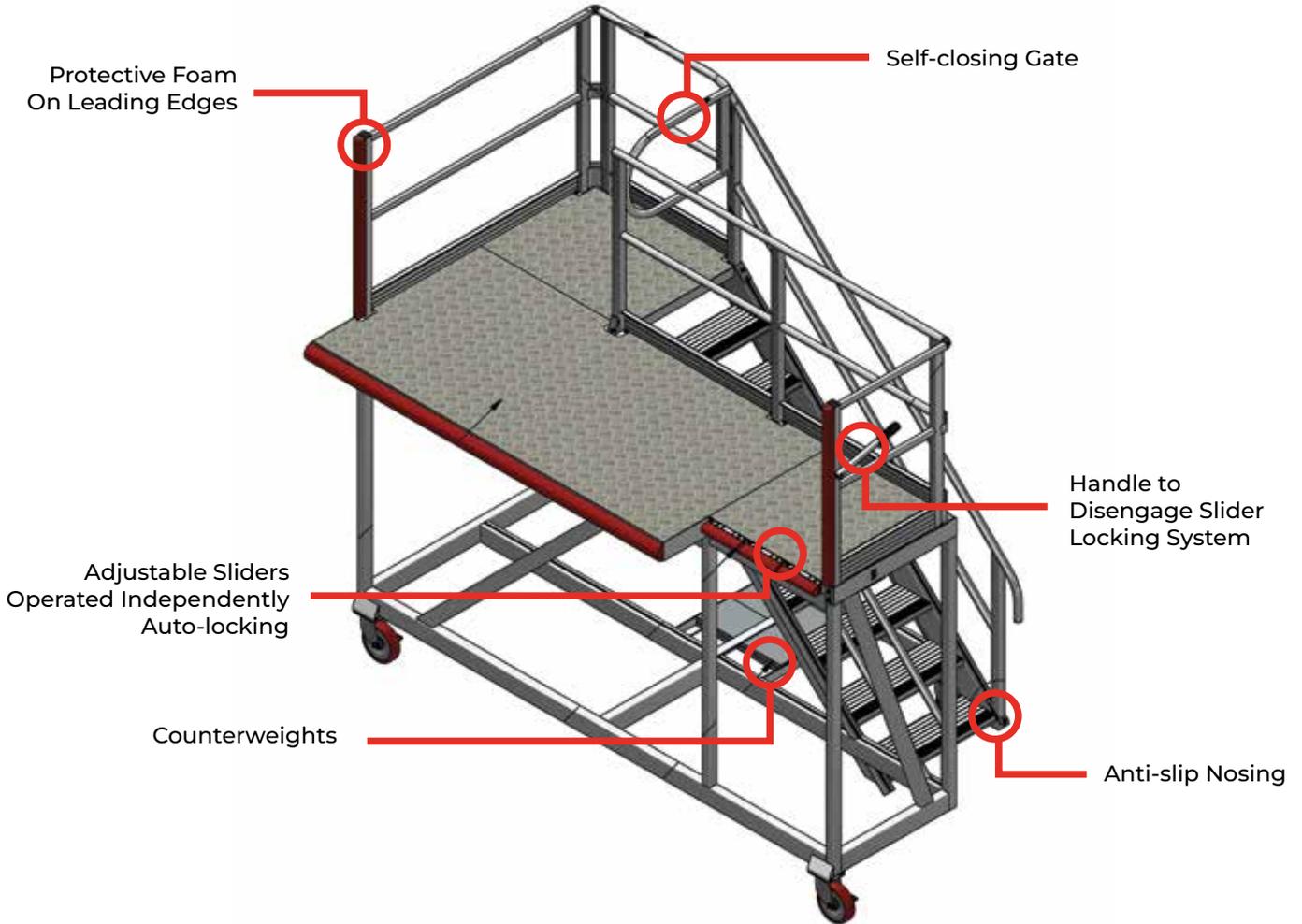




# BOMBARDIER Q400

## FRONT GALLEY DOOR ACCESS PLATFORM

- › Provides access to the forward galley door and emergency door.
- › Sliding fingers slide back to allow lower portion of the emergency exit door to flap down without conflicting with the platform.

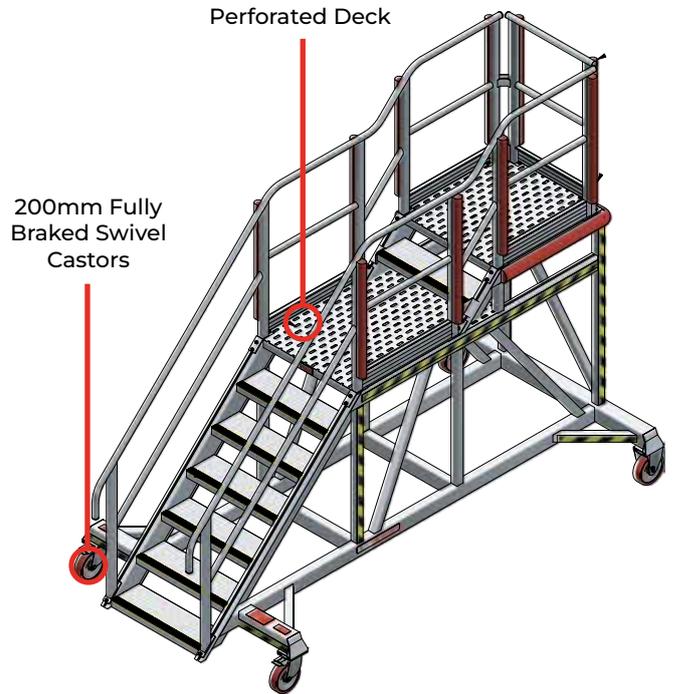




## BOMBARDIER Q400

### ENGINE OIL DRAINAGE PLATFORM

- › Sliding guardrails for use for multiple applications around aircraft.
- › Ideal for engine oil checks, avionics access, under fuselage access and more.



### TRANSFORMER CABLE ACCESS STAND

- › Large, safe and sturdy work platform.
- › Perforated, slip resistant deck area.
- › Includes support for transformer cable.
- › Includes rubber / foam composite buffering to aircraft contact areas.

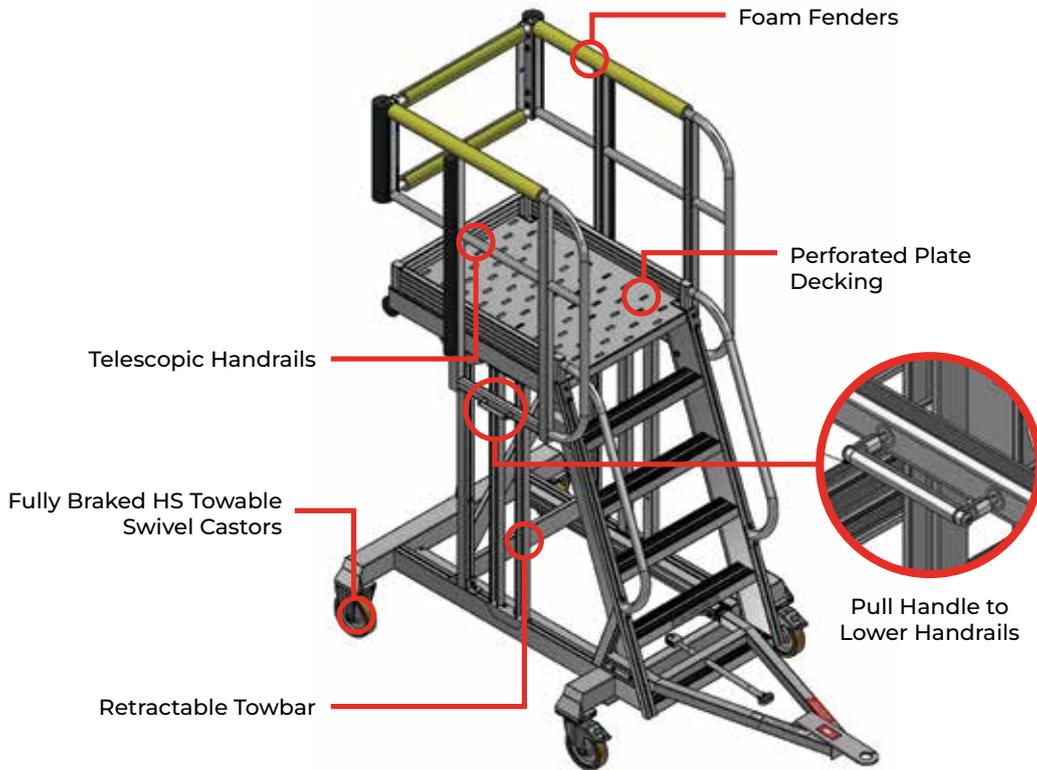




# BOMBARDIER Q400

## OIL CHECK STAND

- › Height adjustable handrails and cantilevered platform type, allows for use on a multitude of maintenance tasks on the aircraft.



### HANDRAILS AT HALF-HEIGHT



### HANDRAILS LOWERED

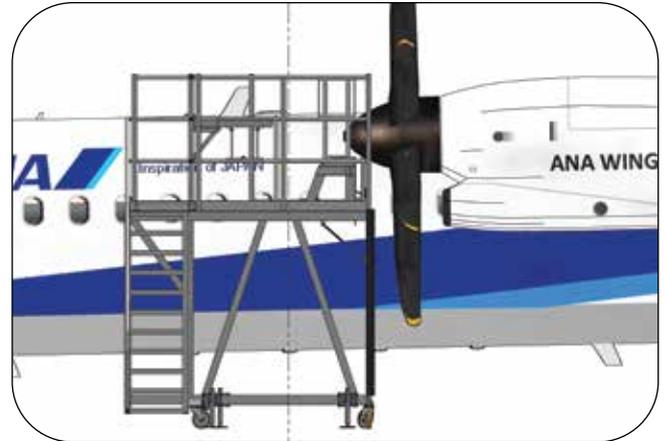




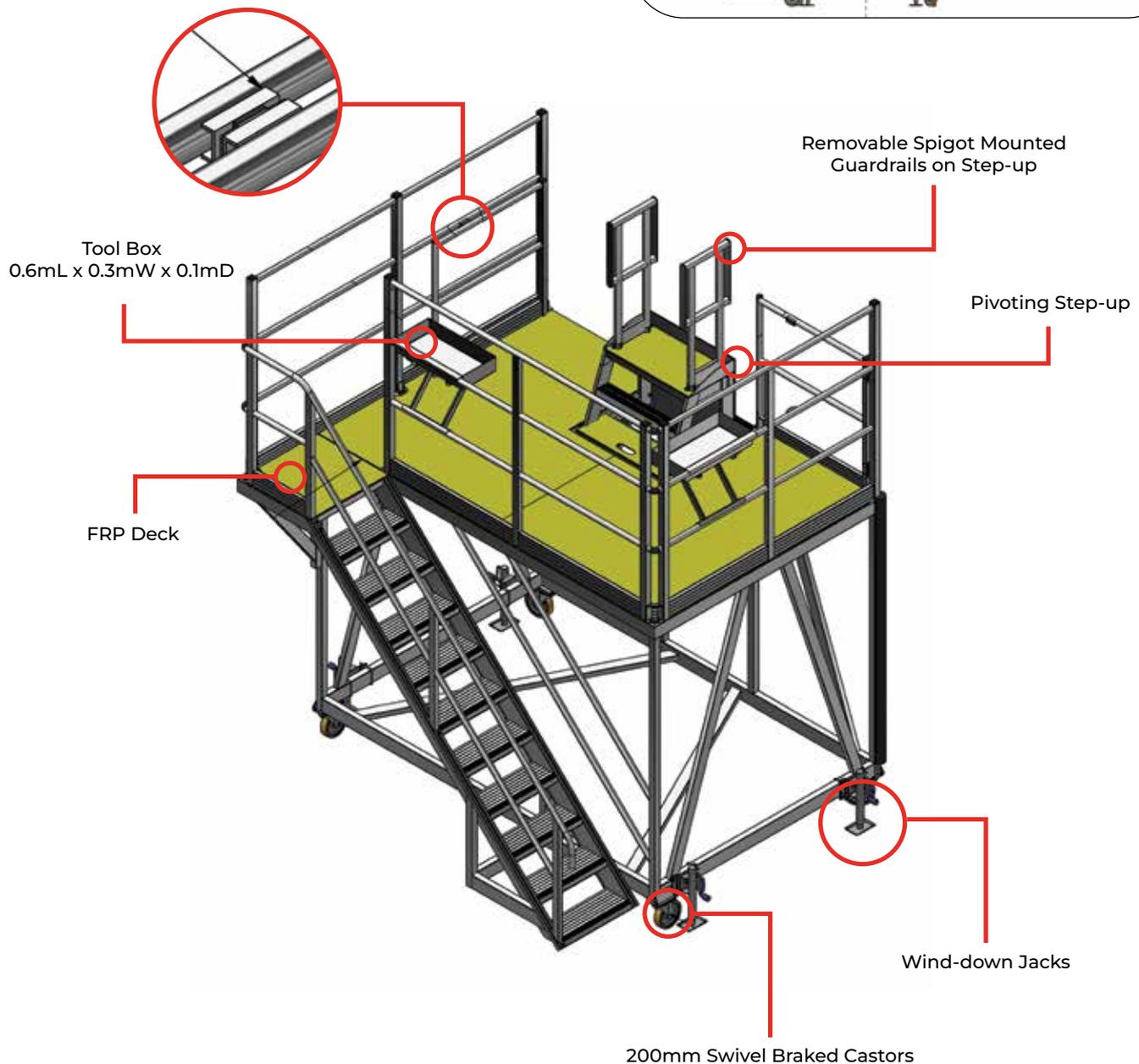
## BOMBARDIER Q400

### PROPELLER ACCESS PLATFORM

- › Used to access the propeller, spinner, and forward engine areas of the Q400.
- › Pop-up step for access to the full required range of heights.
- › Step also doubles as a stool.
- › Wind rated for 75 km/h.



Gate Held Open with Magnets

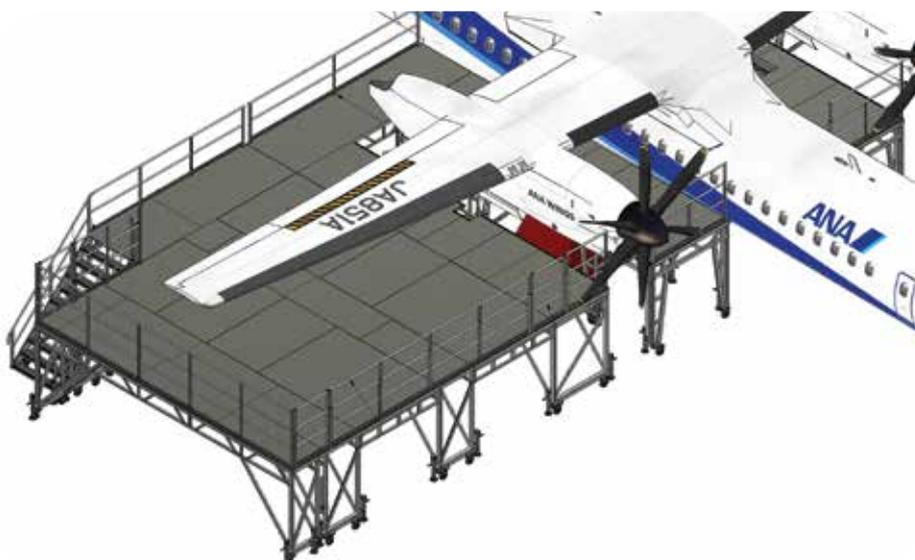
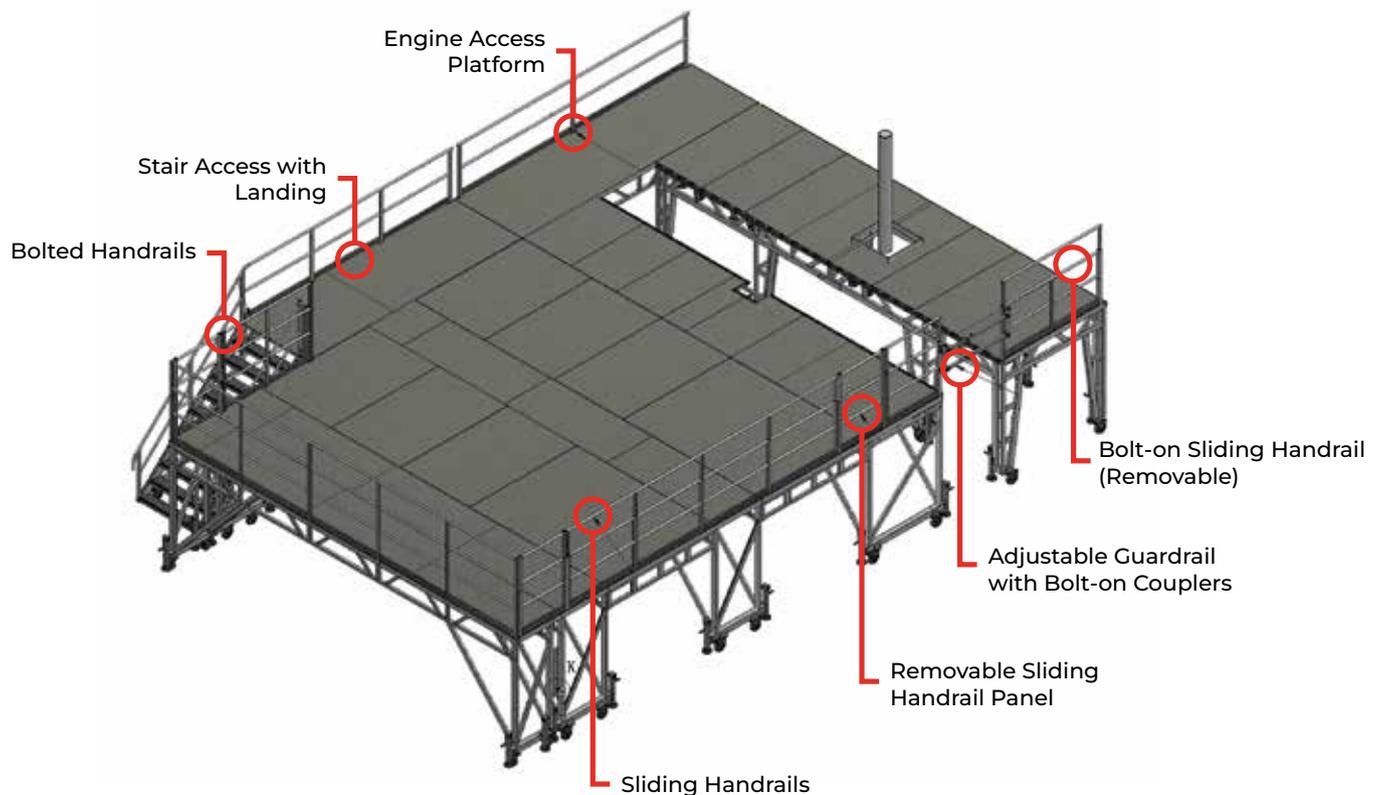




## BOMBARDIER Q300/Q400

**UNDERWING DOCK - LARGE VERSION**

- › Provides access to the complete wing area and engine for deeper level maintenance operations.
- › Telescopic guardrails up to 1.5mH allow the use of smaller access steps on top of the platform.
- › Completely open underframe, allows for the storage of components and also workstations underneath the dock.
- › Sliding fingers along the inside edges to the engine close any gaps, and allow for different stages and operations to be completed on the engines without opening a fall risk.

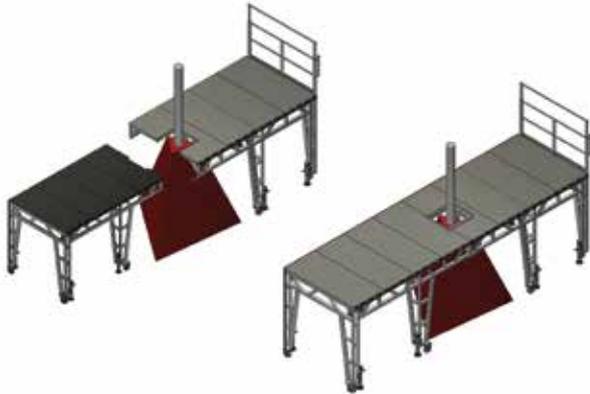




## BOMBARDIER Q300/Q400

# UNDERWING DOCK - LARGE VERSION COMPONENTS

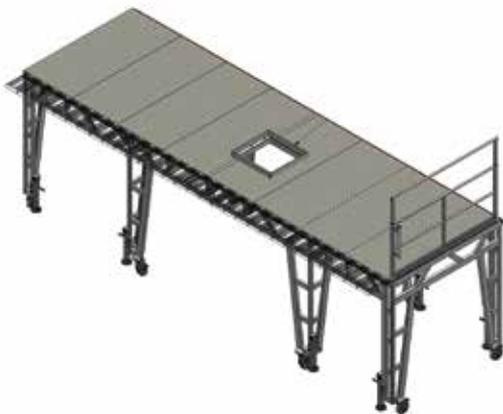
**INBOARD PLATFORM IS MOVED INTO POSITION IN 2 PIECES AROUND THE AIRCRAFT JACK**



**INDEPENDENT STAIR ACCESS PLATFORM**



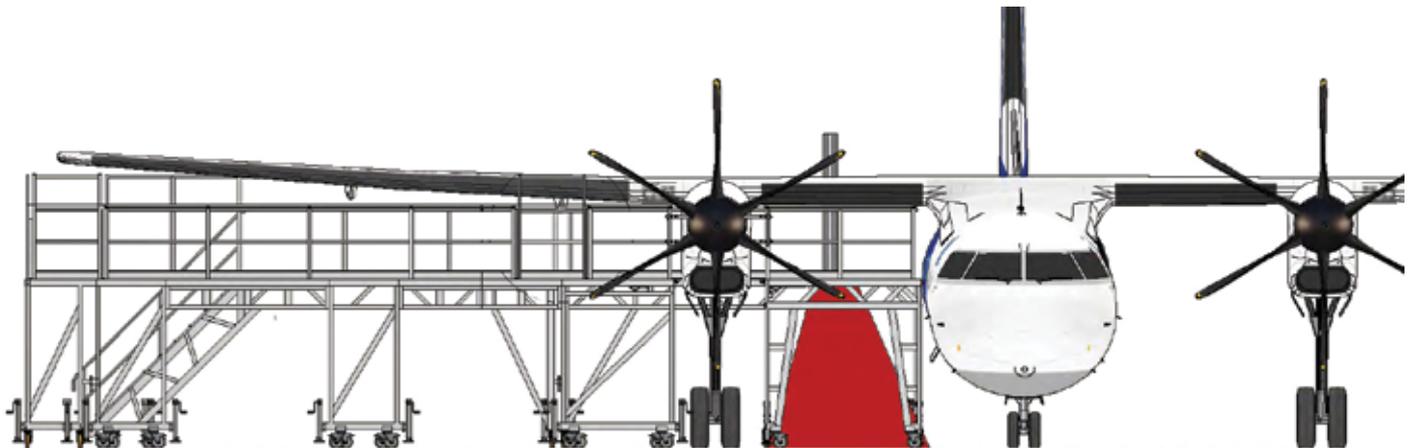
**INBOARD PLATFORM - COMPLETE ASSEMBLY**



**INDEPENDENT ADJOINING BRIDGE PLATFORM**



## APPLICATION

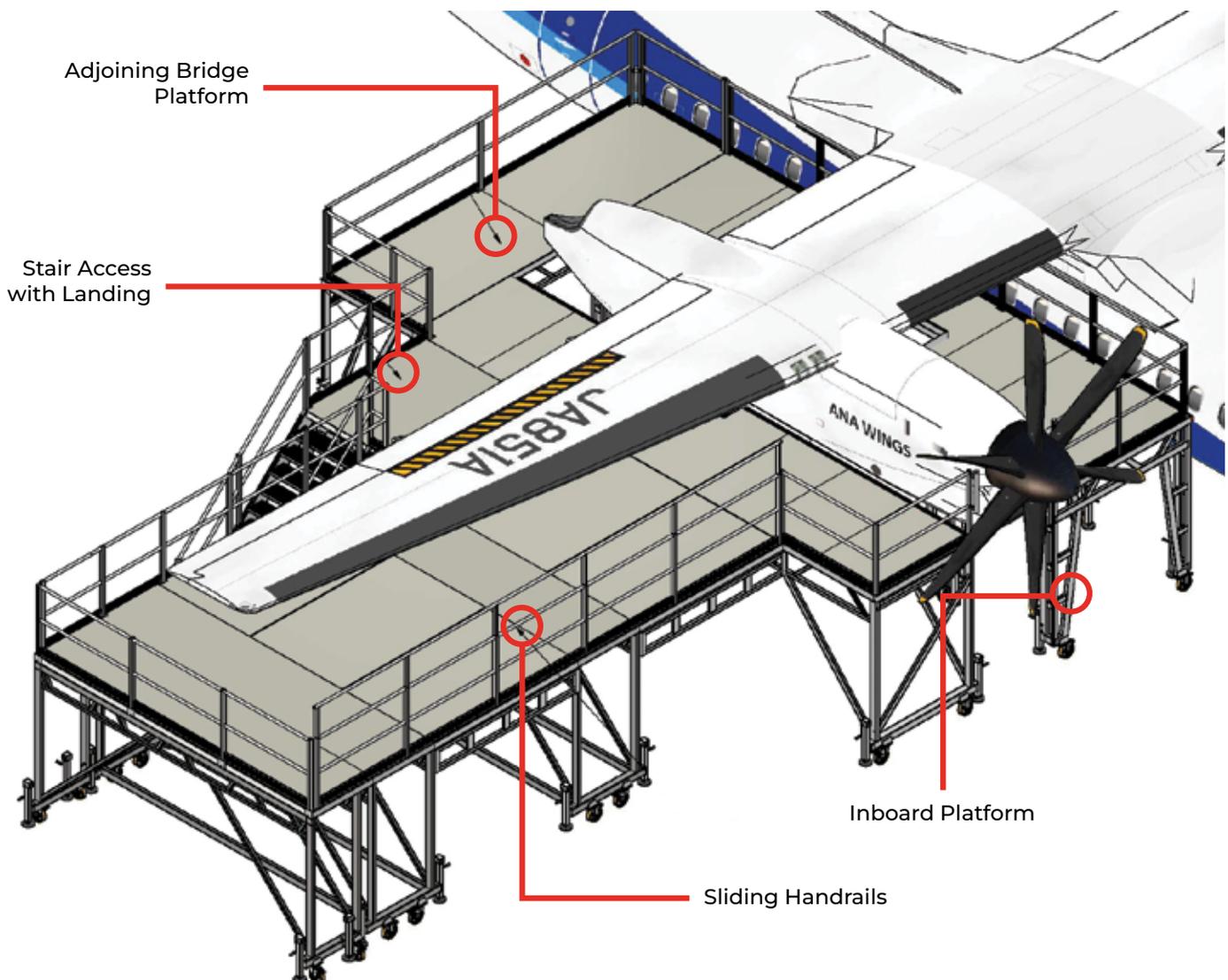




## BOMBARDIER Q300/Q400

**UNDERWING DOCK - MEDIUM VERSION**

- › Configurable modules to allow flexibility in accessing sections of the wing.
- › Removable guardrails allows users to close off individual platform sections as required.
- › Angled or stepped deck heights available, to allow for height variations of wings.
- › Gated sections for movement of goods and materials onto work platform.

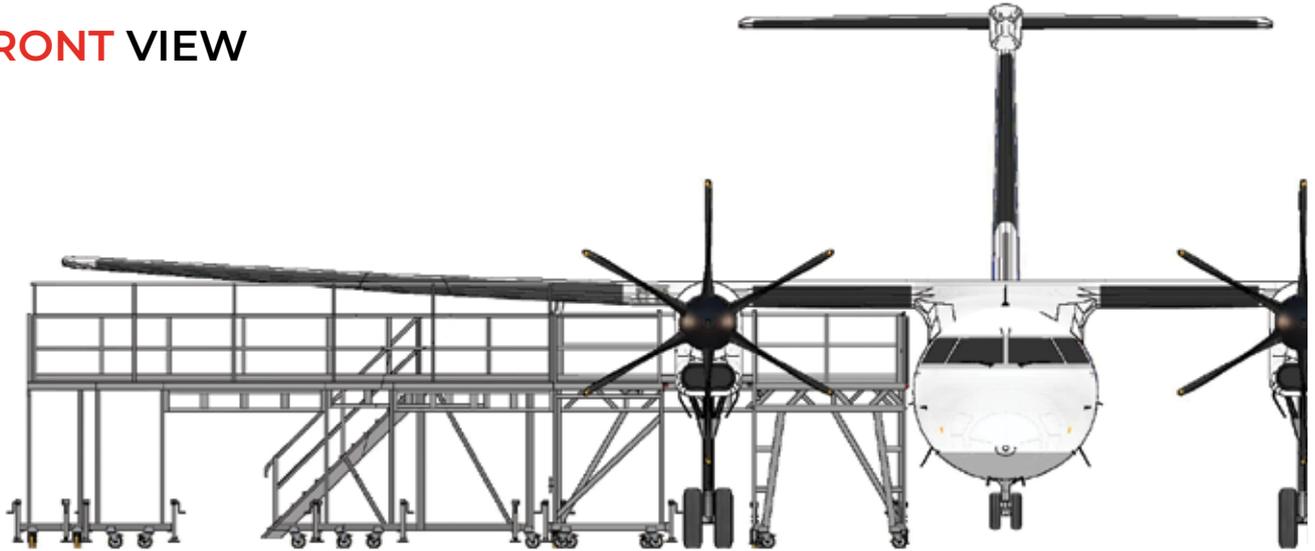




## BOMBARDIER Q300/Q400

# UNDERWING DOCK - MEDIUM VERSION

### FRONT VIEW



### TOP VIEW

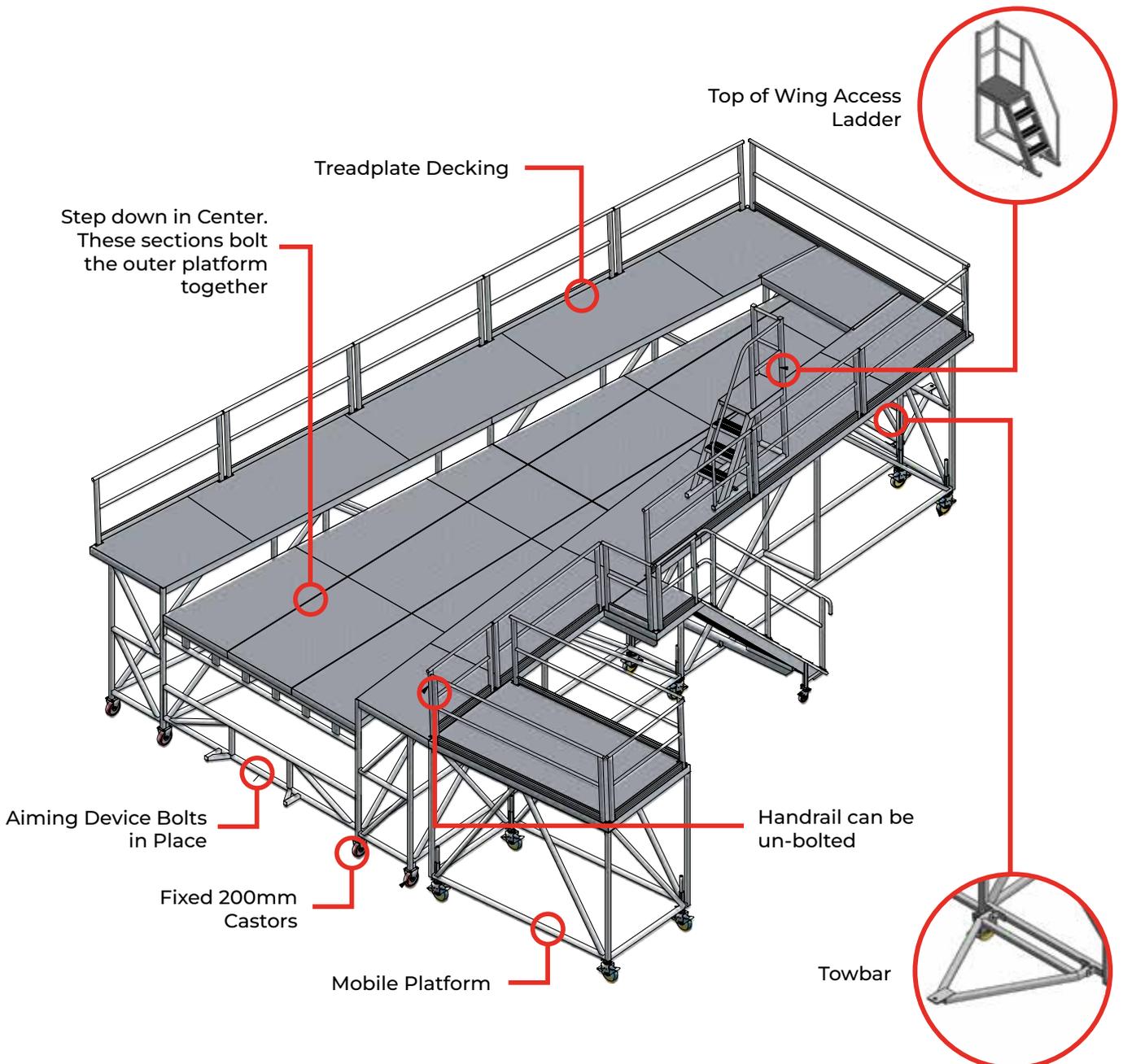




# BOMBARDIER Q400

## ANGLED WING DOCK

- › Configurable modules to allow flexibility in accessing sections of the wing.
- › Removable guardrails allows users to close off individual platform sections as required.
- › Angled or stepped deck heights available, to allow for height variations of wings.
- › Gated sections for movement of goods and materials onto work platform.

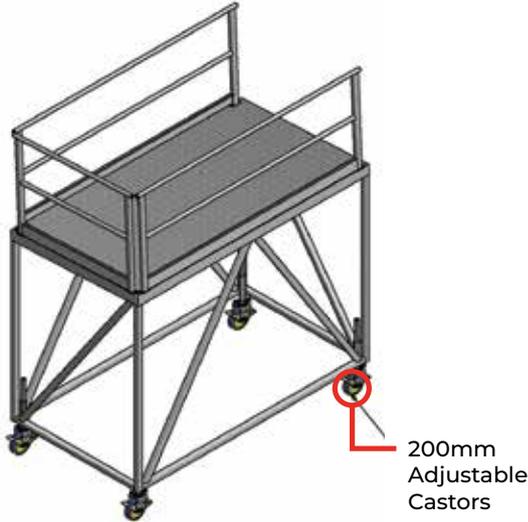




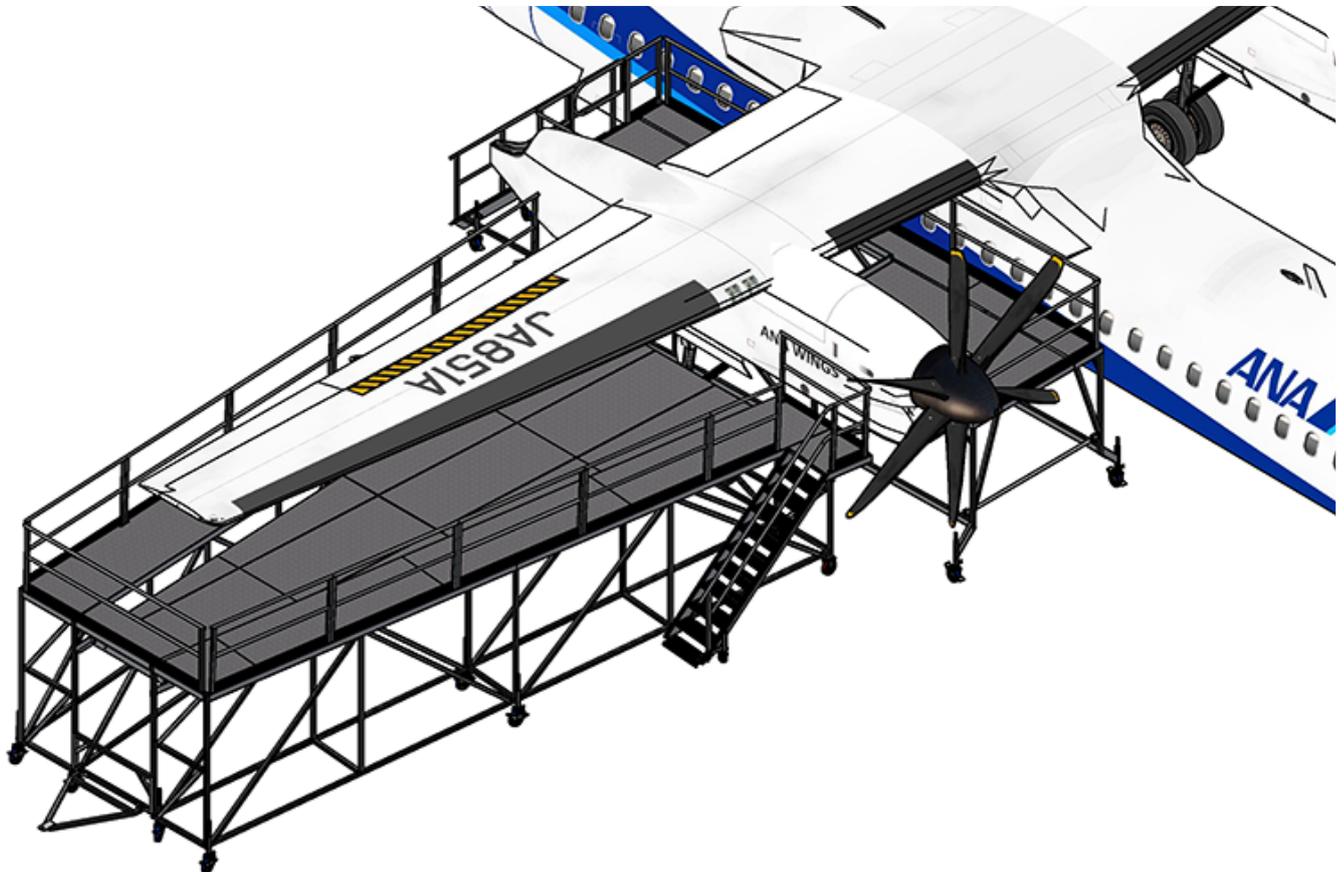
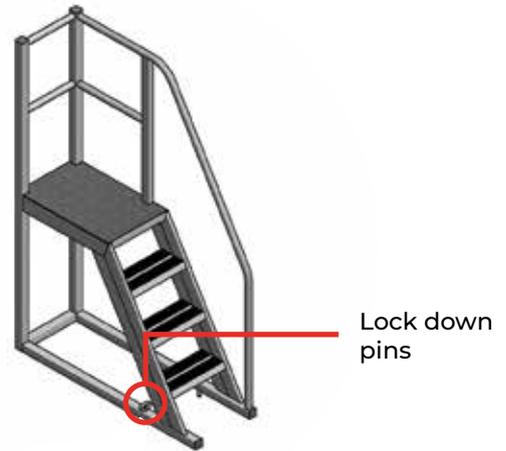
## BOMBARDIER Q400

# ANGLED WING DOCK - COMPONENTS

### OUTER DOCK - MOBILE PLATFORM



### WING ACCESS LADDER - MOBILE PLATFORM



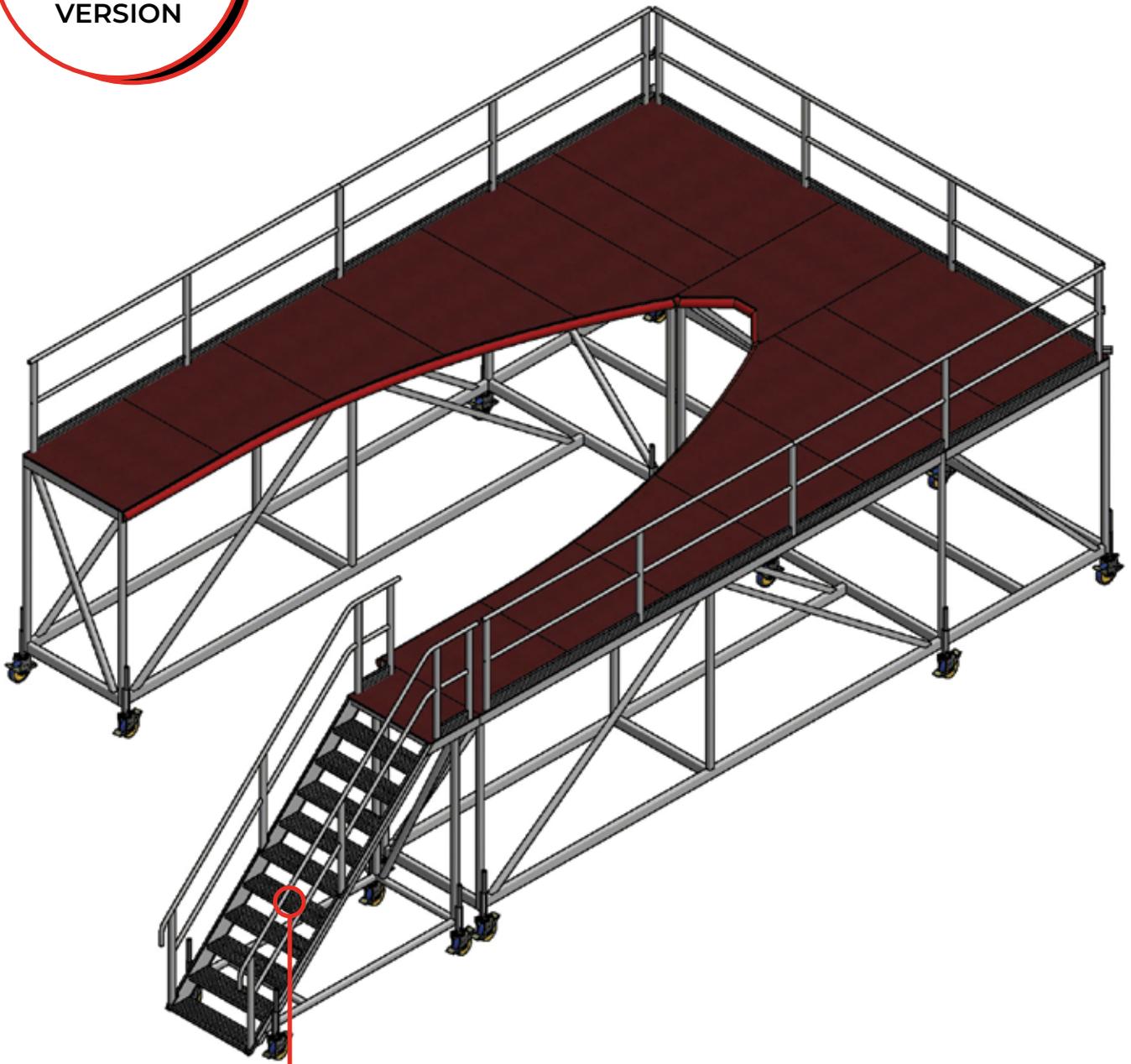


## EMBRAER E190

**WRAP-AROUND NOSE DOCK**

- › Wrap-around access to the windshield and entry doors of the E190.
- › Profiled platform for snug fitment.
- › Height adjustable option available, for aircraft on or off jacks.

ALSO SEE  
**PAGE 58** FOR  
HEIGHT  
ADJUSTABLE  
VERSION



45° Stair Access



## EMBRAER E190

# WRAP-AROUND NOSE DOCK

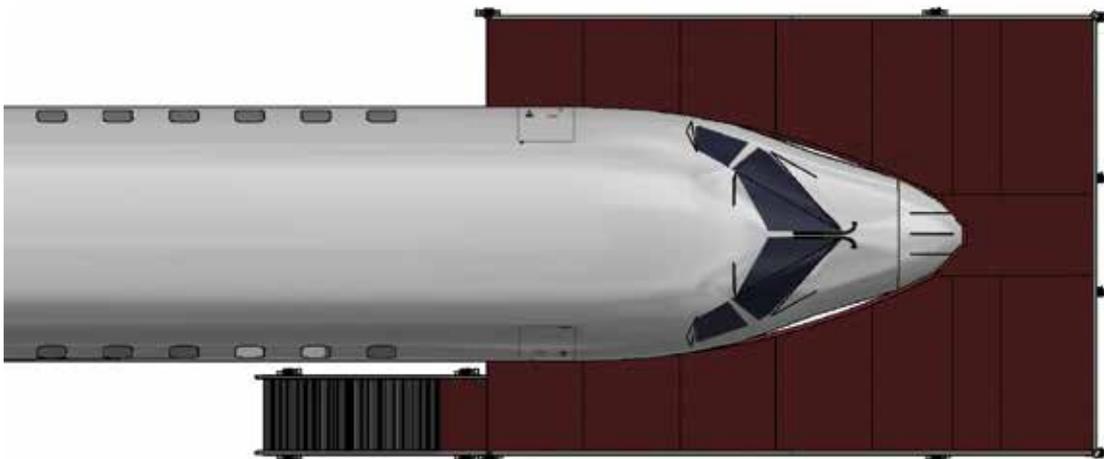
### SIDE VIEW



### FRONT VIEW



### TOP VIEW



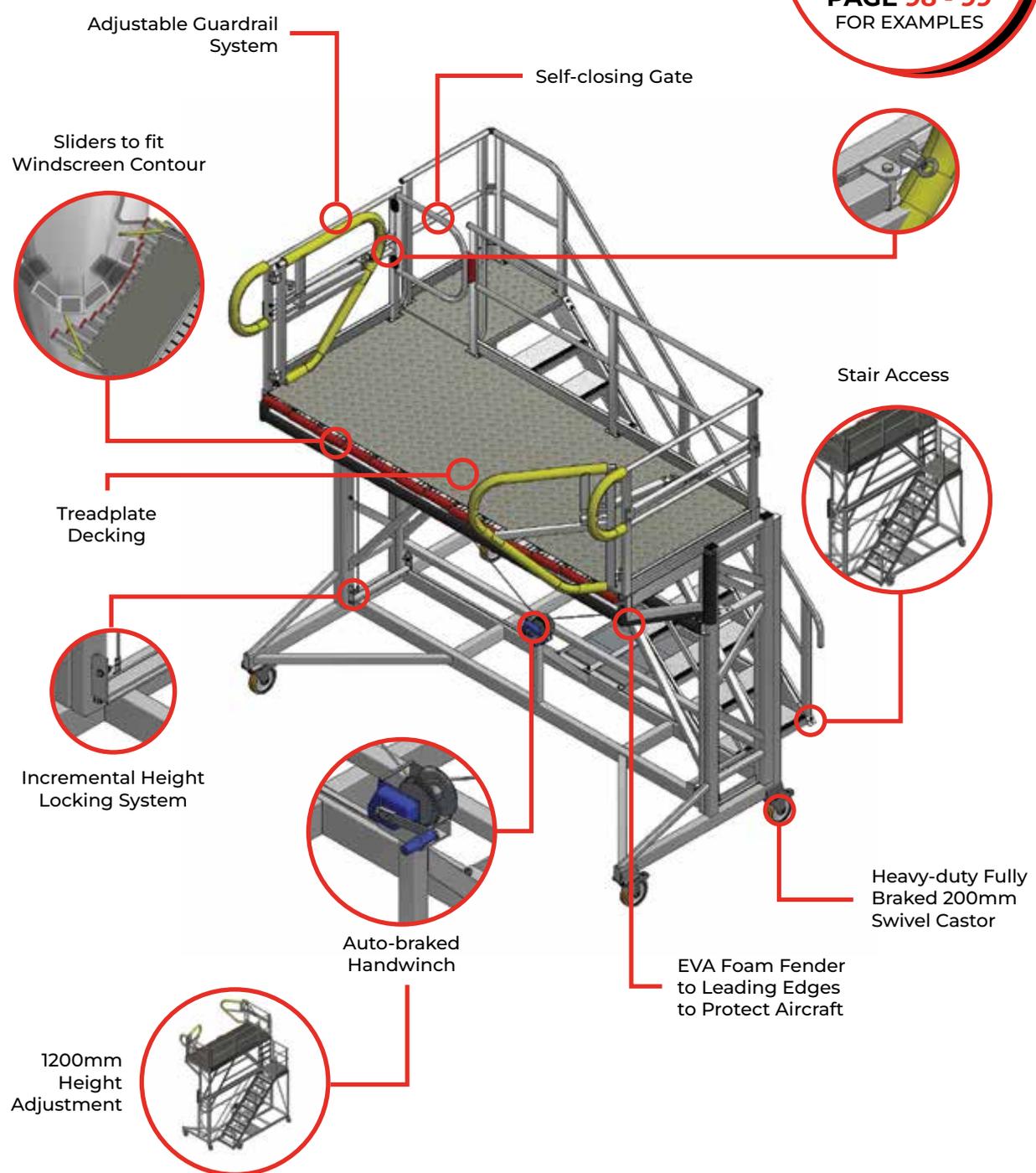


# EMBRAER ERJ175

## NOSE STAND

- › Adjustable height suiting both jacked/unjacked aircraft.
- › Suitable for other applications, including work on leading and trailing edges of the wing.
- › Sliding fingers extend to match precise profiles.

**ALSO SEE-**  
**MULTI-USE**  
**MAINTENANCE**  
**STAND**  
**PAGE 98 - 99**  
**FOR EXAMPLES**





## EMBRAER ERJ175

### **NOSE STAND**

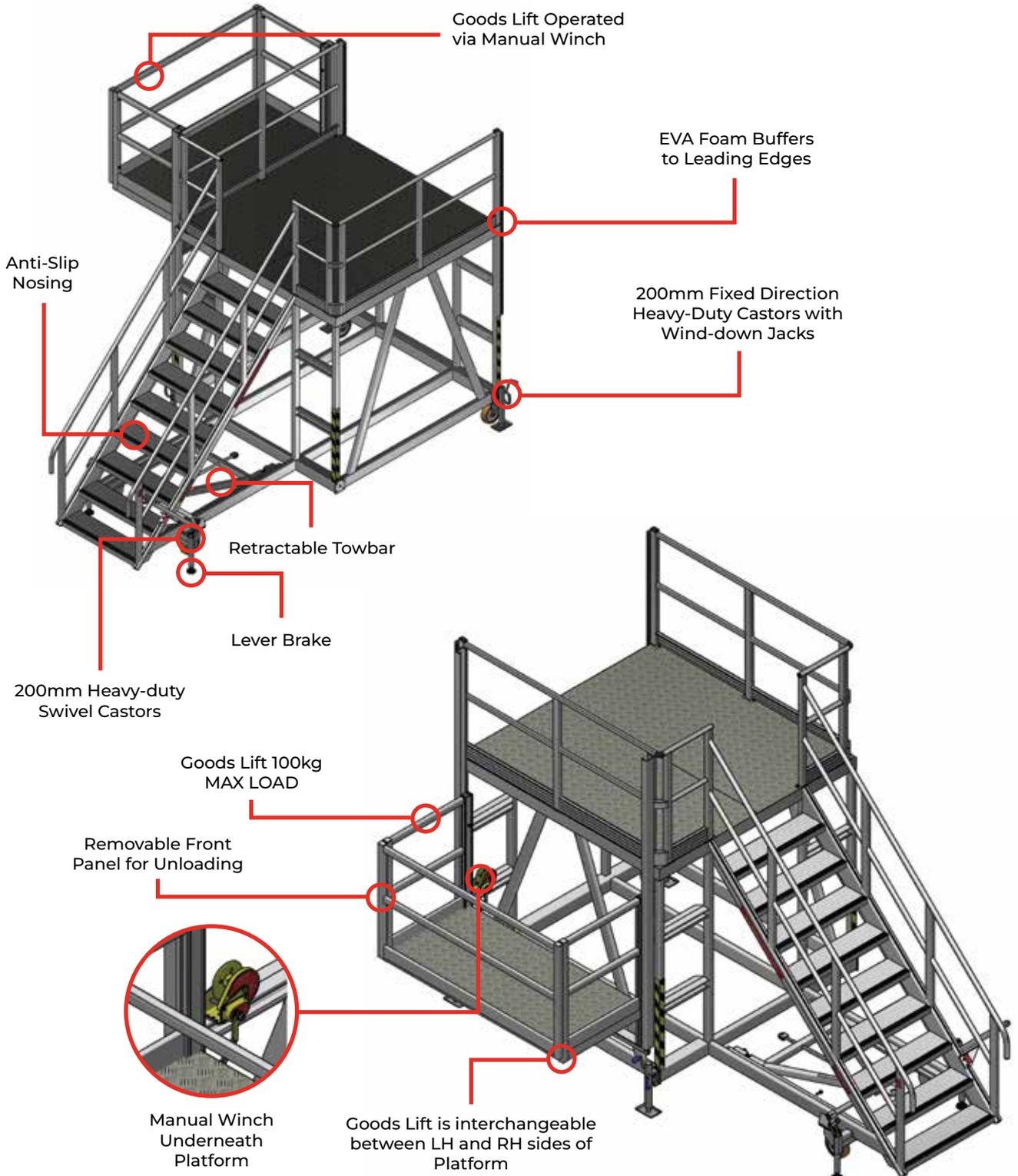




## FOKKER 70/100

### MAIN ENTRY DOOR STAND

- › Provides access for base maintenance operations including, goods lift for removal of galleys and chair modules safely.
- › Removable guardrail frames, allow passage of aircraft components in/out of the main entry door.





## LOCKHEED MARTIN F-35

### ***FULL SURROUND DOCKING SYSTEM***

- › Adjustable height docking to cater for aircraft in different positions.
- › Modular system to enable different sections to be used independently with access to each.



**ALSO SEE  
ULTRARISE ON  
PAGE 20 - 21**

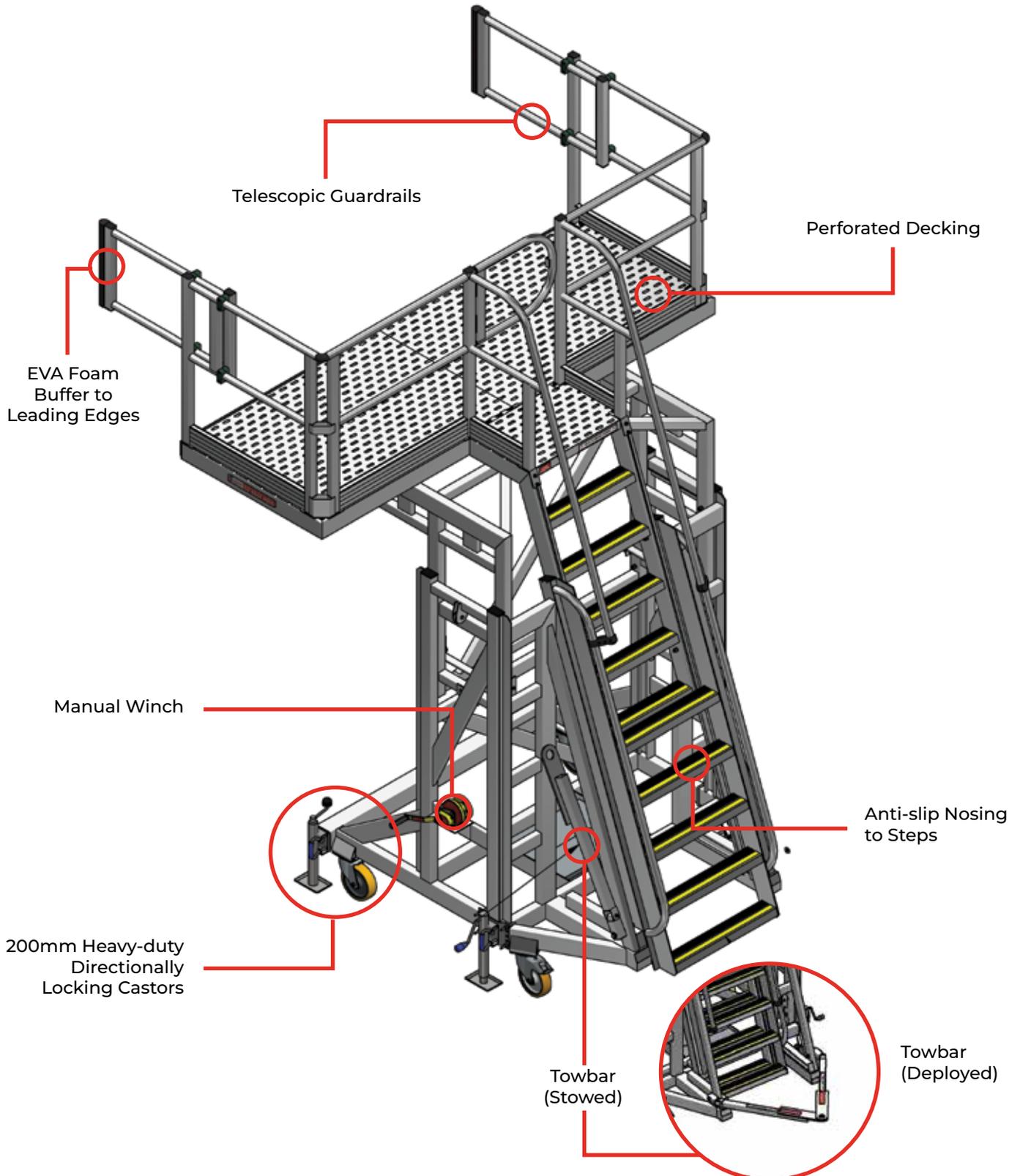




## LOCKHEED MARTIN F-35

# 70° MULTI-PURPOSE CANTILEVERED STAND

- › Adjustable height to suit varied applications.
- › Telescopic ladder access provides consistent angle of access for the user.
- › Telescopic guardrails close any gaps to the aircraft removing fall risks.





## LOCKHEED MARTIN F-35

### **70° MULTI-PURPOSE CANTILEVERED STAND**

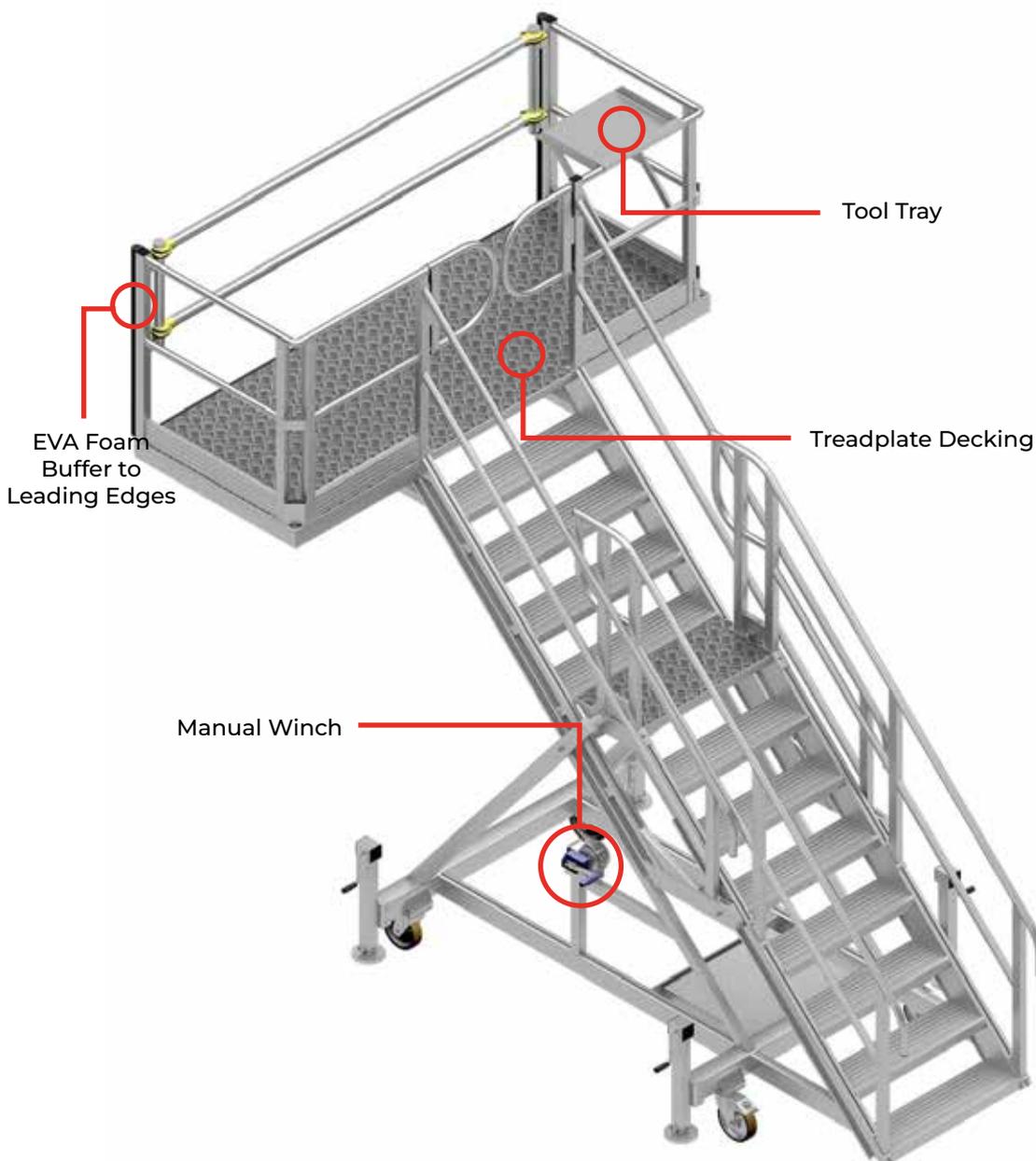




## LOCKHEED F-35

## 45° MULTI-PURPOSE CANTILEVERED STAND

- › Ideal for safe and efficient general purpose aircraft access including the F-35 Lightning II.
- › Cantilevered design reduced the overall footprint of the stand while increasing strength and rigidity,
- › Work deck is cantilevered out to both sides and at the rear, providing ample room for movement during MRO tasks.
- › 45° angled stairs provide a comfortable and secure point of egress to carry materials and tools.
- › Full surround guardrails and batwing gates on the top of the platform, protects personnel from falls while undertaking tasks.





## LOCKHEED F-35

# 45° MULTI-PURPOSE CANTILEVERED STAND



ALSO SEE  
REACHDECK ON  
PAGE 24 - 25



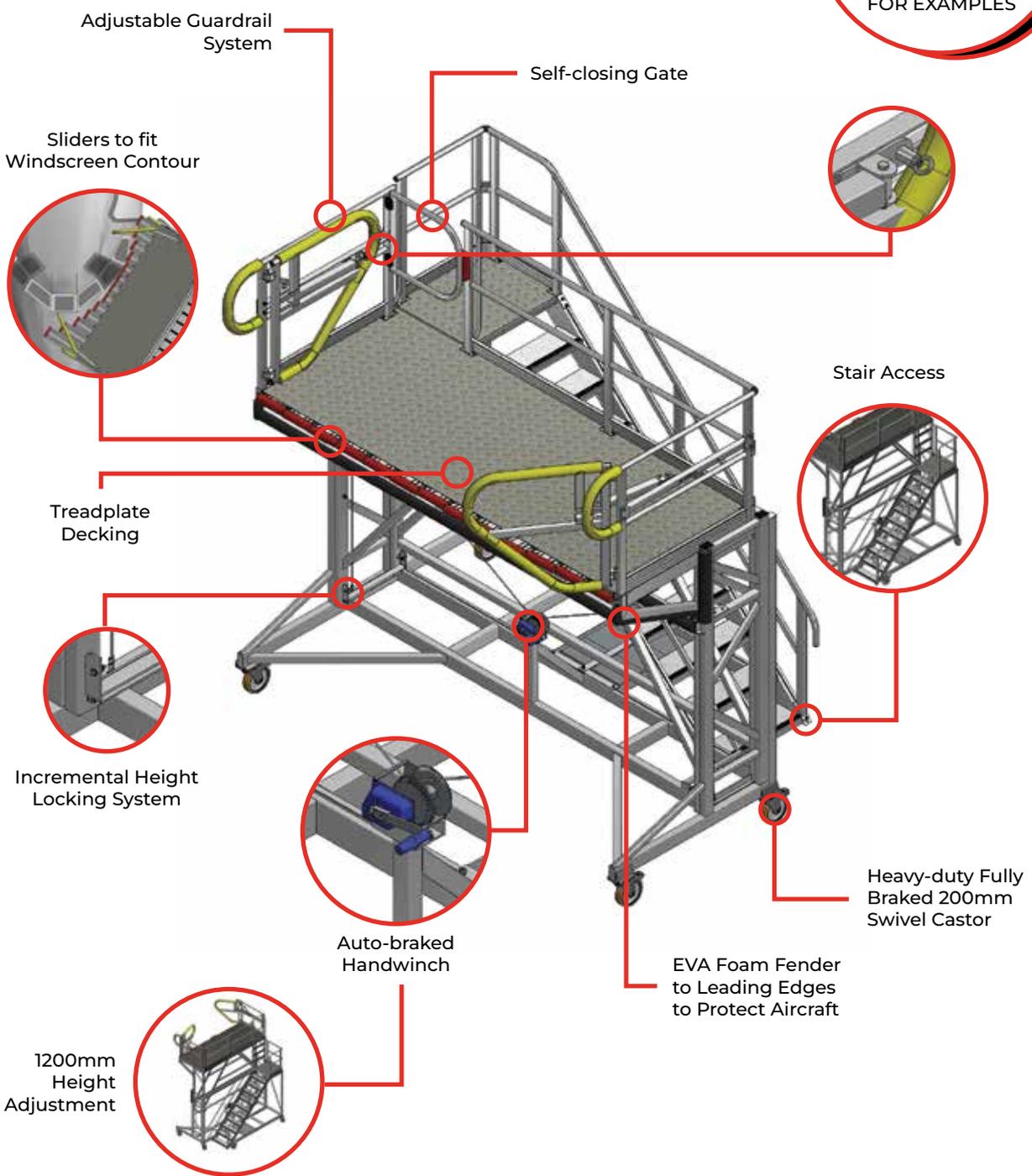


# MCDONNELL DOUGLAS MD-90

## MULTI-PURPOSE CANTILEVERED STAND

- › Another example of the multi-use platform being utilised for many access tasks on different aircrafts.
- › Provides access for up to 3 - 4 personnel to complete both line inspection and heavy maintenance tasks on the aircraft.

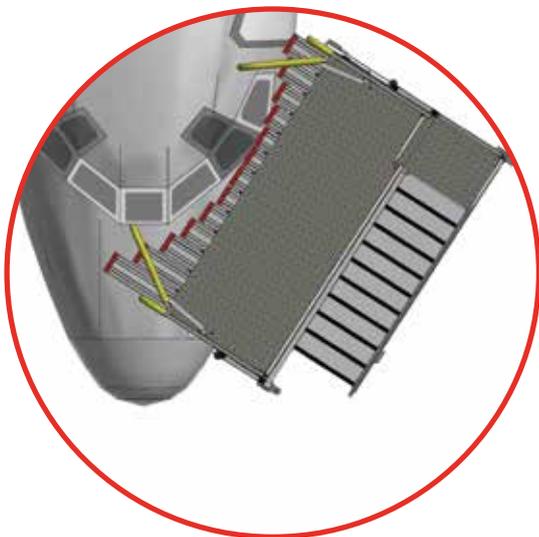
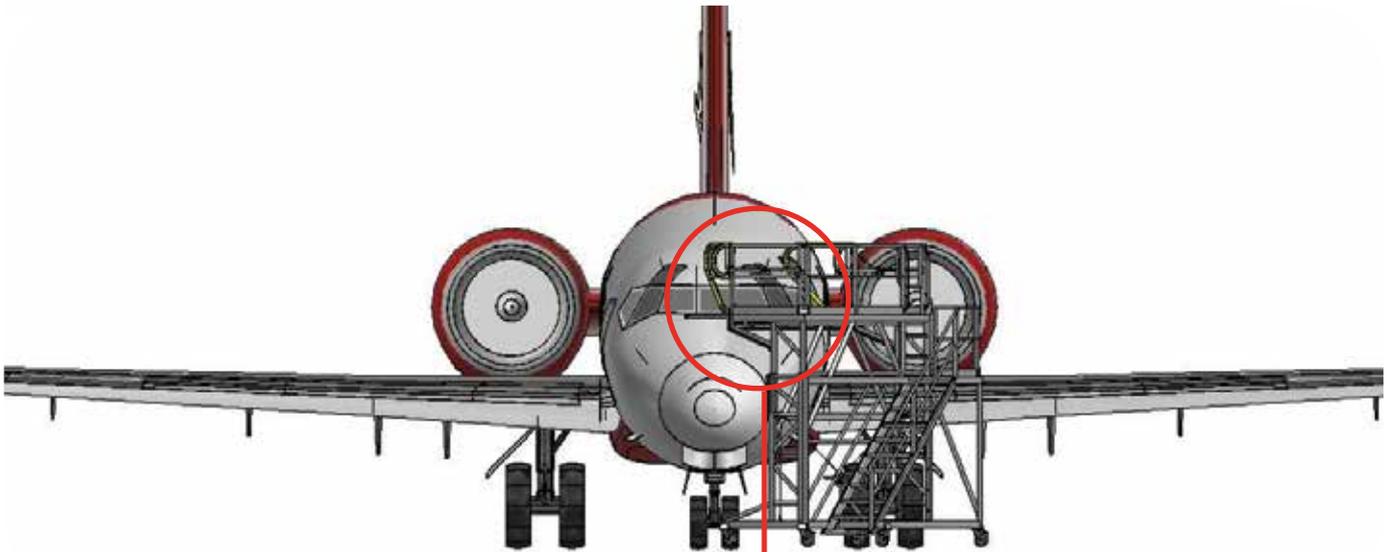
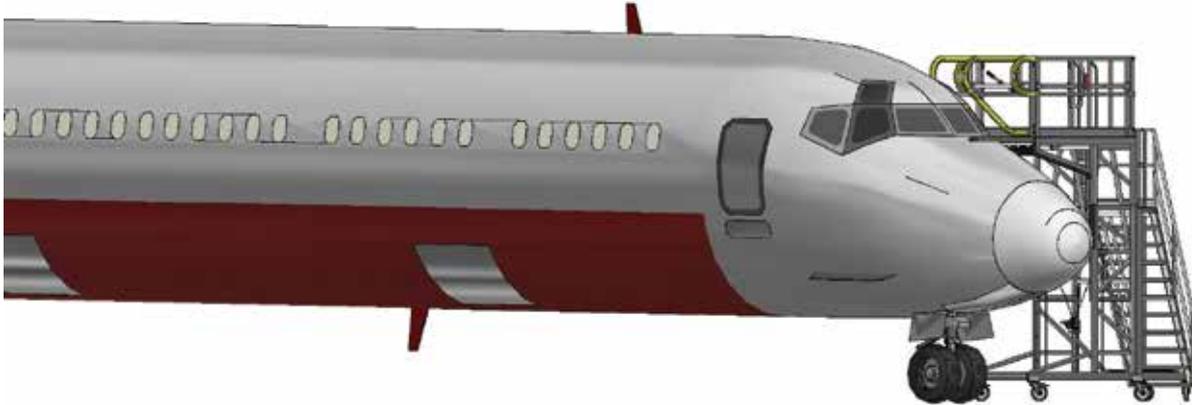
**ALSO SEE**  
**MULTI-USE**  
**MAINTENANCE**  
**STAND**  
**PAGE 98 - 99**  
**FOR EXAMPLES**





# MCDONNELL DOUGLAS MD-90

## MULTI-PURPOSE CANTILEVERED STAND

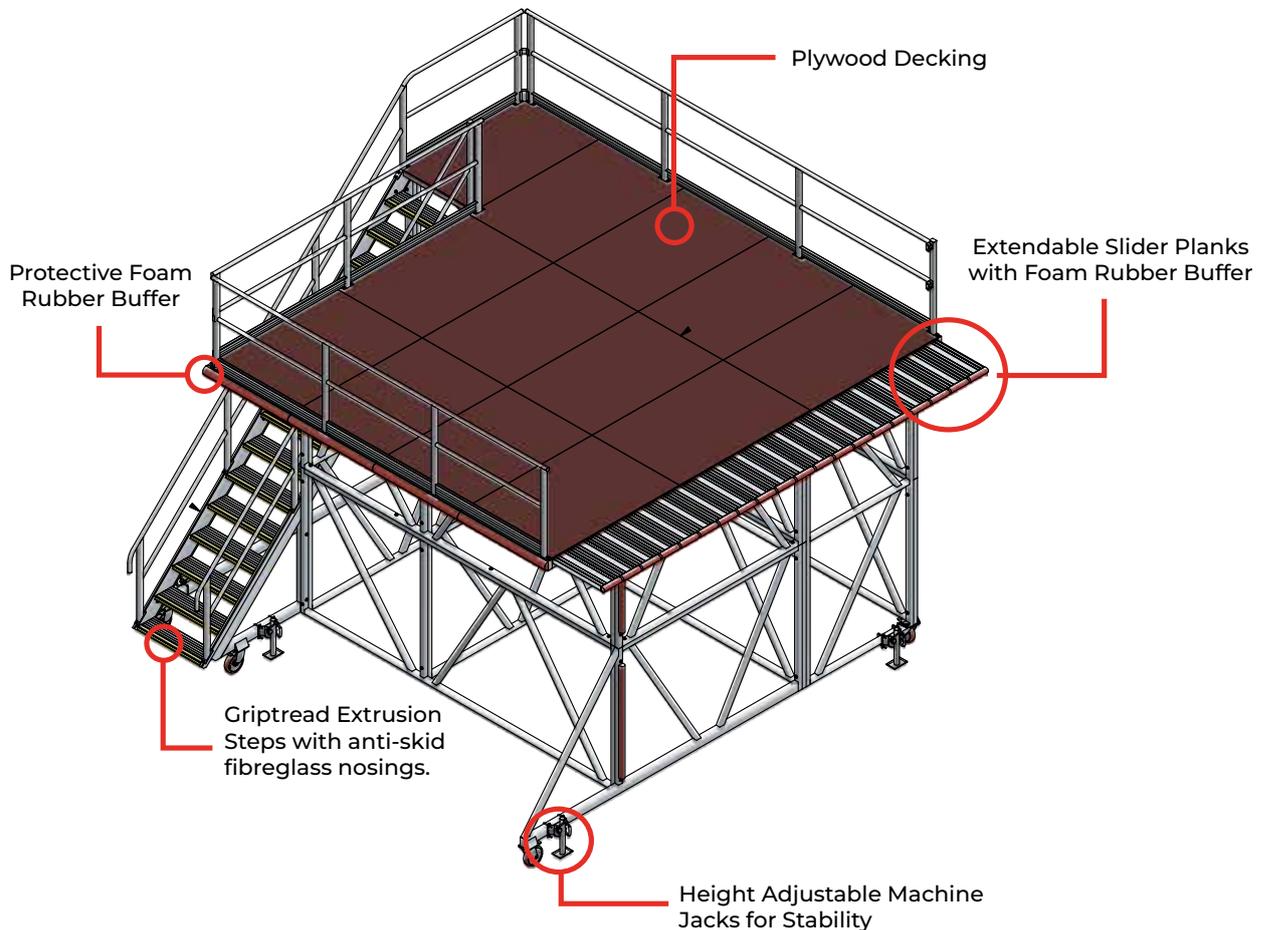




## DASSAULT AVIATION FALCON 900

### HORIZONTAL STABILISER DOCKING

- › Fully Mobile Aluminium Tail Dock.
- › Simply rolls into position in seconds, when aircraft is in the hangar.
- › Allow access for up to 8 personnel concurrently, to the tail and engines.
- › Extendable slider planks to match varying profiles.
- › Griptread extrusion steps with anti-skid fibreglass nosings.





## GENERAL PURPOSE ACCESS STANDS

### CROWN ACCESS STAND

- › Height Adjustable via a manual locking winch - safely work on top of wings, crown and other areas of the aircraft.
- › Cantilevered deck to allow access to the crown of the aircraft.
- › Extended Guardrail Area to provide edge protection for users when on the aircraft.



ALSO SEE  
ULTRAISE ON  
PAGE 21 - 22

Ladder Raises with Cantilever &  
Grab Rails to aid Ascent





## GENERAL PURPOSE ACCESS STANDS

### **GENERAL PURPOSE ENGINEERING ACCESS STAIRS**

- › Available in various sizes for single-man access to all points of the aircraft.
- › Quick-release removable guardrails for multiple uses on the aircraft.





## SECTION 03 ROTARY

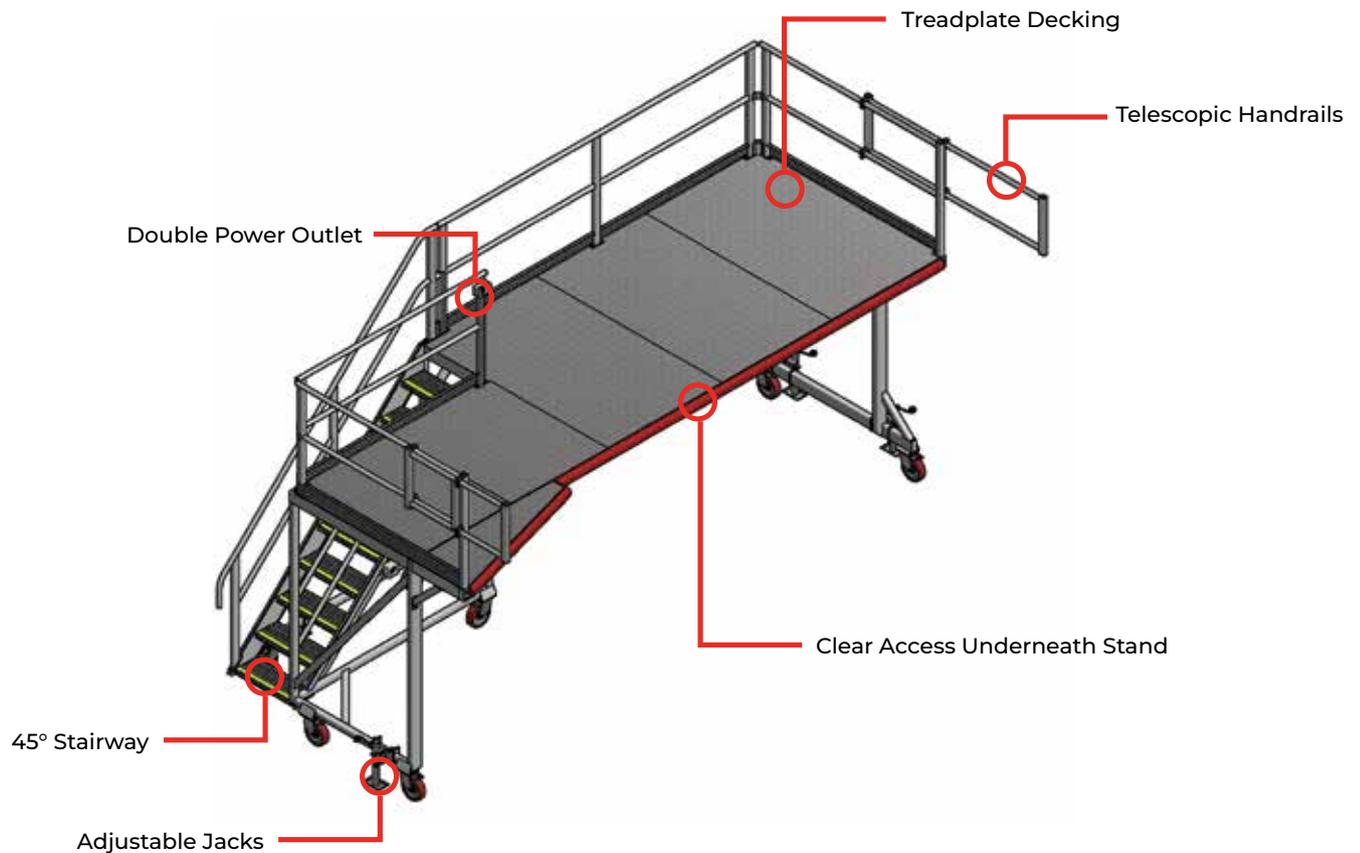
<b>LEONARDO AW139</b>	158	<b>MBB/KAWASAKI BK117</b>	234
<b>LEONARDO AW169</b>	176	<b>KAMAN SEASPRITE SH-2G</b>	238
<b>LEONARDO AW189</b>	184	<b>NHINDUSTRIES NH90</b>	240
<b>AIRBUS H125</b>	188	<b>ROBINSON R22/R44</b>	242
<b>AIRBUS H130</b>	190	<b>SIKORSKY BLACKHAWK</b>	244
<b>AIRBUS H135</b>	194	<b>GENERAL PURPOSE</b>	246
<b>AIRBUS H145</b>	200		
<b>AIRBUS H160</b>	208		
<b>AIRBUS H175</b>	212		
<b>BELL HELICOPTER BELL 206</b>	216		
<b>BELL HELICOPTER BELL 212</b>	220		
<b>BELL HELICOPTER BELL 412</b>	222		
<b>BELL HELICOPTER BELL 429</b>	226		



## LEONARDO AW139

**SIDE ACCESS PLATFORM - WIDE VERSION**

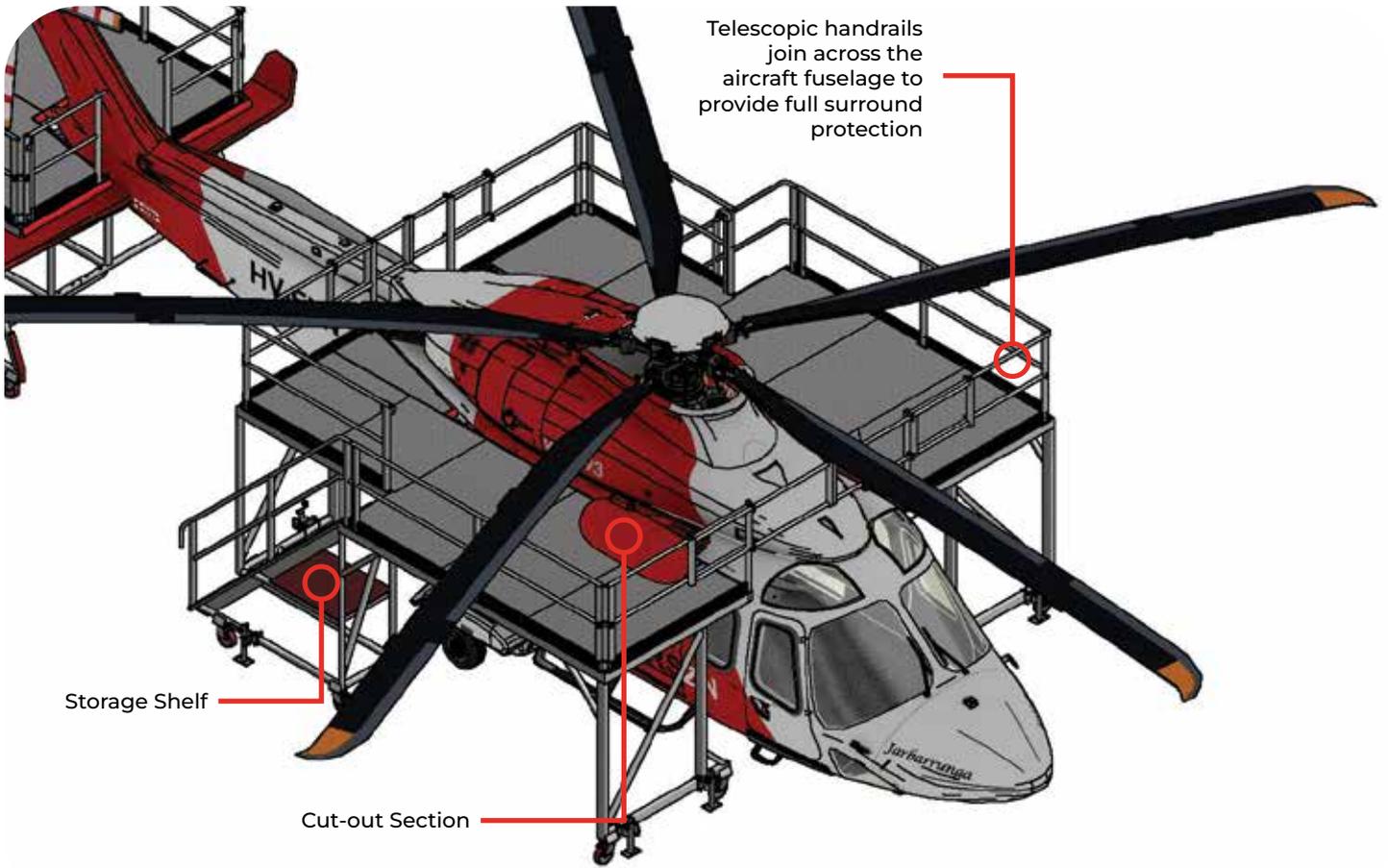
- › Available with lighting under stand, also available with power and air points.
- › Wider frame for additional engineers and tooling as required.
- › Extendable guardrails slide out over fuselage, to provide full surround edge protection when working on the aircraft.
- › Ideal for heavy maintenance,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





# LEONARDO AW139

## SIDE ACCESS PLATFORM - WIDE VERSION



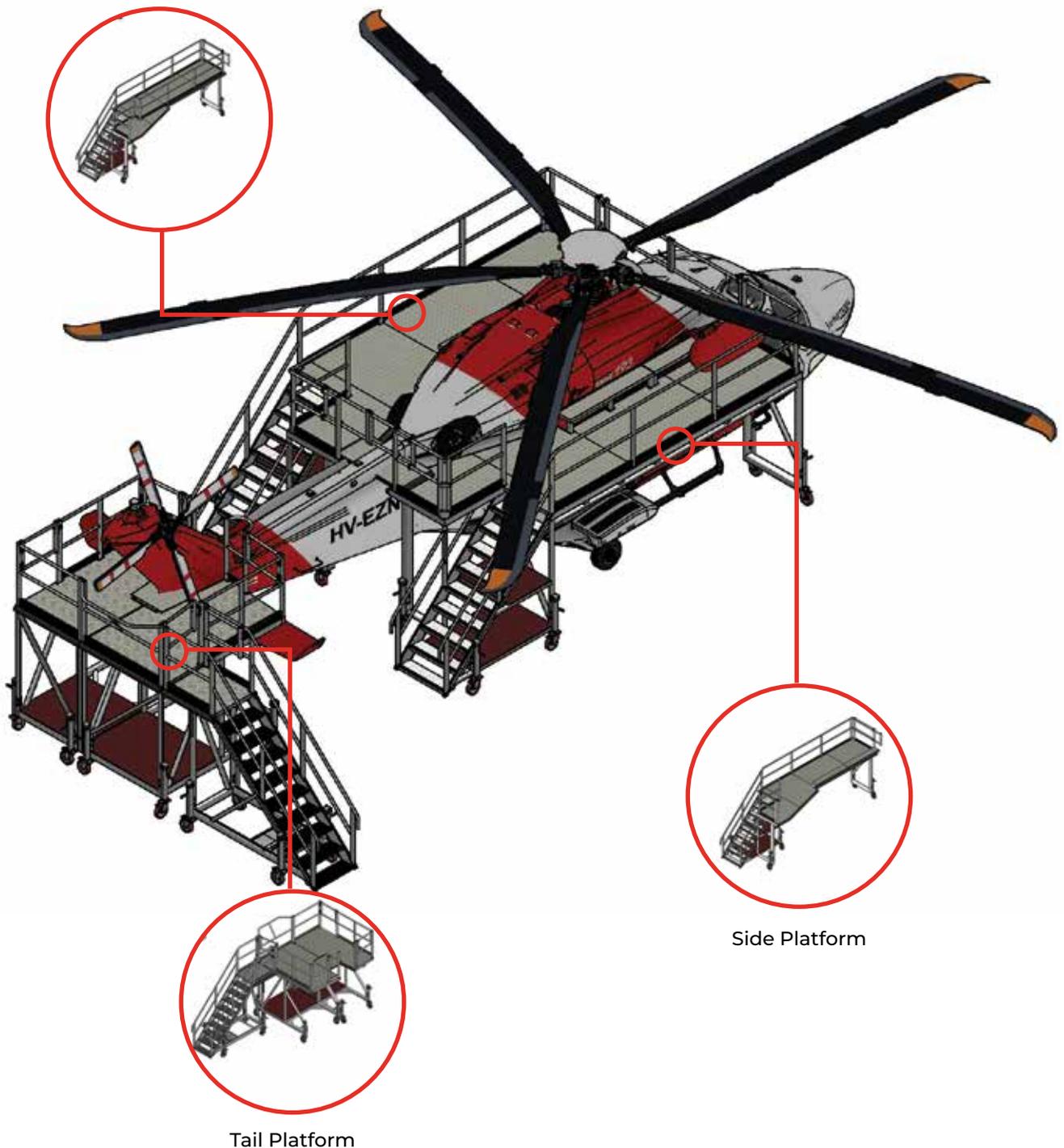
### STANDS SHOWN WITH LIGHTING OPTION



**LEONARDO AW139****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.

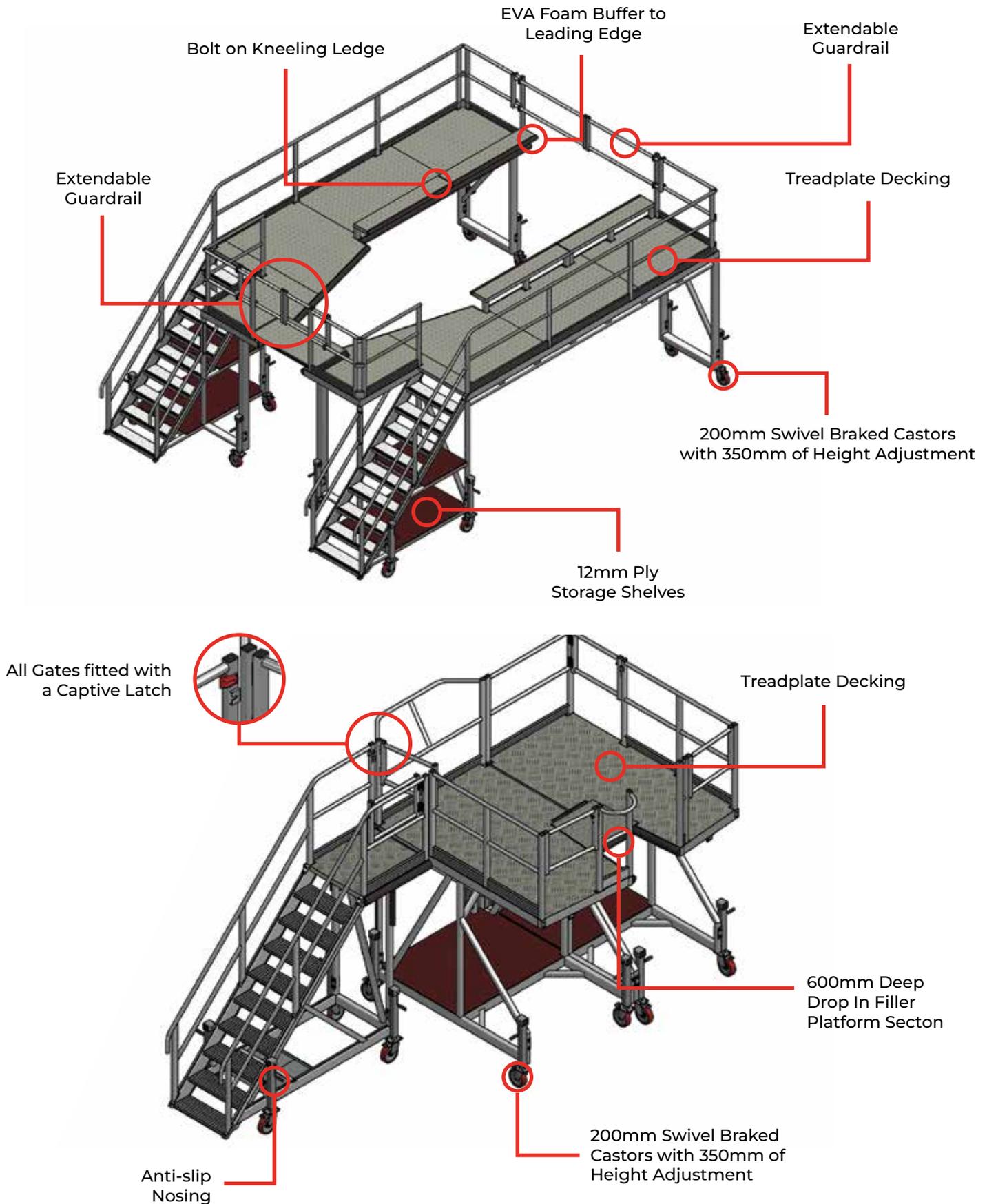
Side Platform  
with Bolt-on Handrail  
Configuration





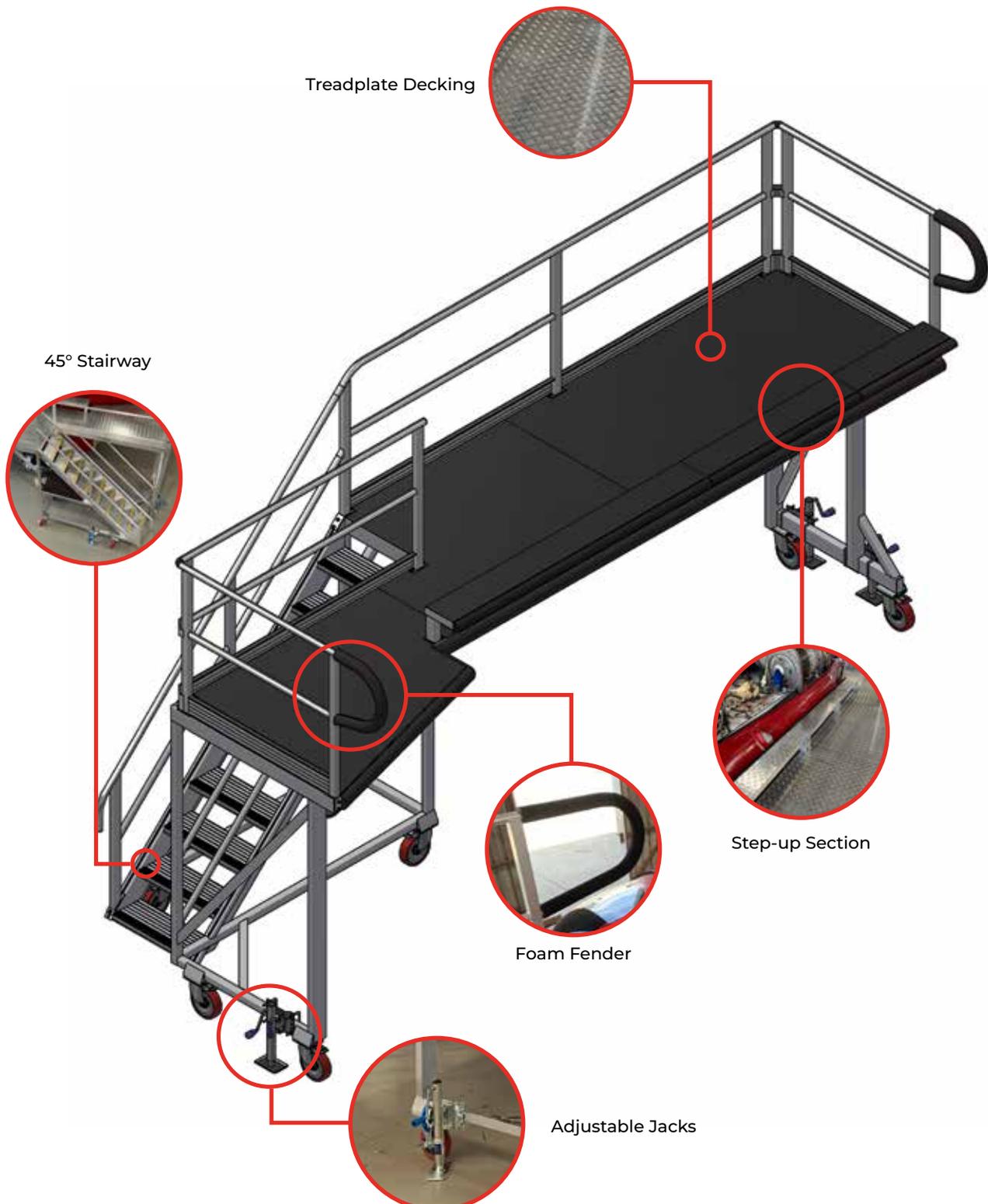
# LEONARDO AW139

## FULL SURROUND PLATFORM SYSTEM



**LEONARDO AW139*****SIDE ACCESS PLATFORM* - SLIMLINE VERSION**

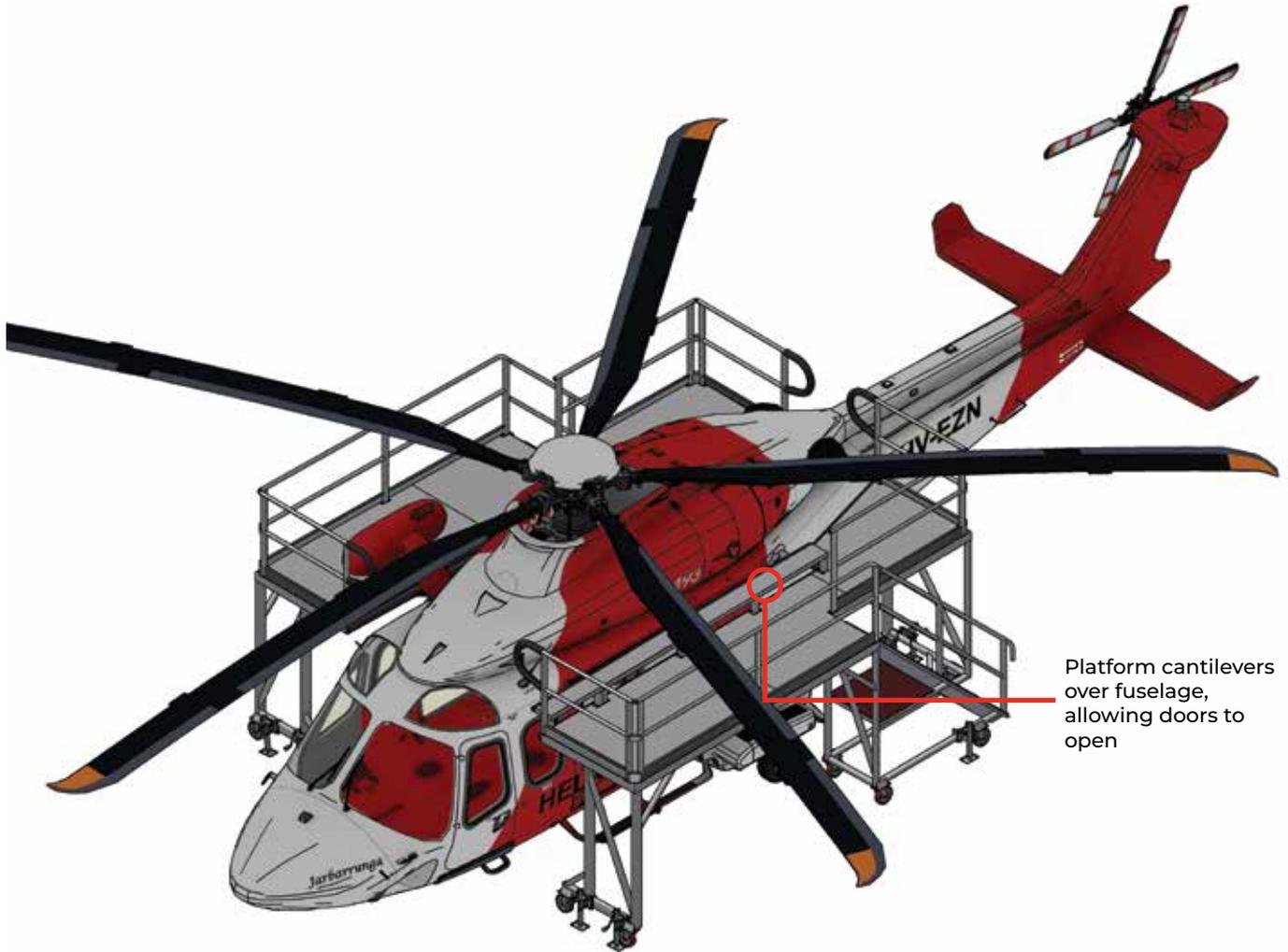
- › These stands are our most popular stand for heavy maintenance on the AW139. They are large enough to provide all required access to the aircraft for heavy maintenance, but still manoeuvrable enough to relocate around small hangars.
- › Small step-up sections cantilevers over the side doors, allowing 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.





# LEONARDO AW139

## **SIDE ACCESS PLATFORM** - SLIMLINE VERSION



Platform cantilevers over fuselage, allowing doors to open





# LEONARDO AW139

## 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.



Foam Buffer to Leading Edge of Handrails and Platform

Treadplate Decking

200mm Fixed Directional Castors

45° Stair Access

200mm Swivel Braked Castors



SHOWN ON **AW139**



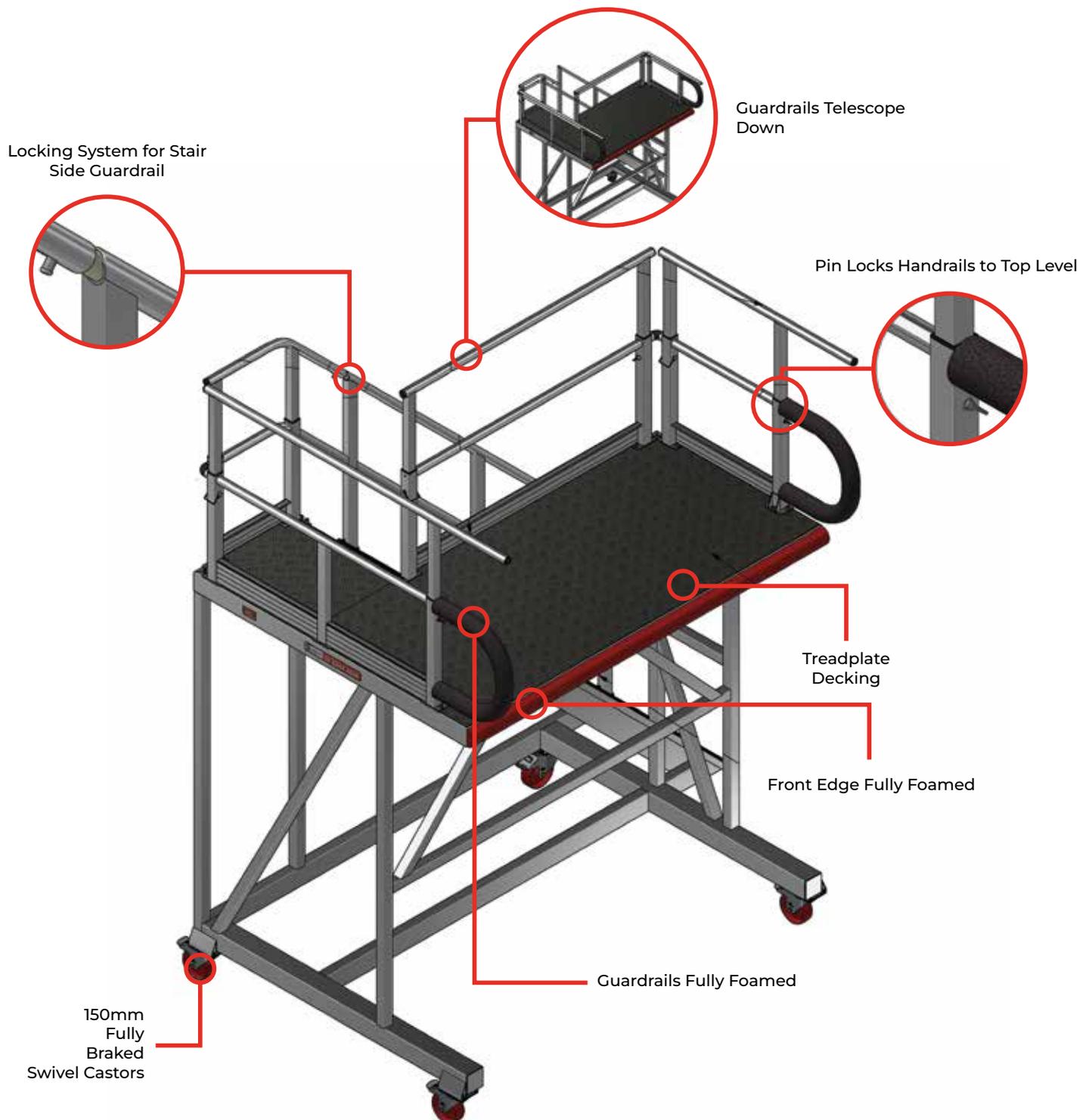
SHOWN ON **H160**



## LEONARDO AW139

### 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.





# LEONARDO AW139

## 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.



### SUITS VARIOUS AIRCRAFT TYPES

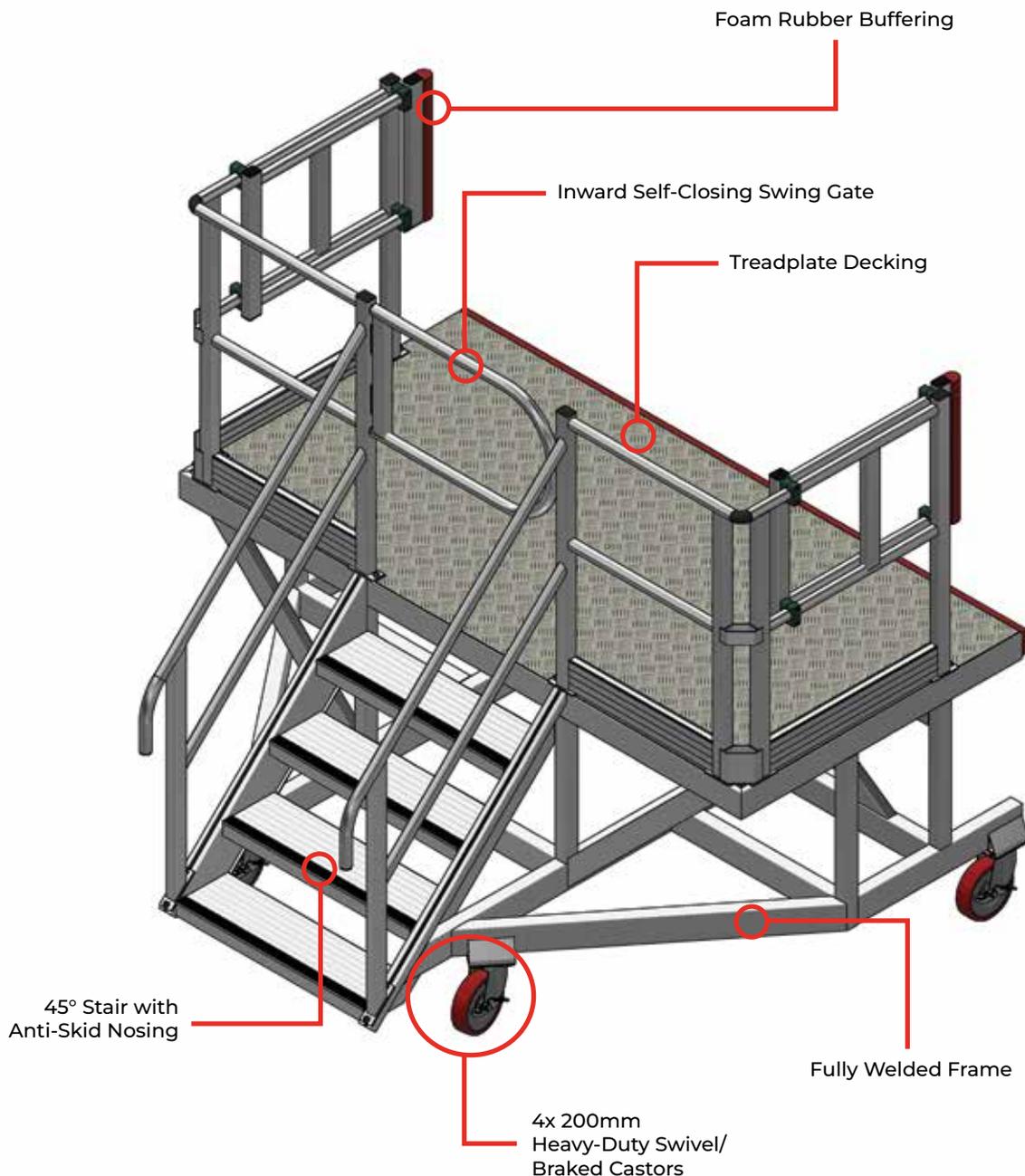
AW139

AW169

H160

H175

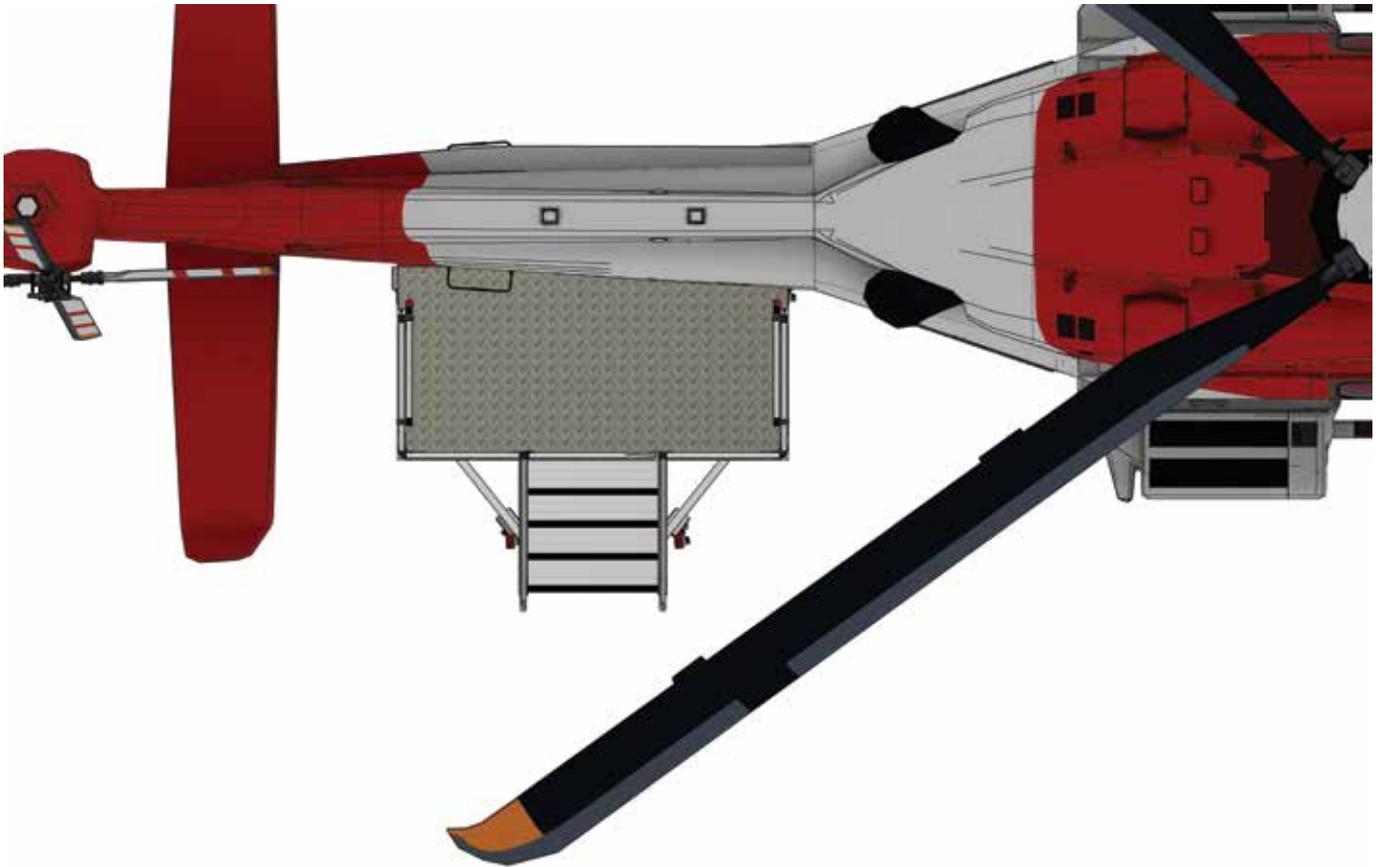
And many more aircraft models. For more information, contact your local SafeSmart Aviation Representative.





# LEONARDO AW139

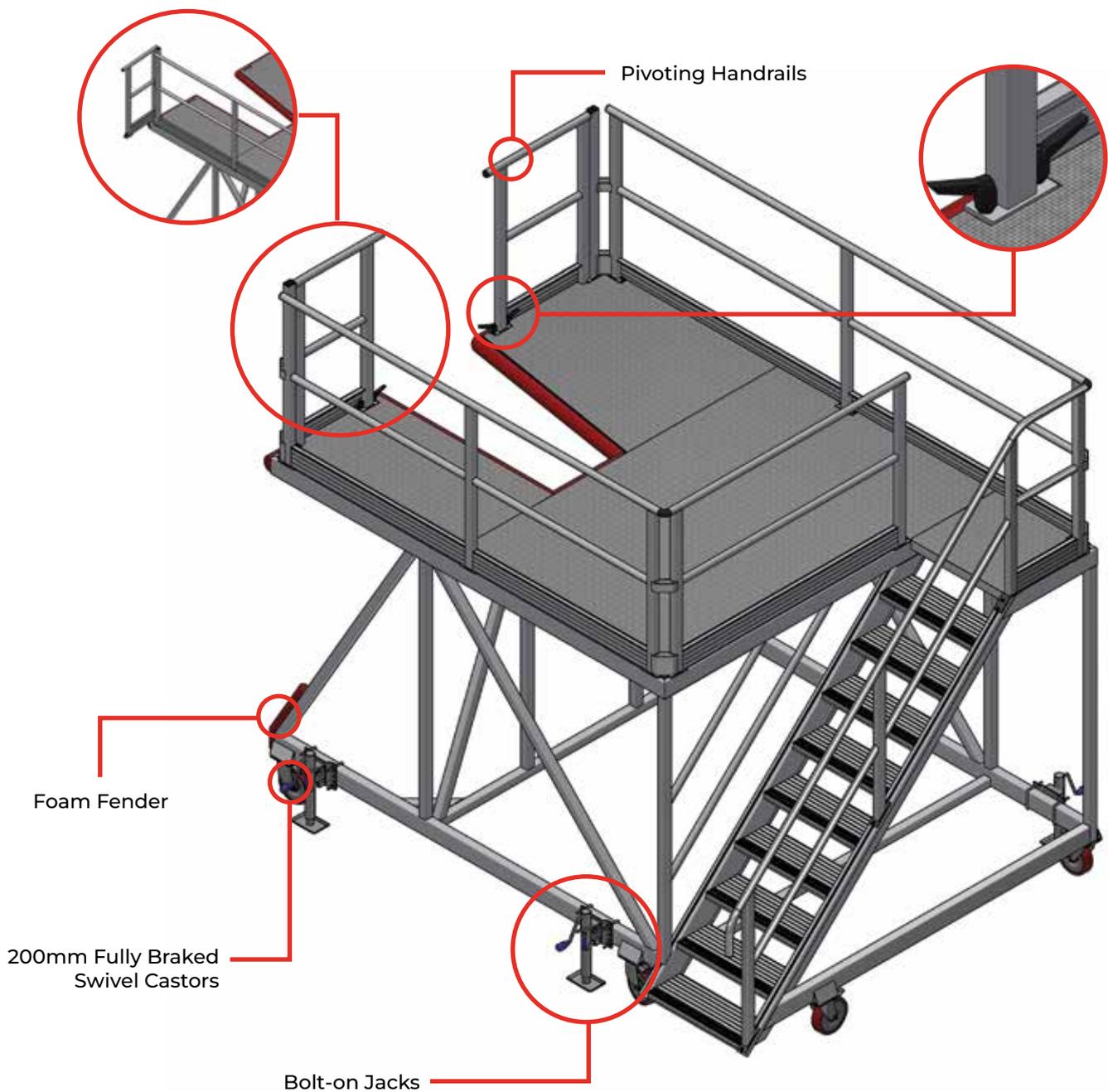
## TAIL BOOM ACCESS PLATFORM



**LEONARDO AW139*****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.

Pivoting Handrails Folded  
for Positioning





## LEONARDO AW139

### *TAIL ROTOR STAND*





# LEONARDO AW139

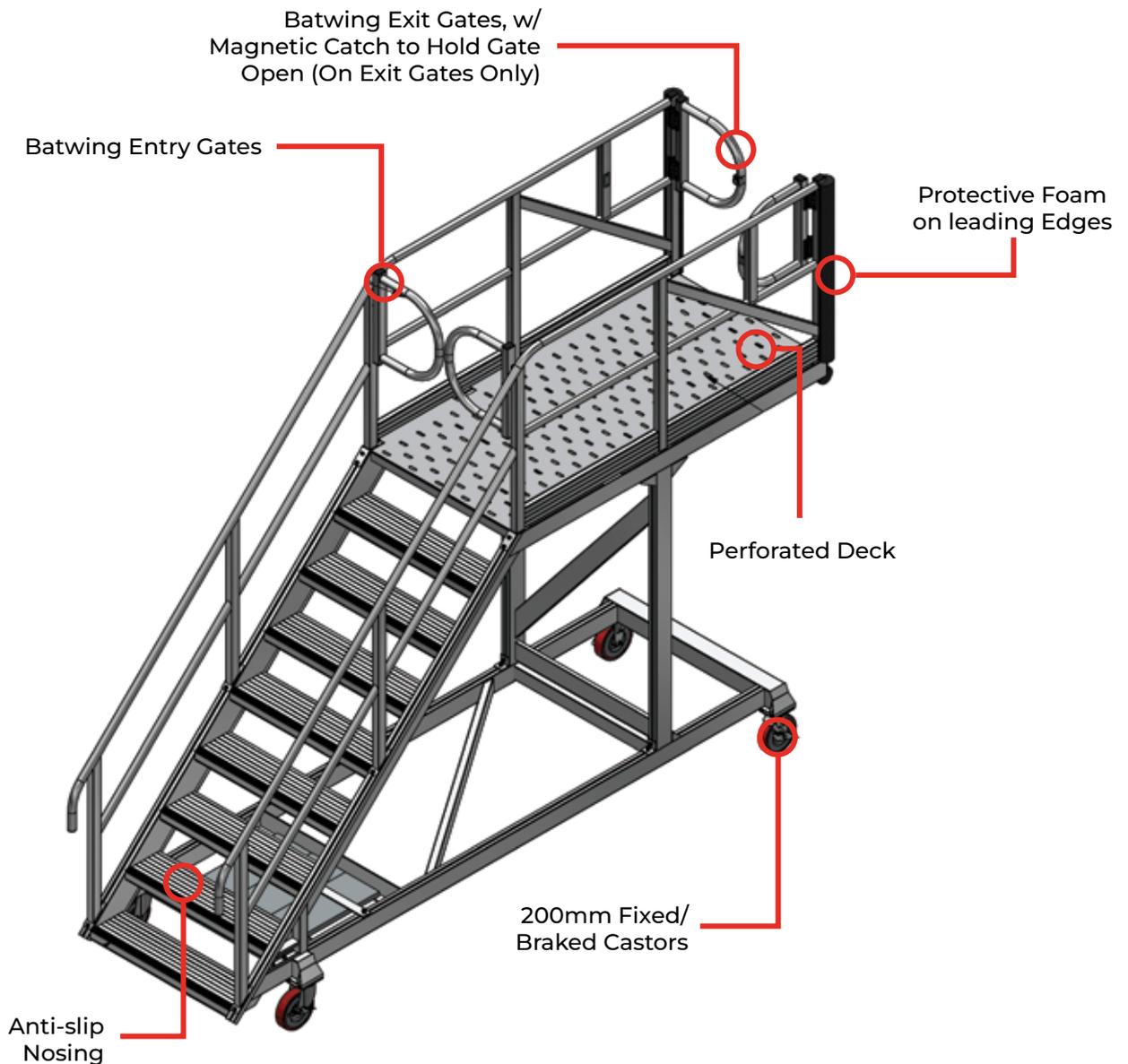
## TAIL ACCESS PLATFORM - LINE MAINTENANCE

- › 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 171**

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





# LEONARDO AW139

## TAIL ACCESS PLATFORM - LINE MAINTENANCE

SHOWN ON **AW139**



SHOWN ON **H160**



SHOWN ON **H145**

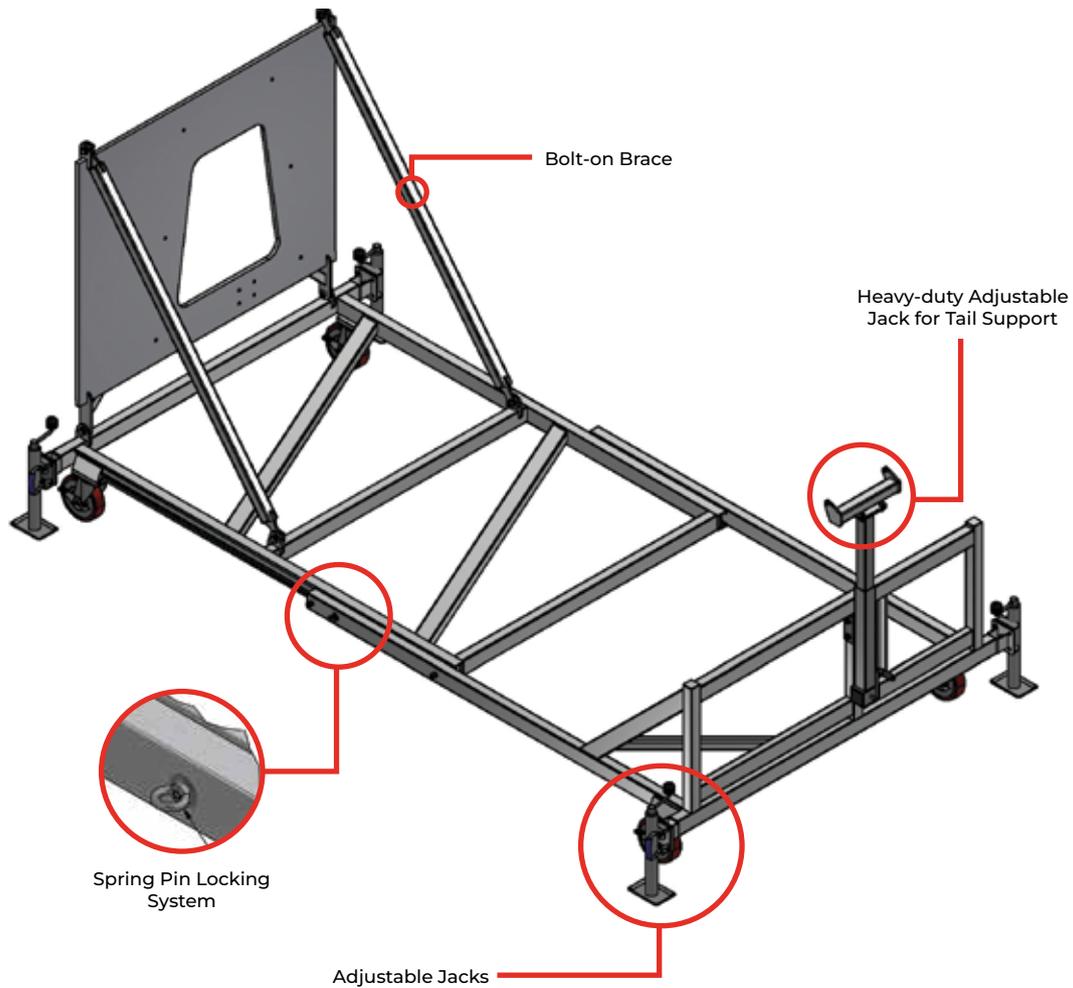


SHOWN ON **H125**



**LEONARDO AW139*****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.

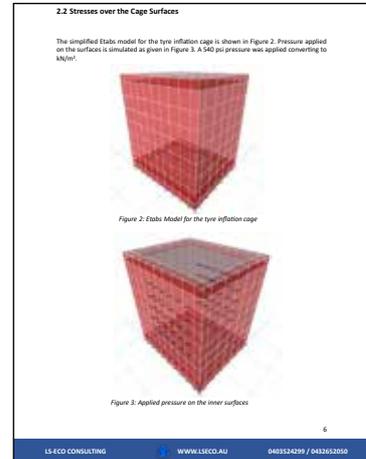




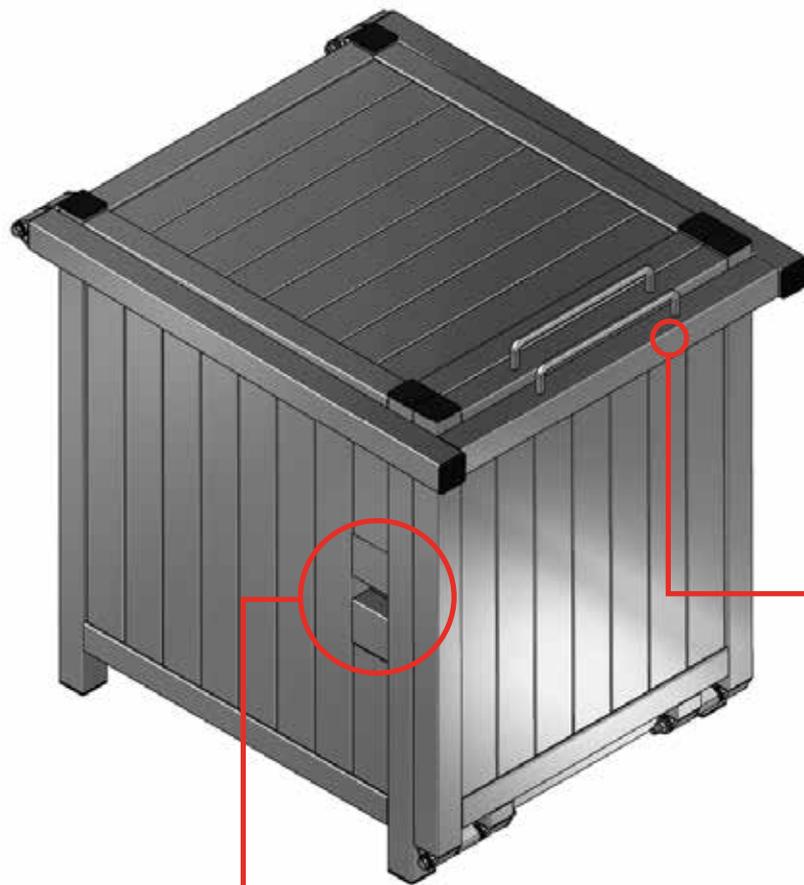
# LEONARDO AW139

## TYRE INFLATION CAGE

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



Analysed to ensure capacity of cage is suitable to accommodate a tyre burst event



Air Hose Port

Locking Bar

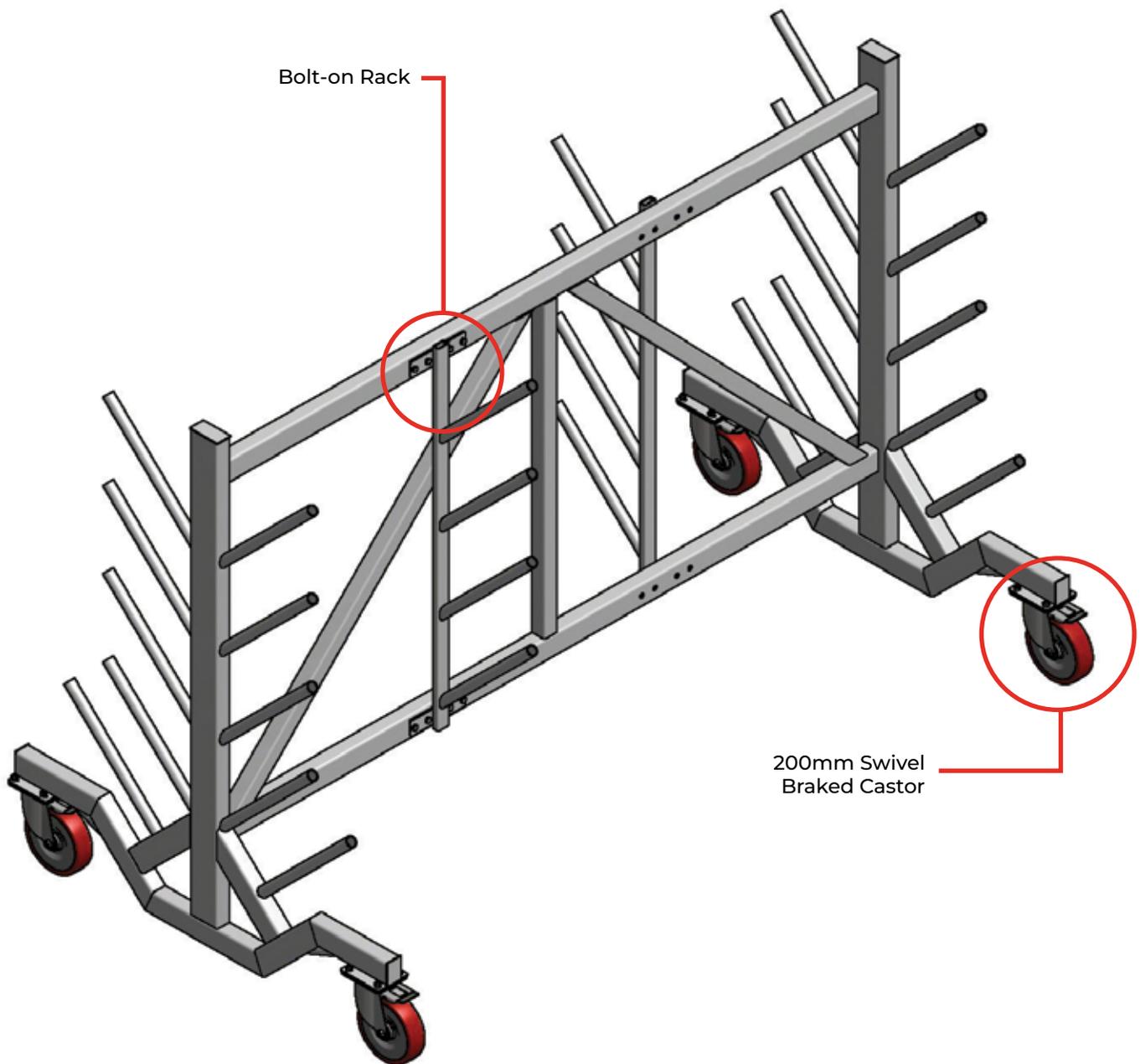


Locking Bar (Lifted)

Hinged Door

**LEONARDO AW139****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.

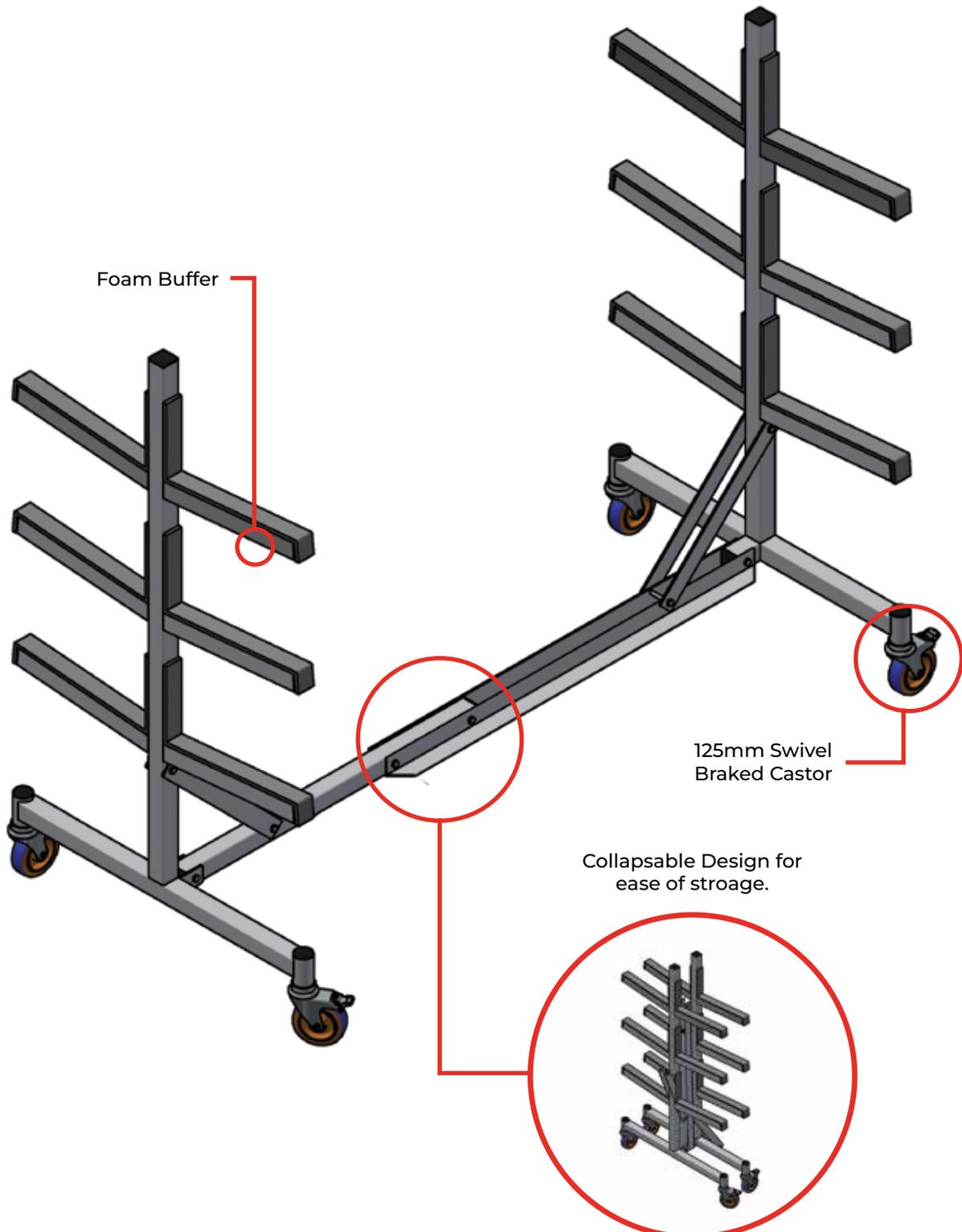




## LEONARDO AW139

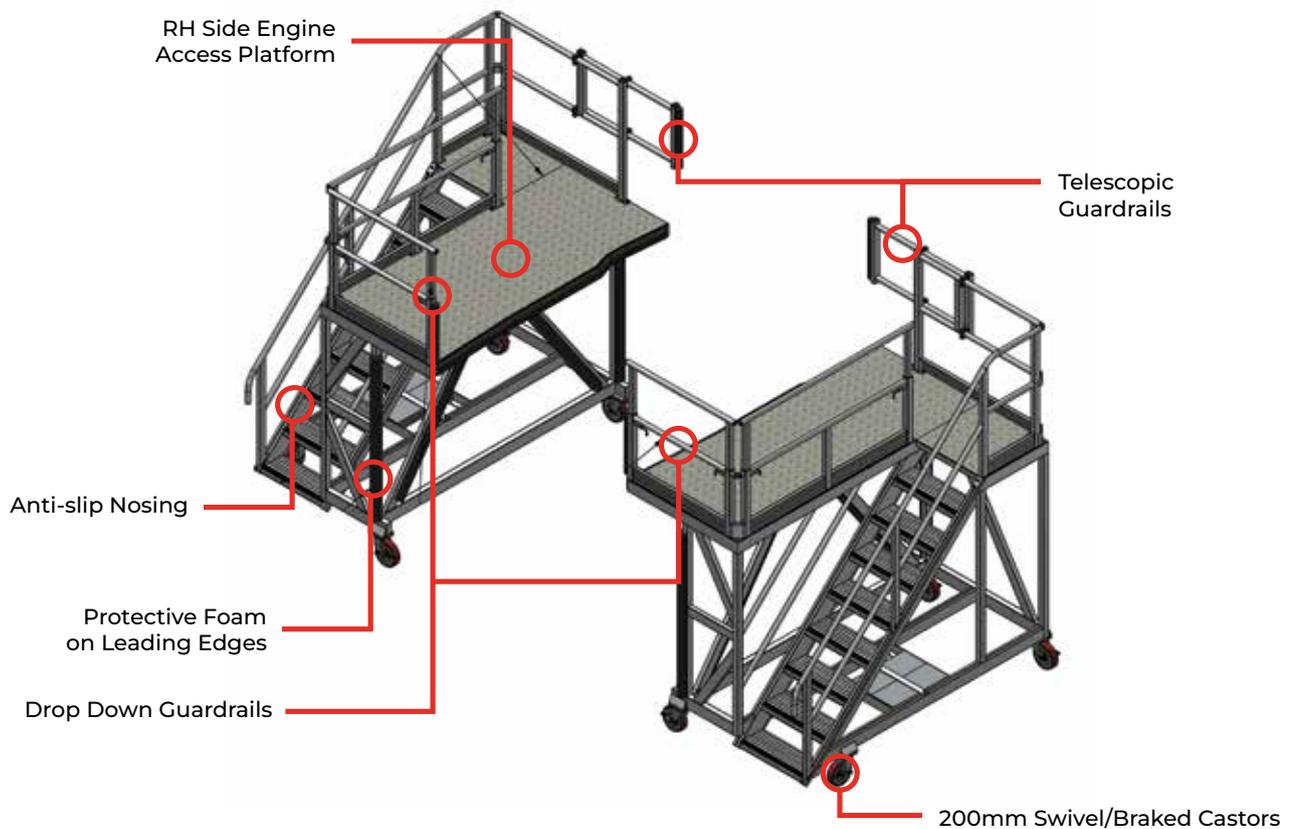
### ROTOR BLADE STAND - COMPACT

- › 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.



**LEONARDO AW169****SINGLE LEVEL SIDE PLATFORM**

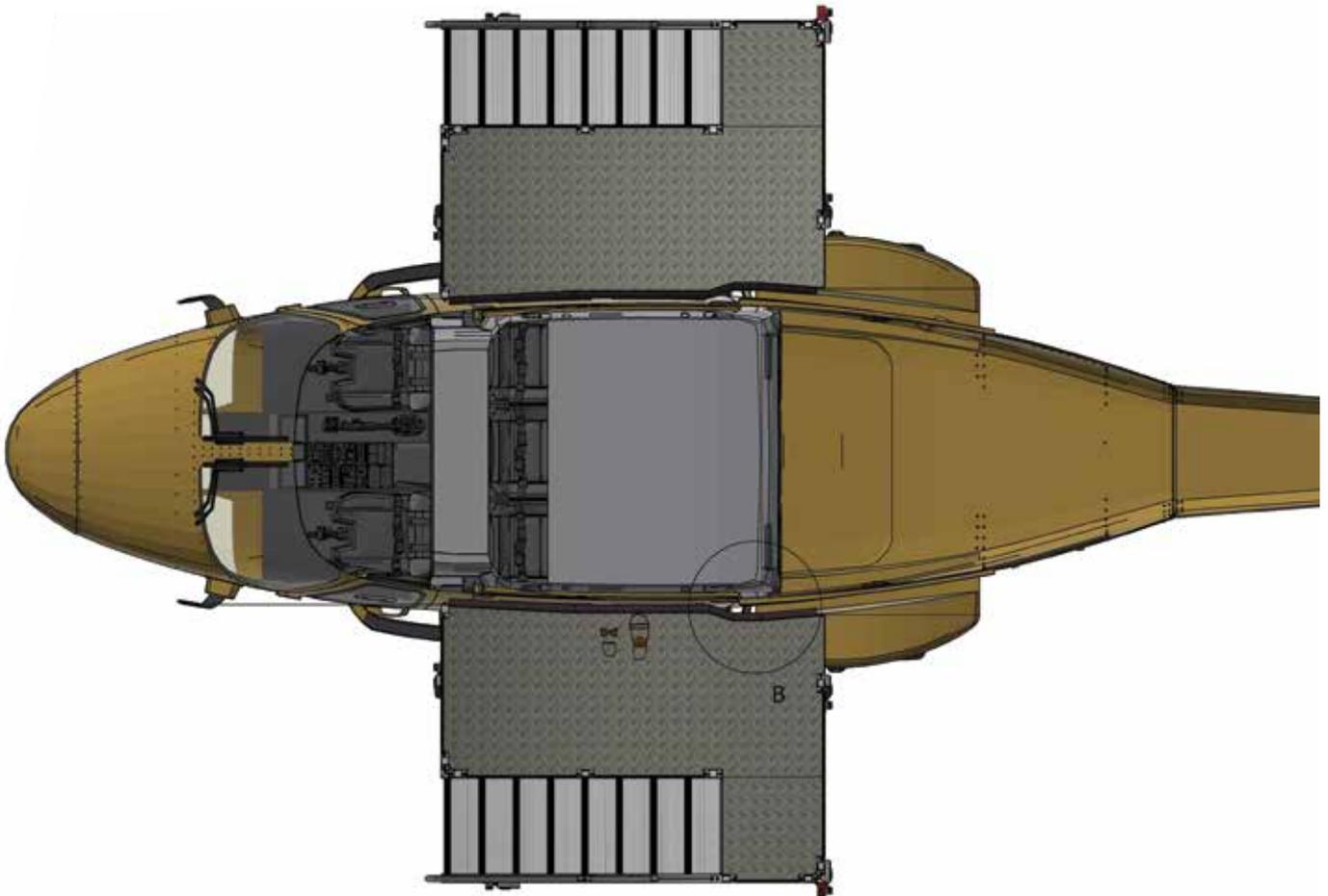
- › Ideal for line maintenance applications, provides a large work platform for ease of access during inspection and maintenance.
- › Stair access allows the user to carry tools and parts to the work space safely.
- › Telescopic guardrails, slide forward closing any fall risk from the platform and providing 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.





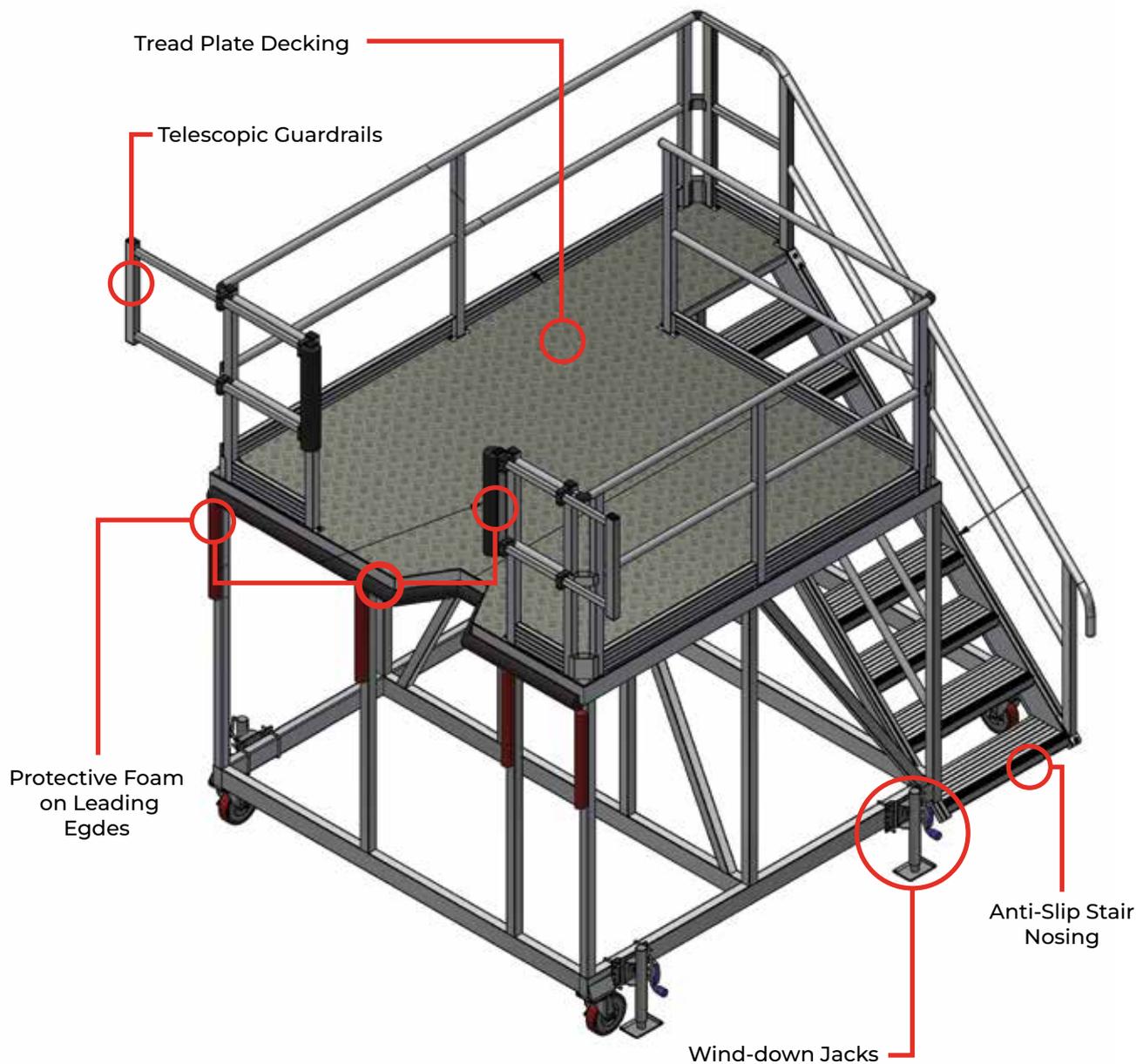
# LEONARDO AW169

## SINGLE LEVEL SIDE PLATFORM



**LEONARDO AW169*****TAIL ACCESS PLATFORM***

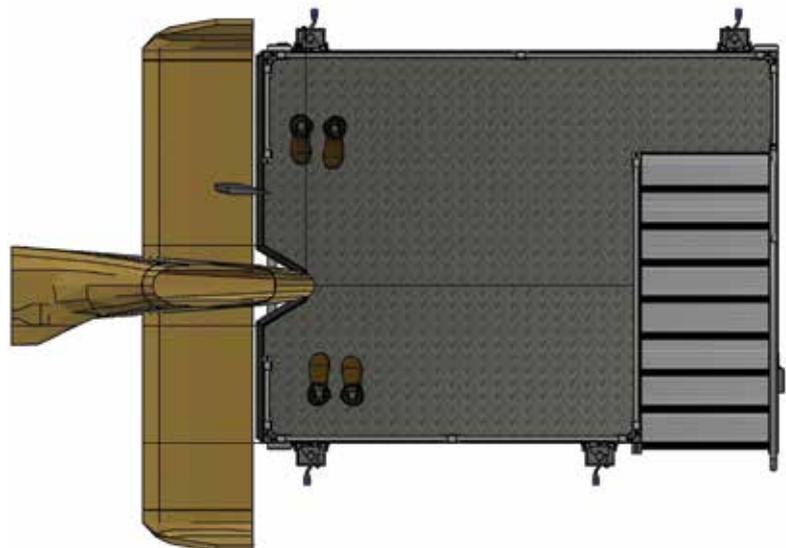
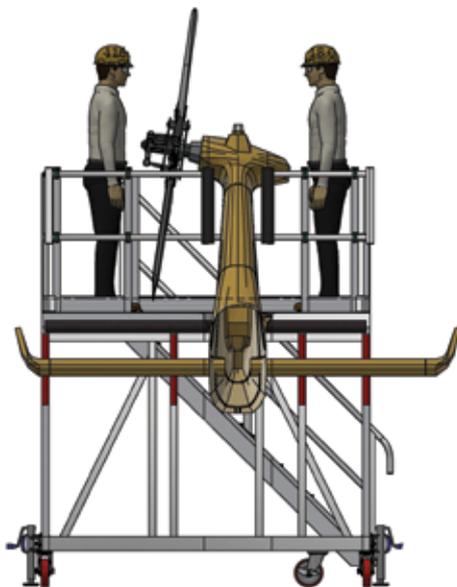
- › Designed to provide complete access to the tail and tail rotor for routine checks and maintenance.
- › Handrails telescope outward on the leading edge to allow the docking to rest against the helicopter without any risk of collision. They then close any gap to the aircraft, eliminating fall risks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





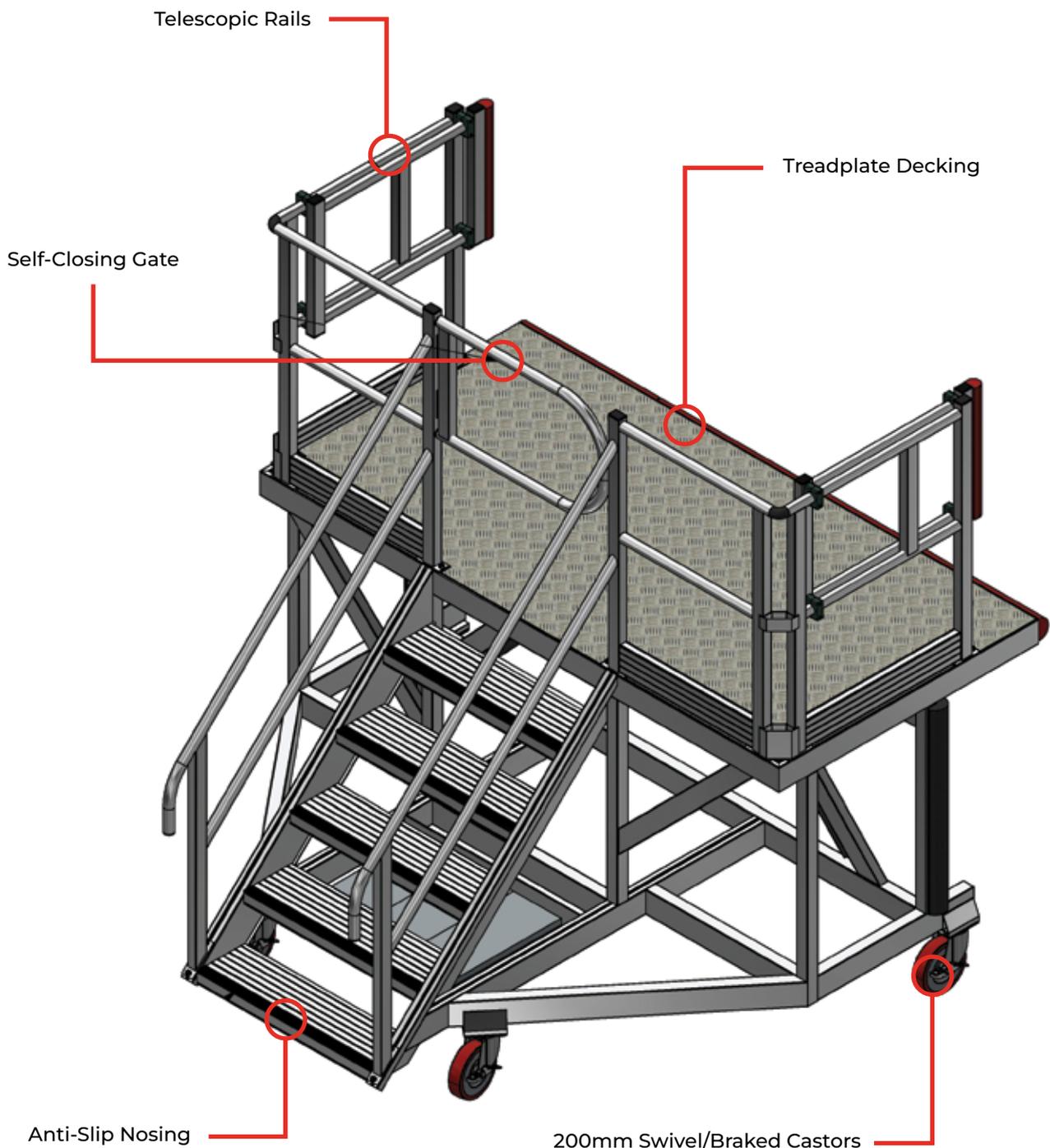
# LEONARDO AW169

## TAIL ACCESS PLATFORM



**LEONARDO AW169*****TAIL BOOM ACCESS PLATFORM***

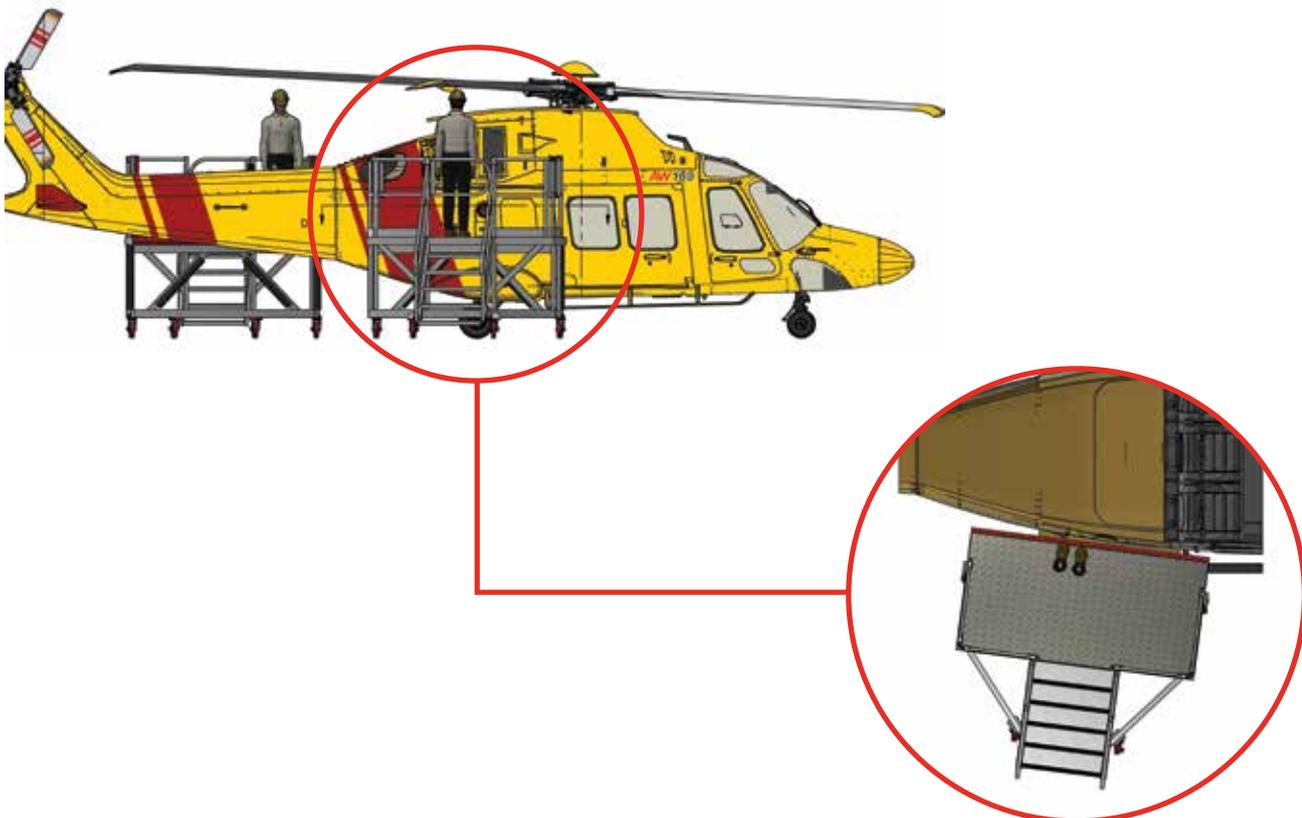
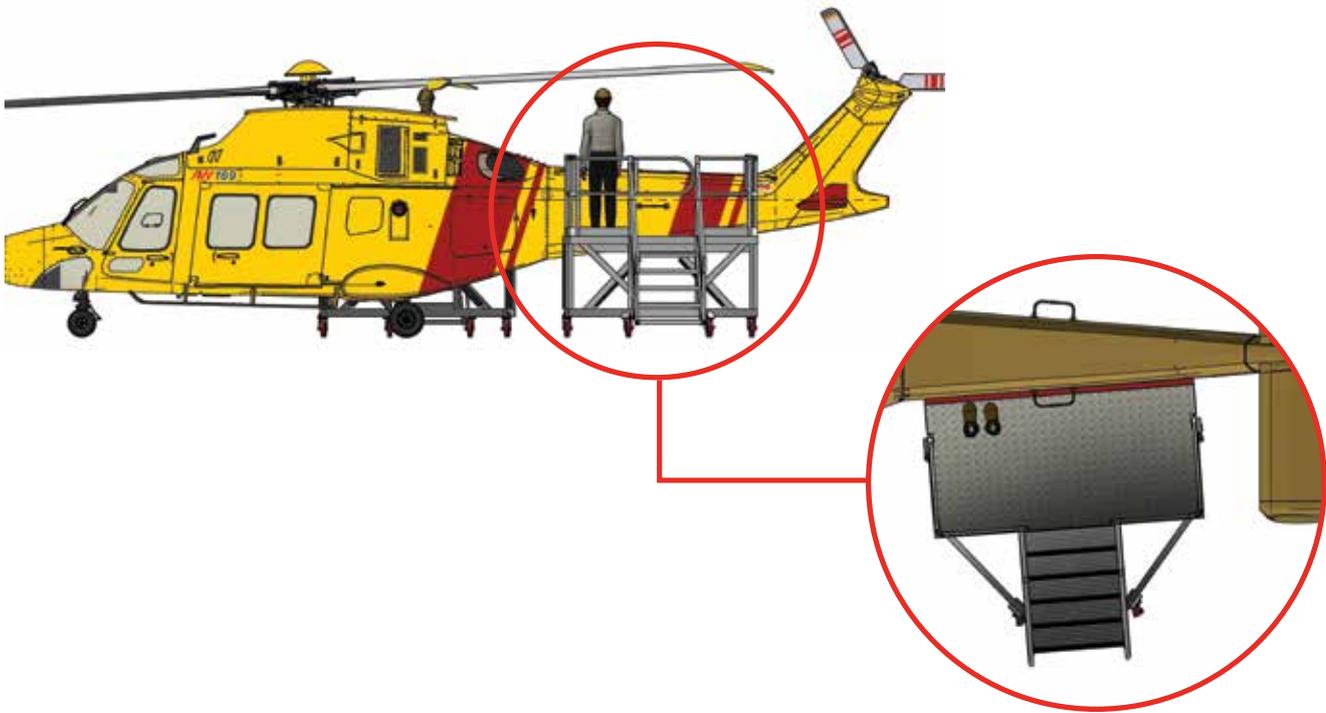
- › Larger platform area provides ease of access to maintenance areas on the tail boom.
- › Telescopic guardrails allow ease of positioning against the helicopter, without clash risk and then close the gaps removing fall risk.
- › Stair access allows the user to carry tools and parts to and from the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





# LEONARDO AW169

## TAIL BOOM ACCESS PLATFORM

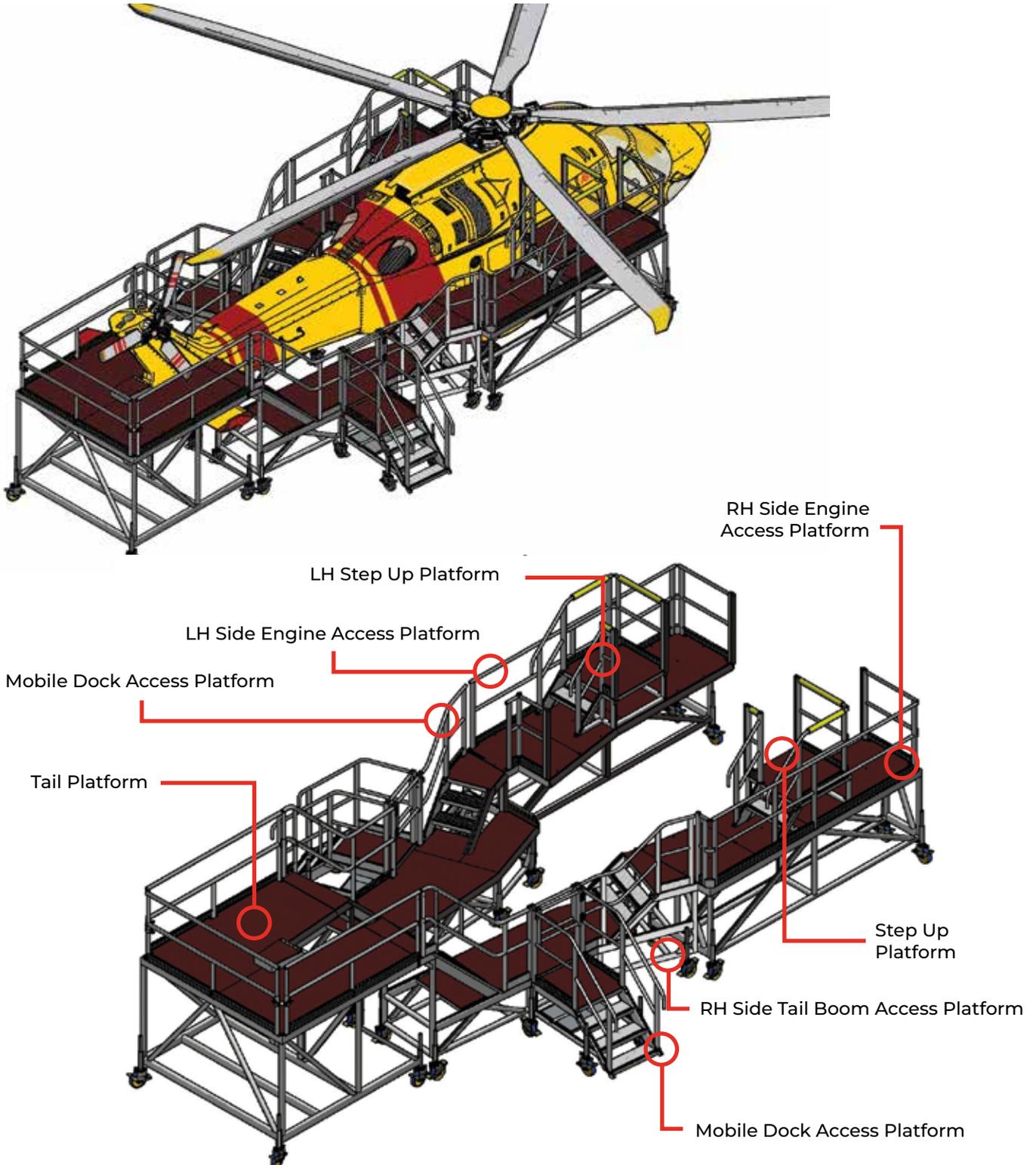




# LEONARDO AW169

## HELICOPTER DOCKING SYSTEM

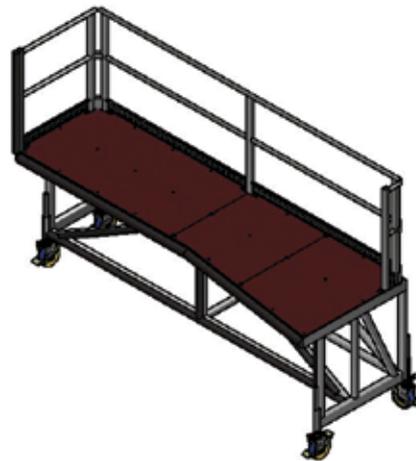
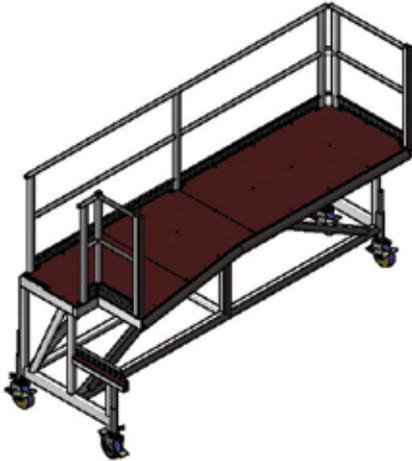
- › Docking modules are independently mobile, allowing fast pack down of the dock for storage and deployment
- › The complete dock allows unrestricted access around the periphery of the Helicopter





# LEONARDO AW169

## LH & RH SIDE ACCESS PLATFORM



## LH & RH TAIL BOOM ACCESS PLATFORM



## TAIL ACCESS PLATFORM



## MOBILE DOCK ACCESS PLATFORM

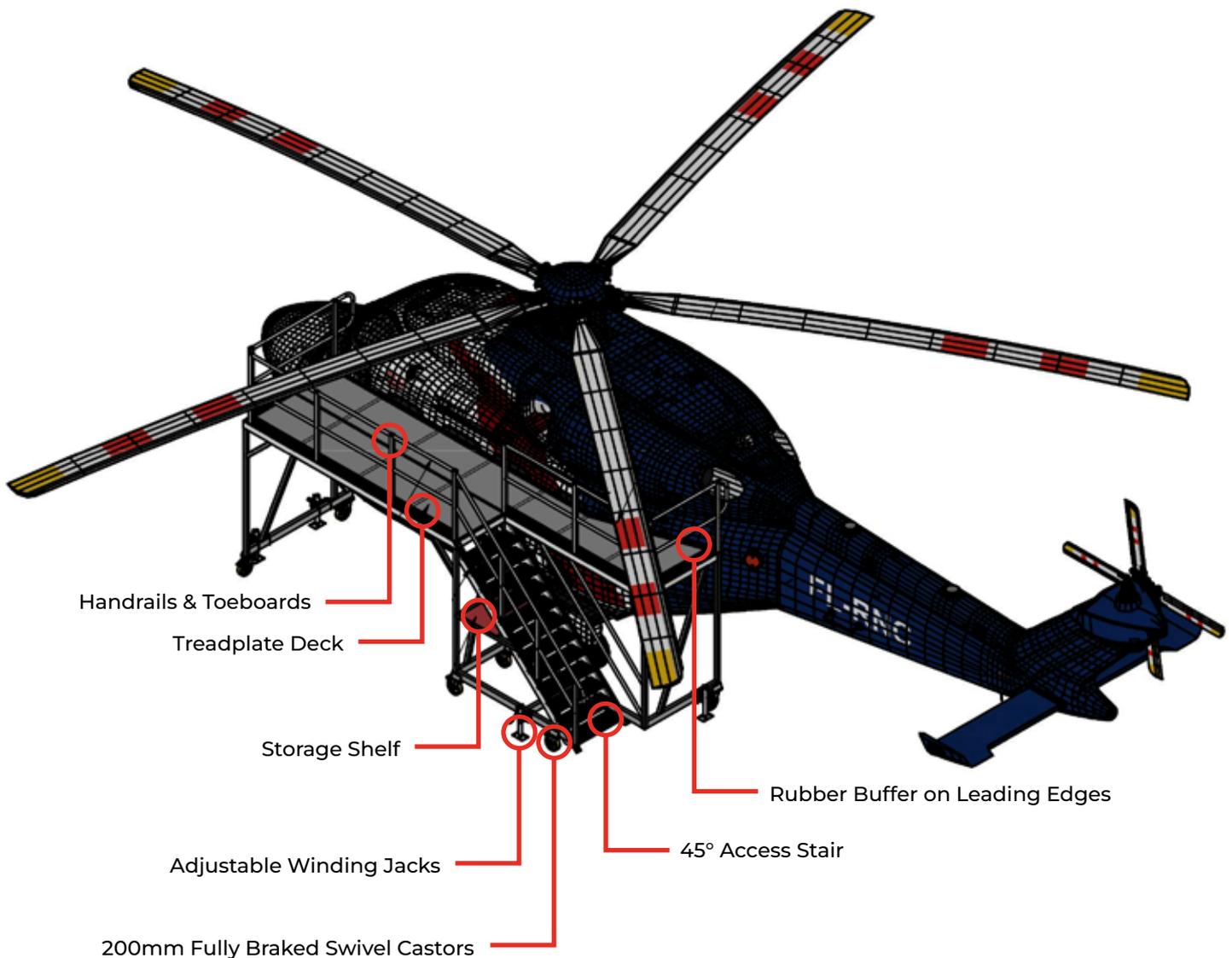


**LEONARDO AW189****SIDE ACCESS PLATFORMS**

- › 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.
- › Narrow profile allows for storage and positioning in compact hangar operations, mobile castors for ease of relocation.
- › Cantilevered and clear span structure, allows unrestricted access into the helicopter simultaneously while work is being completed above.



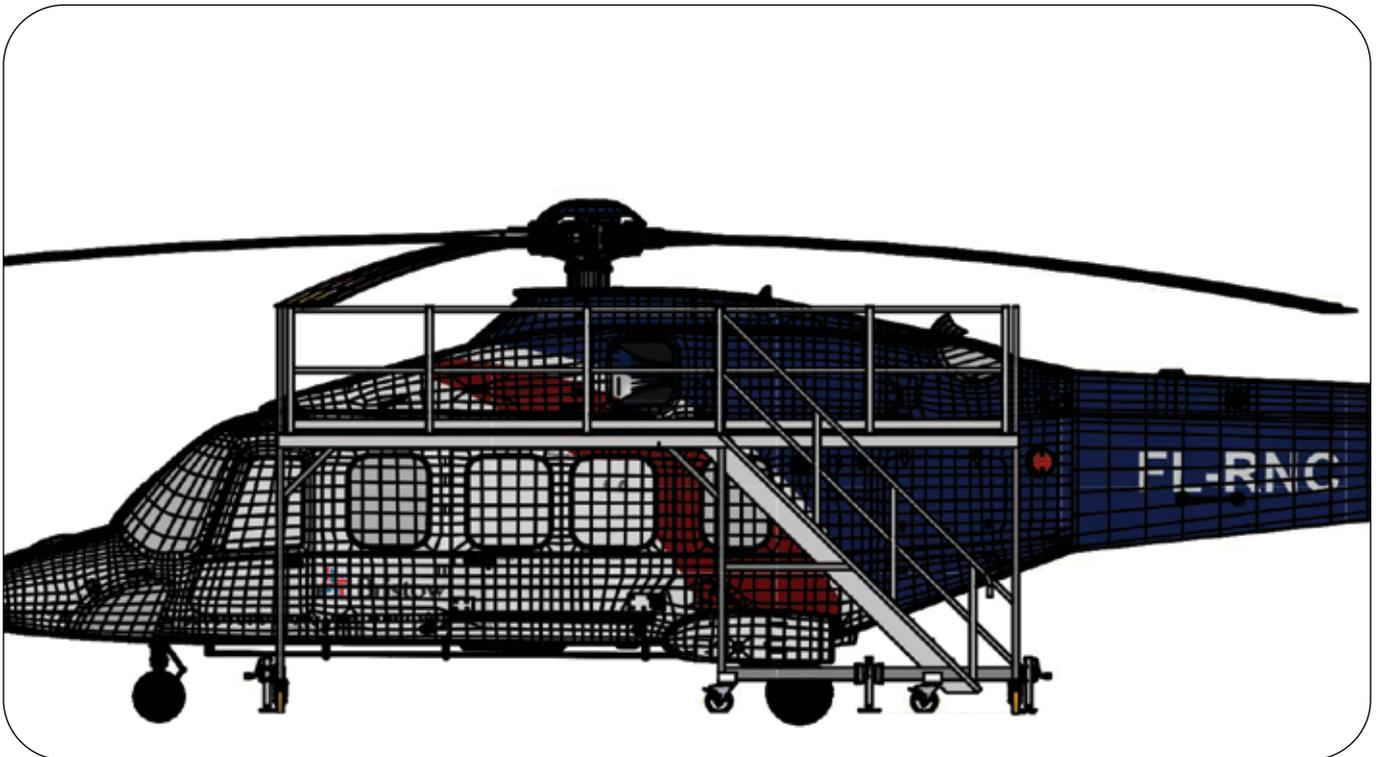
**ALSO SUITABLE  
FOR THE AW149  
MILITARY VARIANT**





# LEONARDO AW189

## SIDE ACCESS PLATFORM





## LEONARDOAW189

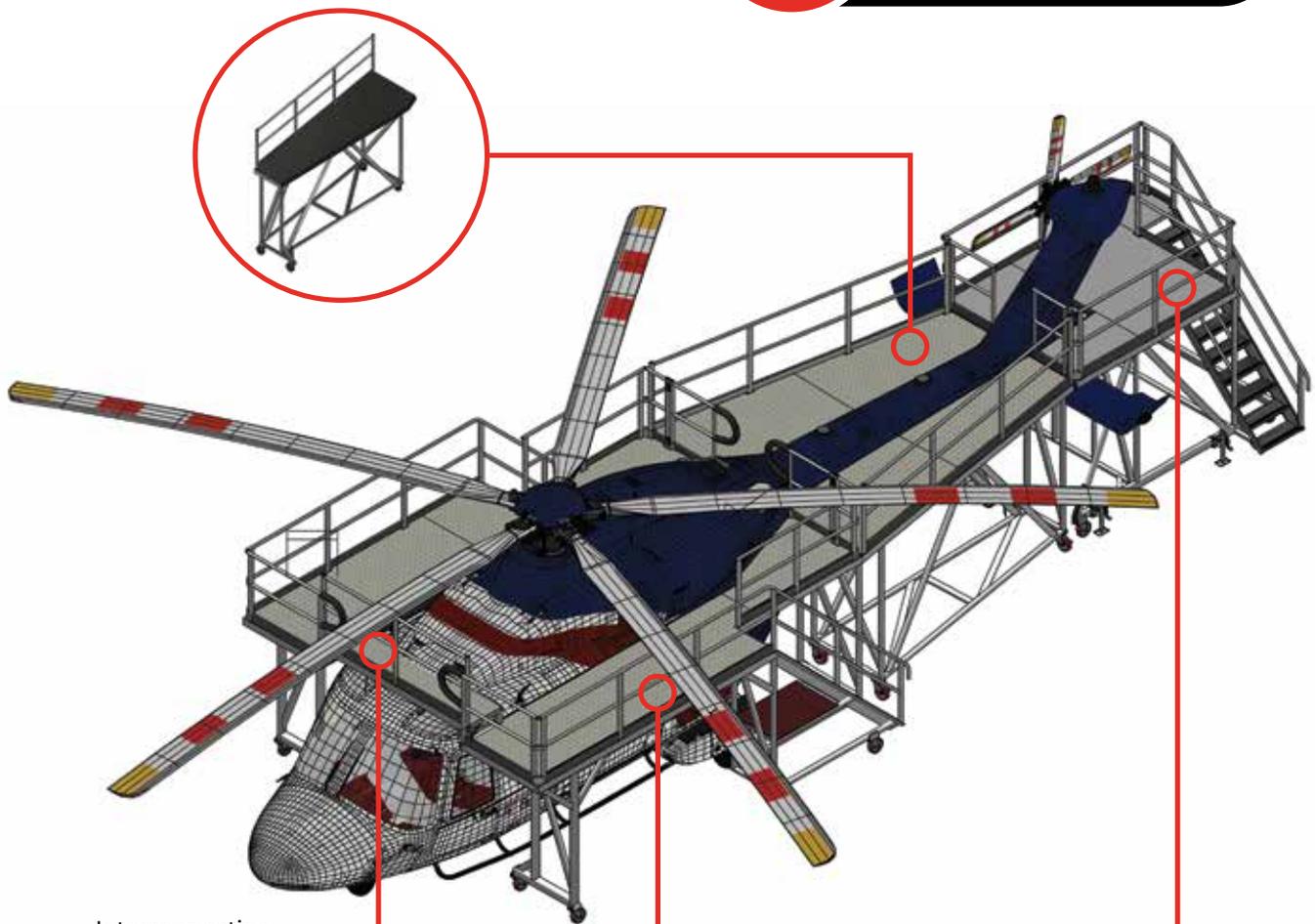
## FULL SURROUND DOCKING

- › All components assemble to create uninterrupted access around the helicopter from the Tail Rotor to the Main Rotor.
- › Components are separable and able to be used independently based on the maintenance task required.
- › Available with compressed air, power outlets and lighting.
- › The stands are configured so access into the cabin and cockpit is not obstructed.



**ALSO SUITABLE  
FOR THE AW149  
MILITARY VARIANT**

Interconnecting Tail Boom Stand



Interconnecting  
Bridge



Side Access Stand



Tail Stand



# LEONARDO AW189

## FULL SURROUND DOCKING

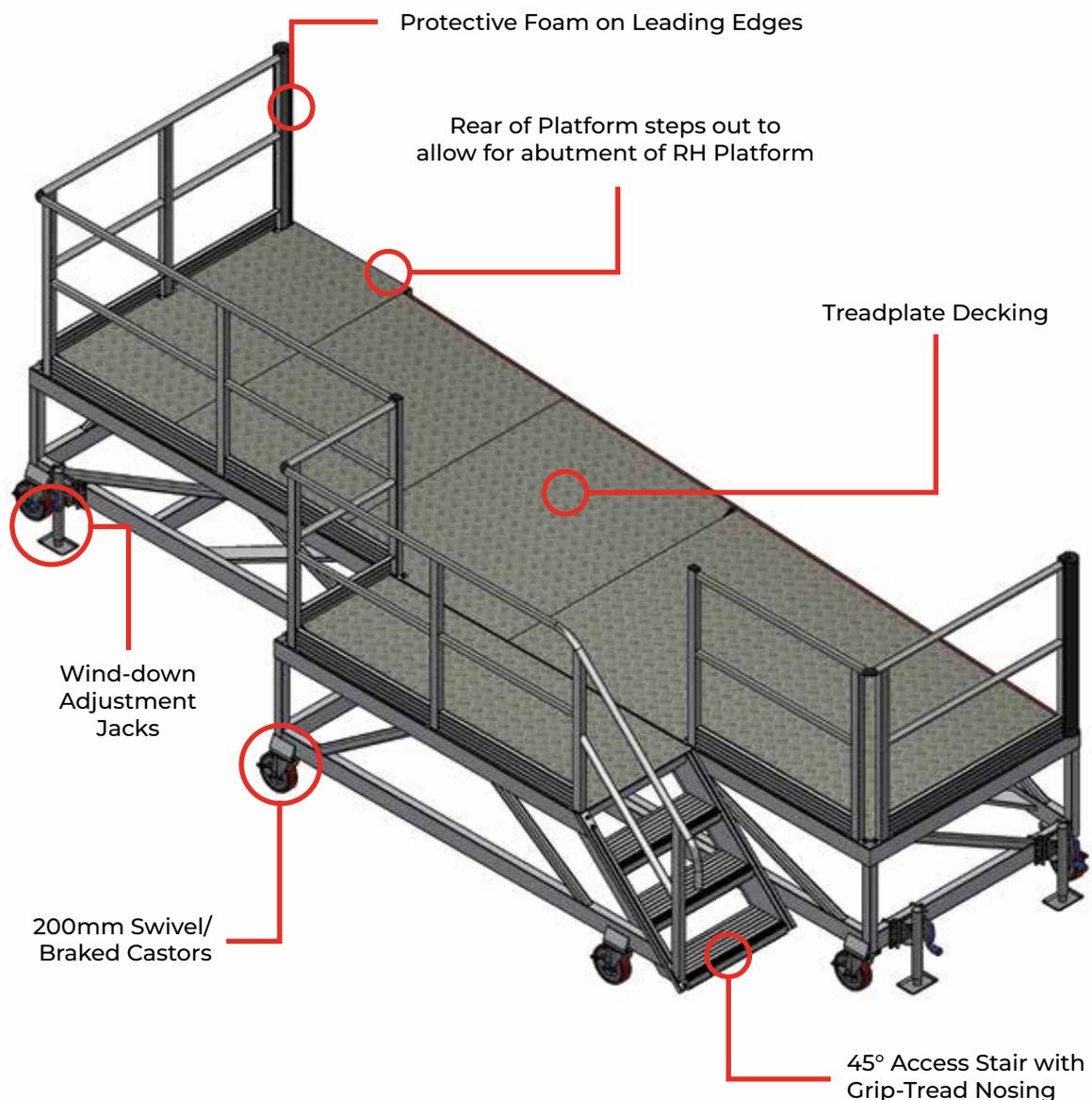




## AIRBUS H125

## TAIL AND BOOM COMBINATION STAND

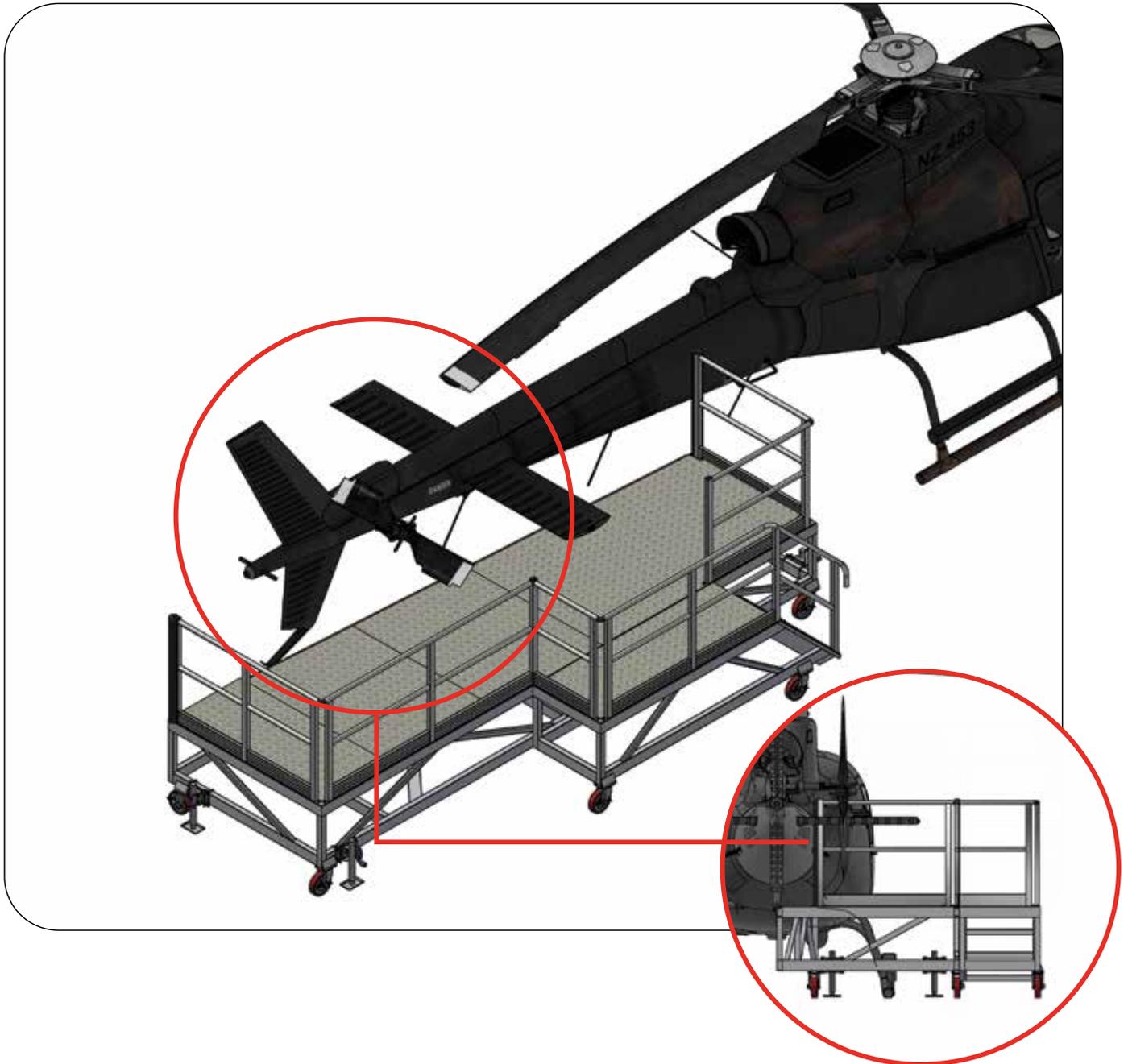
- › Designed to provide complete access to the tail boom and tail rotor for routine checks and maintenance.
- › Large working deck provides access for deeper levels of maintenance.
- › Stair access allows users to carry necessary tools and parts to and from the platform deck.
- › Designed as a LH/ RH 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.





# AIRBUS H125

## TAIL AND BOOM COMBINATION STAND

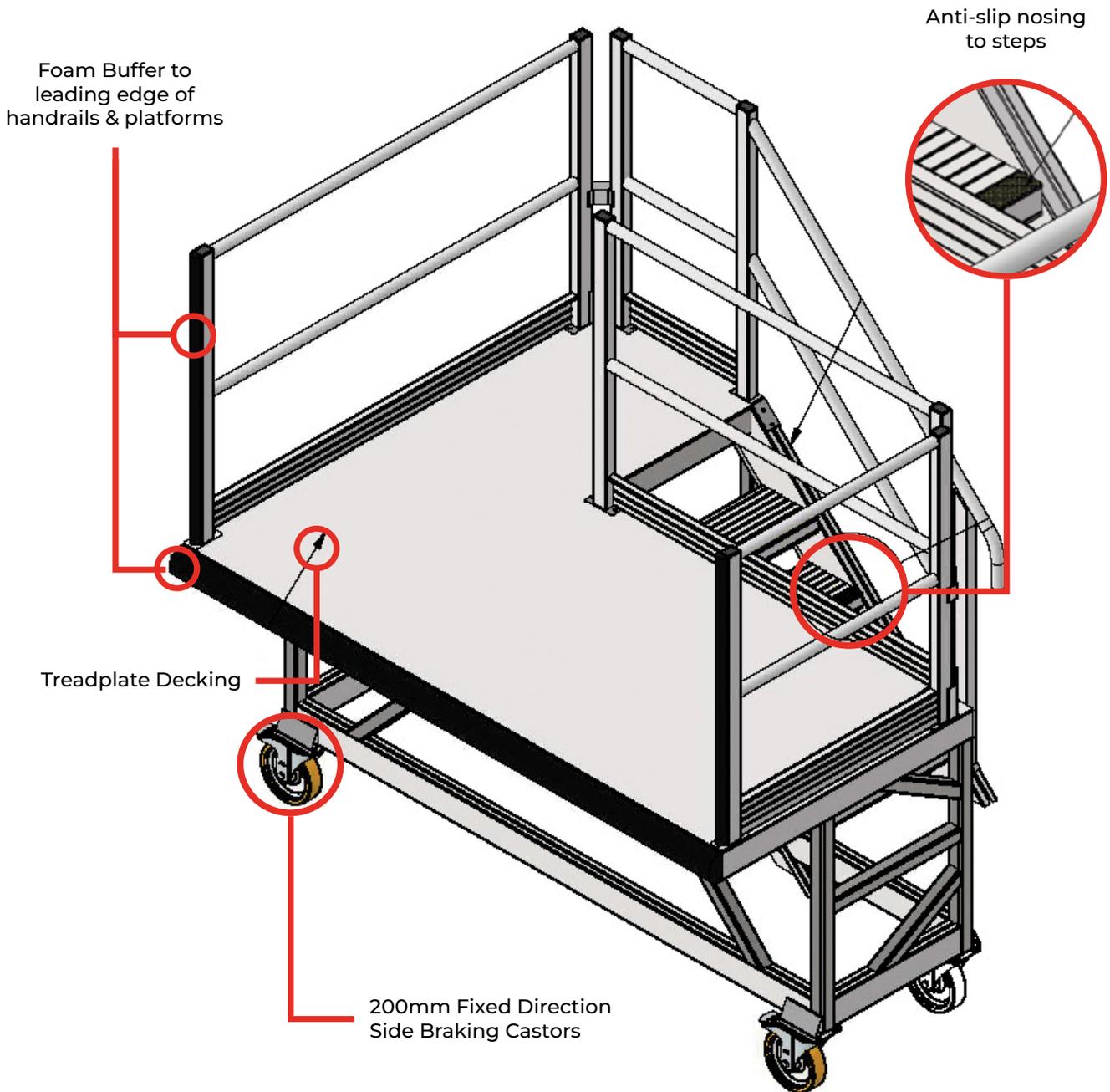




# AIRBUS H130

## FLIGHT LINE STAND

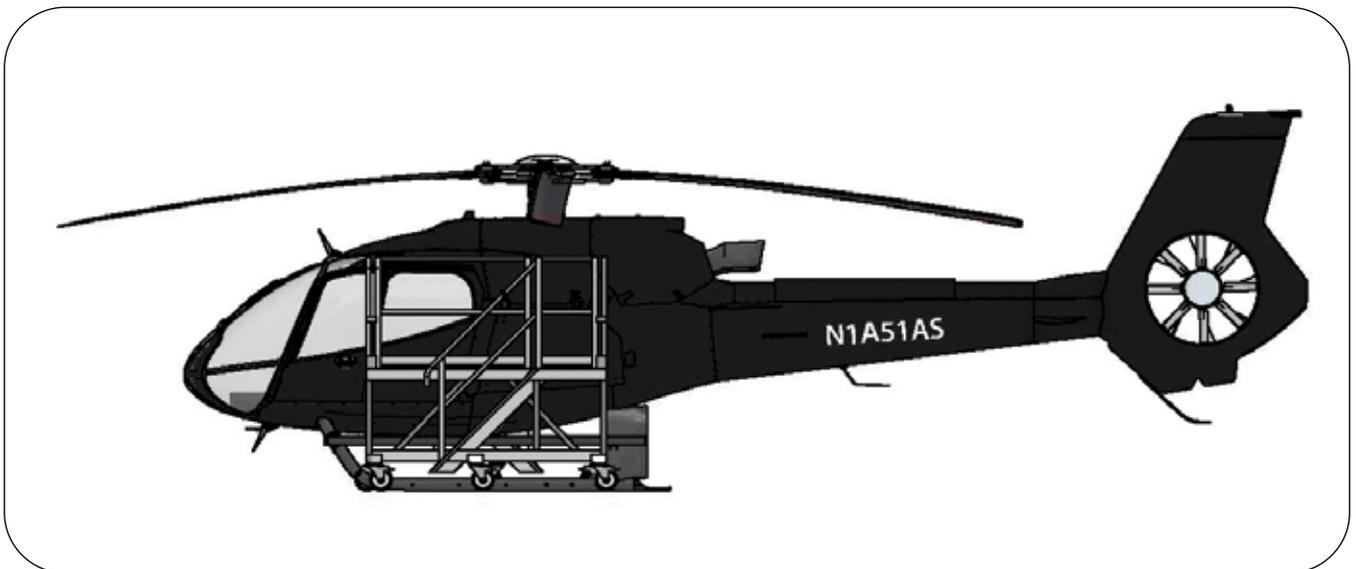
› Large cantilever to reach over aircraft mobile dolly and access the work area.





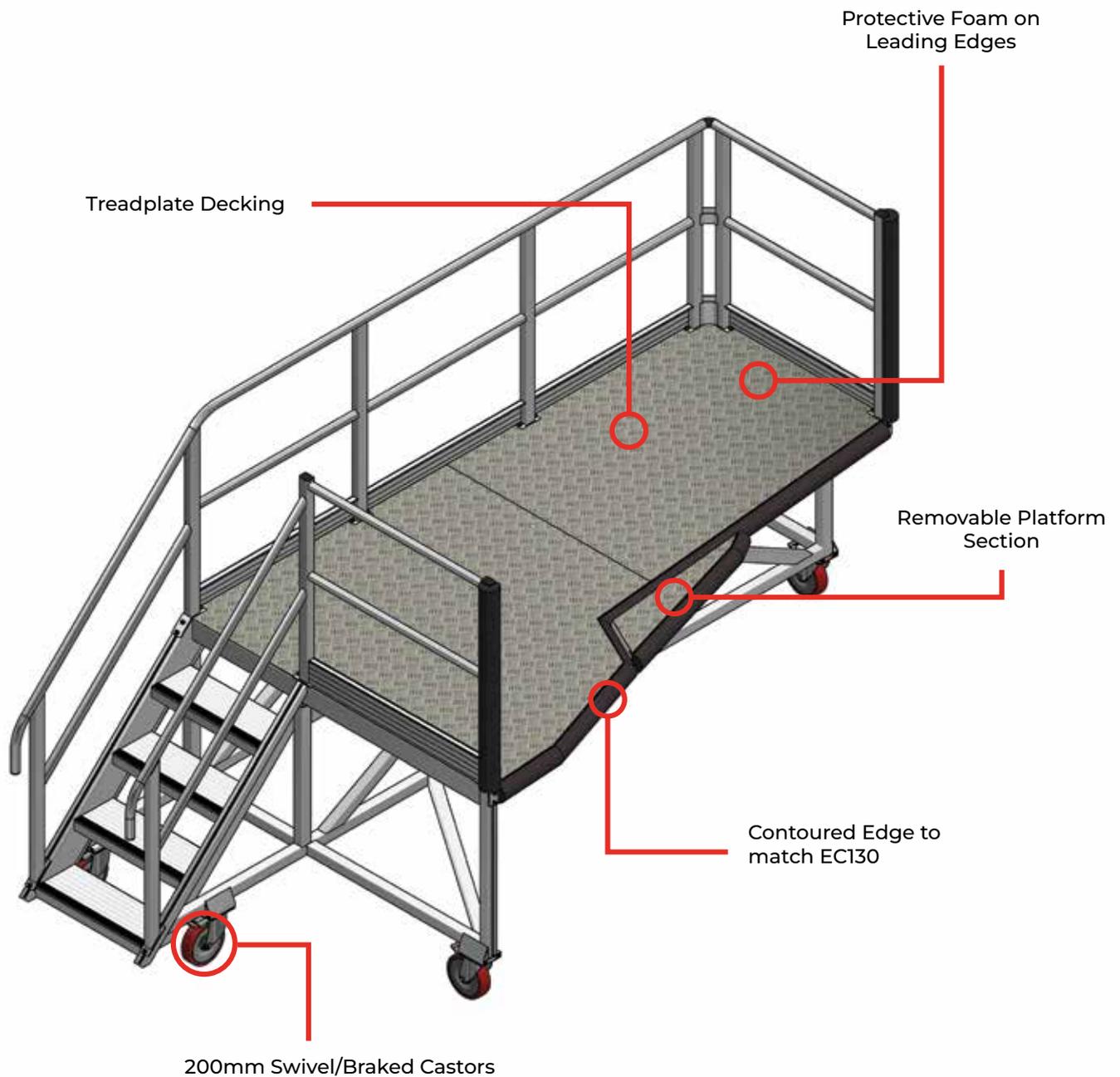
# AIRBUS H130

## FLIGHT LINE STAND



**AIRBUS H130****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.





## AIRBUS H130

### ***PROFILED SIDE ACCESS PLATFORM***

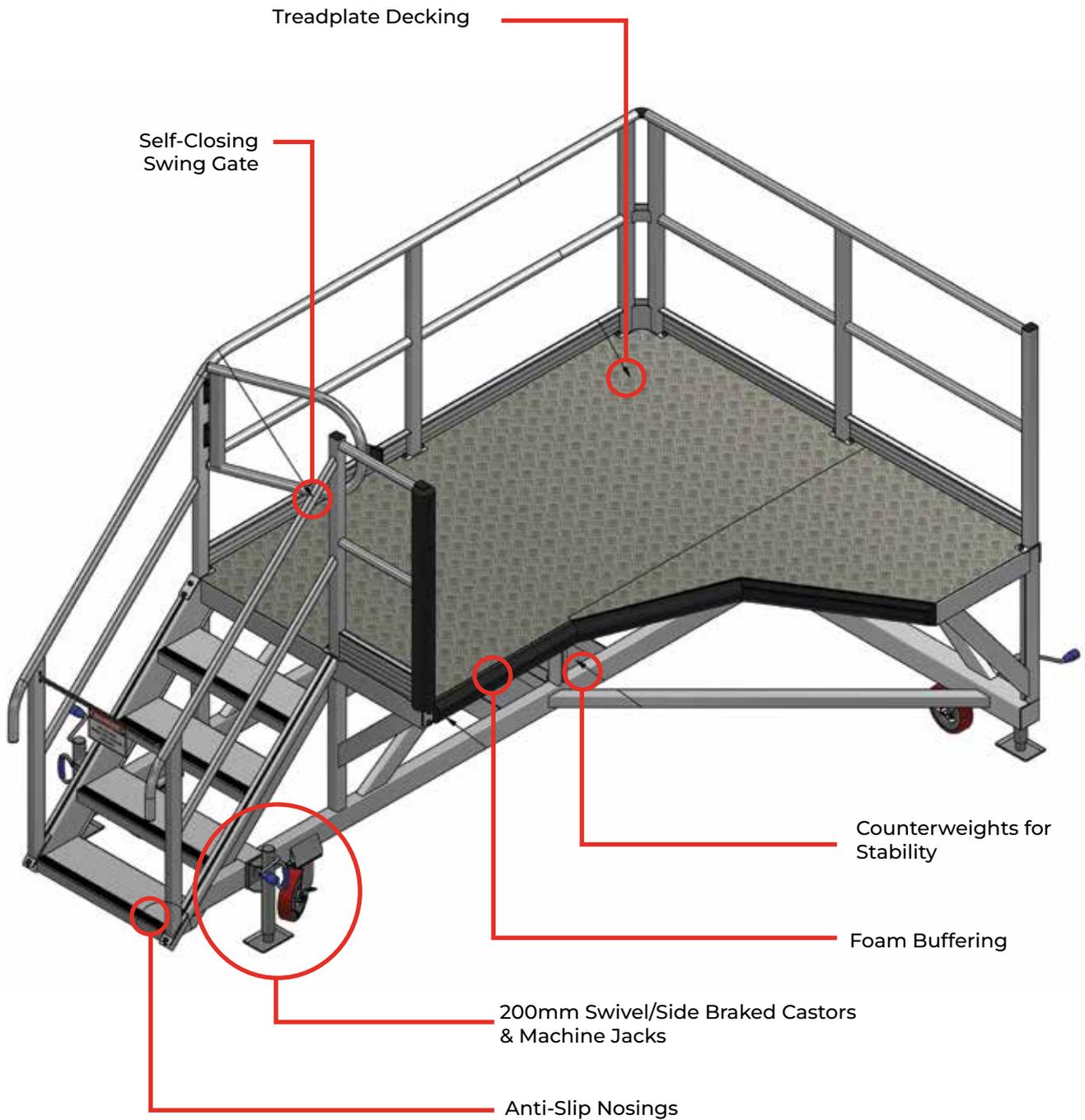




## AIRBUS H135

### NOSE ACCESS PLATFORM

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





## AIRBUS H135

### ***NOSE ACCESS PLATFORM***



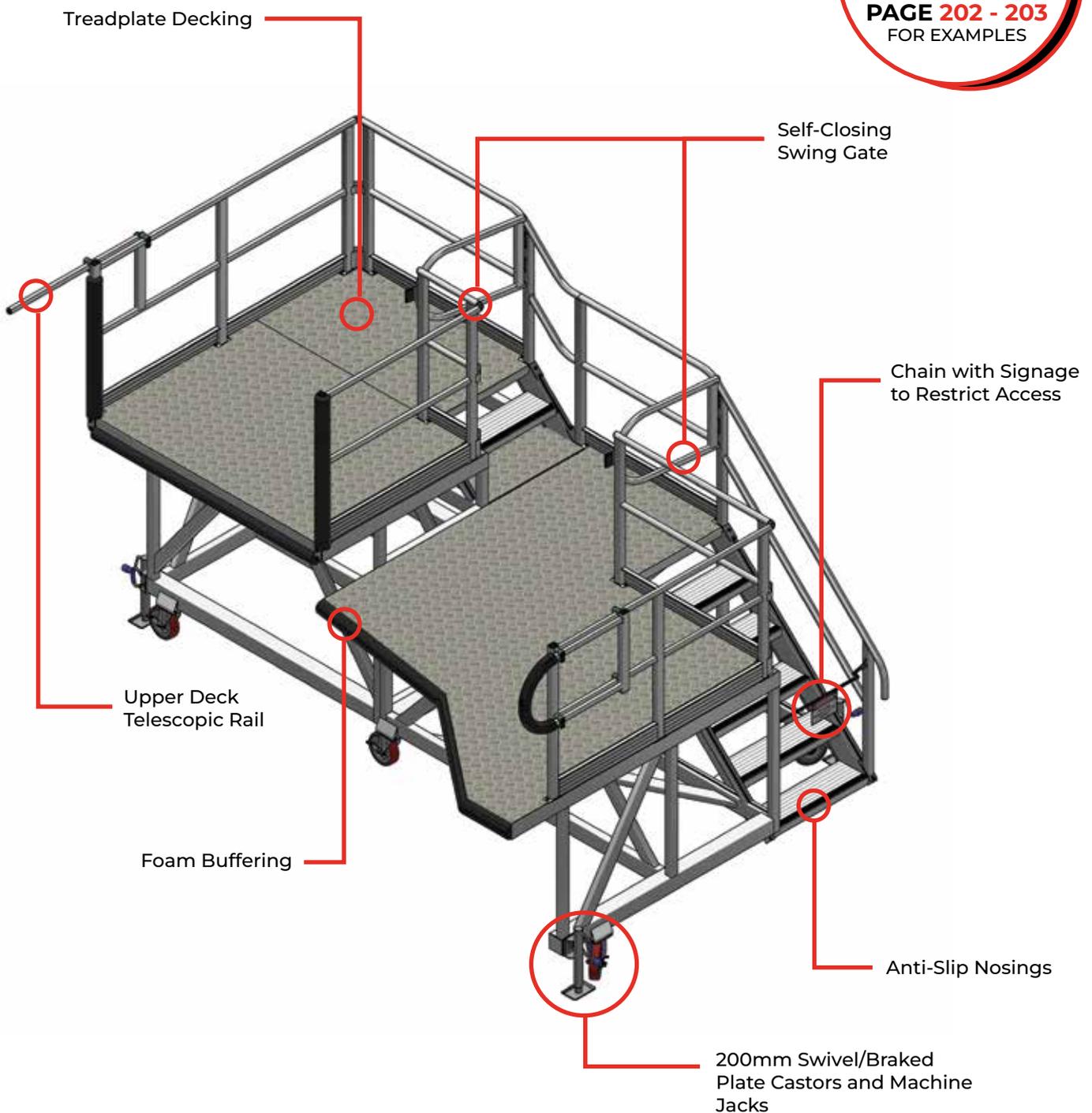


## AIRBUS H135

### 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.

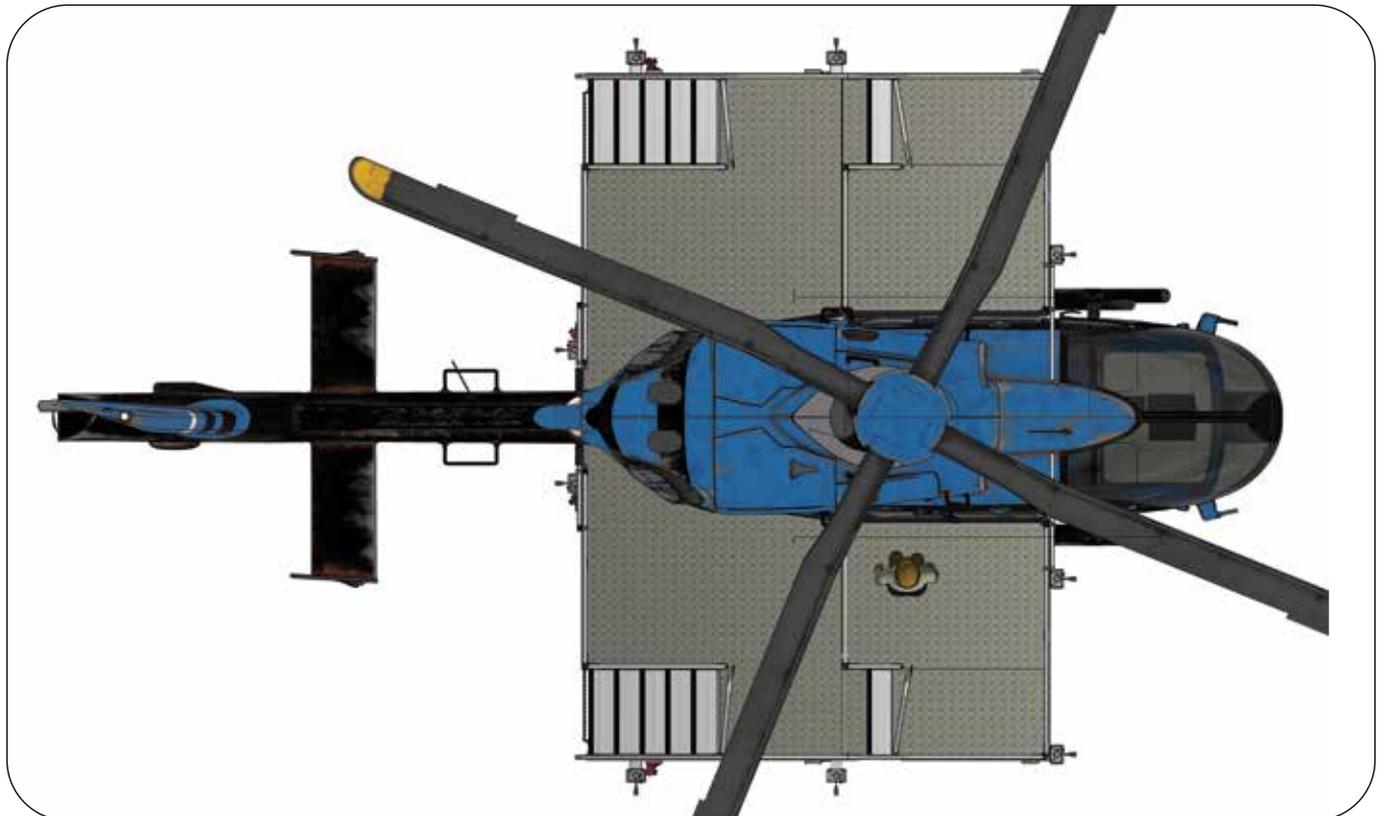
**ALSO SEE**  
**H145 DUAL-LEVEL**  
**PLATFORM**  
**PAGE 202 - 203**  
**FOR EXAMPLES**





## AIRBUS H135

### *SIDE ACCESS DOCKING PLATFORM*

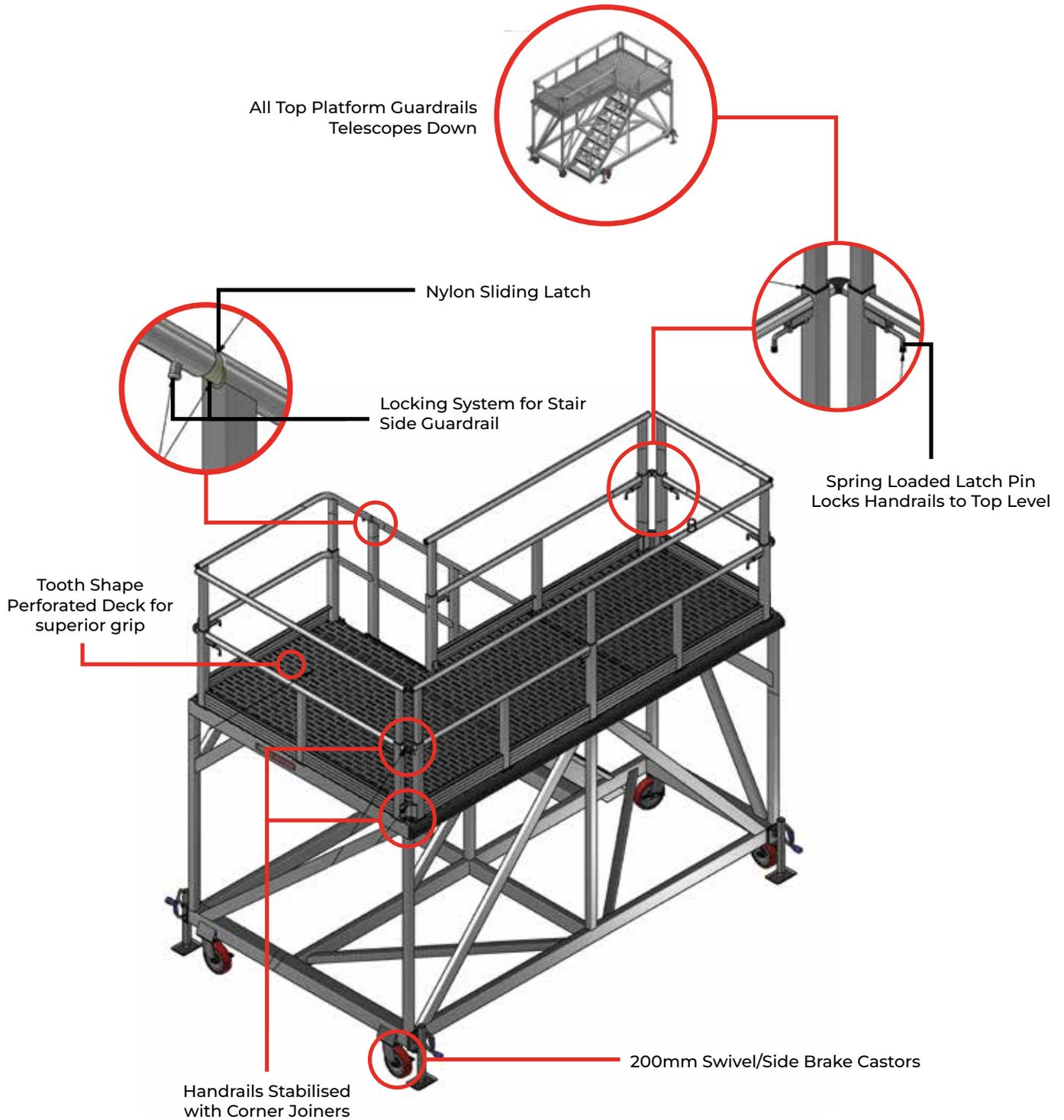




# AIRBUS H135

## BLADE WASH PLATFORM

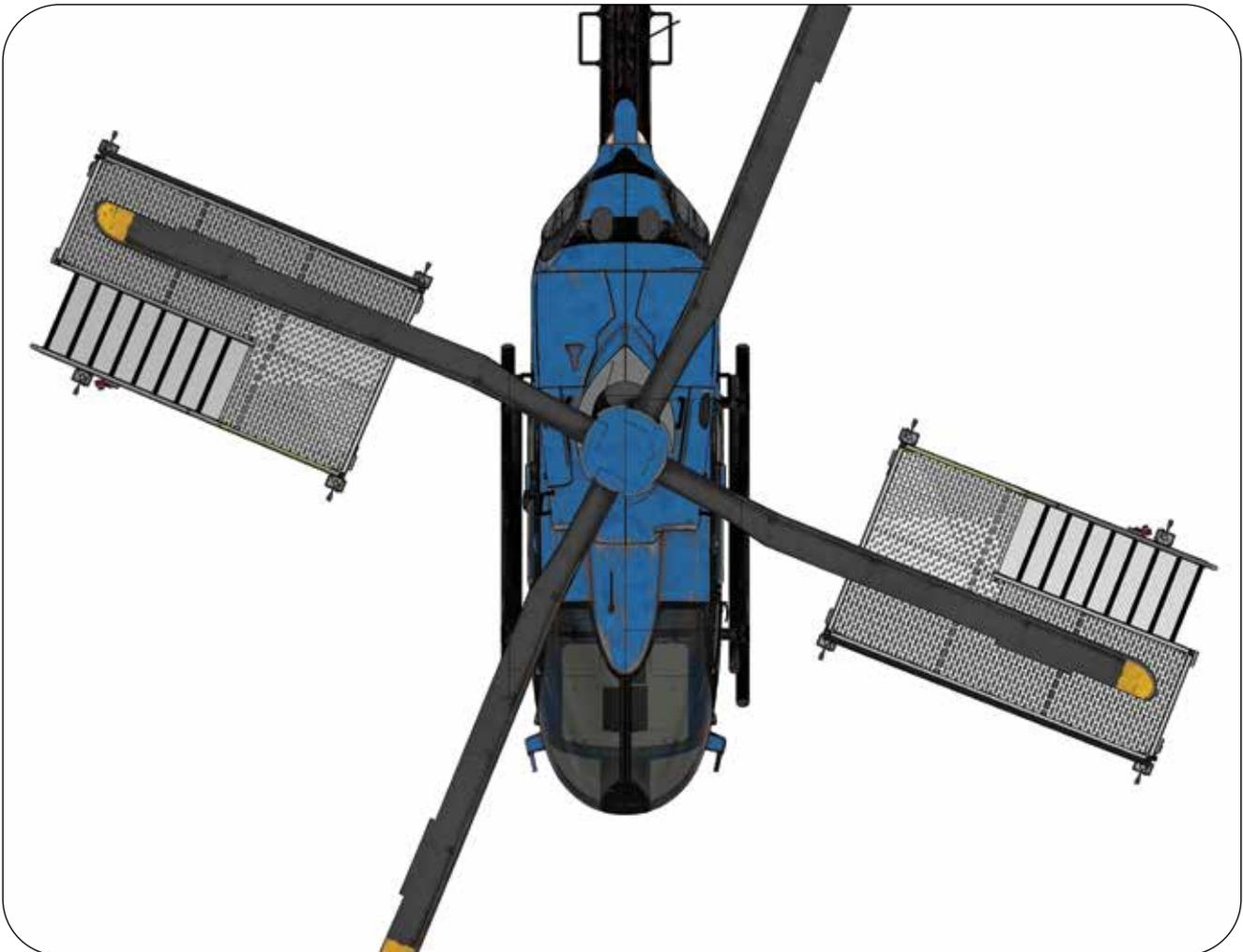
- › Provides access to the main tail rotor for cleaning.
- › Telescopic guardrails slide down to midrail height, ensuring no clash with the blades when positioning the stands for use.





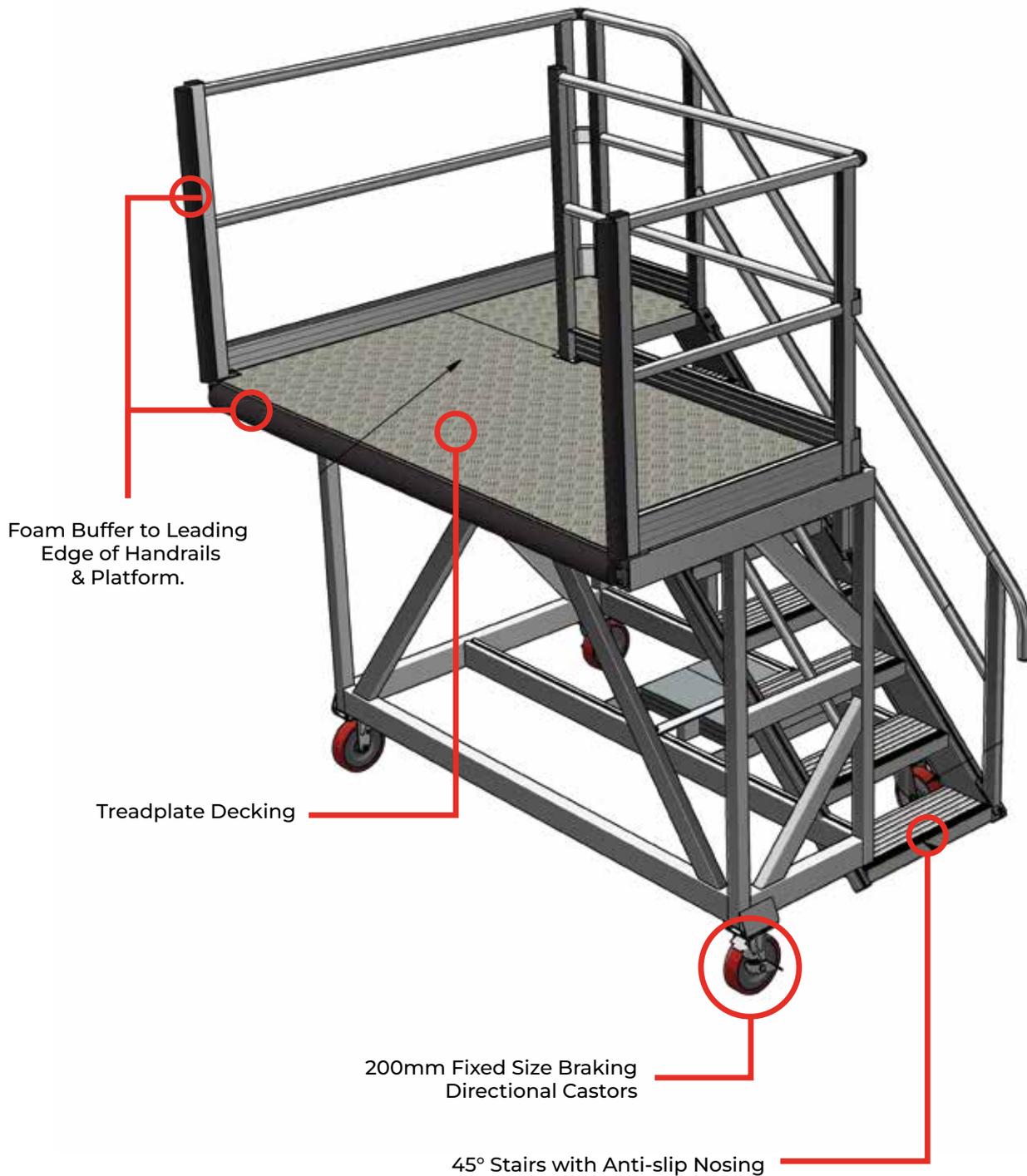
# AIRBUS H135

## ***TAIL BOOM REAR ROTOR STAND***



**AIRBUS H145****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.





# AIRBUS H145

## FLIGHT LINE STAND

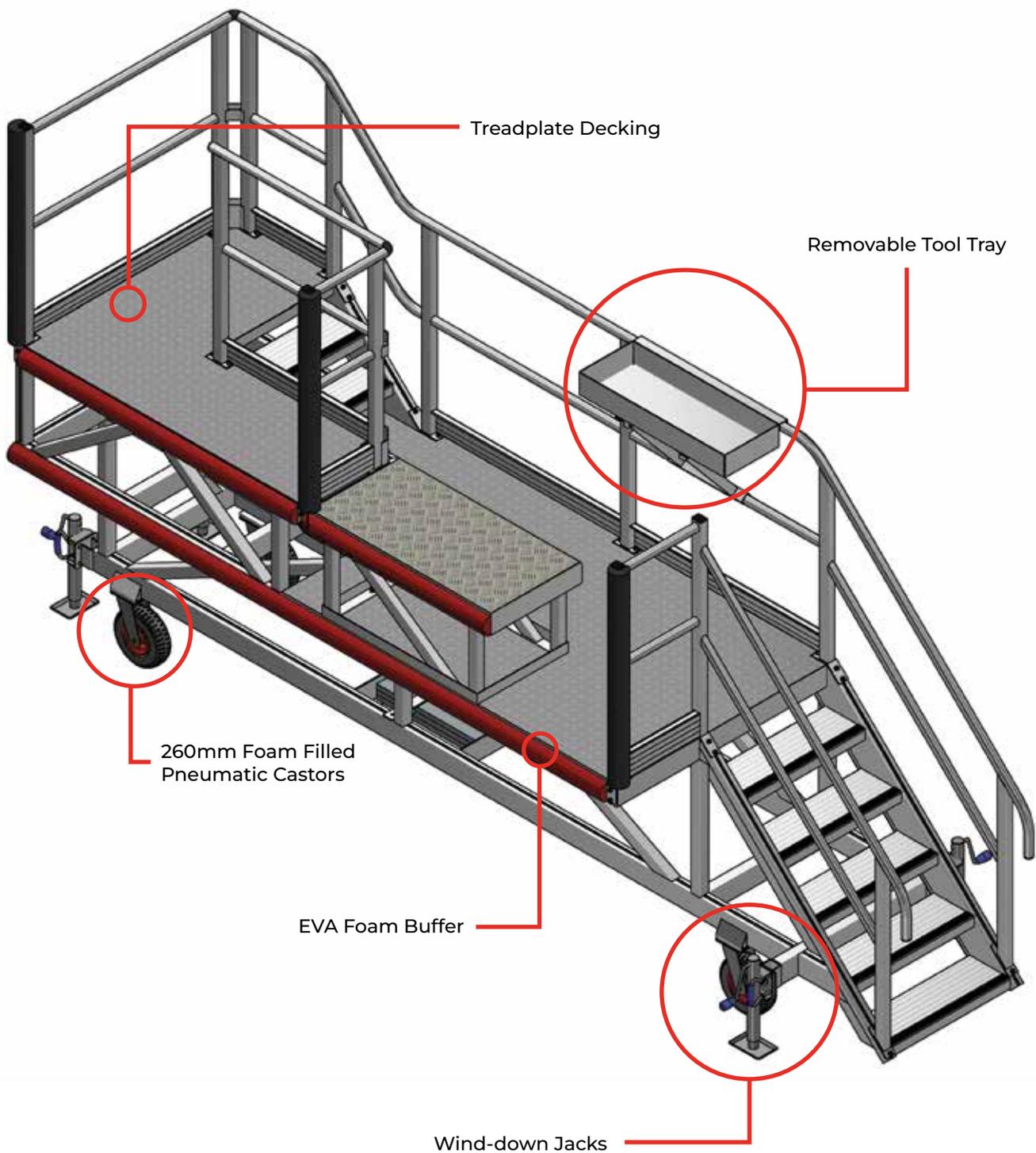




## AIRBUS H145

**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.





# AIRBUS H145

## DUAL-LEVEL SIDE PLATFORM

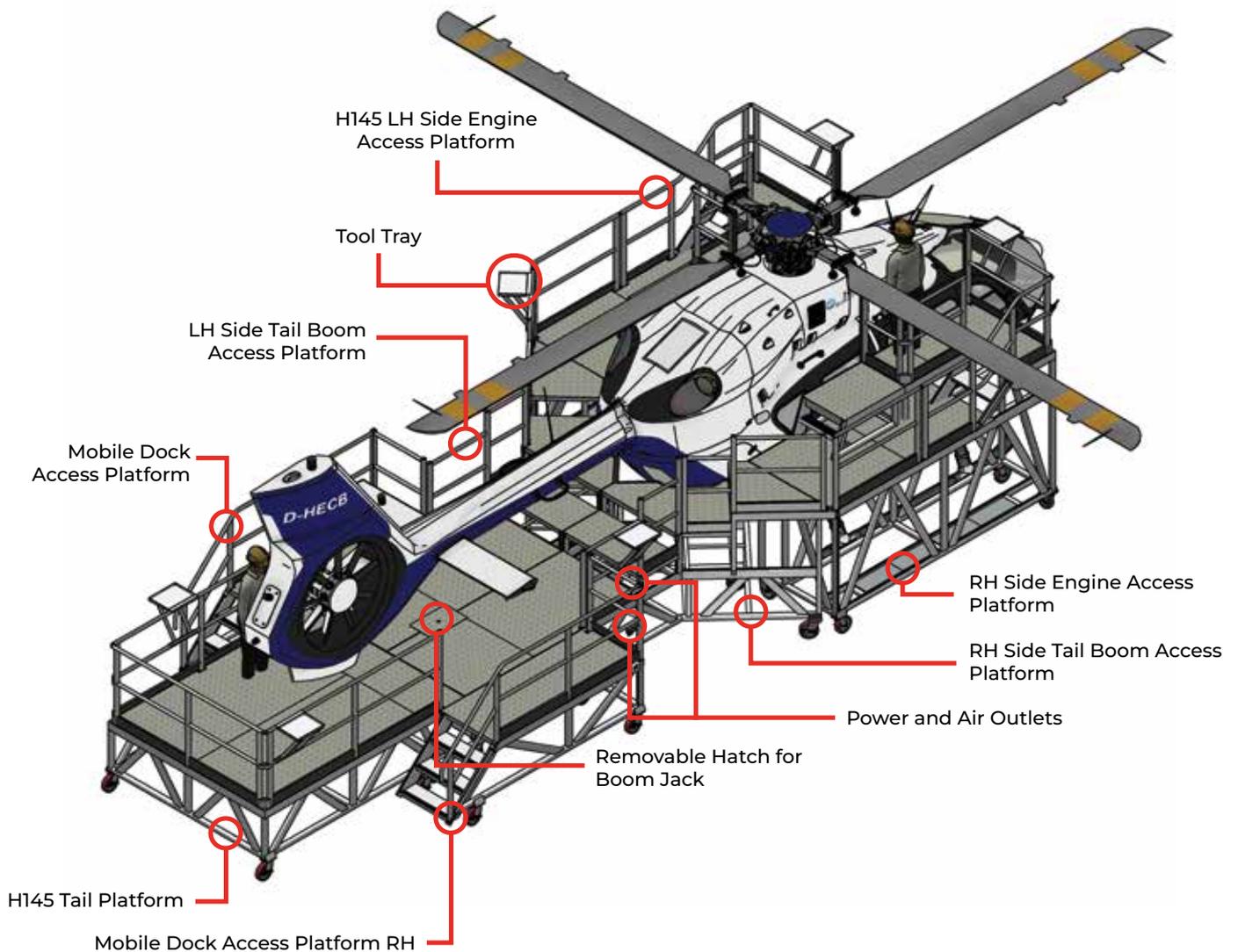




## AIRBUS H145

**FULL SURROUND DOCK**

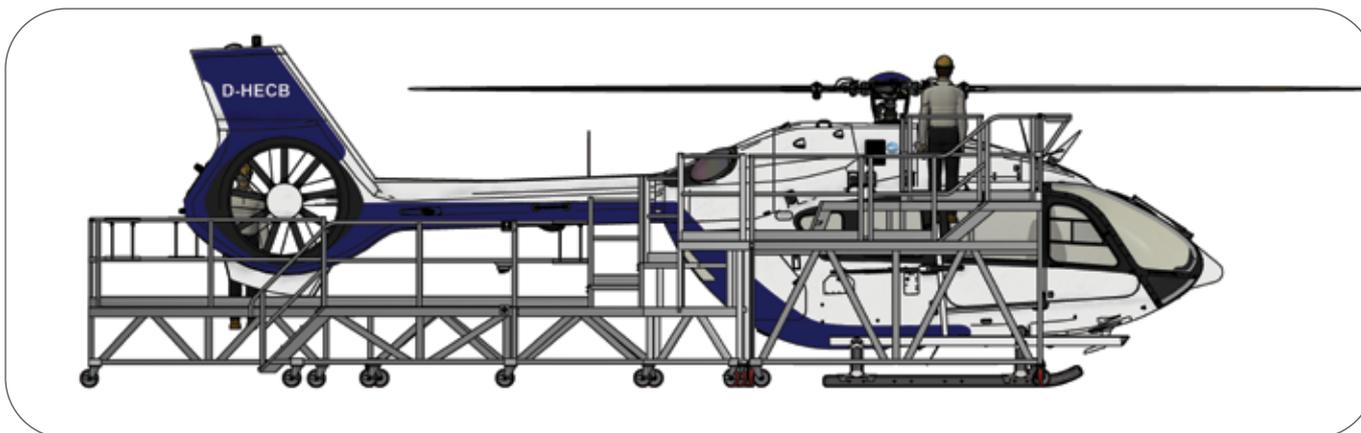
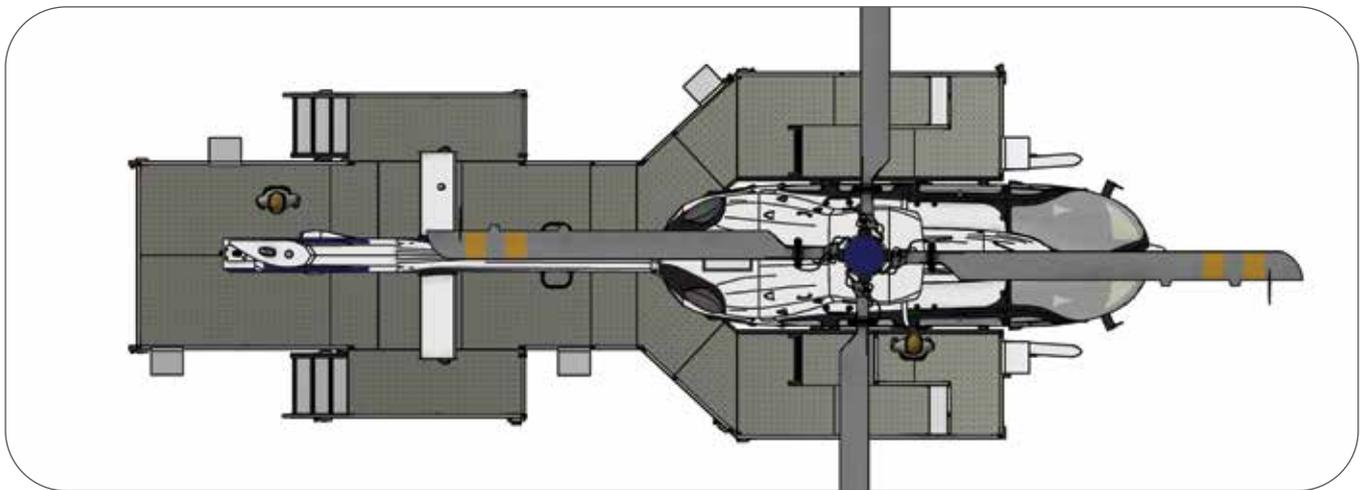
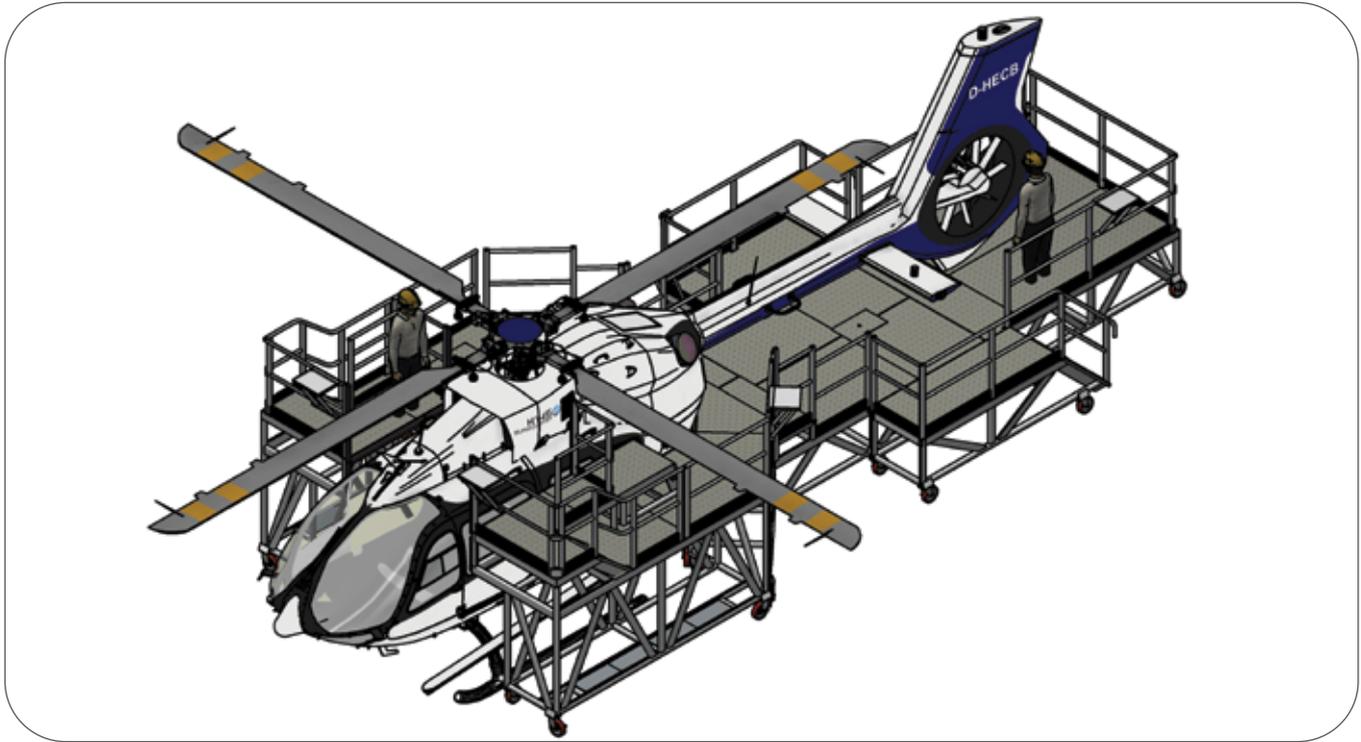
- › Complete dock set, allows uninterrupted access to all maintenance areas at height on the aircraft.
- › Comes with options for power outlets, compressed air outlets and laptop stands.
- › Stair access allows easy access across the dock, between areas of maintenance.





# AIRBUS H145

## FULL SURROUND DOCK

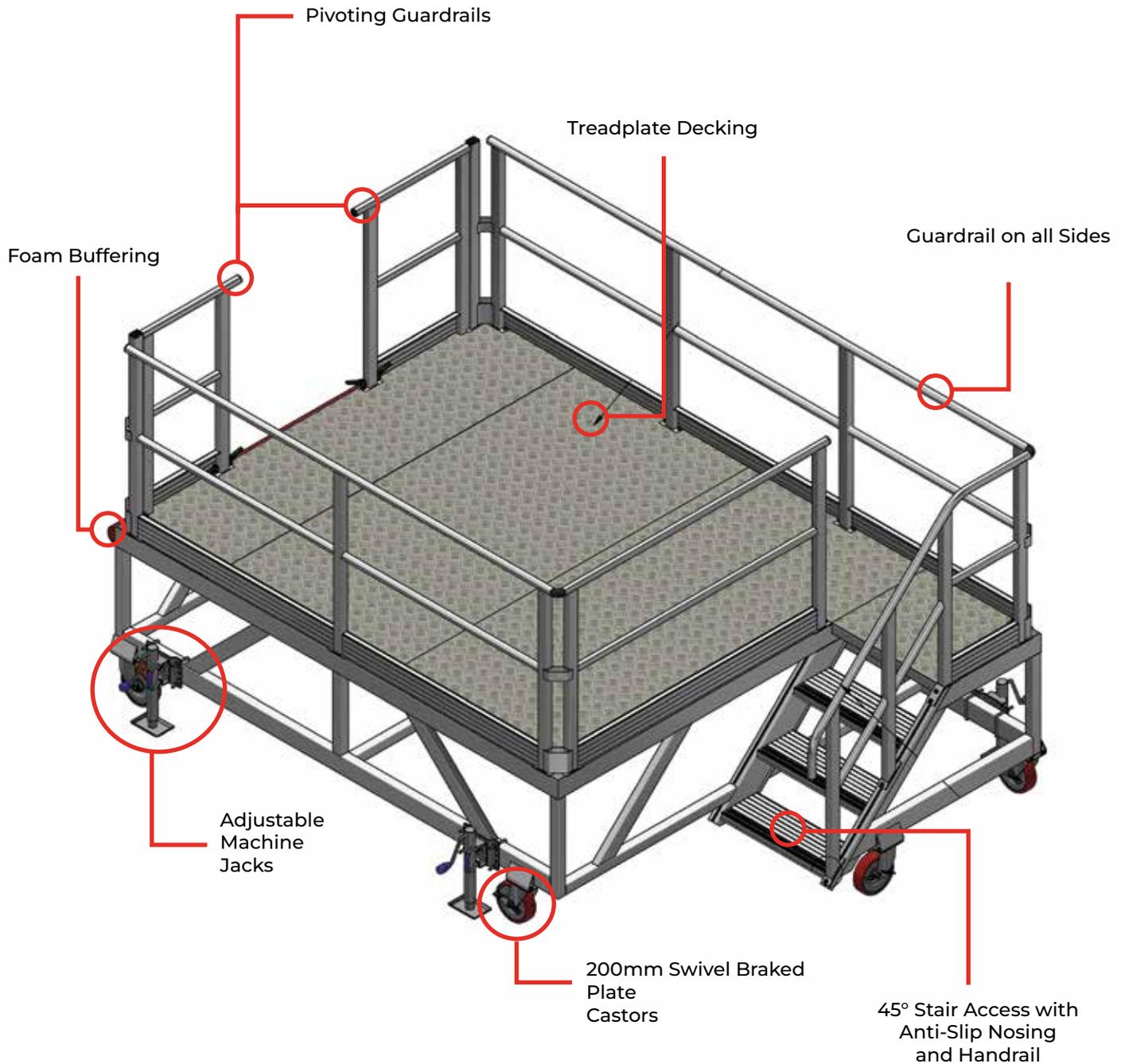




## AIRBUS H145

**TAIL ACCESS STAND**

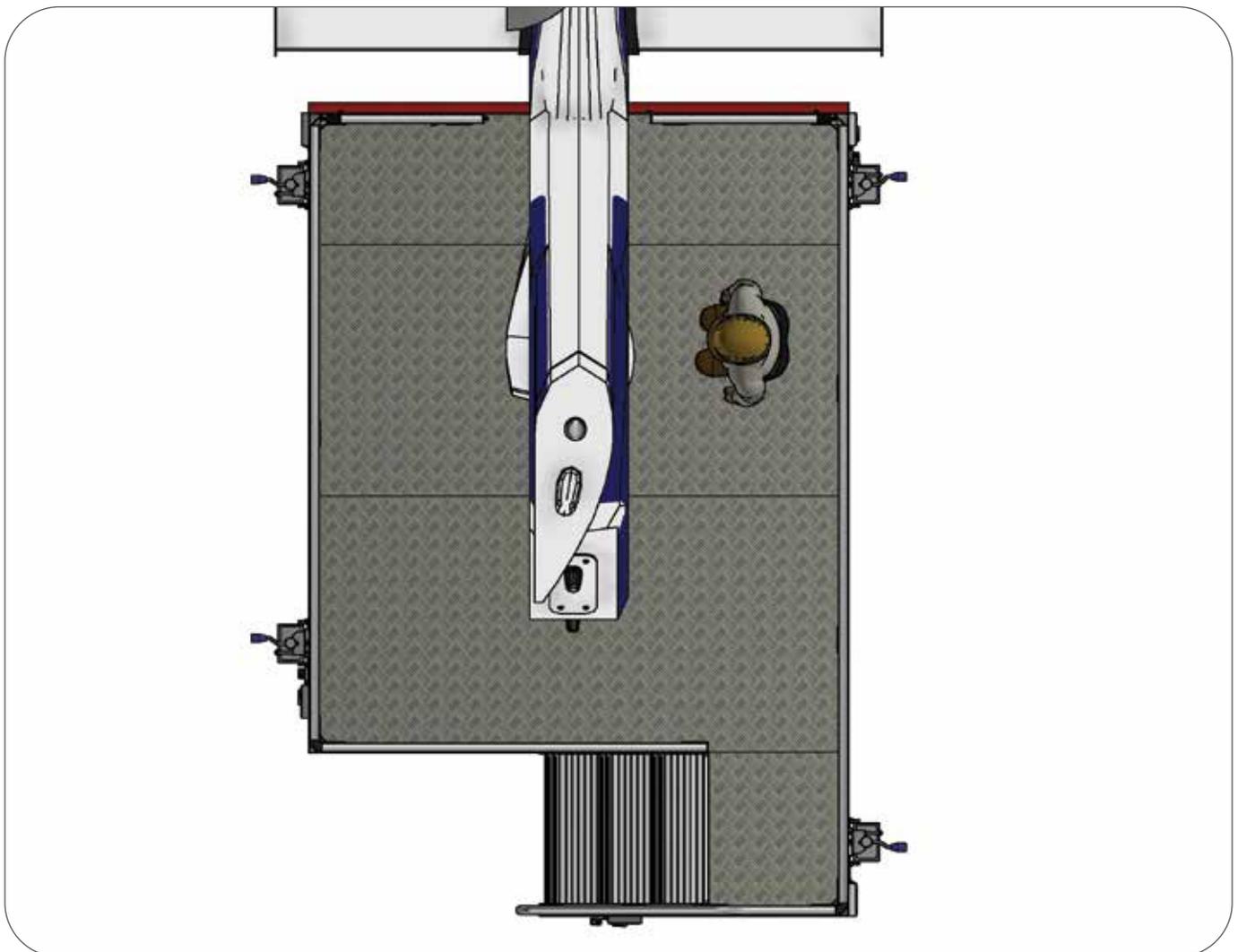
- › Extra large platform deck allows access to the complete tail, including the fenestron and lights on the top of the tail.
- › Mobile on castors allowing easy manoeuvring around the Hangar.
- › Pivoting guardrails on the leading edge of the platform allows easy placement and close the gap to the aircraft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





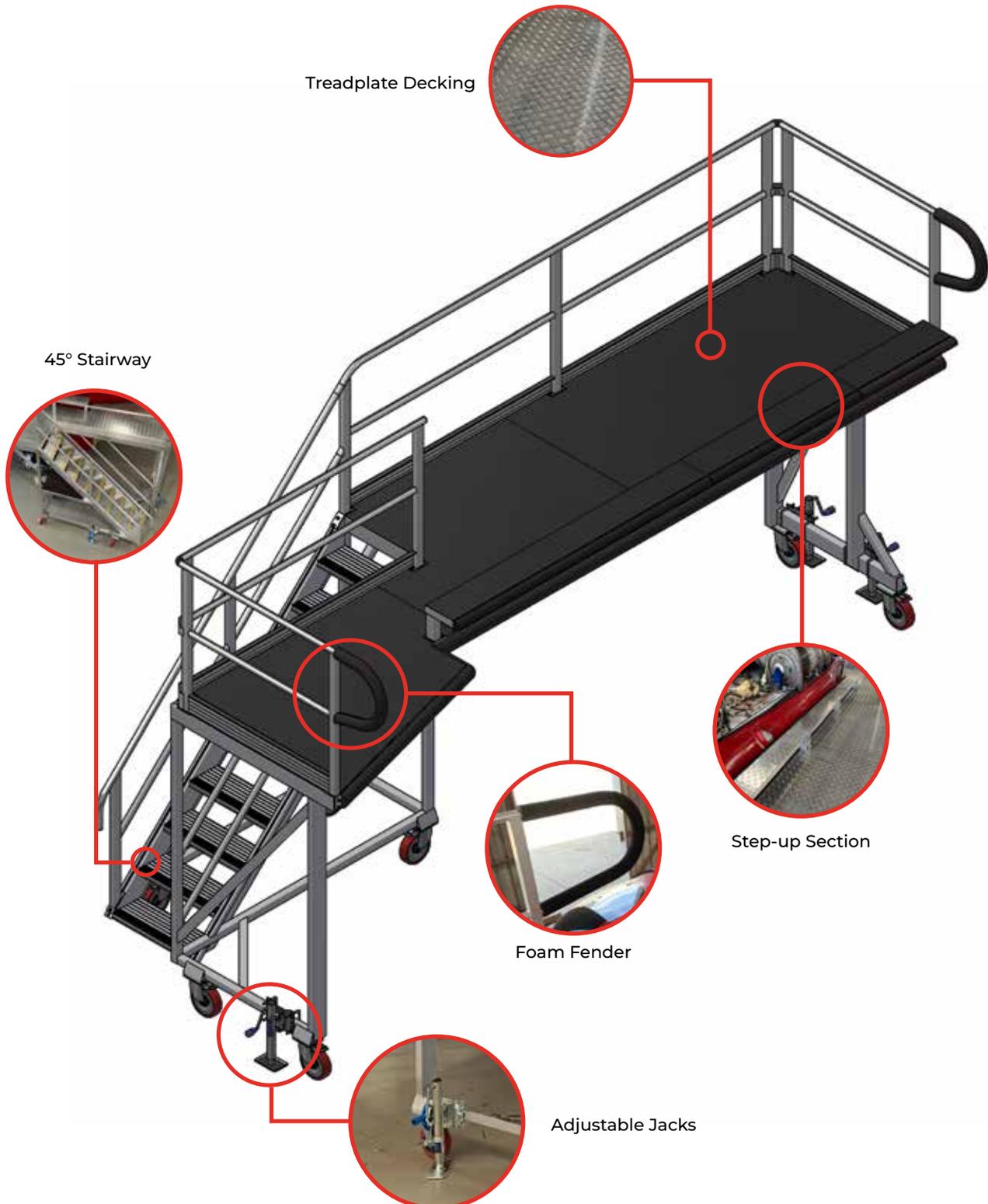
# AIRBUS H145

## **TAIL ACCESS STAND**



**AIRBUS H160*****SIDE ACCESS STAND***

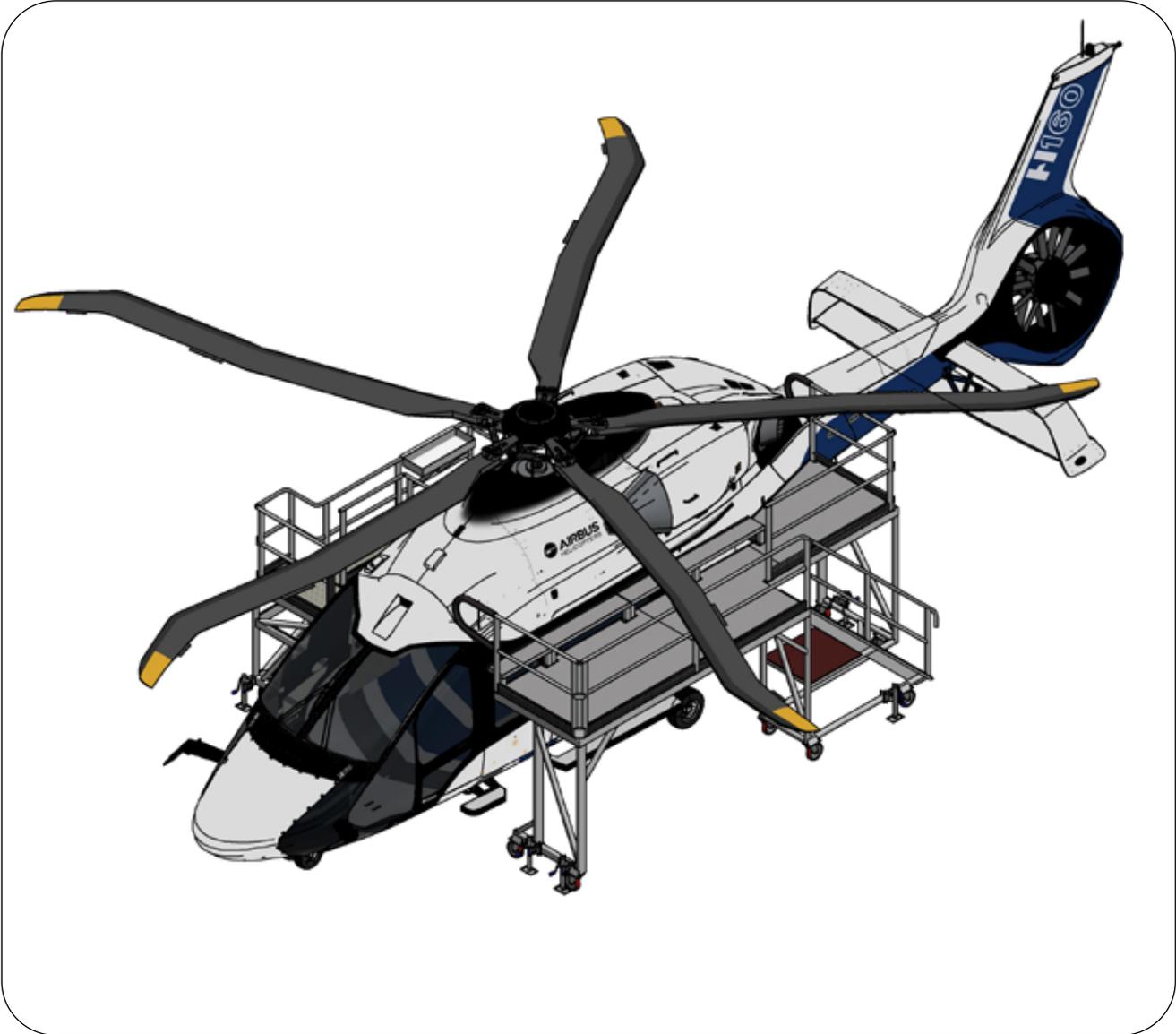
- › These stands are ideal for heavy maintenance on the H160. They are large enough to provide all required access to the aircraft for heavy maintenance, but still manoeuvrable enough to relocate around small hangars.
- › Small step-up sections cantilever over the side doors, allowing the doors to be 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.





# AIRBUS H160

## SIDE ACCESS STAND



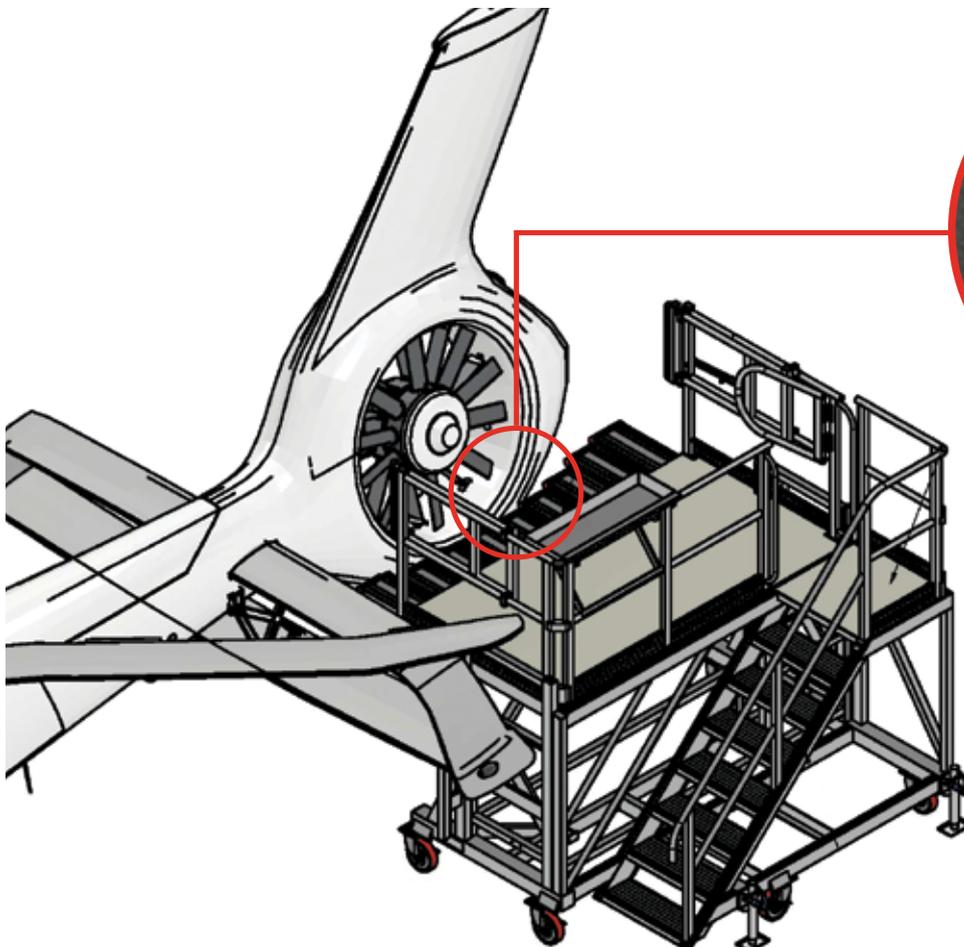
**AIRBUS H160**

## **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  
MULTI-PURPOSE  
ADJUSTABLE  
MAINTENANCE  
PLATFORM**

**PAGE 246 - 247  
FOR EXAMPLES**



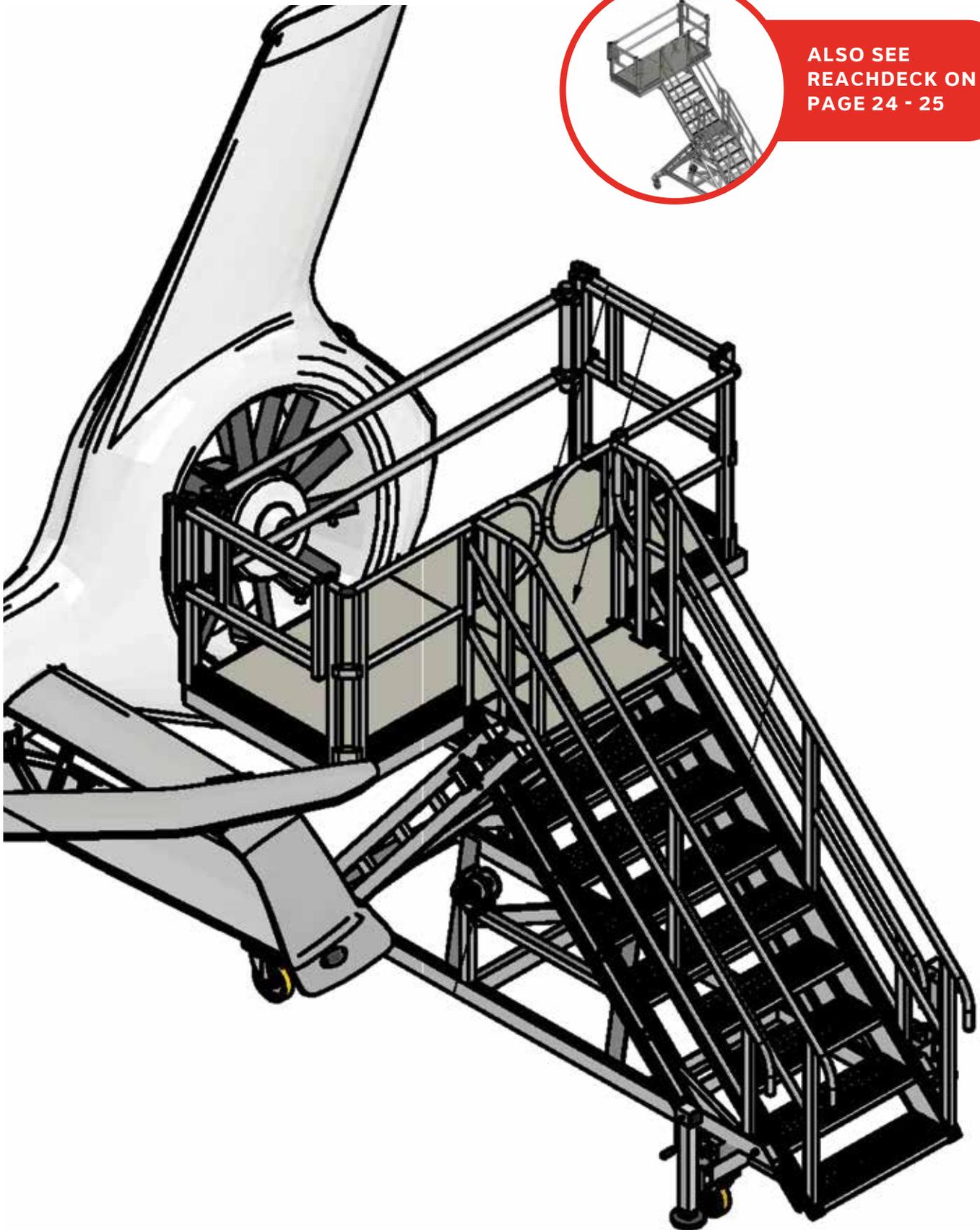


## AIRBUS H160

# GENERAL PURPOSE MAINTENANCE PLATFORM



ALSO SEE  
REACHDECK ON  
PAGE 24 - 25

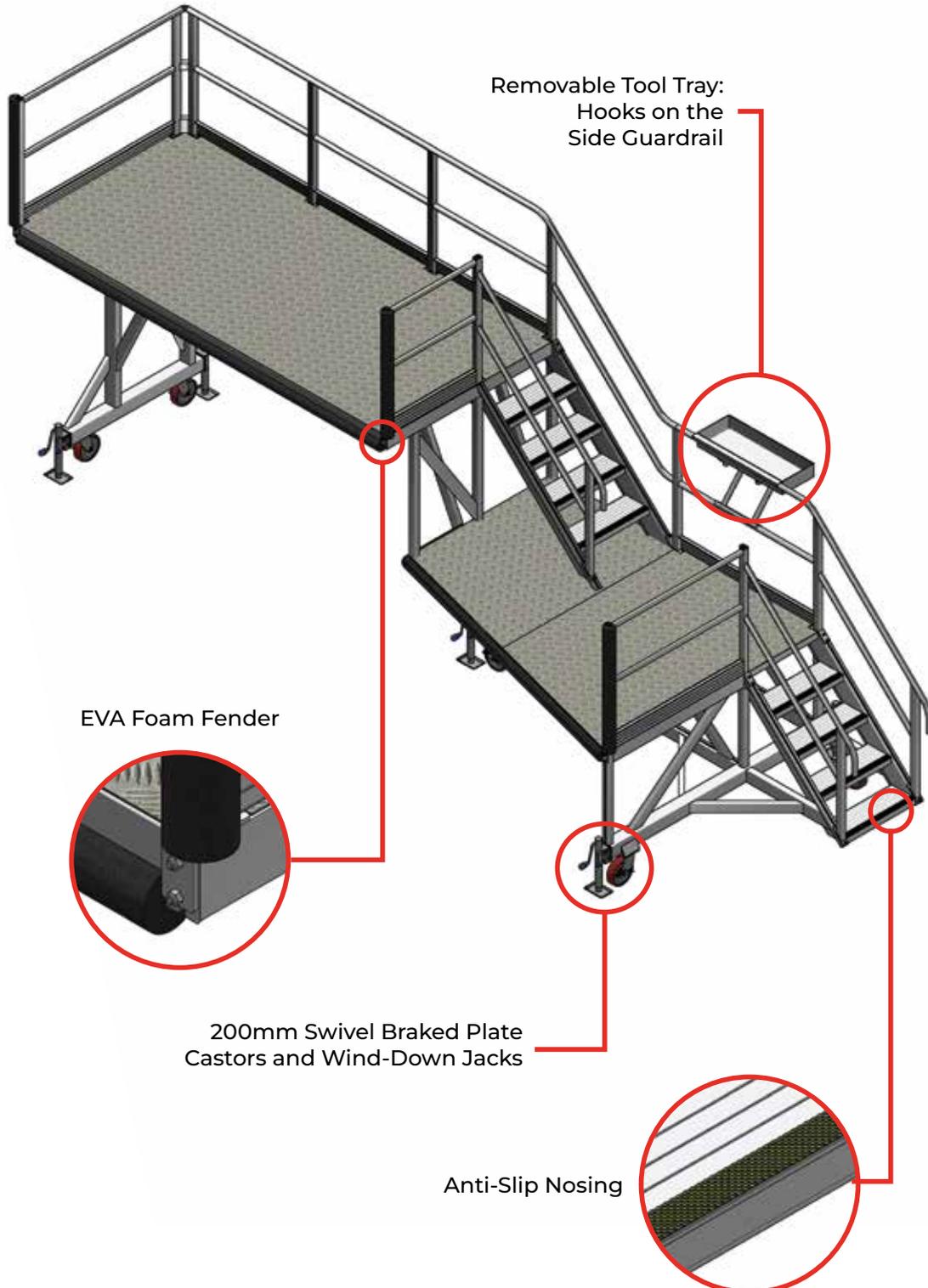




## AIRBUS H175

### SIDE ACCESS PLATFORMS

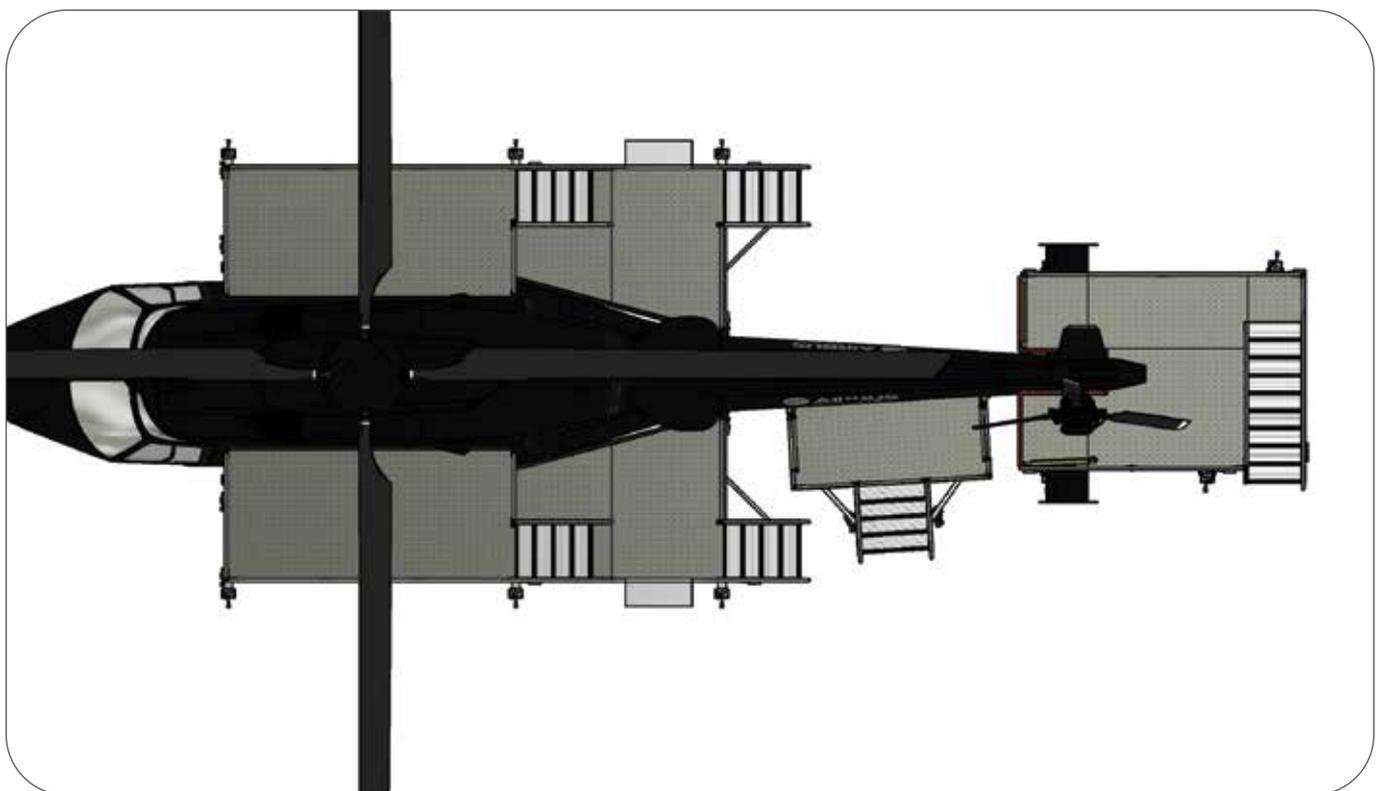
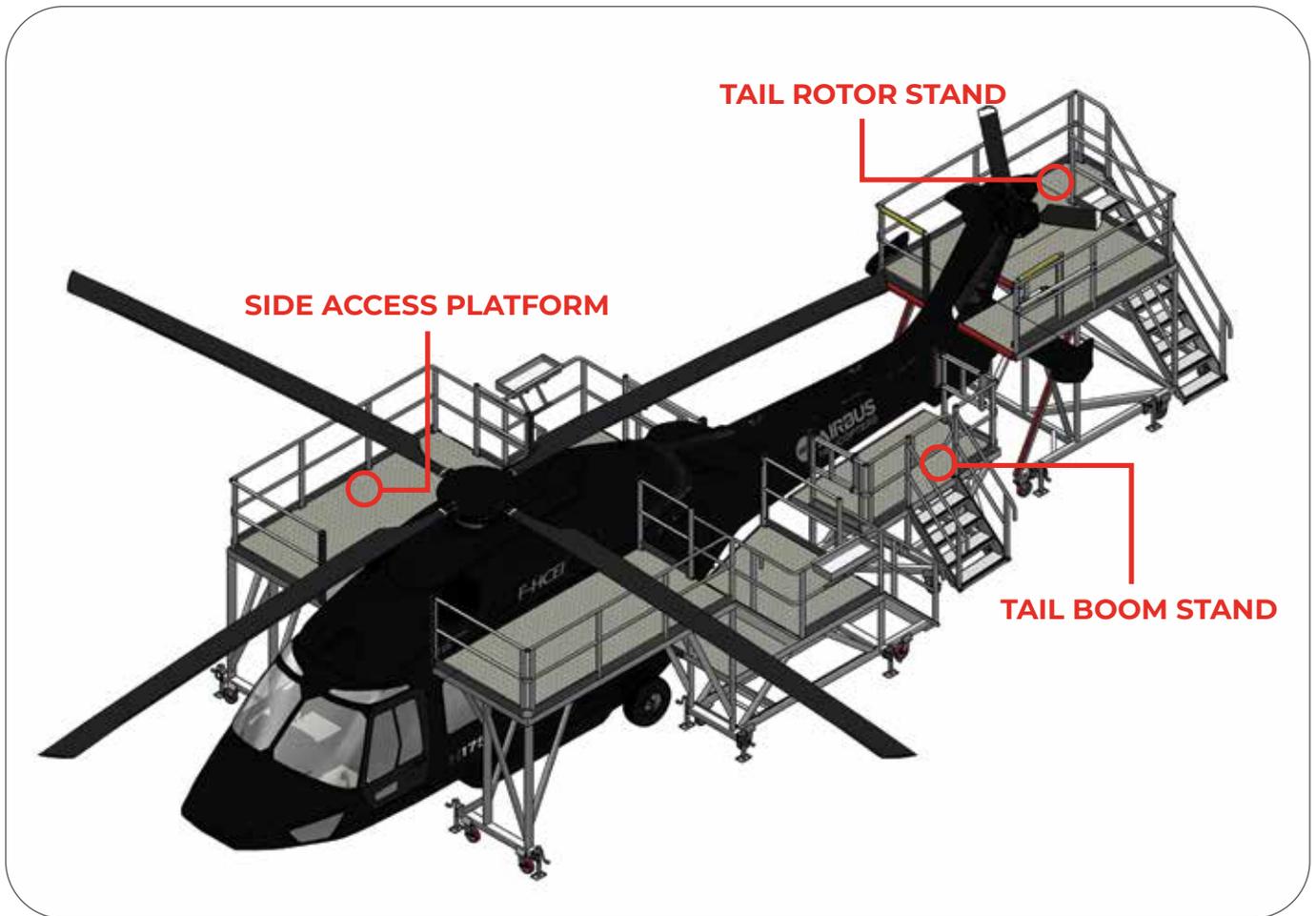
- › Ideal for heavy maintenance, where extra room is required.
- › Dual height provides access to the main rotor and engine area.
- › Stair access allows the user to carry tools to/from the work area.





# AIRBUS H175

## PLATFORM SET

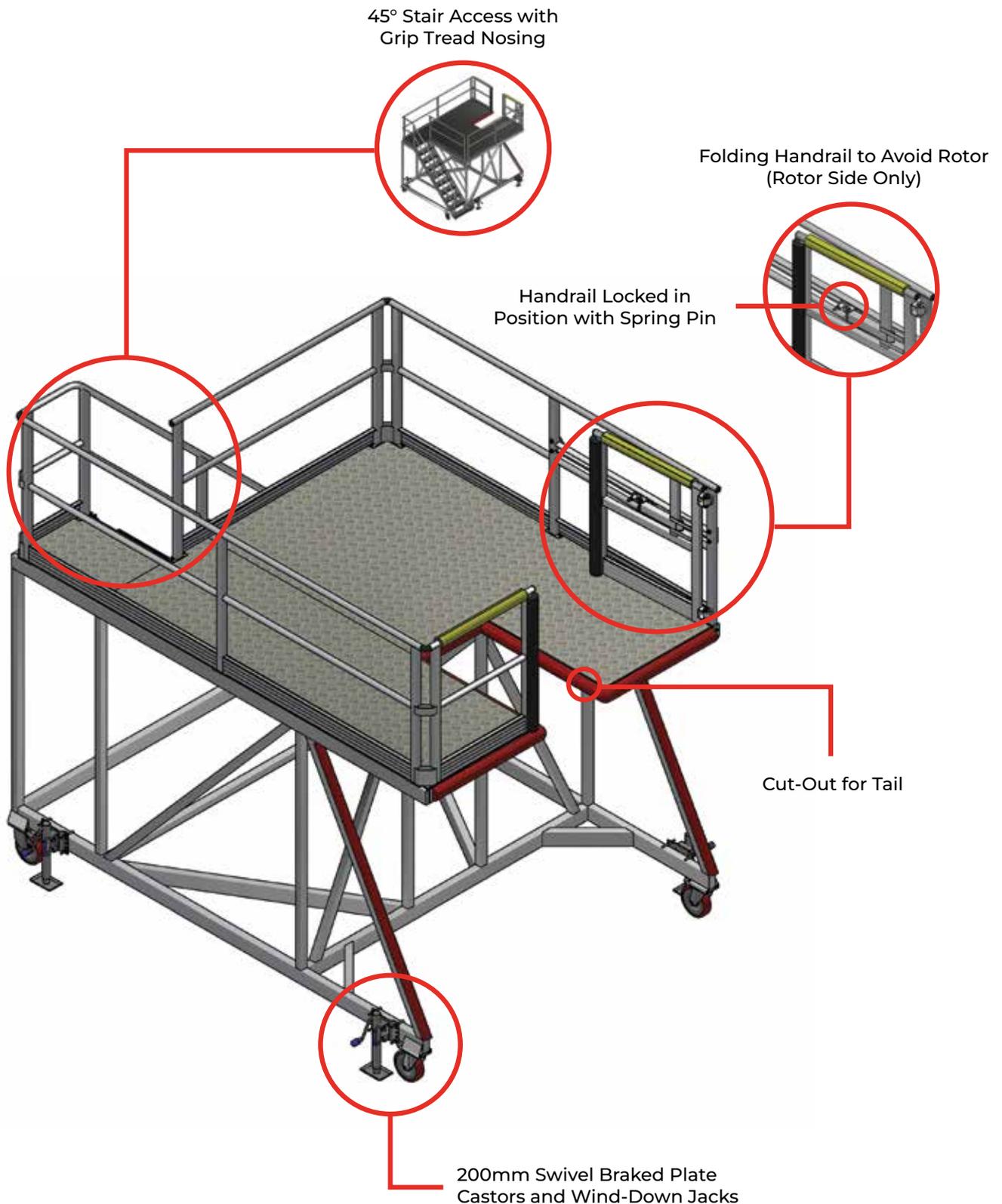




## AIRBUS H175

**TAIL ACCESS PLATFORM**

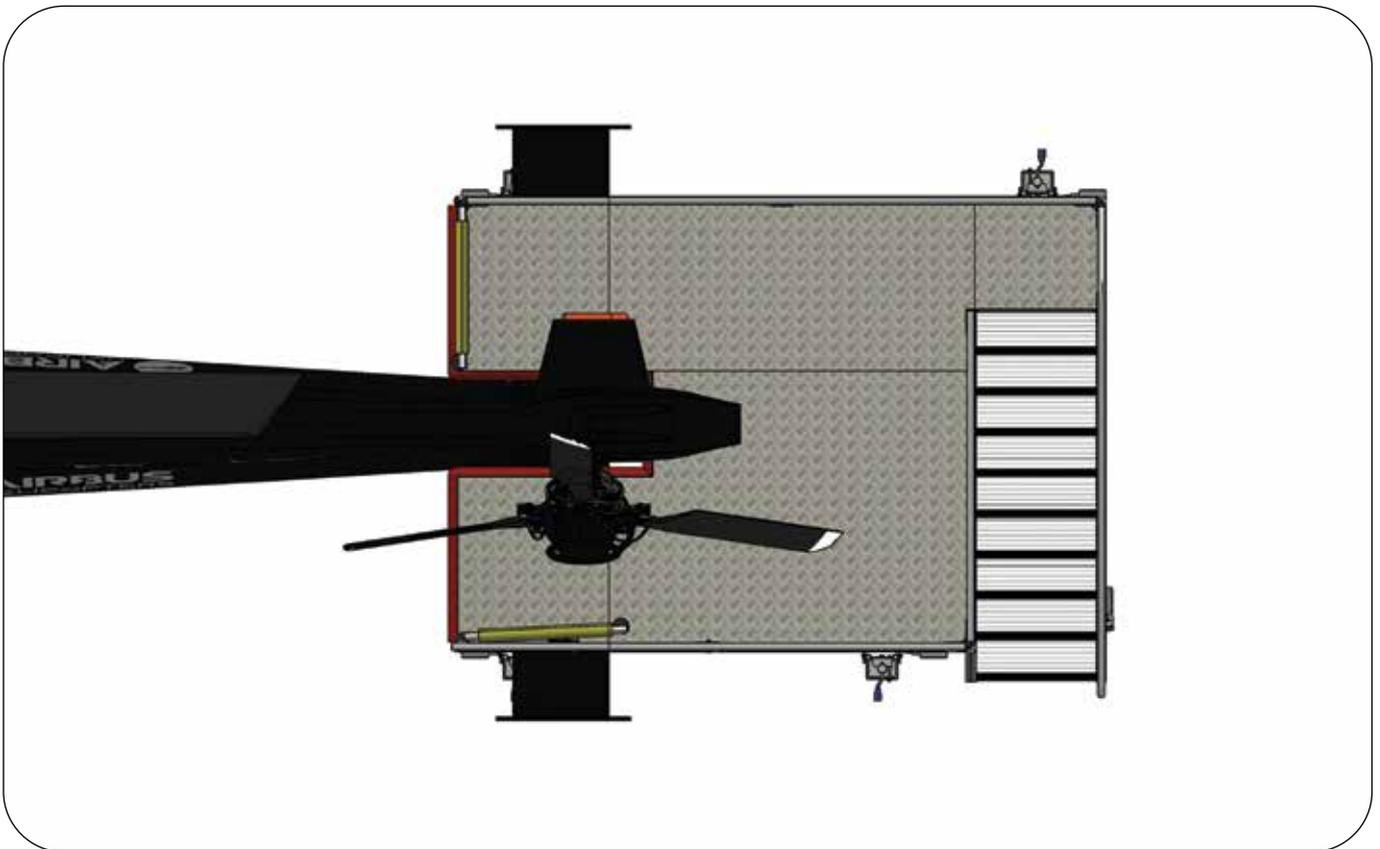
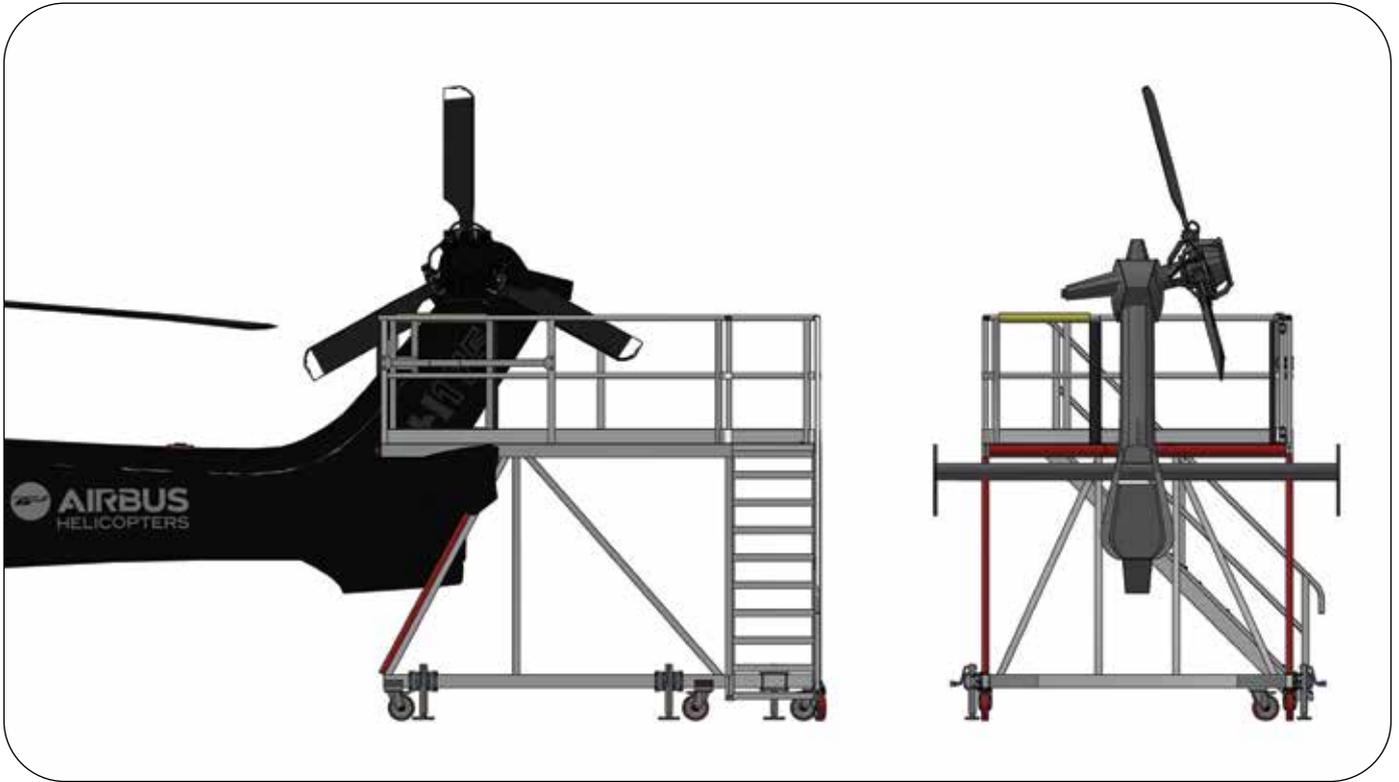
- › Designed to provide complete access to the tail and tail rotor for routine checks and maintenance.
- › Handrails telescope outward on the leading edge to allow the docking to rest against the helicopter without any risk of collision. They then close any gap to the aircraft, eliminating fall risks.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





# AIRBUS H175

## *TAIL ACCESS PLATFORM*

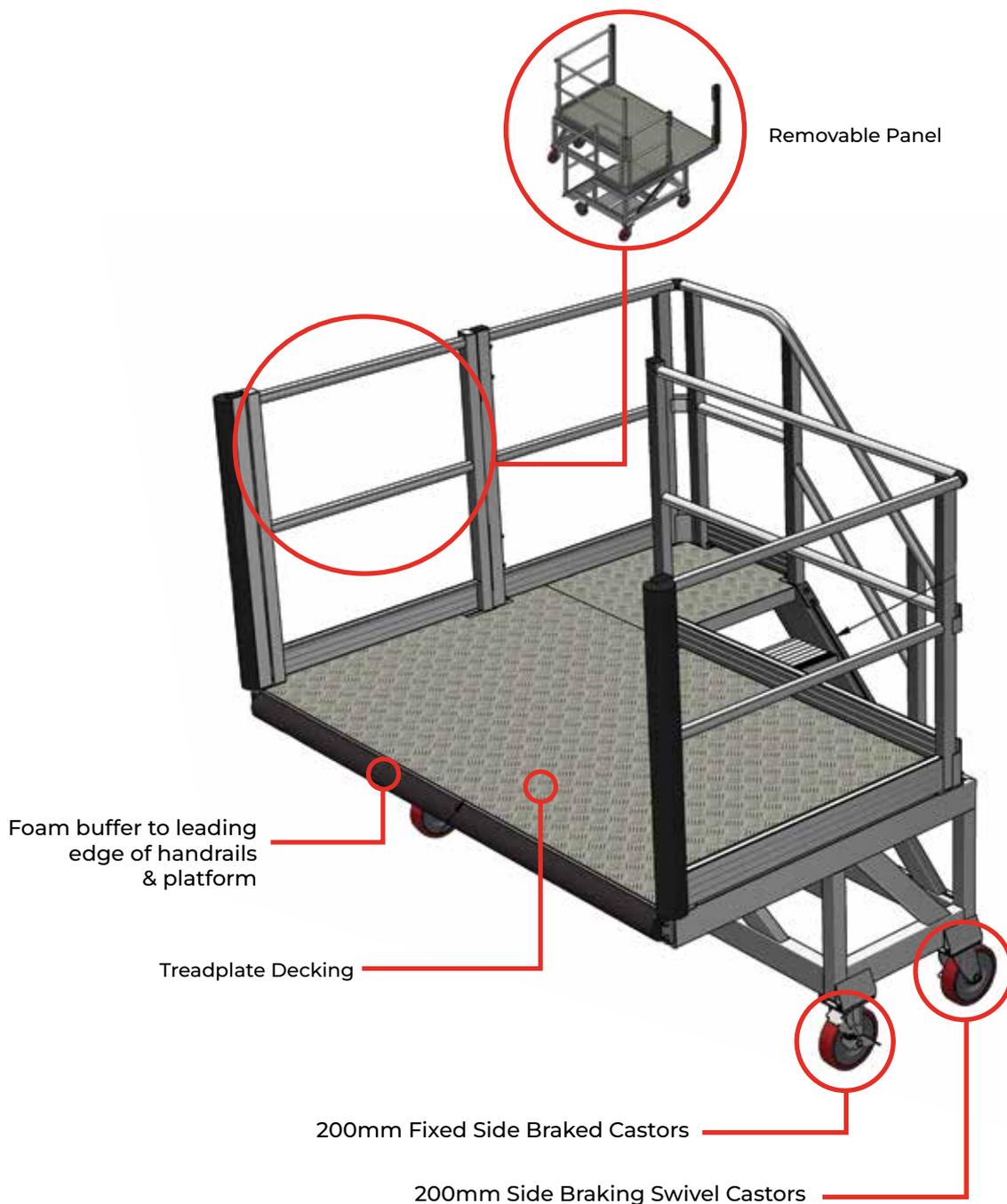




## BELL HELICOPTER BELL 206

**FLIGHT LINE STAND - LOW VERSION**

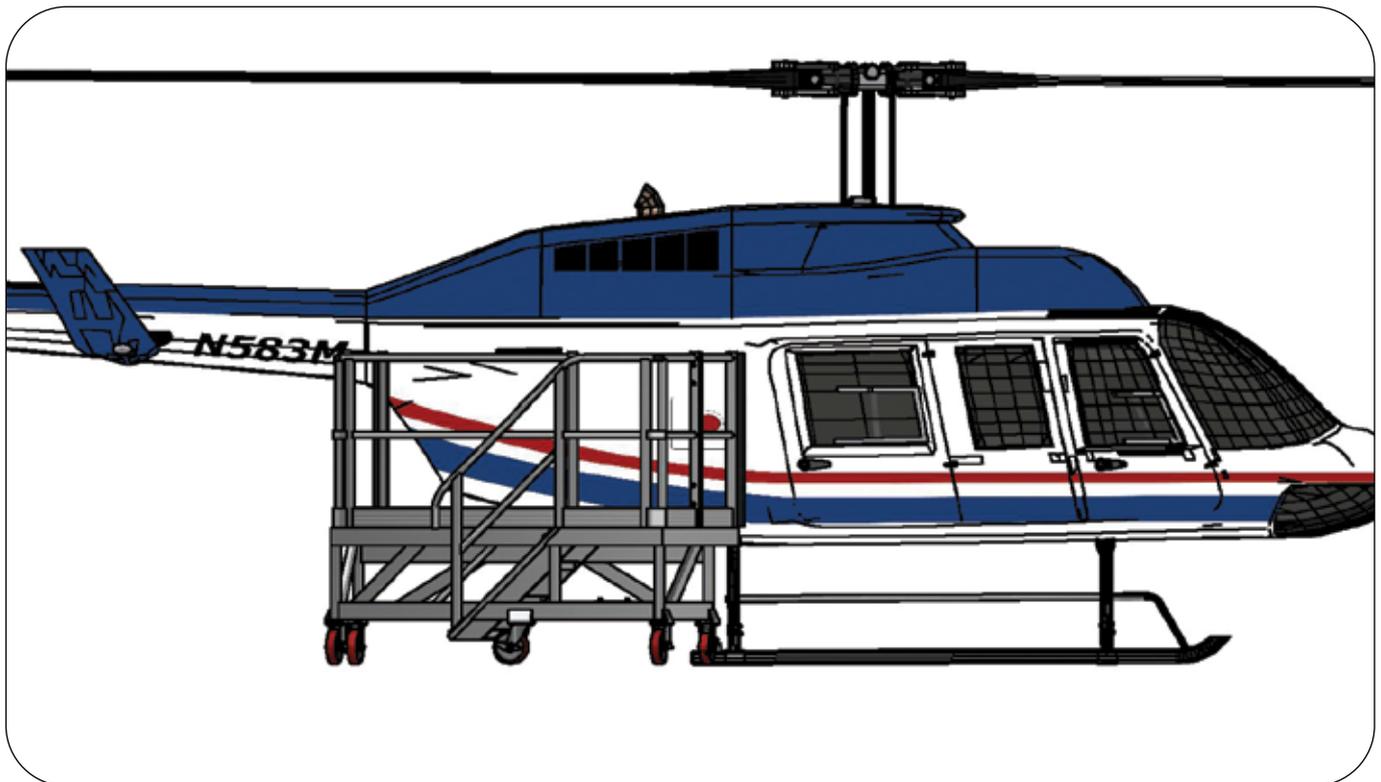
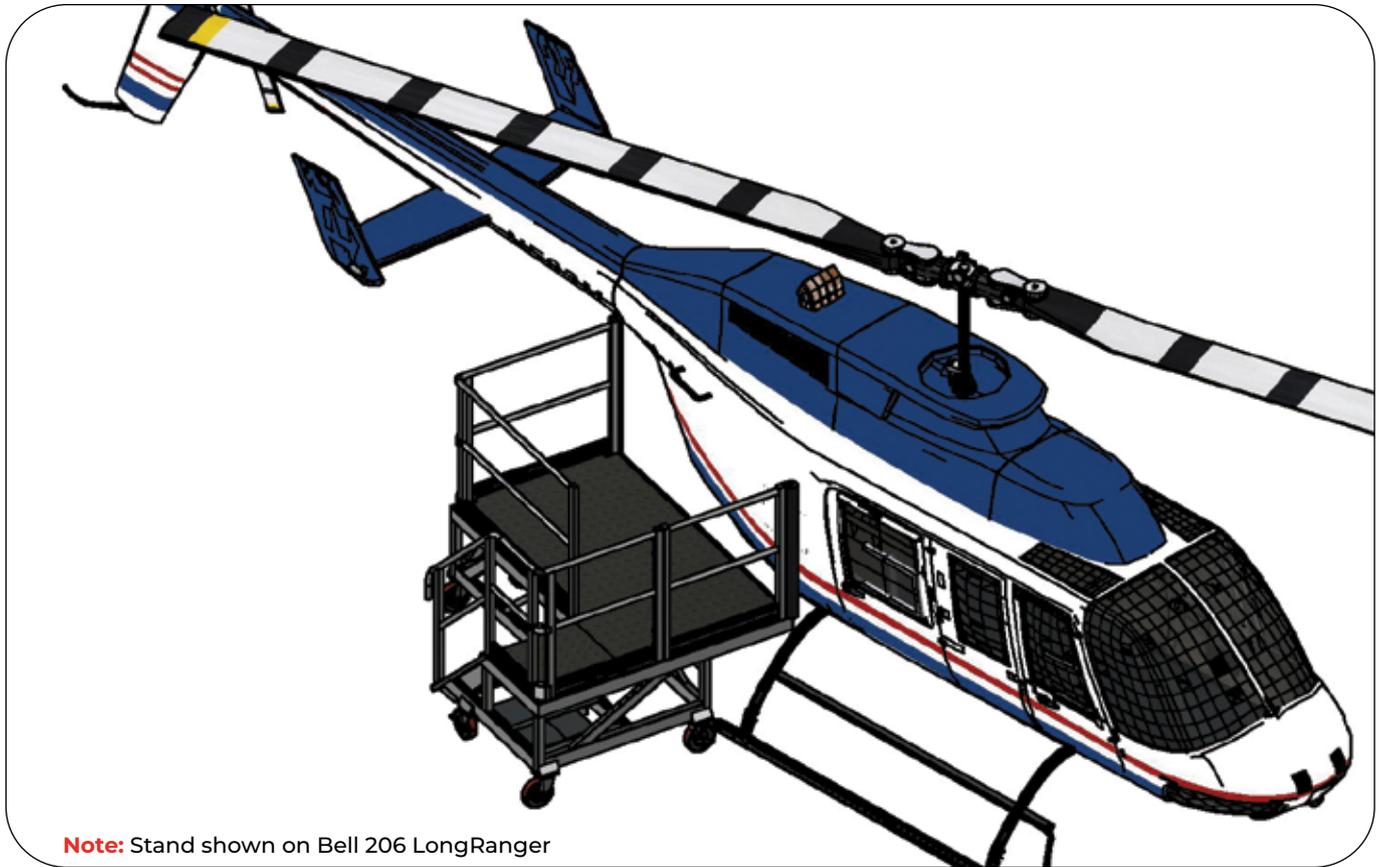
- › Compact but spacious stand provides access to the engine bay area for both line maintenance and heavier checks.
- › Mobile on wheels allowing easy placement against the aircraft, and storage.
- › Large cantilever, keeps the platform clear of the Helicopter skids and get the user right into the work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





## BELL HELICOPTER BELL 206

### **FLIGHT LINE STAND** - LOW VERSION

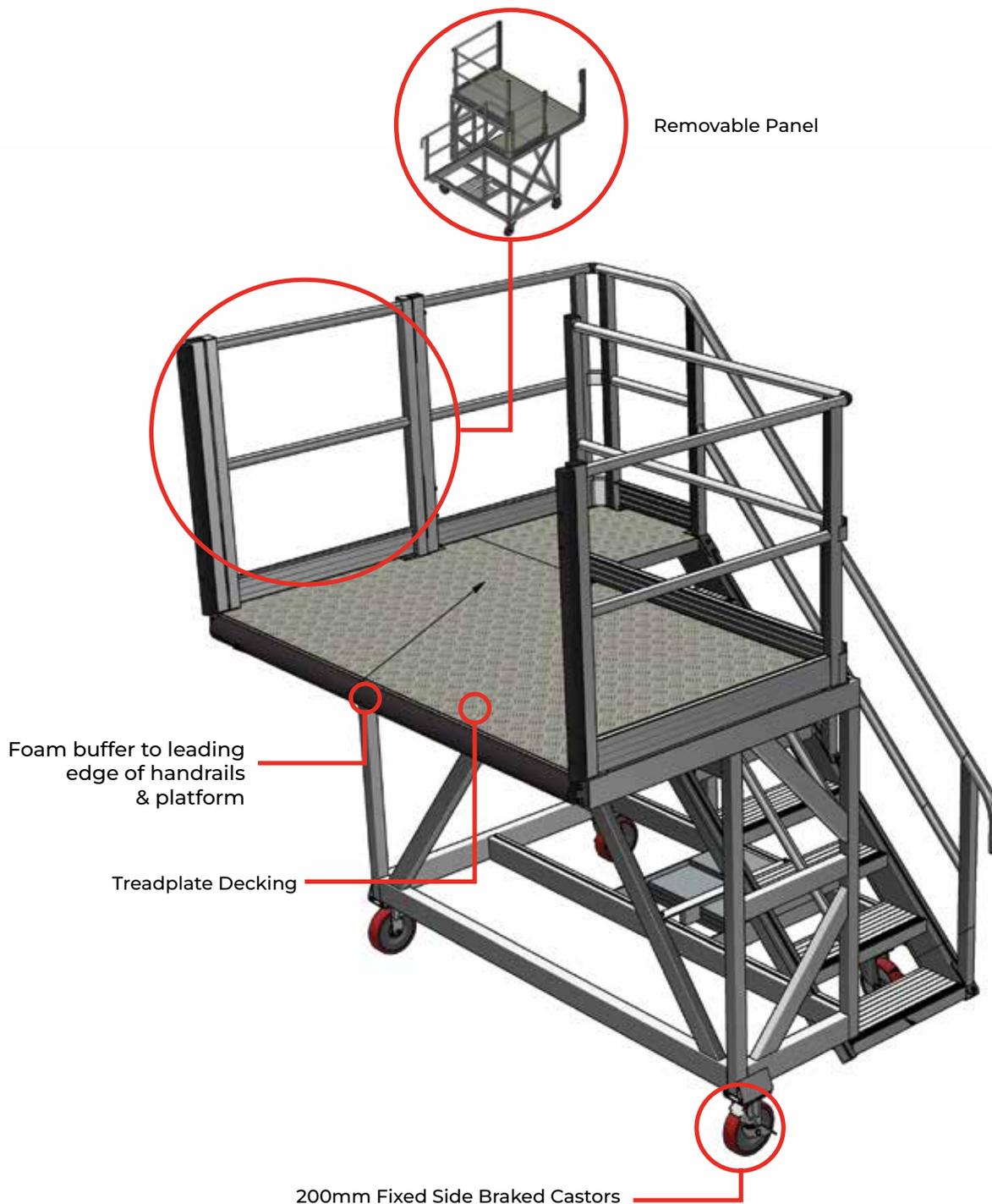




## BELL HELICOPTER BELL 206

**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.





## BELL HELICOPTER BELL 206

### **FLIGHT LINE STAND** - HIGH VERSION



**Note:** Stand shown on Bell 206 LongRanger

SHOWN ON **H125**



SHOWN ON **H145**

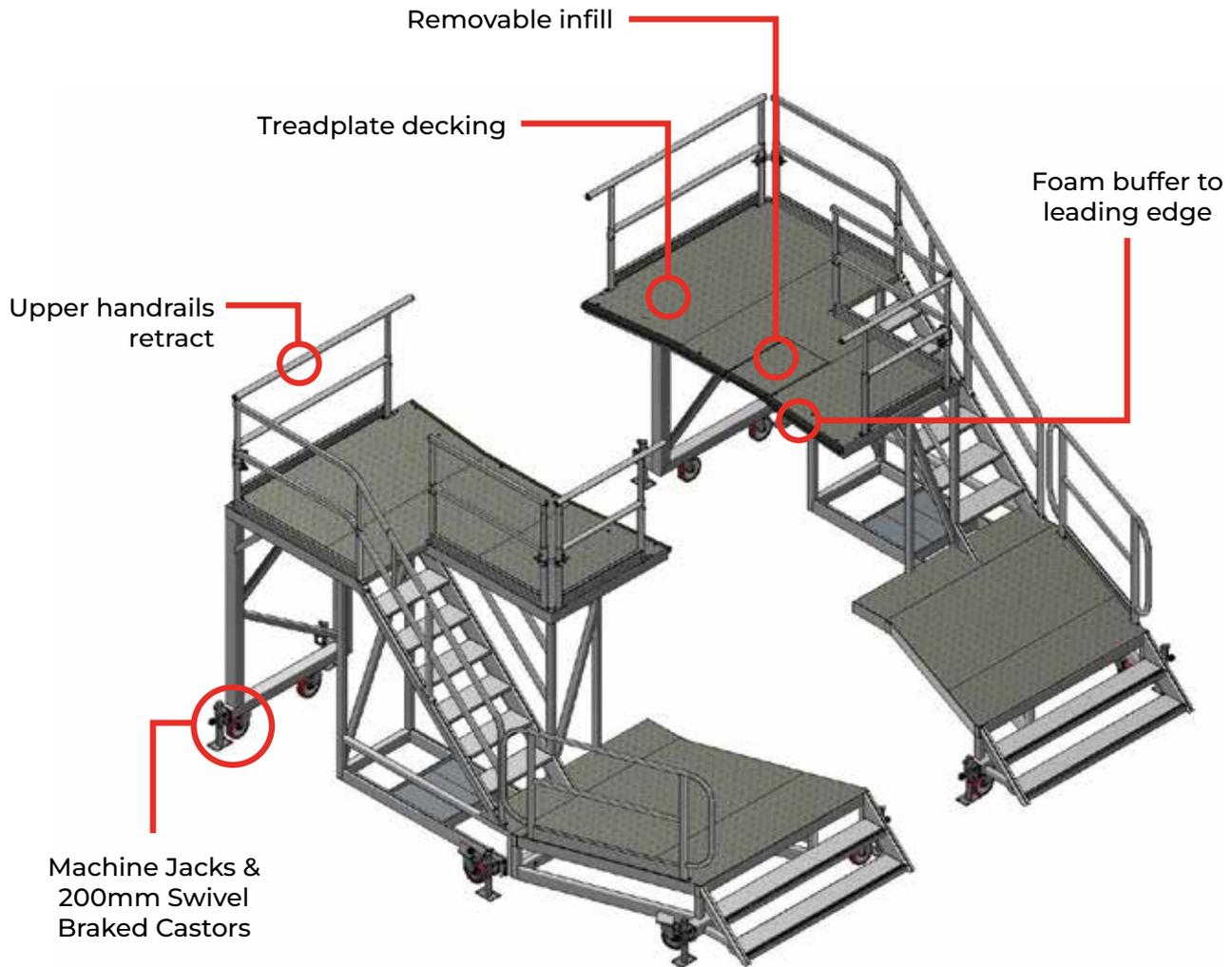




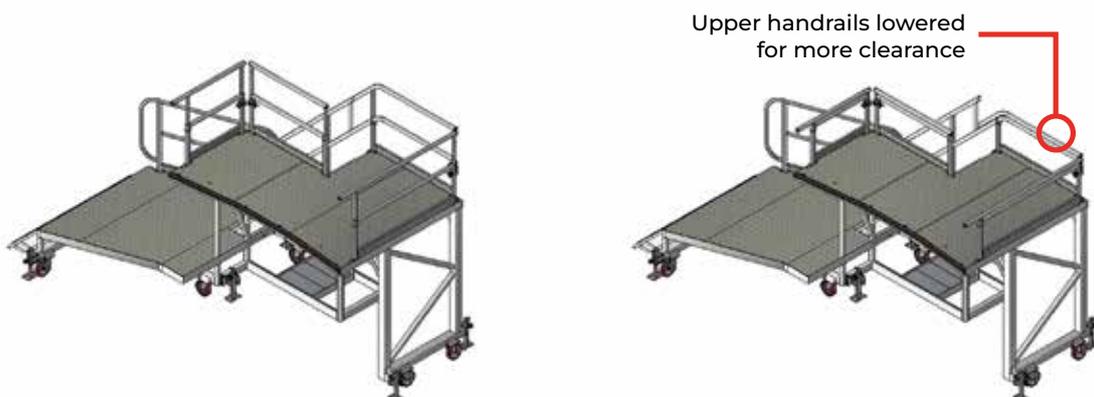
## BELL HELICOPTER BELL 212

### 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





## BELL HELICOPTER BELL 212

### DUAL-LEVEL SIDE PLATFORM

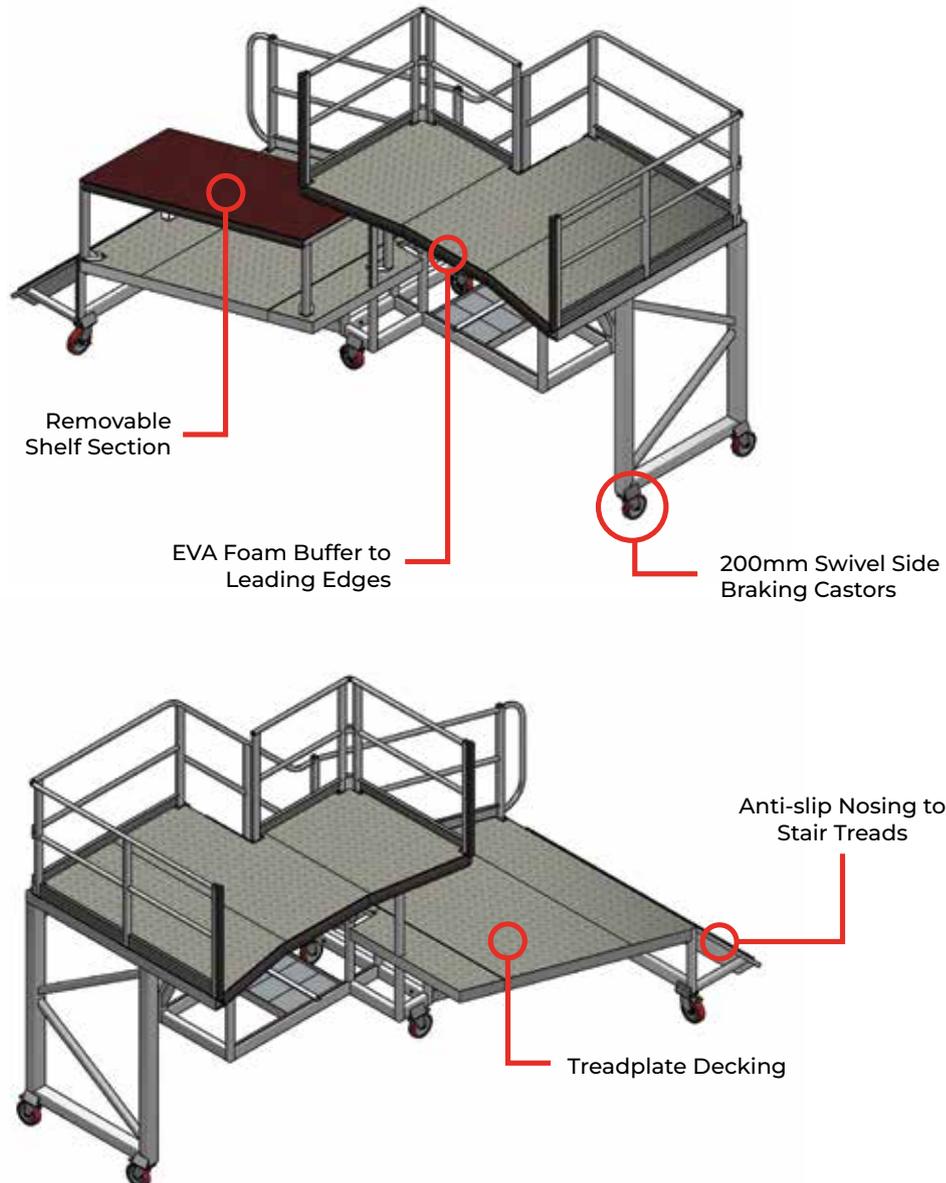


**BELL HELICOPTER BELL 412****SIDE ACCESS PLATFORMS**

› 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**



## BELL HELICOPTER BELL 412

### SIDE ACCESS PLATFORMS

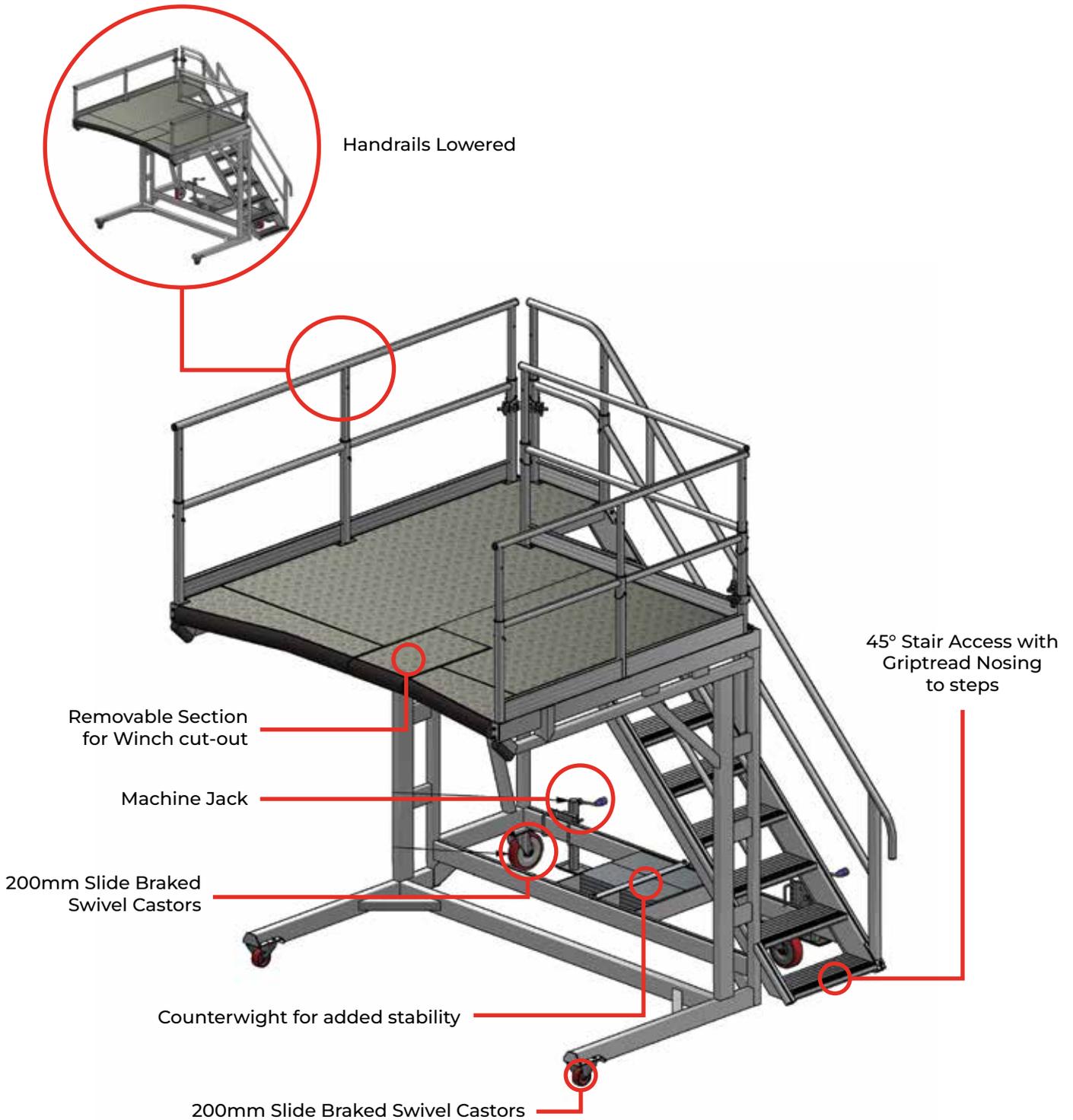




## BELL HELICOPTER BELL 412

### FLIGHT LINE STAND

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





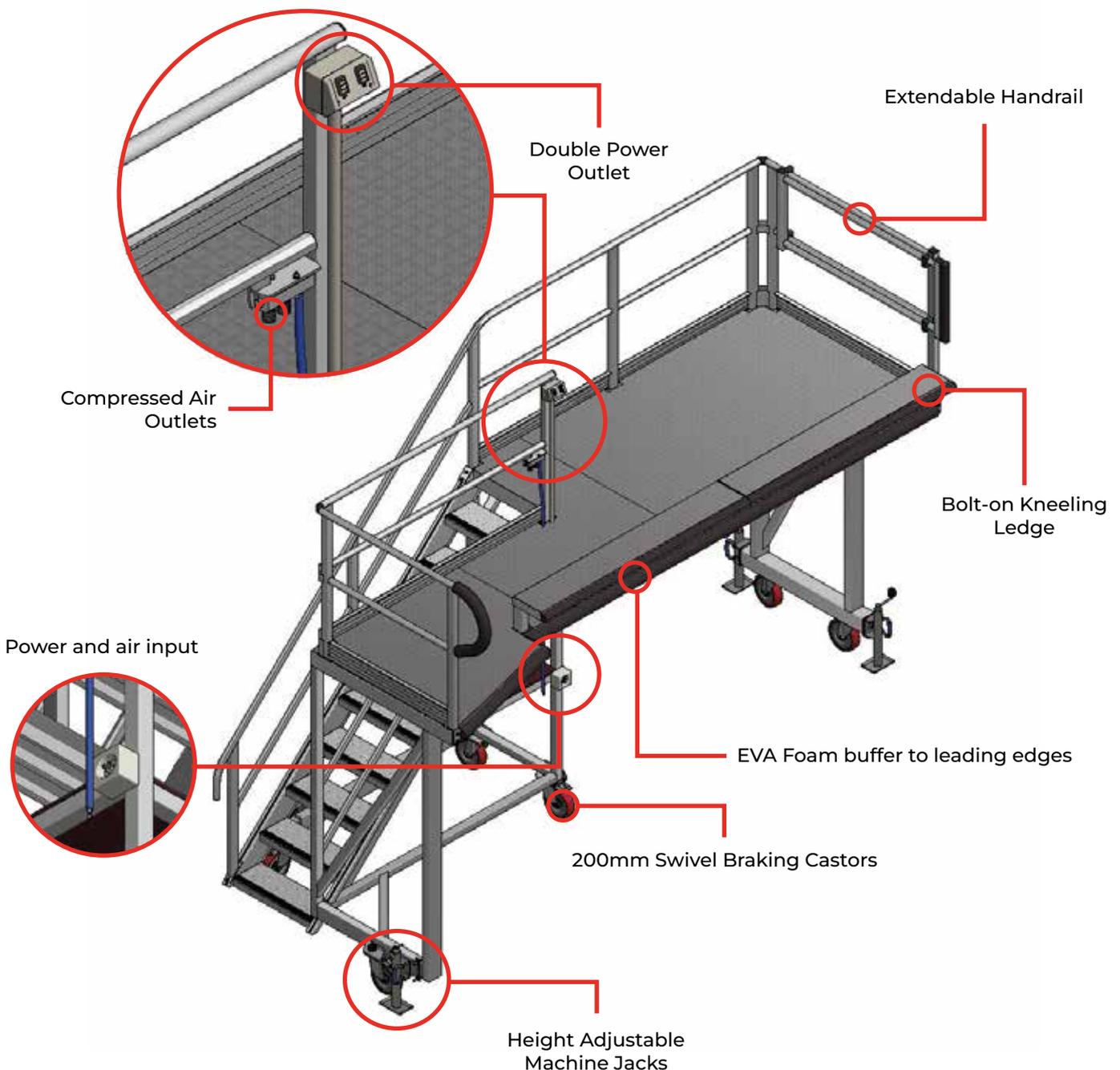
## BELL HELICOPTER BELL 412

### *FLIGHT LINE STAND*



**BELL HELICOPTER BELL 429****SLIM-LINE SIDE ACCESS PLATFORM**

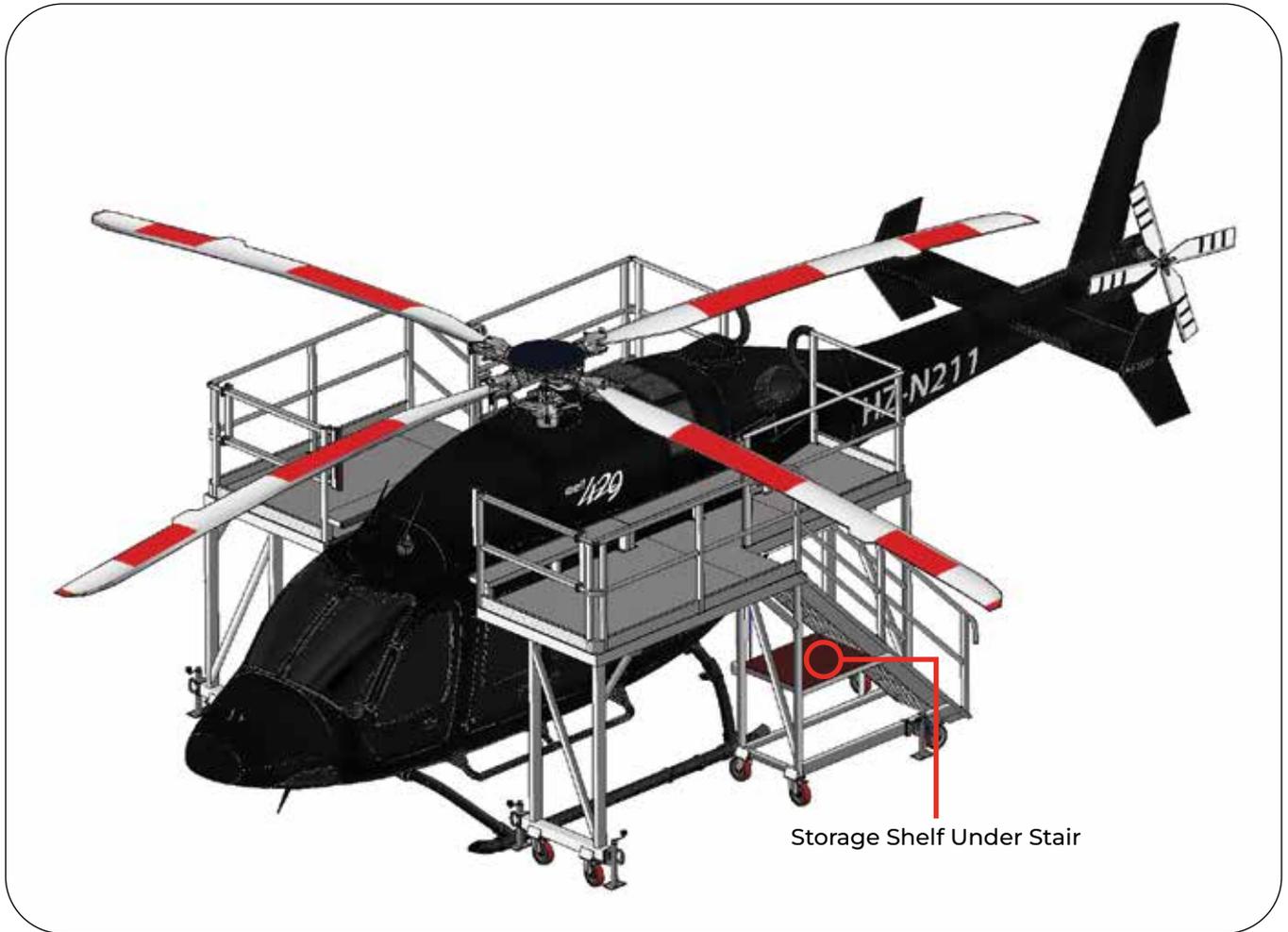
- › Full surround platform for rotor access.
- › 45° stairs for safer and more efficient access.
- › Separate tail rotor stand.
- › Padded contact points to eliminate contact damage to helicopter.
- › Cantilever allows close access to work area.
- › Full surround toeboard for tool drop protection.





## BELL HELICOPTER BELL 429

### SLIM-LINE SIDE ACCESS PLATFORM

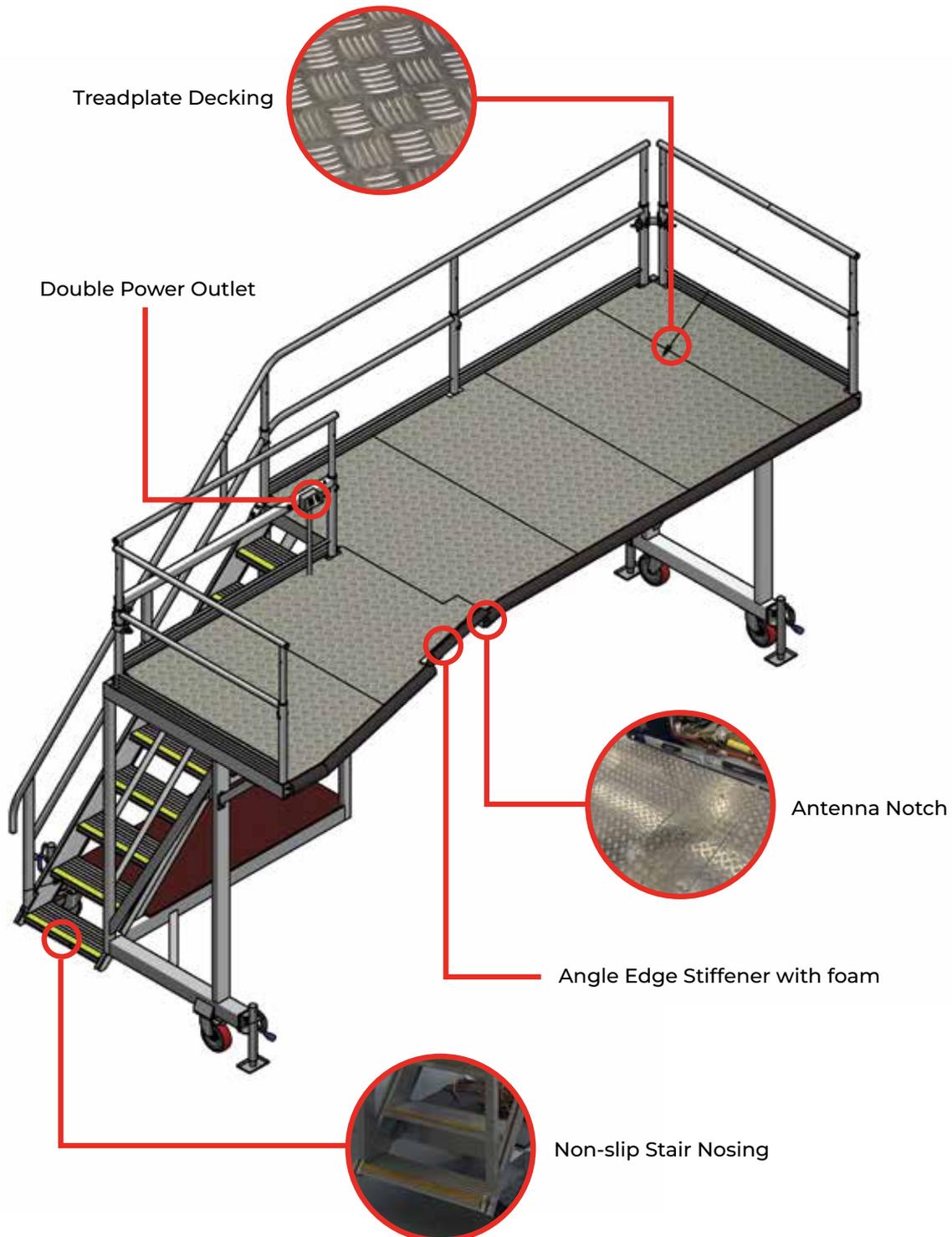




## BELL HELICOPTER BELL 429

### 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.





## BELL HELICOPTER BELL 429

### *WIDE SERIES SIDE ACCESS PLATFORM*

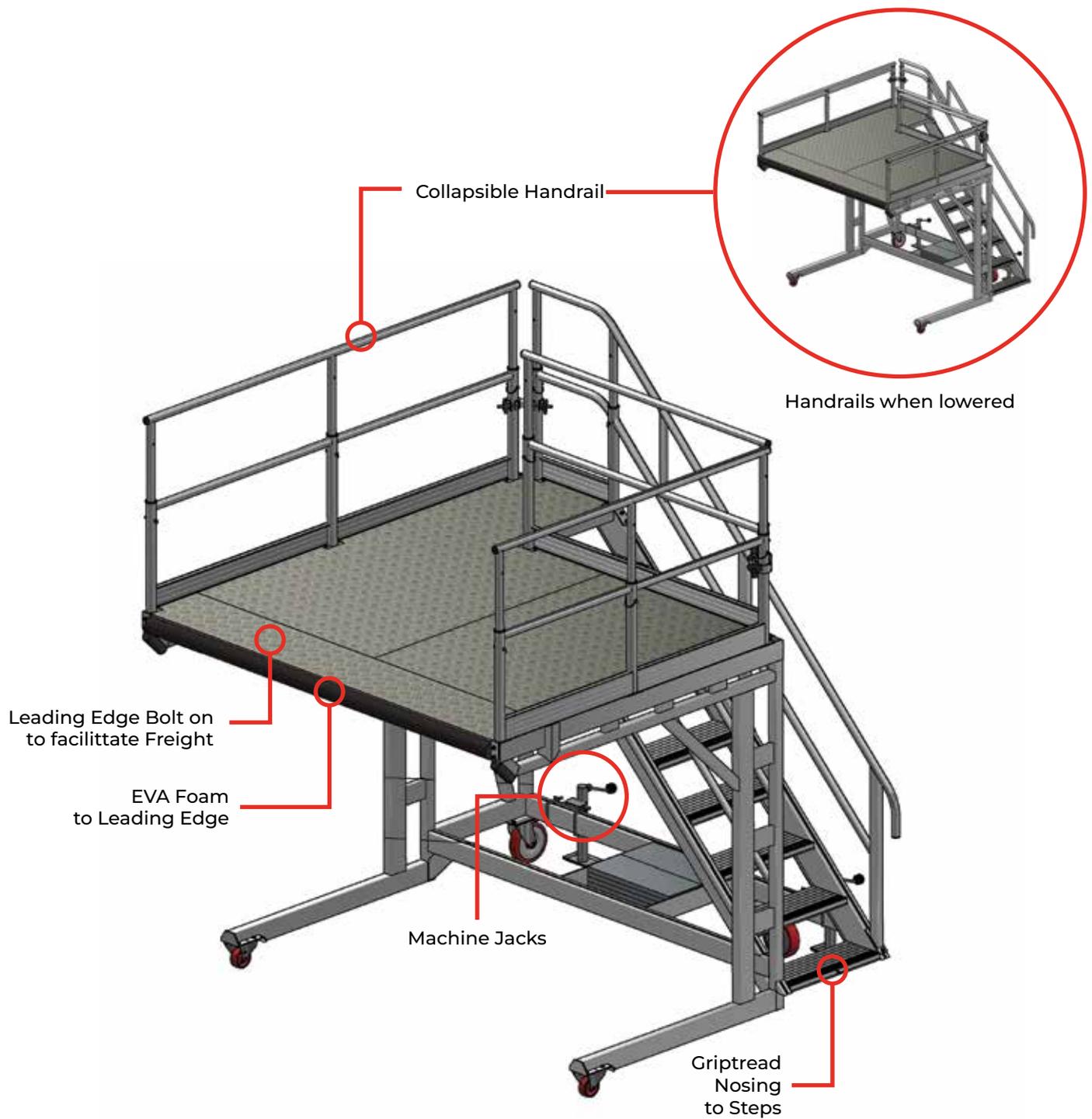




# BELL HELICOPTER BELL 429

## 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.





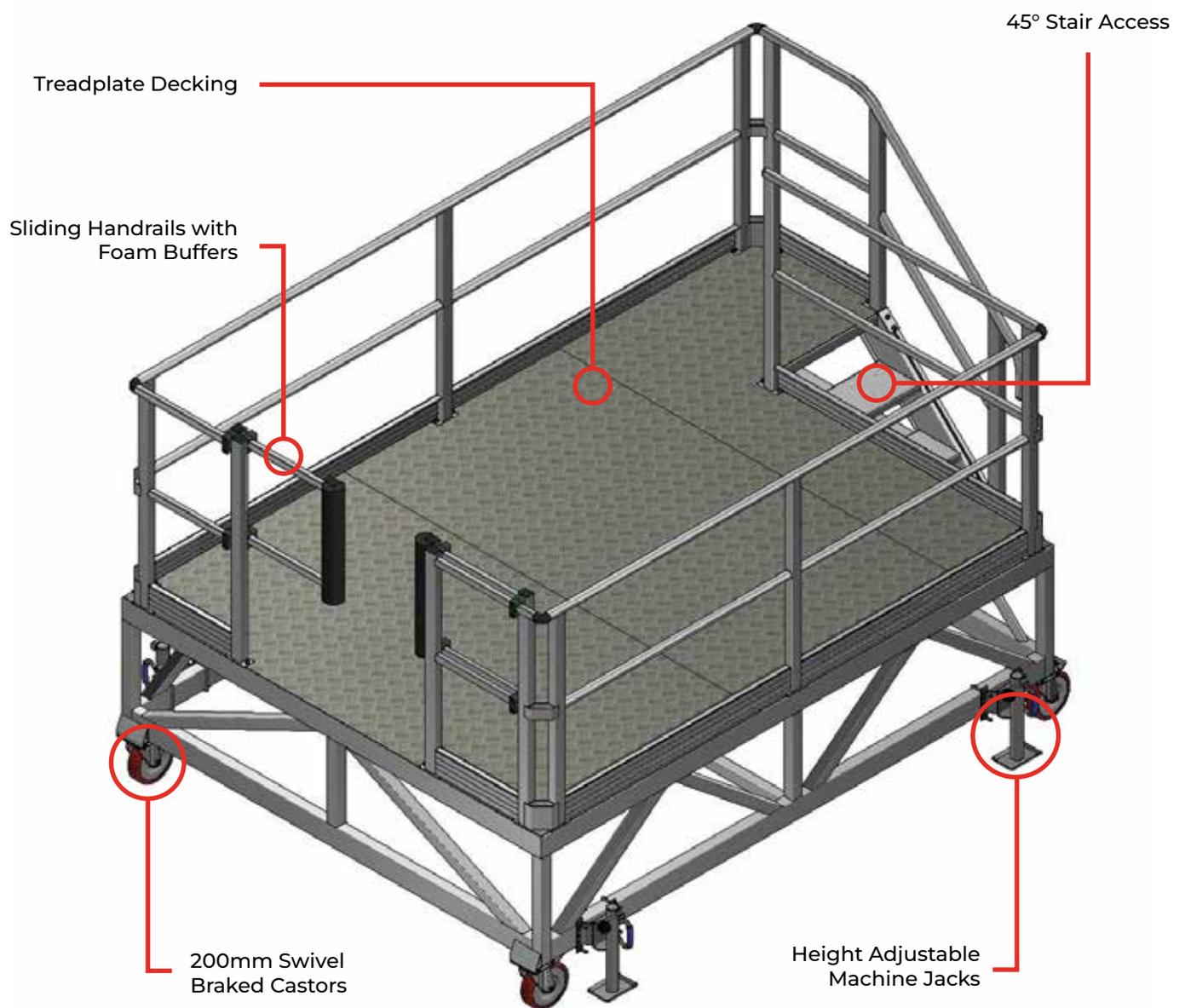
## BELL HELICOPTER BELL 429

### *FLIGHT LINE STAND*



**BELL HELICOPTER BELL 429*****TAIL ACCESS PLATFORMS***

- › Full surround platform for tail rotor access.
- › Wide platform for tool storage.
- › 45° stairs for faster, safer, and more efficient access.
- › Separate 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.





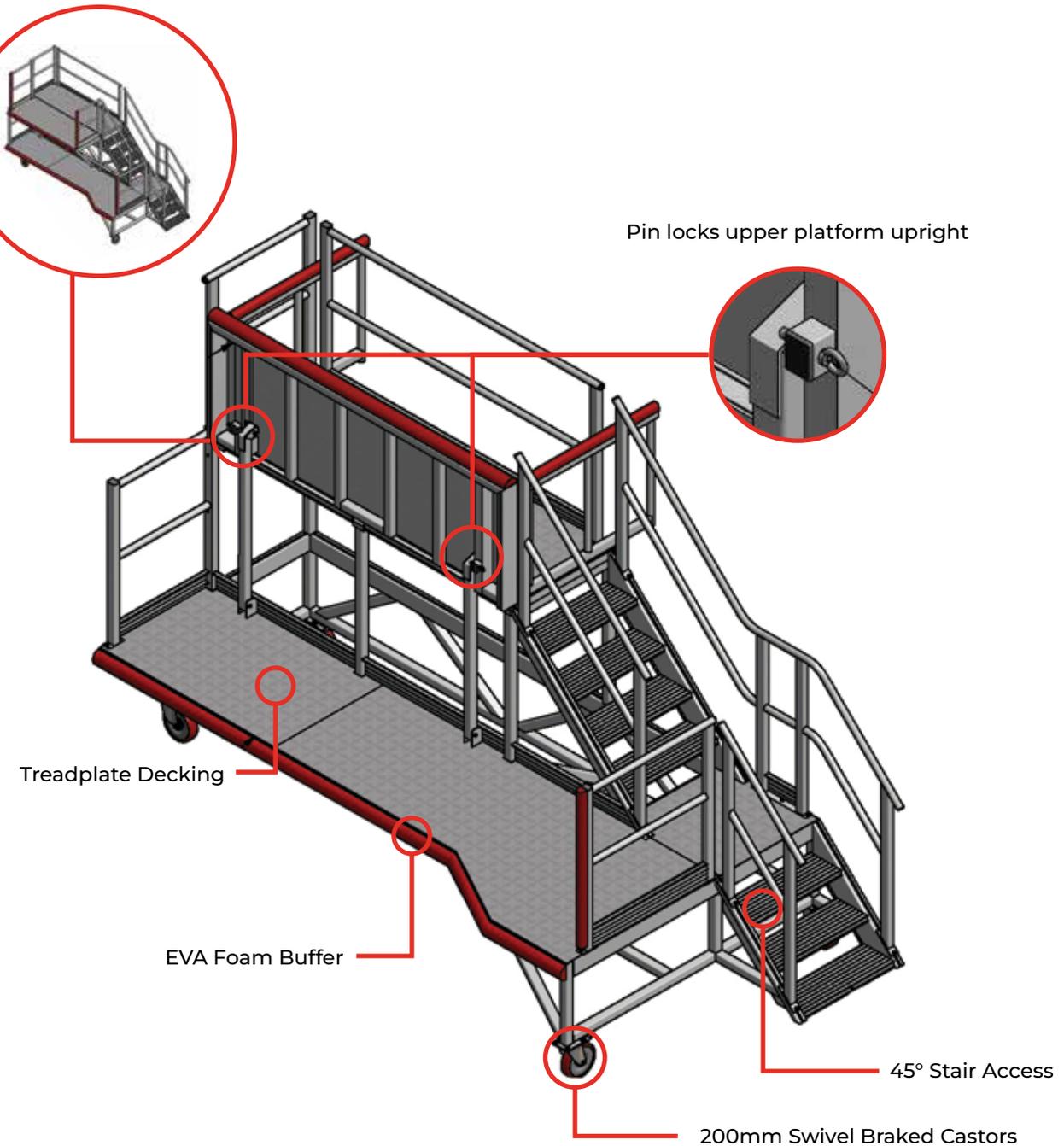
## BELL HELICOPTER BELL 429

### *TAIL ACCESS PLATFORMS*



**MBB/KAWASAKI BK117****CONFIGURABLE SIDE ACCESS PLATFORM**

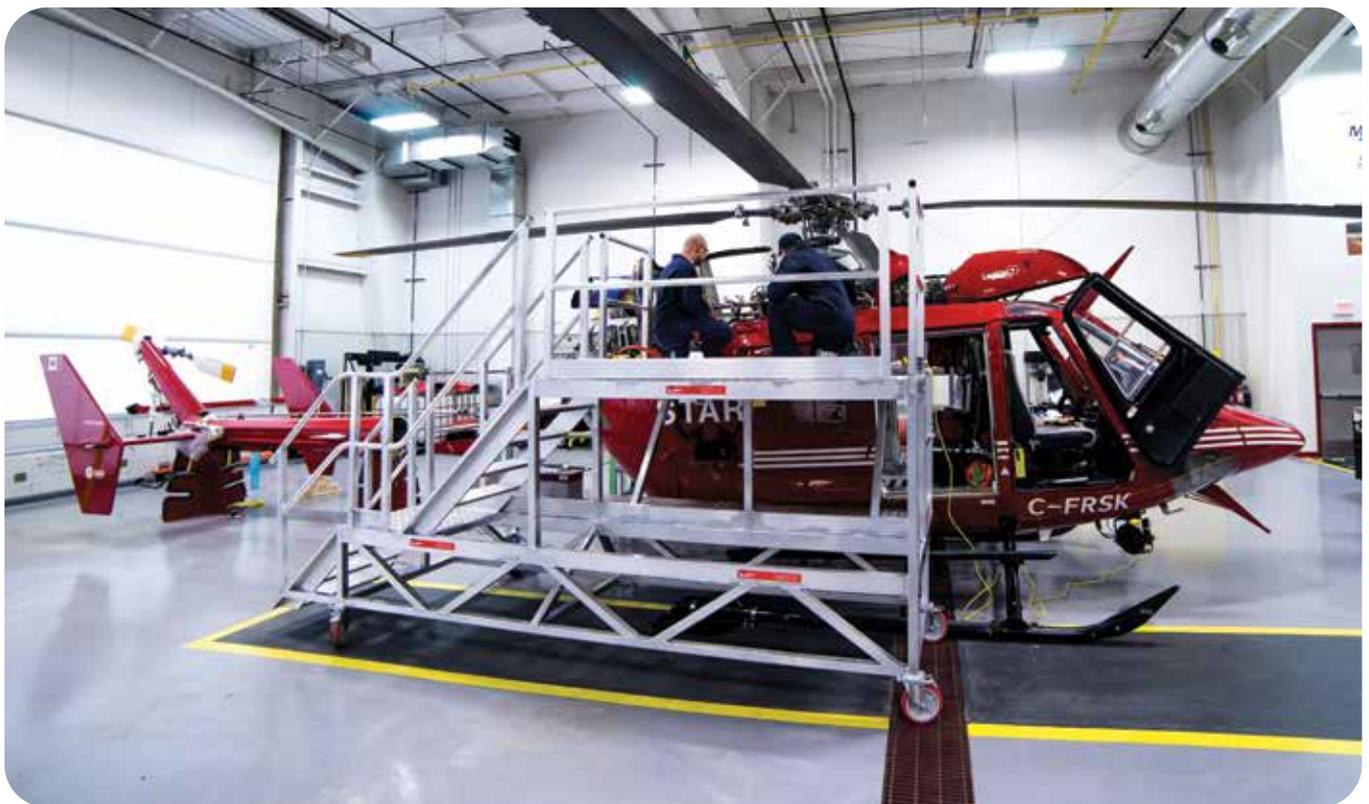
- › A twin-mirrored system that is easily wheeled by hand up to the aircraft, with dual-level access to junction to fuselage and tail or top engine bay.
- › Flip-up upper platform allows the operators to stand at dual levels.
- › Trussed frame design for optimum strength.





## MBB/KAWASAKI BK117

### CONFIGURABLE SIDE ACCESS PLATFORM





## MBB/KAWASAKI BK117

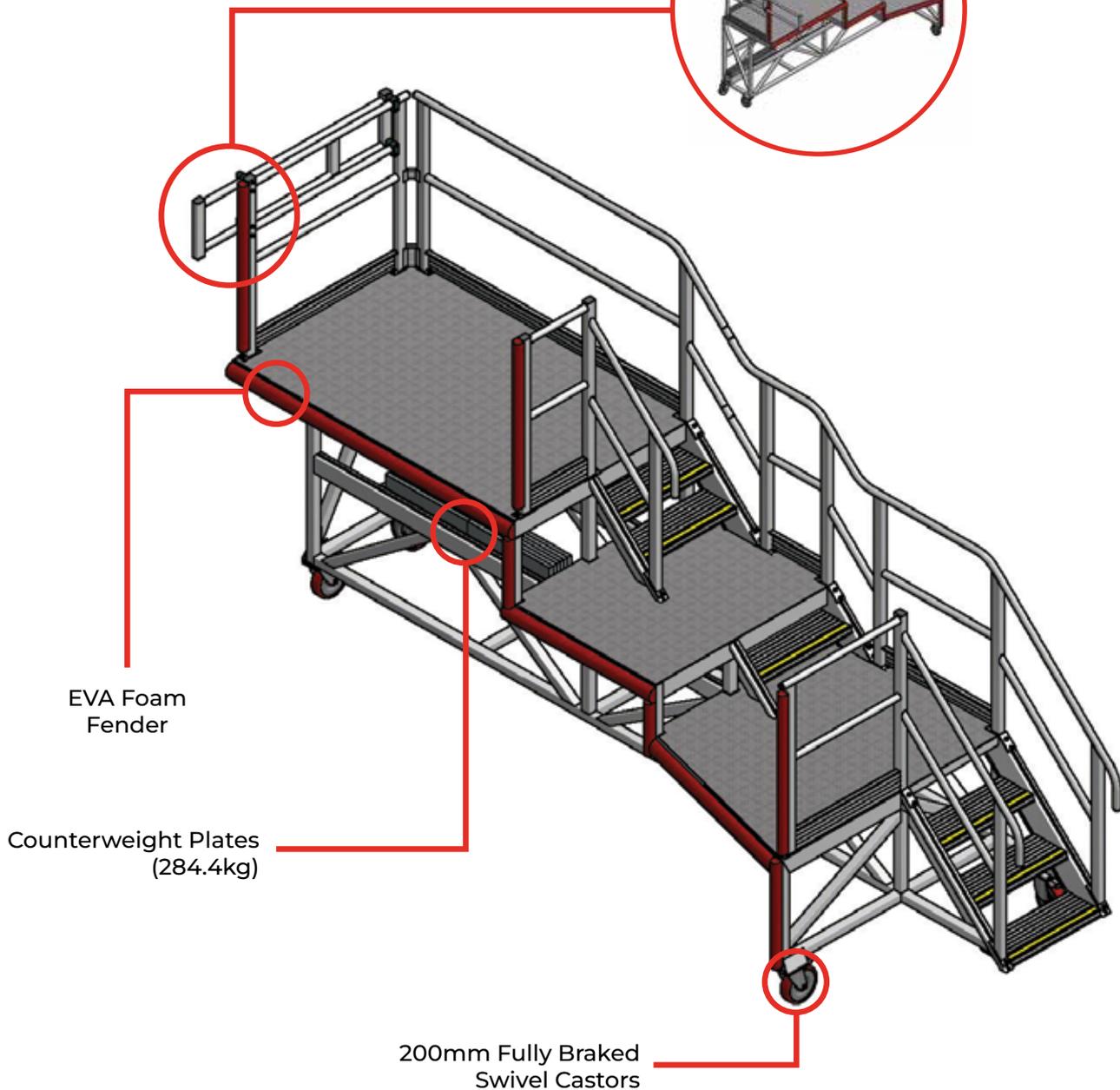
# TRIPLE-LEVEL SIDE ACCESS PLATFORM

- › 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**

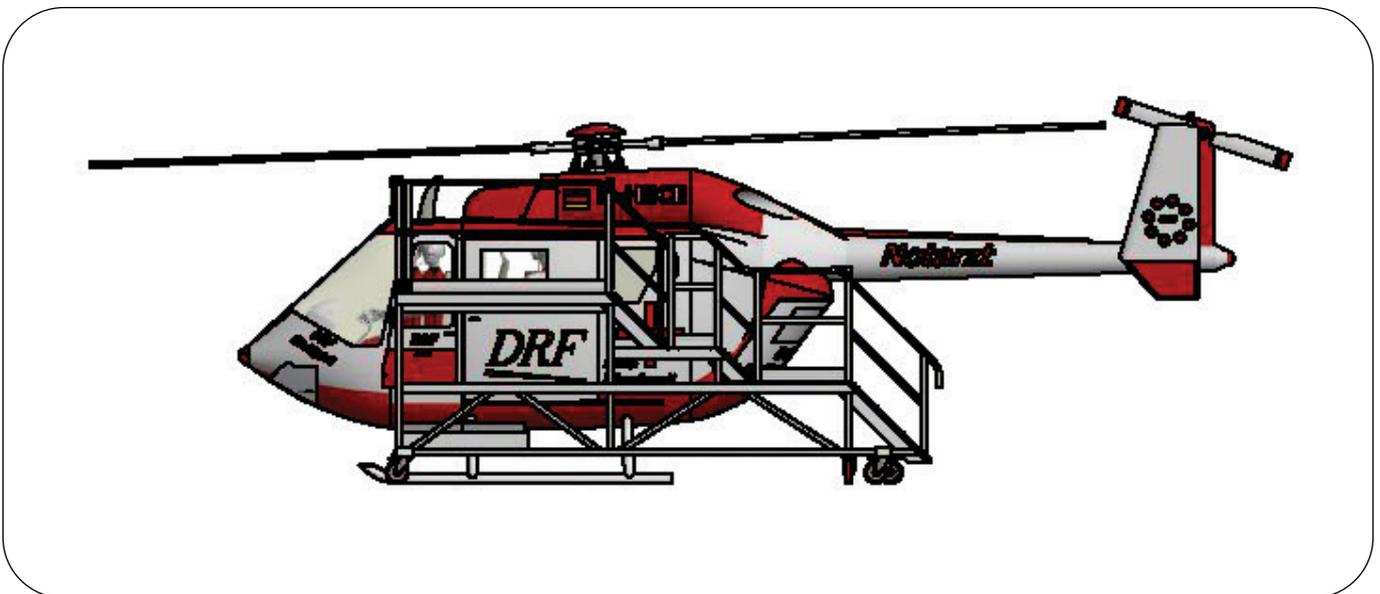
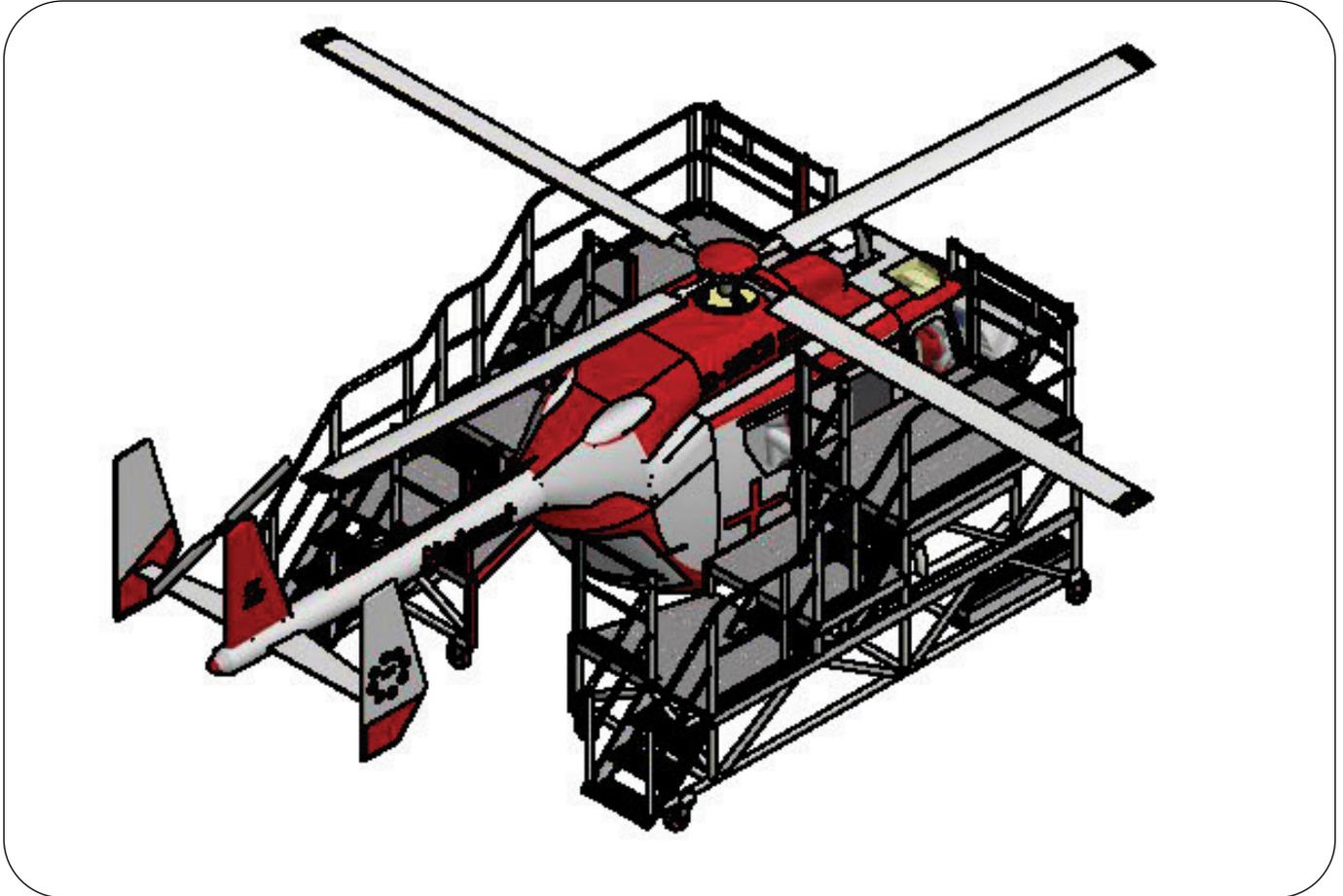
Handrail when extended





## MBB/KAWASAKI BK117

### TRIPLE-LEVEL SIDE ACCESS PLATFORM

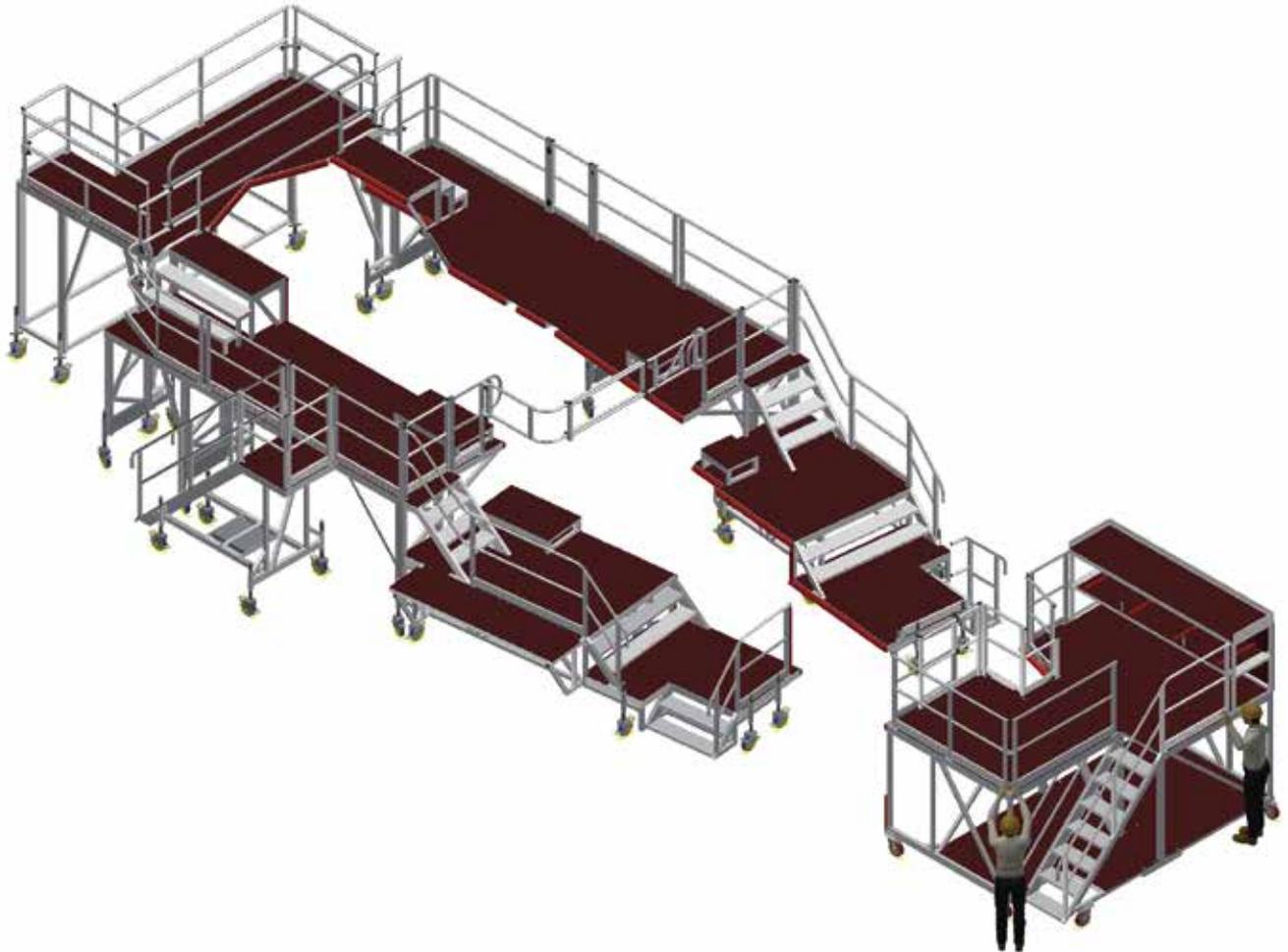




## KAMAN SEASPRITE SH-2G

### **DOCKING SYSTEM**

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





# KAMAN SEASPRITE SH-2G

## DOCKING SYSTEM

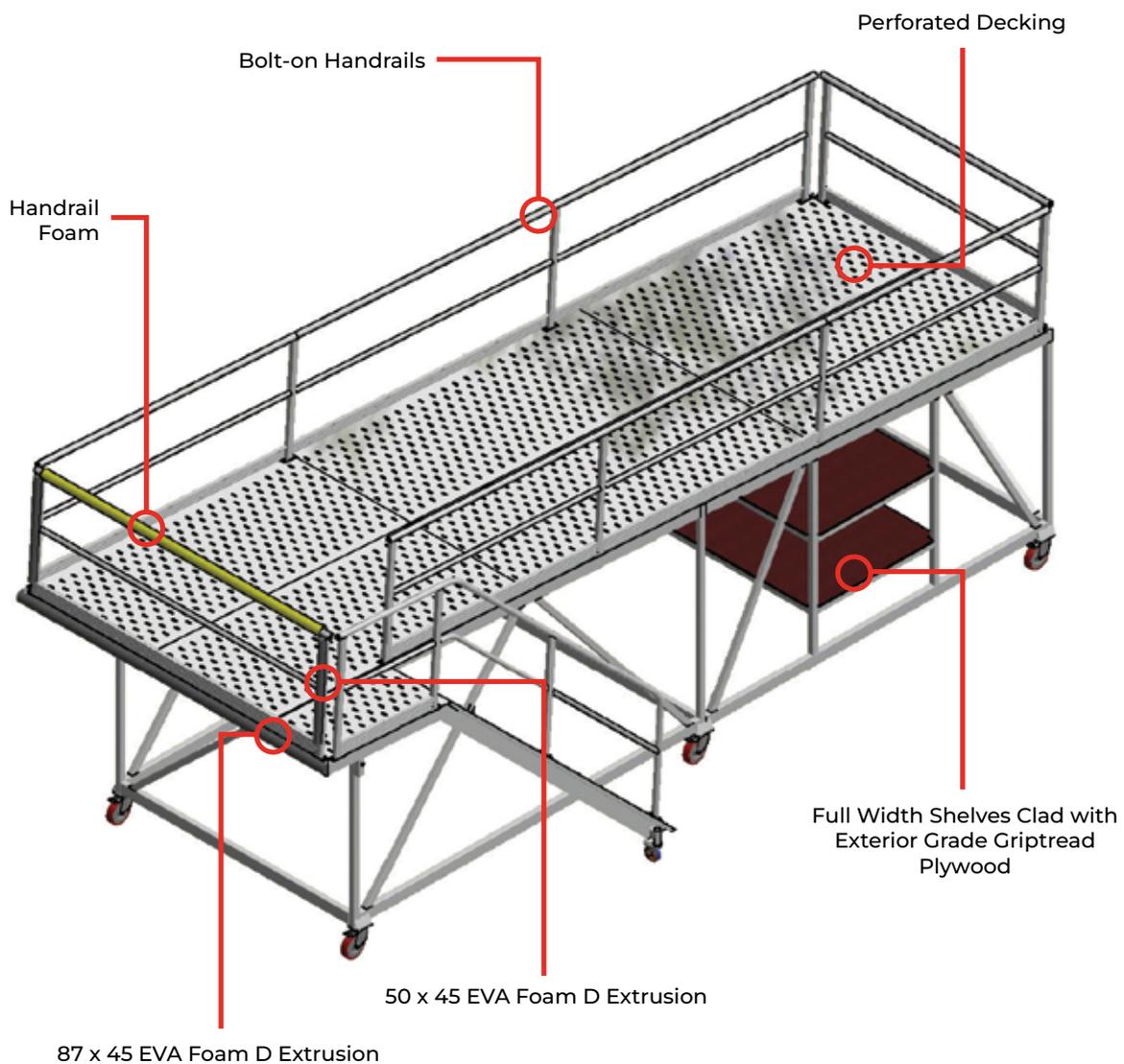




## NH INDUSTRIES NH90

**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.





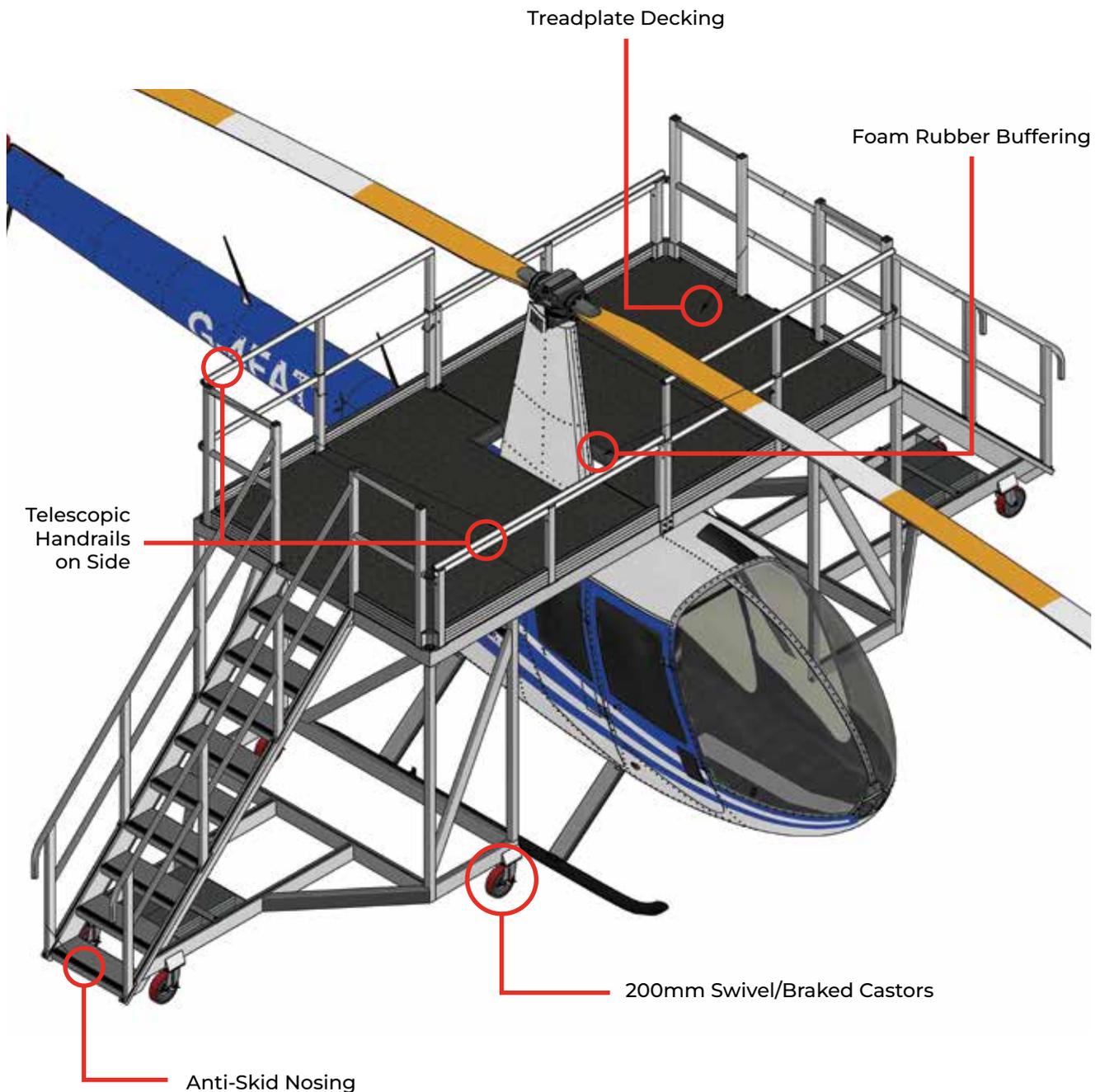
# NH INDUSTRIES NH90

## BLADE WASH PLATFORM



**ROBINSON R22/R44****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.





## ROBINSON R22/R44

### MAIN ROTOR HEAD PLATFORM SET



### 70° ACCESS VERSION AVAILABLE



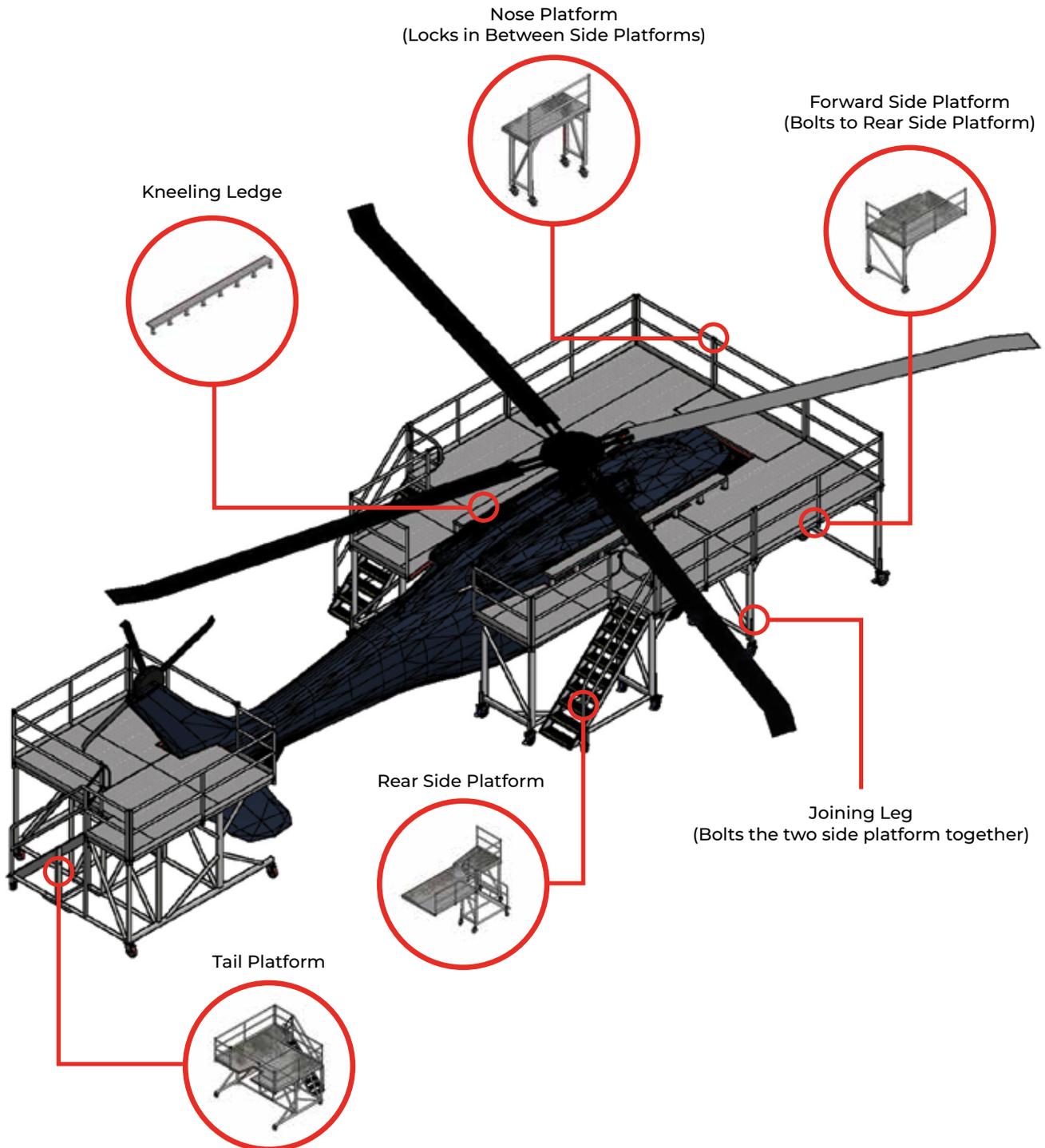


# SIKORSKY BLACKHAWK

## 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.





# SIKORSKY BLACKHAWK

## MAINTENANCE DOCKING SET





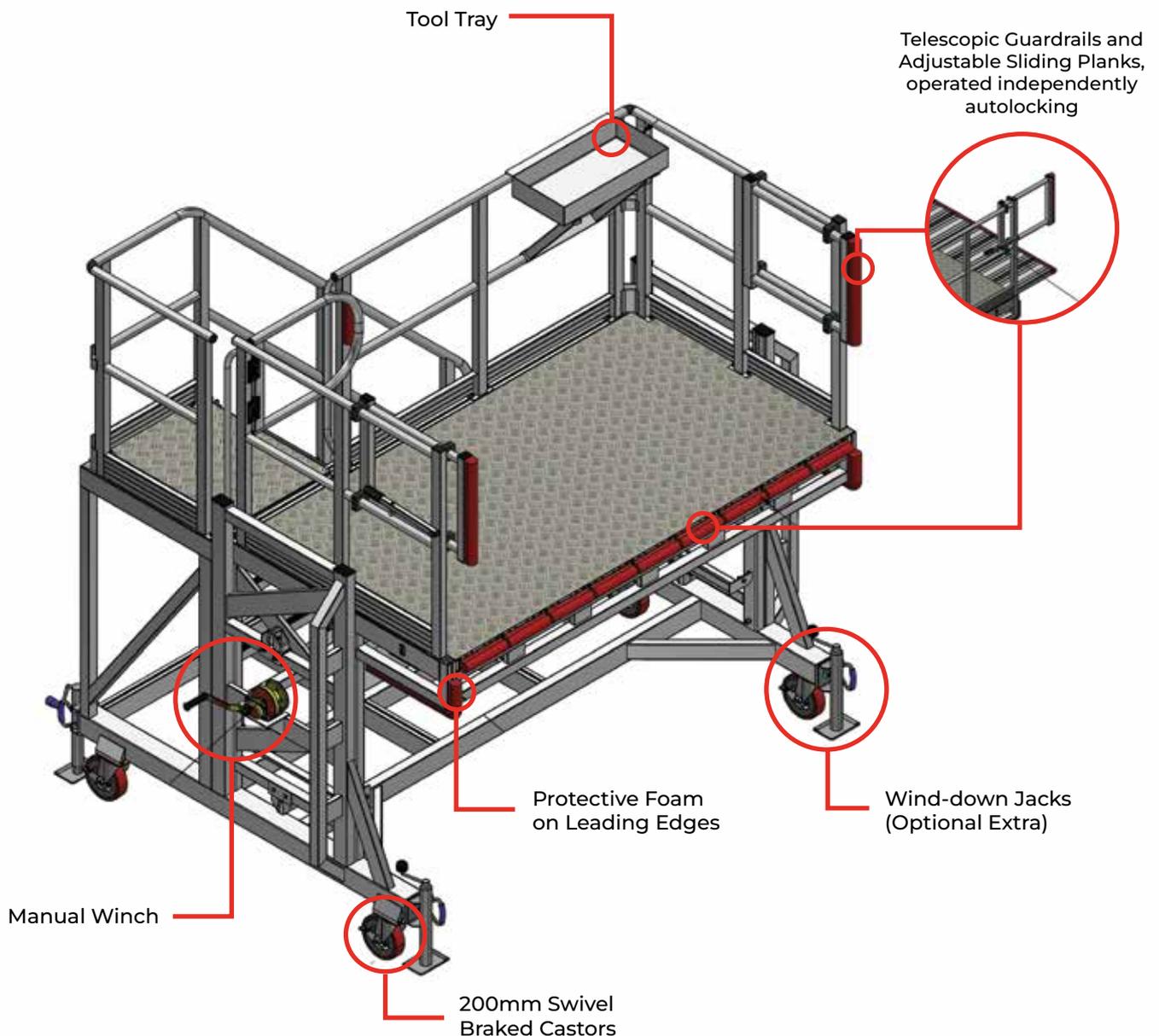
## GENERAL PURPOSE ACCESS STANDS

# MULTI-PURPOSE ADJUSTABLE MAINTENANCE PLATFORM

- › 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.



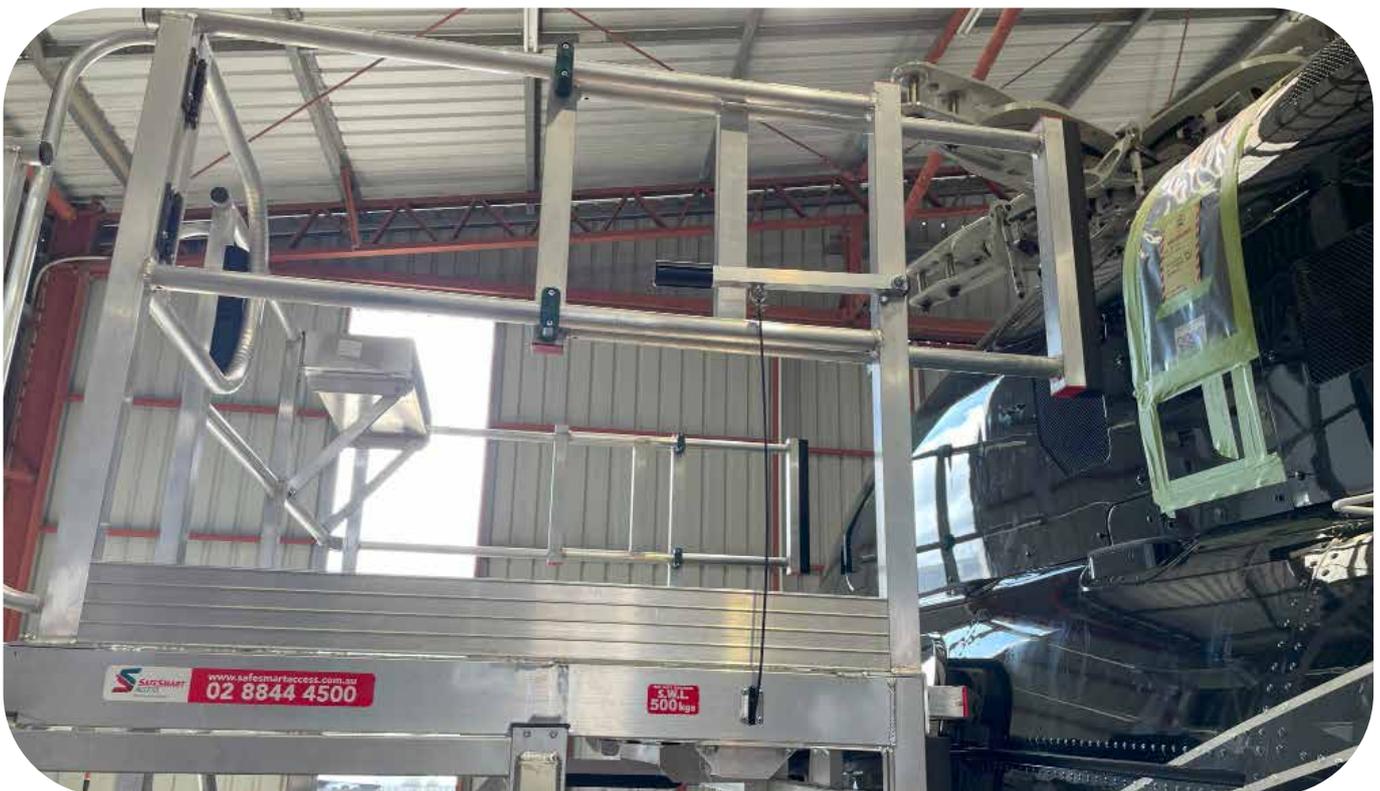
**UNIVERSAL PLATFORM**  
CAN BE USED WITH A BROAD  
RANGE OF ROTARY AIRCRAFT.





## GENERAL PURPOSE ACCESS STANDS

### **MULTI-PURPOSE ADJUSTABLE MAINTENANCE PLATFORM**

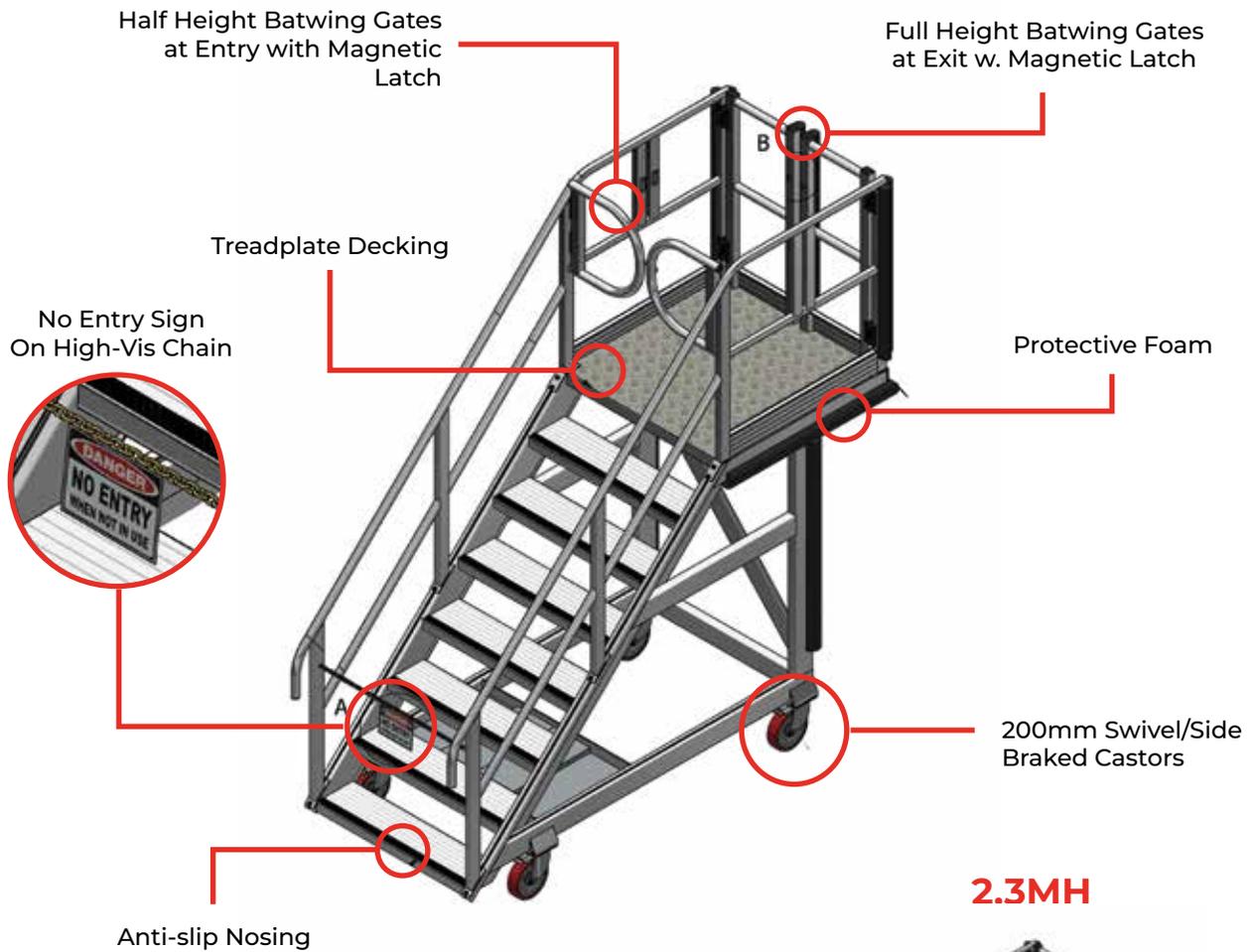




# GENERAL PURPOSE ACCESS STANDS

## 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 ACCESS STANDS

### GENERAL PURPOSE STAND

**0.95MH ON H135**



**1.7MH ON H135**



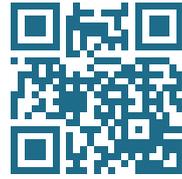
**2.3MH ON H135**





# PROSCAF

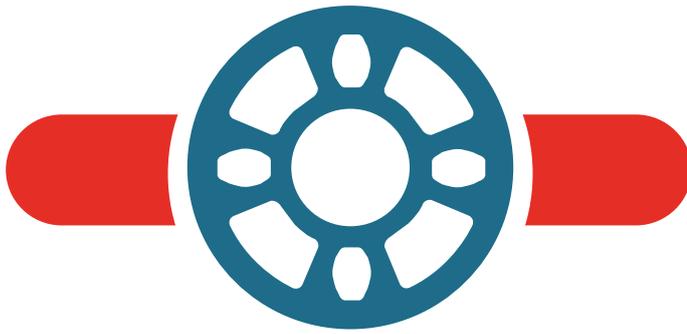
*Effortlessly Simple. Infinitely Versatile.*



**FIND OUT MORE**  
VISIT [WWW.PROSCAF.COM](http://WWW.PROSCAF.COM)

- › SafeSmart's unique Proscaf system is available in both steel and aluminium, making it ideal for creating fully configurable and customisable work platforms for aircraft access.
- › The Rosette connection allows for precise configuration around the contours of an aircraft. Additionally, the high strength of components such as braces and ledgers enables the creation of larger cantilevers and birdging sections of the scaffold —perfect for working over the fuselage, wings, pylon, crown, and other challenging areas.
- › With a unique locking connection, the system minimises the number of components required, reducing both weight and complexity.





AVAILABLE FOR  
SUPPLY AND INSTALL  
**GLOBAL**



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