



Height Access Solutions for
Fixed-Wing & Rotary aircraft
EDITION 3

UNITED KINGDOM

0845 382 1000

www.safesmartaviation.com | sales@safesmartaviation.com



WORLDWIDE

sales@safesmartaviation.com



Australia

Sydney

+61 2 8844 4500

Melbourne

+61 3 9309 0544

Brisbane

+61 7 3266 711

Perth

+61 8 9218 9400



USA

Los Angeles,
New York,
& Cleveland

+1 310 410 1525



New Zealand

+64 0800 000 448



UK

+44 0845 382 1000



France

+33 01 76 31 04 93



Canada

Regina, Toronto &
Vancouver

+1 866 635 8818



Chile

+56 9 8796 5643



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
TETAU 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

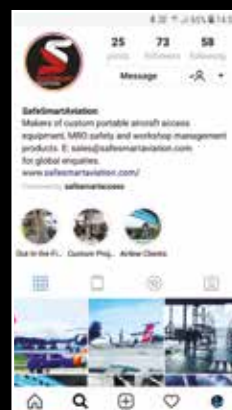
FROM ANYWHERE IN THE WORLD

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



CHOCK AND CONE TROLLEY	8
WARTHOG PLATFORM LADDER	9
BRANCH FIBREGLASS PLATFORM	10
A FRAME AVIATION PLATFORM	11
SUPER MAINTENANCE PLATFORM	12
CANTILEVER PLATFORM	14
SUPER SERVICE STAND	15
EASYRAISE	16
BRIDGEDECK	18
ULTRAraise	20
MODULAR STEPOVER	22
SUPER TRESTLE	24



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.

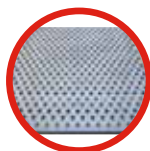


150KG
SWL


Electrically
SAFE



ANTI-SLIP
WORK PLATFORM



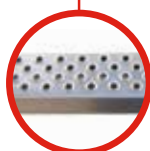
OPTIONAL
FULL SURROUND
SAFETY BAR
FOR ADDED SAFETY



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

- › 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
BS 12811-1



IDEAL FOR
BOTH
WORKSHOP &
IN-FIELD ACCESS

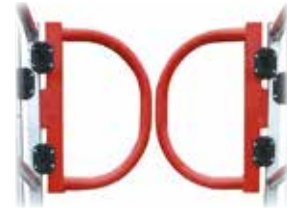




SUPER MAINTENANCE PLATFORM ACCESSORIES

BATWING GATES

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



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

FOLD-OUT PROTECTION WINGS

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



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

RETRO-FIT ACCESSORIES

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



Retrofit Entry Gate



Retrofit Exit Gate



Retrofit Forklift Channel



Retrofit Castor Kit

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



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
BS 12811-1

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
BS 12811-1



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
BS 12811-1



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

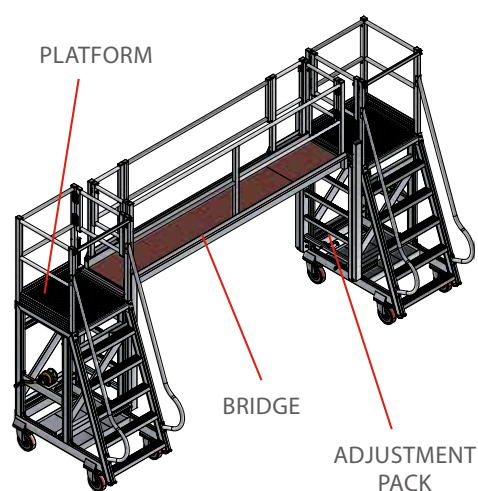
Code	Description
210465	BridgeDeck 6 Step Base Platform (LH Access)
210466	BridgeDeck 6 Step Base Platform (RH Access)
210467	BridgeDeck 9 Step Base Platform (LH Access)
210468	BridgeDeck 9 Step Base Platform (RH Access)
210469	BridgeDeck - Adjustment Pack (to suit 6/9 step)
210470	BridgeDeck - Adjustment 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
BS 12811-1



SCAN CODE
TO VIEW
VIDEO

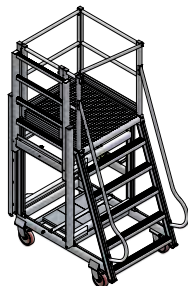
- › Perfect for bridging access over plant and equipment.
- › Can be used without bridge as maintenance platforms, or with bridge as a complete system.
- › 900mm of height adjustment for many different applications.
- › 1200mm height adjustable packs also available.
- › Easily height adjustable using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



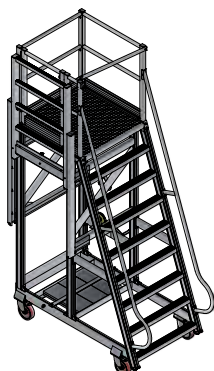


CUSTOMISE YOUR BRIDGEDECK

STEP 1: Choose YOUR Platform



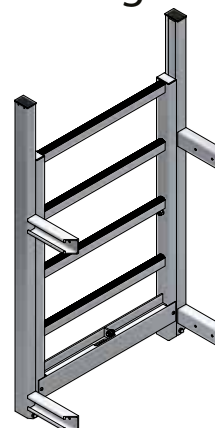
BridgeDeck 6 Step
Base Platform



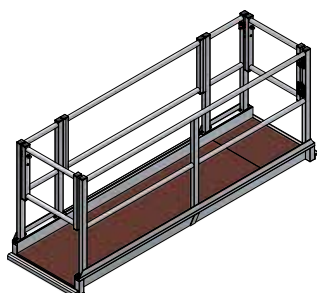
BridgeDeck 9 Step
Base Platform

STEP 2: Choose YOUR Height AdjustMENT Pack

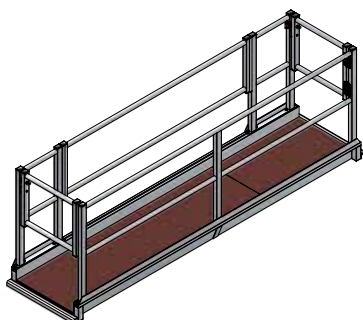
900mm height
adjustment packs can
be used on both the 6
and 9 step BridgeDeck
platforms, 1200mm
packs can be used with
the 9 step platforms
only.



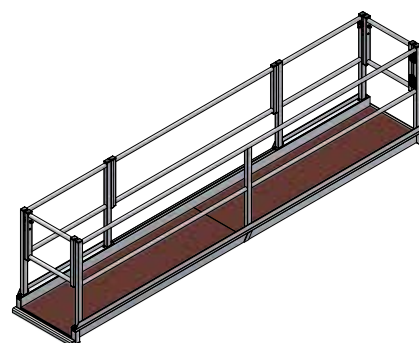
STEP 3: CHOOSE YOUR BRIDGE LENGTH



2.5m x 0.71m Bridge



3.0m x 0.71m Bridge



4.2m x 0.71m Bridge





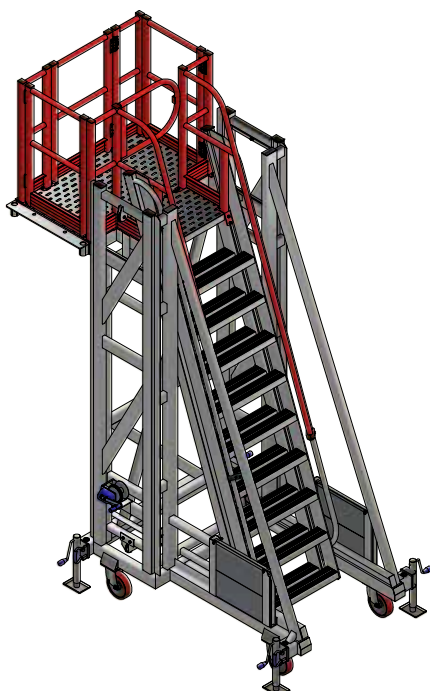
ULTRA RAISE

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)

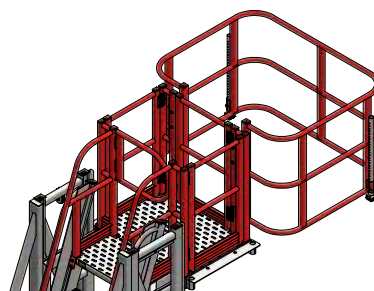
- › Platform height and bridge lengths are customisable.
- › Massive height adjustment range!
- › Compact and mobile for easy deployment and use in tight workshops.
- › 700mm clear cantilever regardless of the height it is set at.
- › Height adjustable platform with a manual winch.
- › 3 access directions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



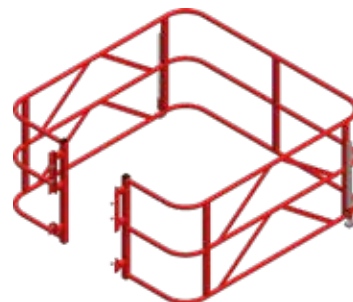
210375
7 Step UltraRaise



210376
10 Step UltraRaise



210378
Small Loop Guardrail Frame

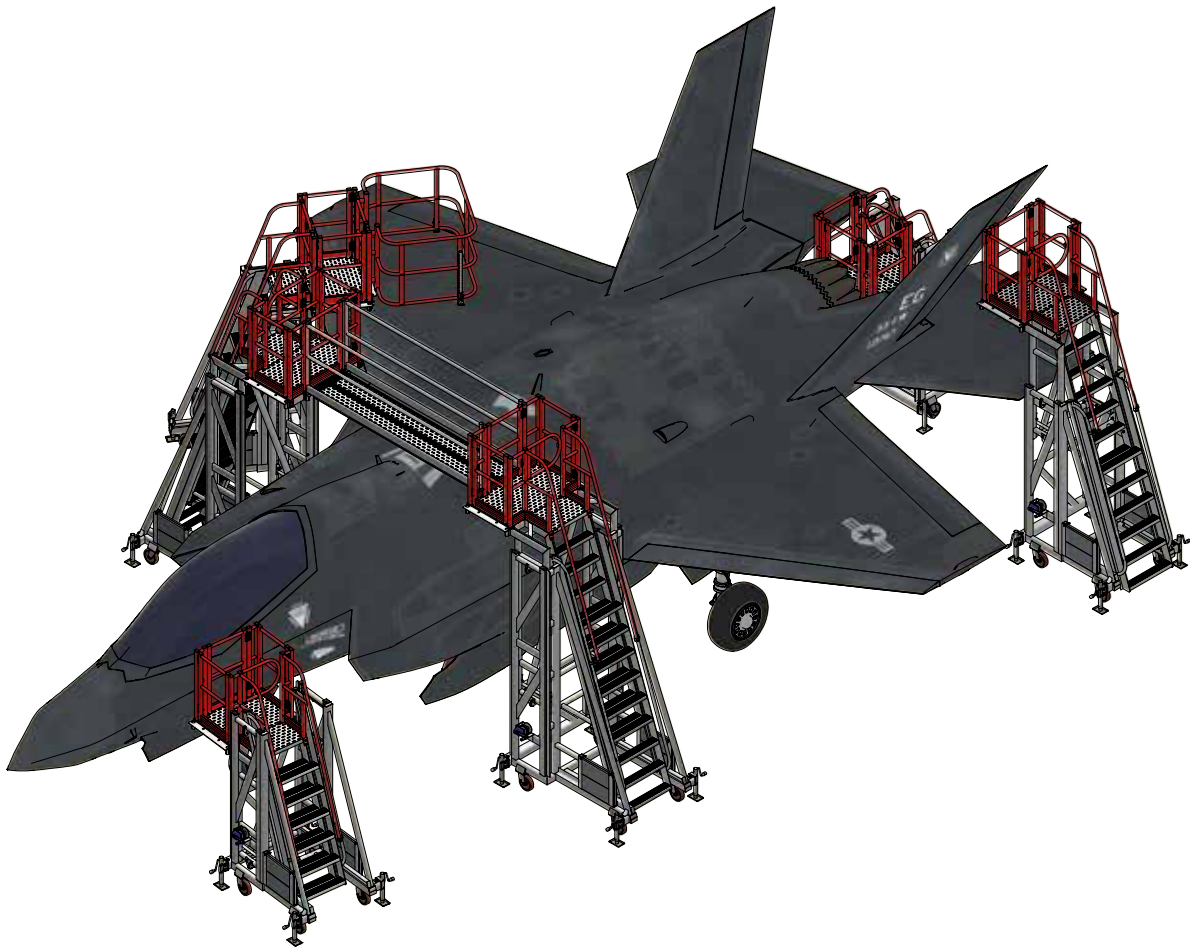


210377
Large Loop Guardrail Frame



ULTRA RAISE

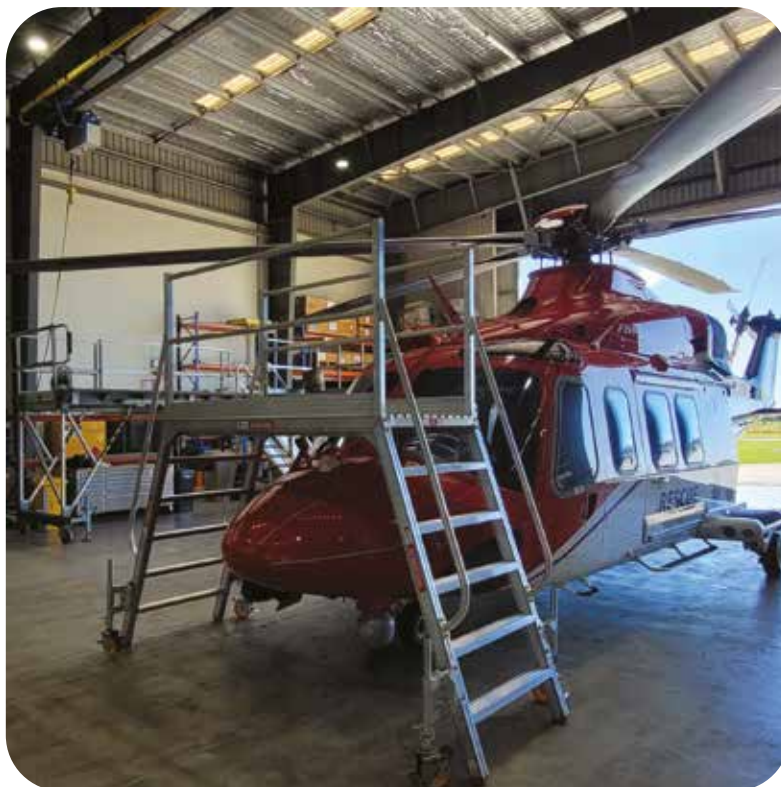
ACCESSORIES & GALLERY





MODULAR STEP OVER

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



CROSSOVER PLATFORM

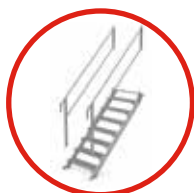


FOLDING STEP-THROUGH DESIGN



CONFIGURE YOUR MODULAR STEP OVER

45° LADDER RANGE
2 - 9 STEPS
373mmH - 2550mmH



70° LADDER
2 - 9 STEPS
560mmH - 2550mmH



VERTICAL LADDER
2 - 9 STEPS
560mmH - 2550mmH



Fixed Bolt-In
End Panel



PLATFORM BRIDGE
0.6ML - 6.0ML



CrossOver
Platform



Folding Step-
Through
Design



Retrofit Wheel Kit &
Height Adjustable
Castors



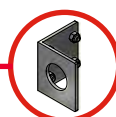
Modular Short Leg
Permanent



Permanent Base
Plate Set



Permanent Base
Plate Set
(Vertical Ladder)

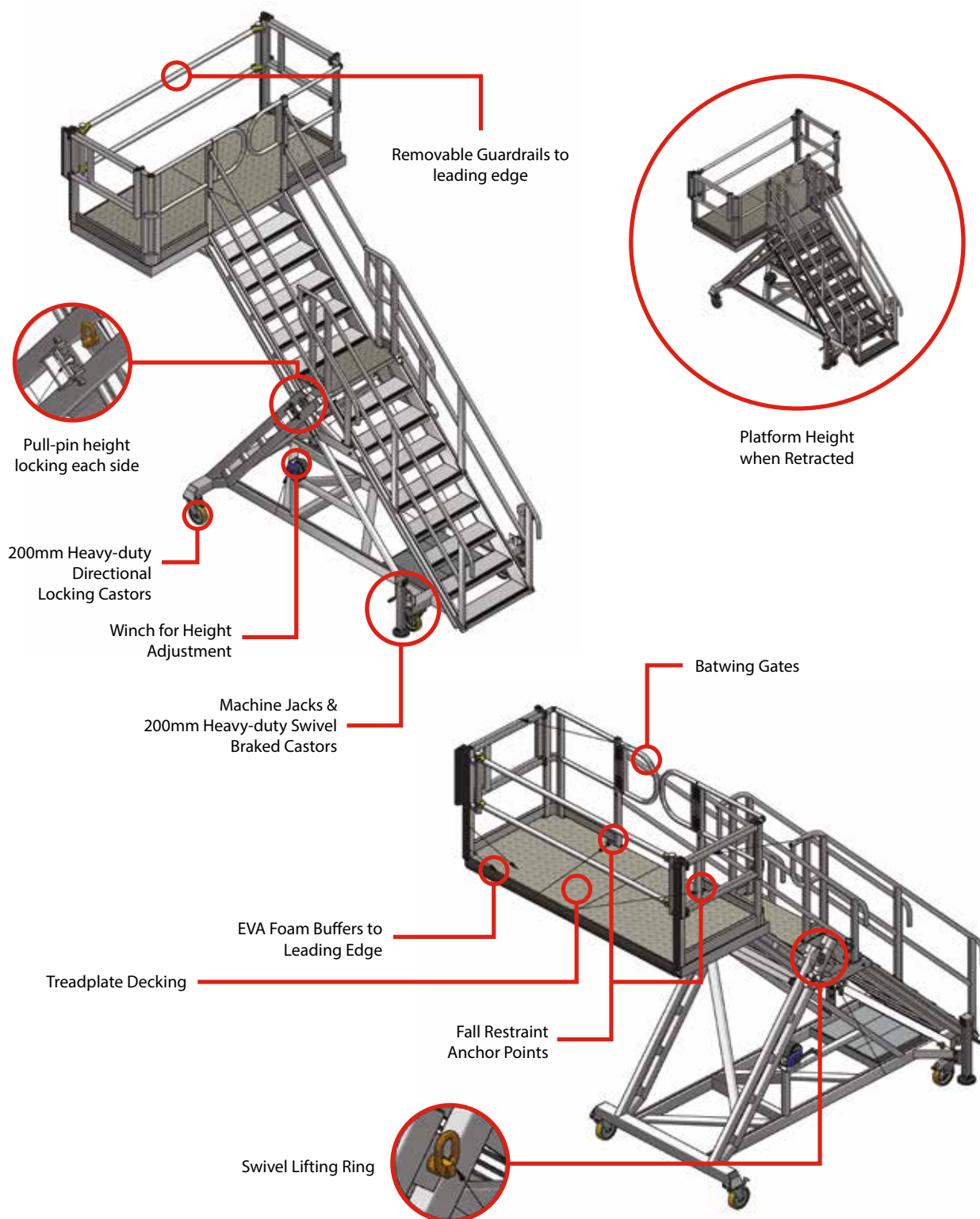


Lifting Lug Angled
Incl. Hardware



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

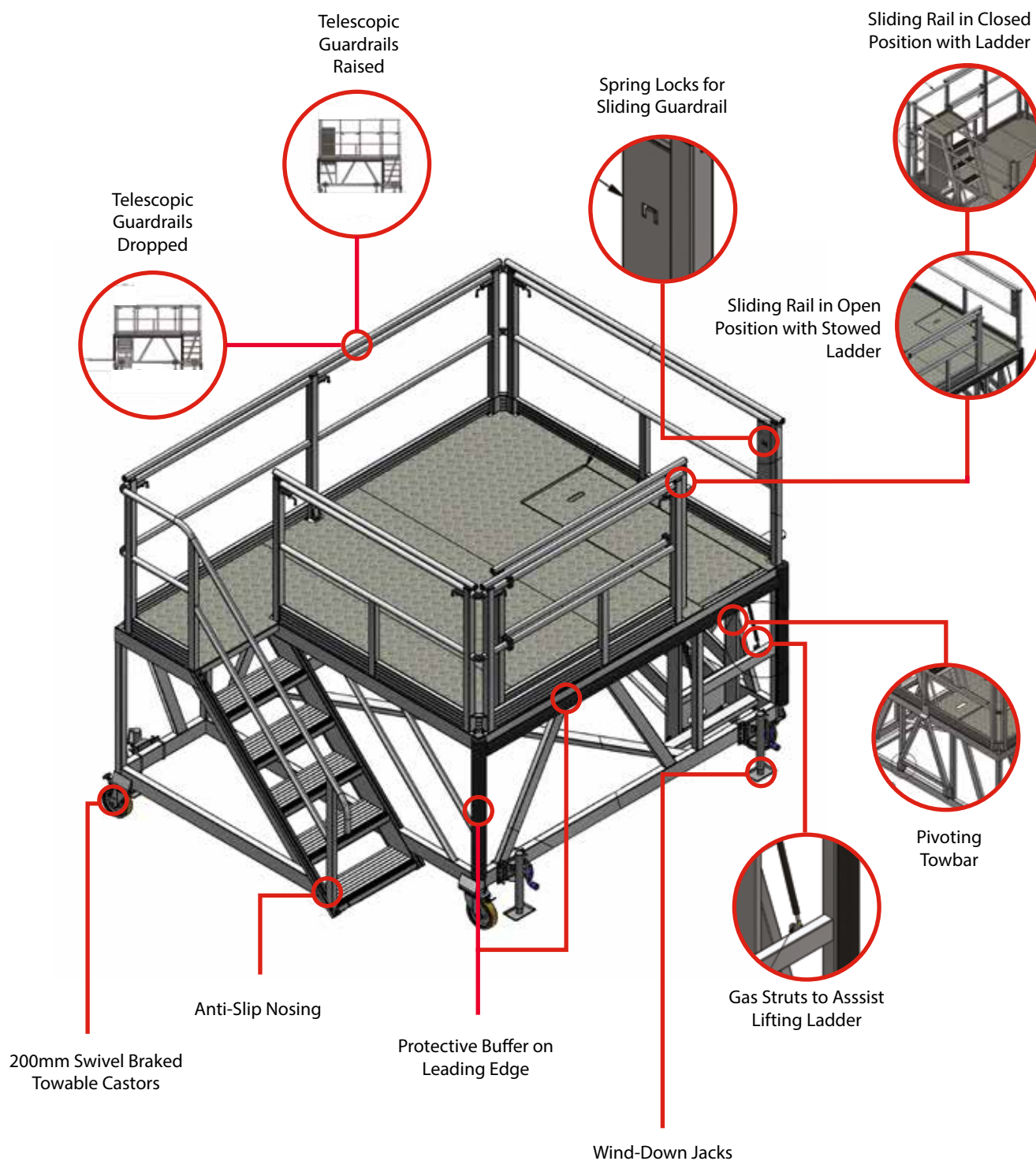
AIRBUS A220	28	ALENIA C-27J	107
AIRBUS A320/A321	30	LOCKHEED MARTIN C-130	110
AIRBUS A330	36	BOMBARDIER GLOBAL EXPRESS XRS	124
AIRBUS A350	40	BOMBARDIER Q300/Q400	128
AIRBUS A380	54	EMBRAER E190	142
ATR ATR 72	60	EMBRAER ERJ175	144
BAE 146	66	FOKKER 70, 100	146
BAE HAWK FIGHTER	67	LOCKHEED MARTIN F-35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





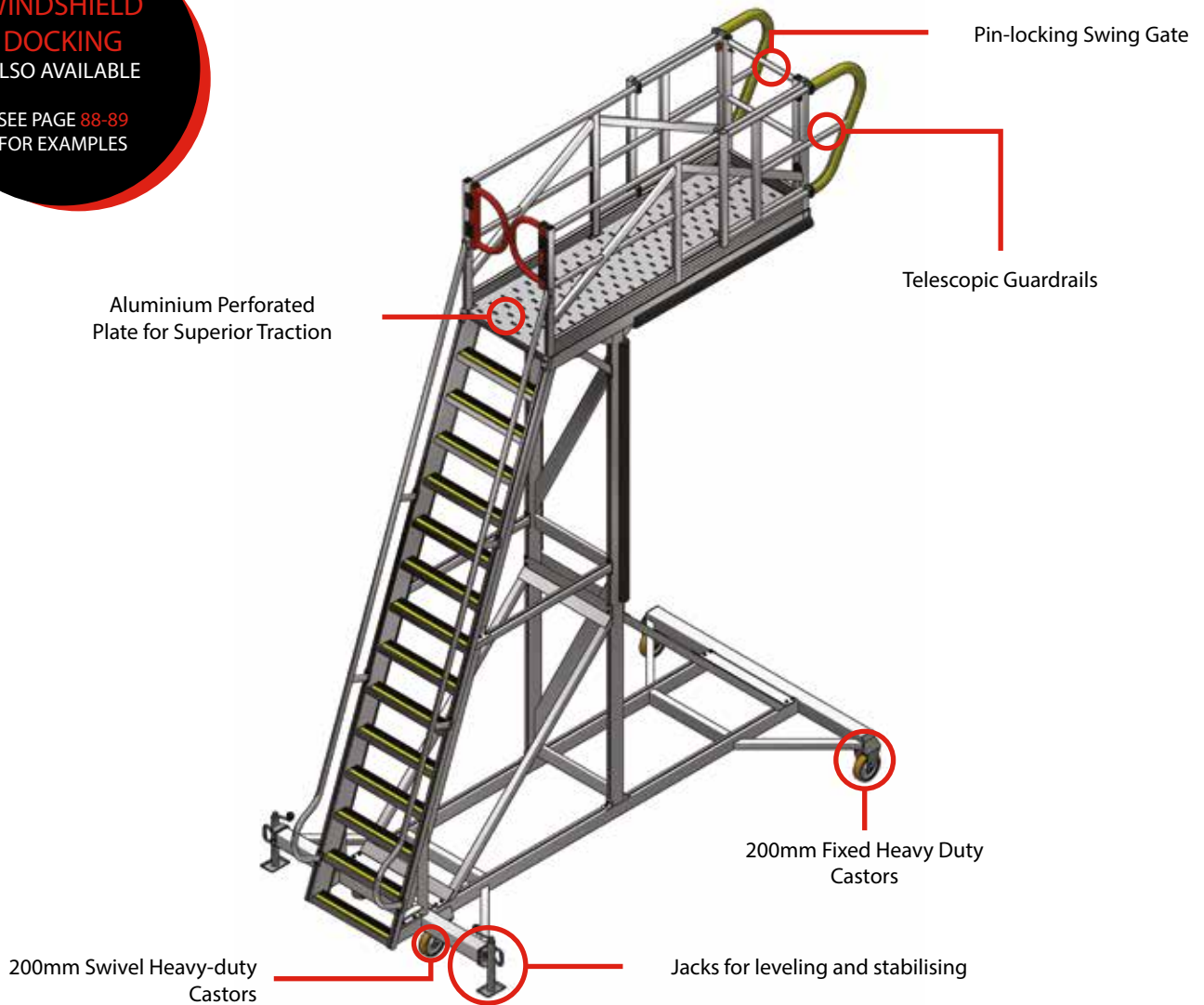
AIRBUS A320/A321

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

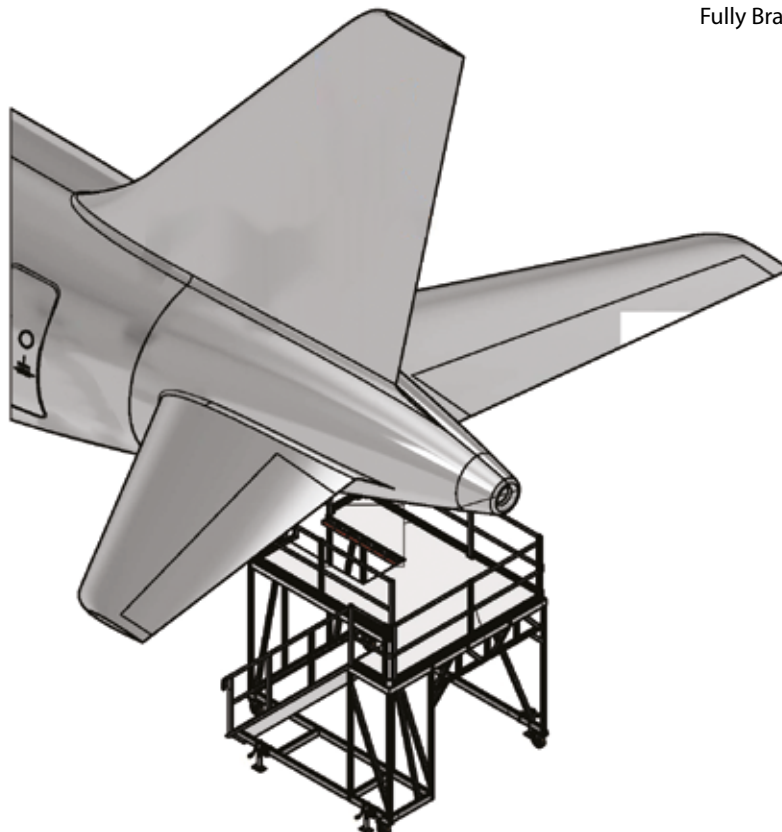
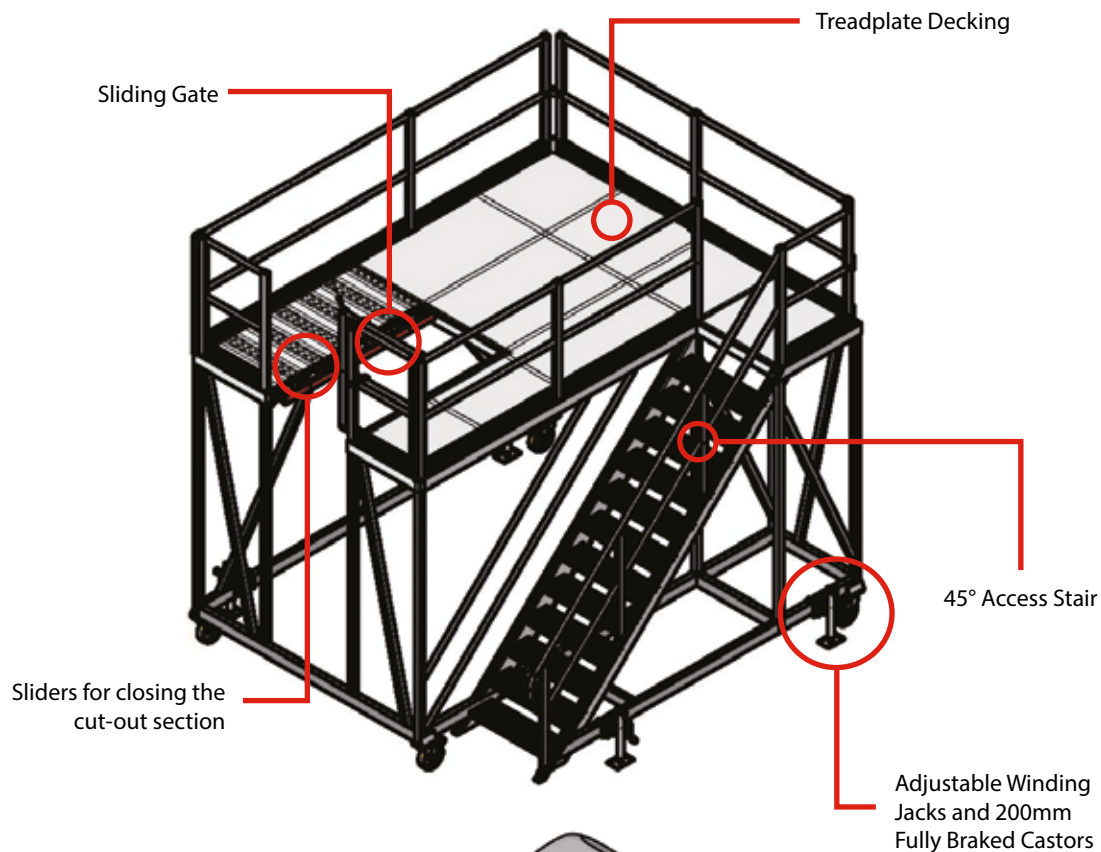




AIRBUS A320/A321

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.

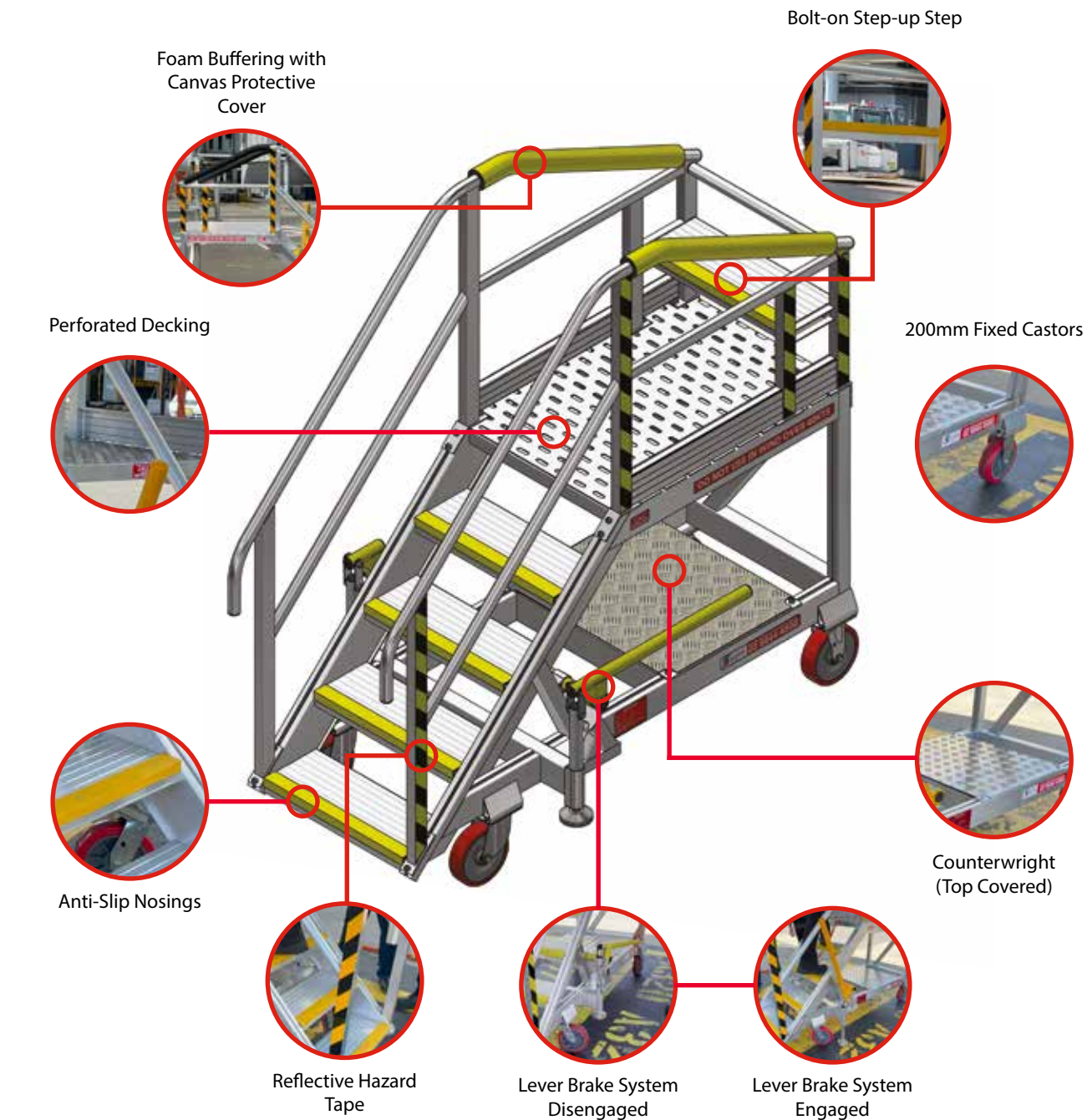




AIRBUS A320/A321

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.

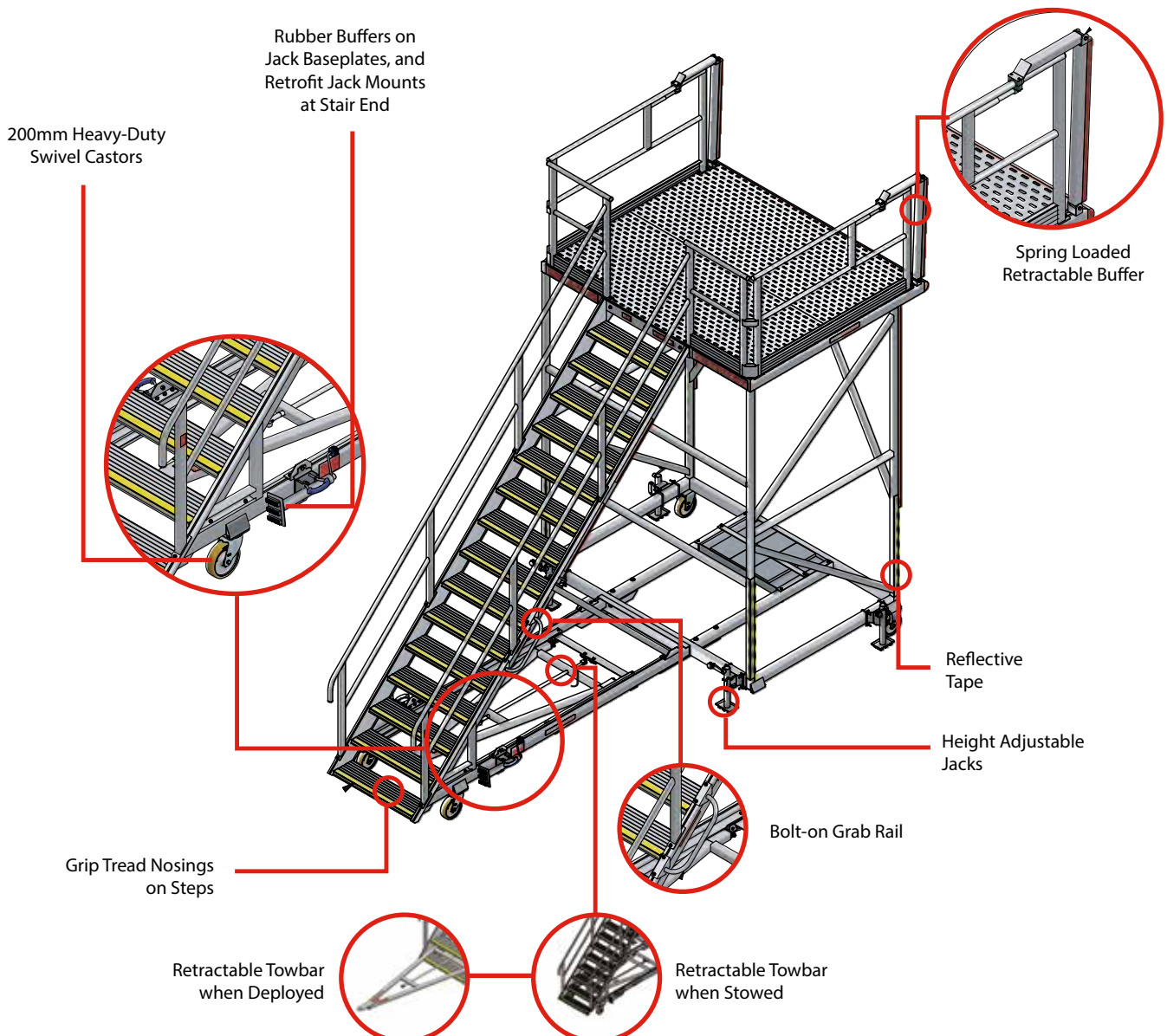




AIRBUS A320/A321

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.

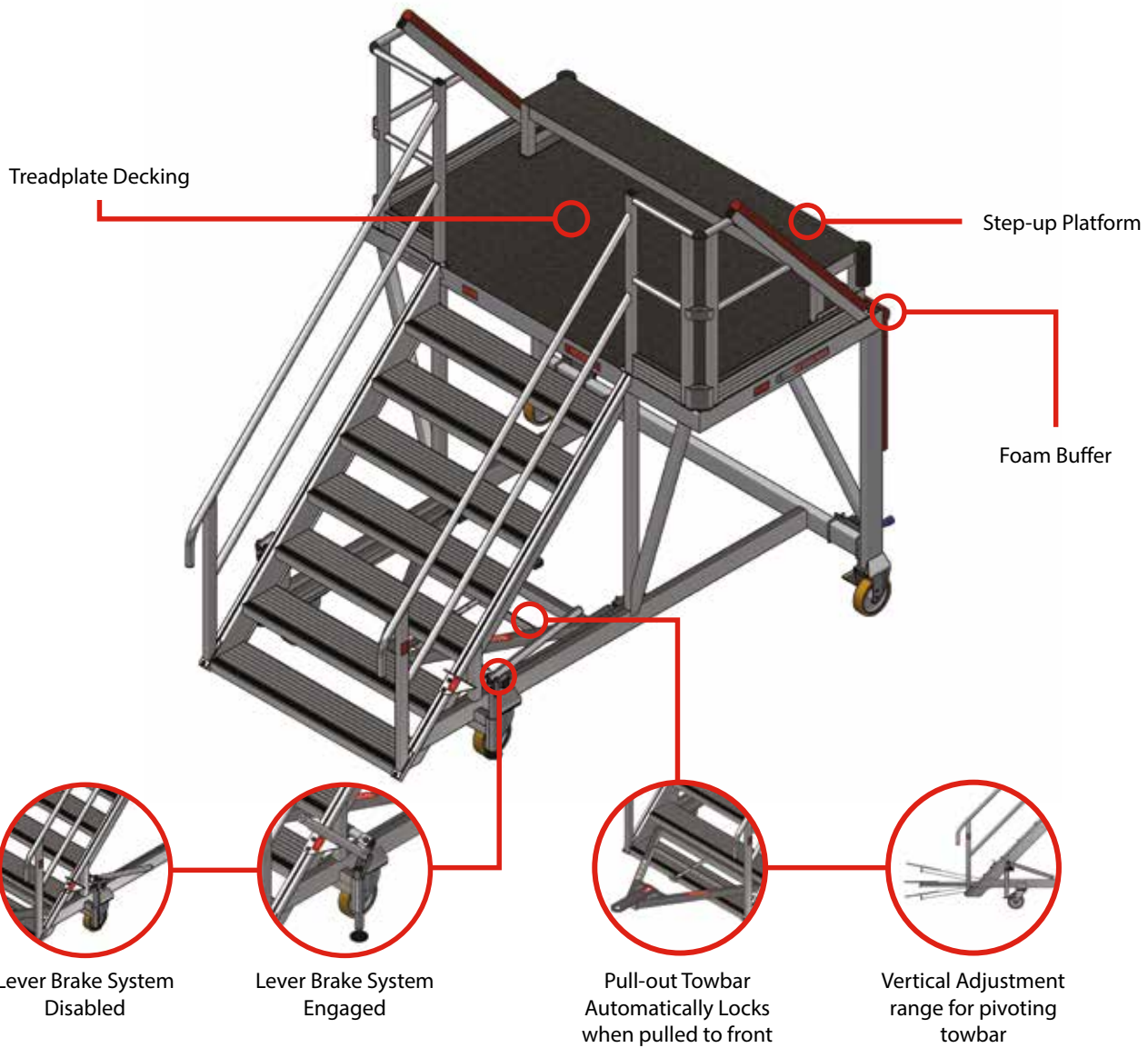




AIRBUS A320/A321

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.

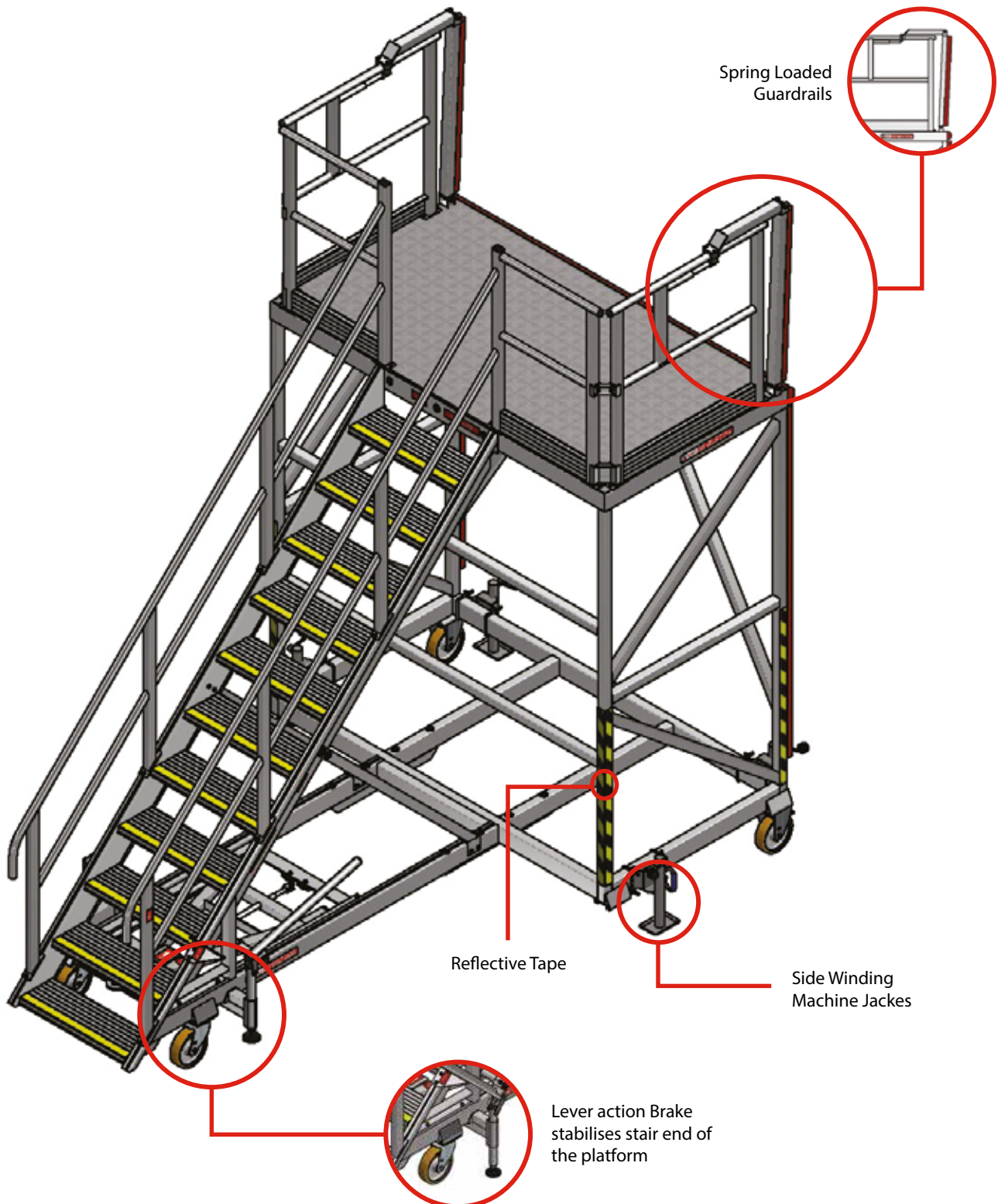




AIRBUS A330

CARGO DOOR ACCESS STAIRS

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

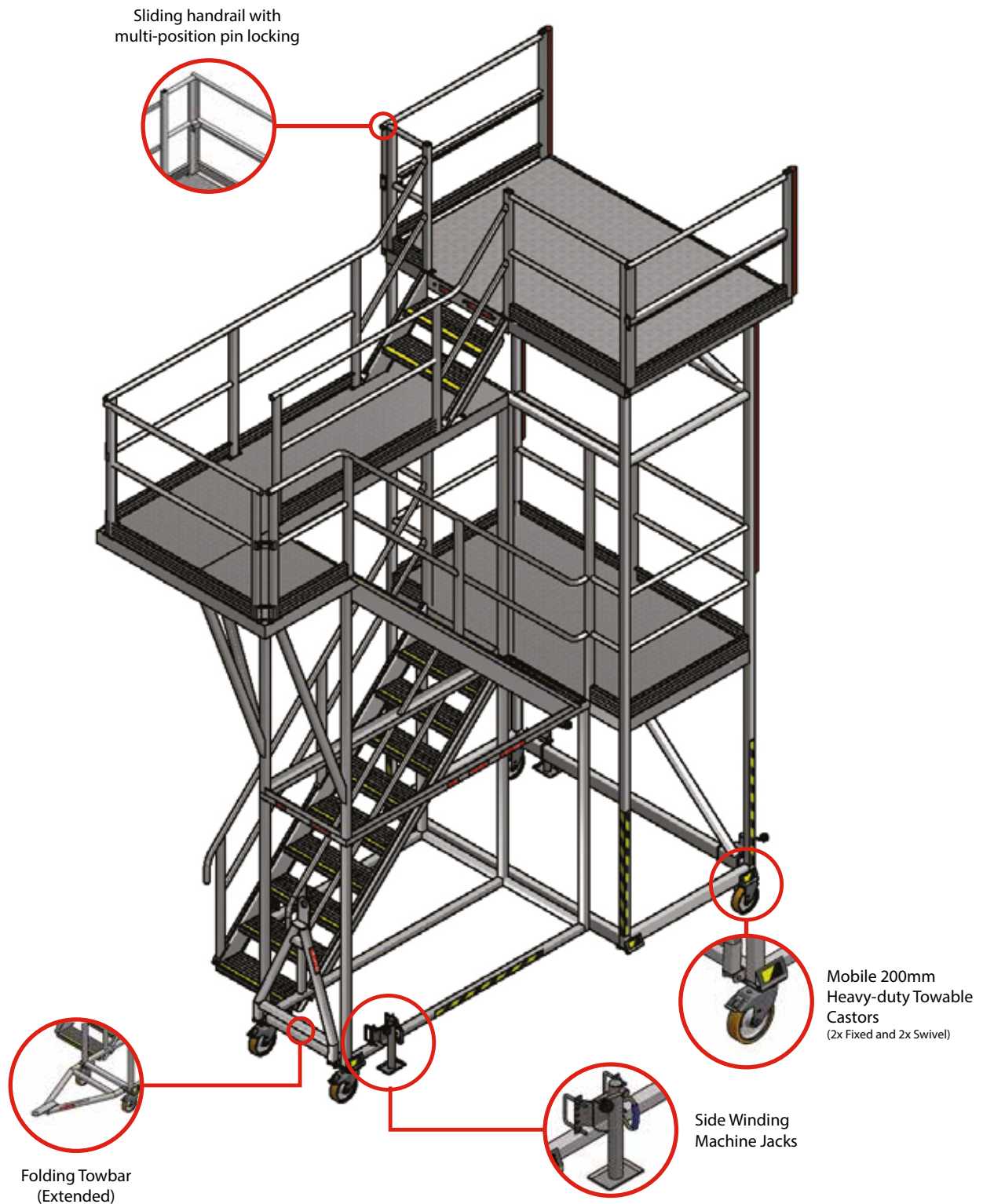




AIRBUS A330

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.



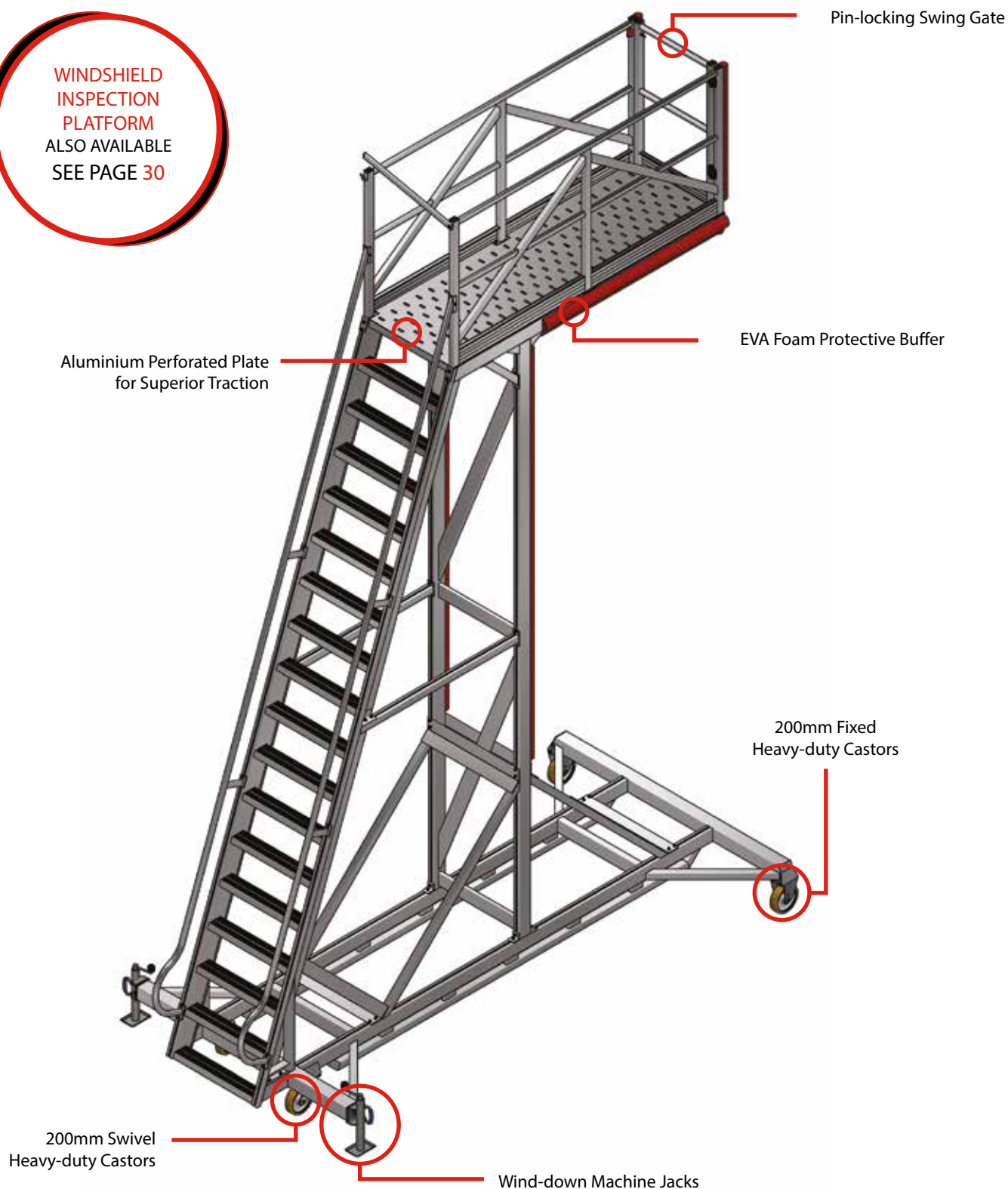


AIRBUS A330

ANTI-ICE VALVE, PYLON AND HORIZONTAL STABILISER PLATFORM

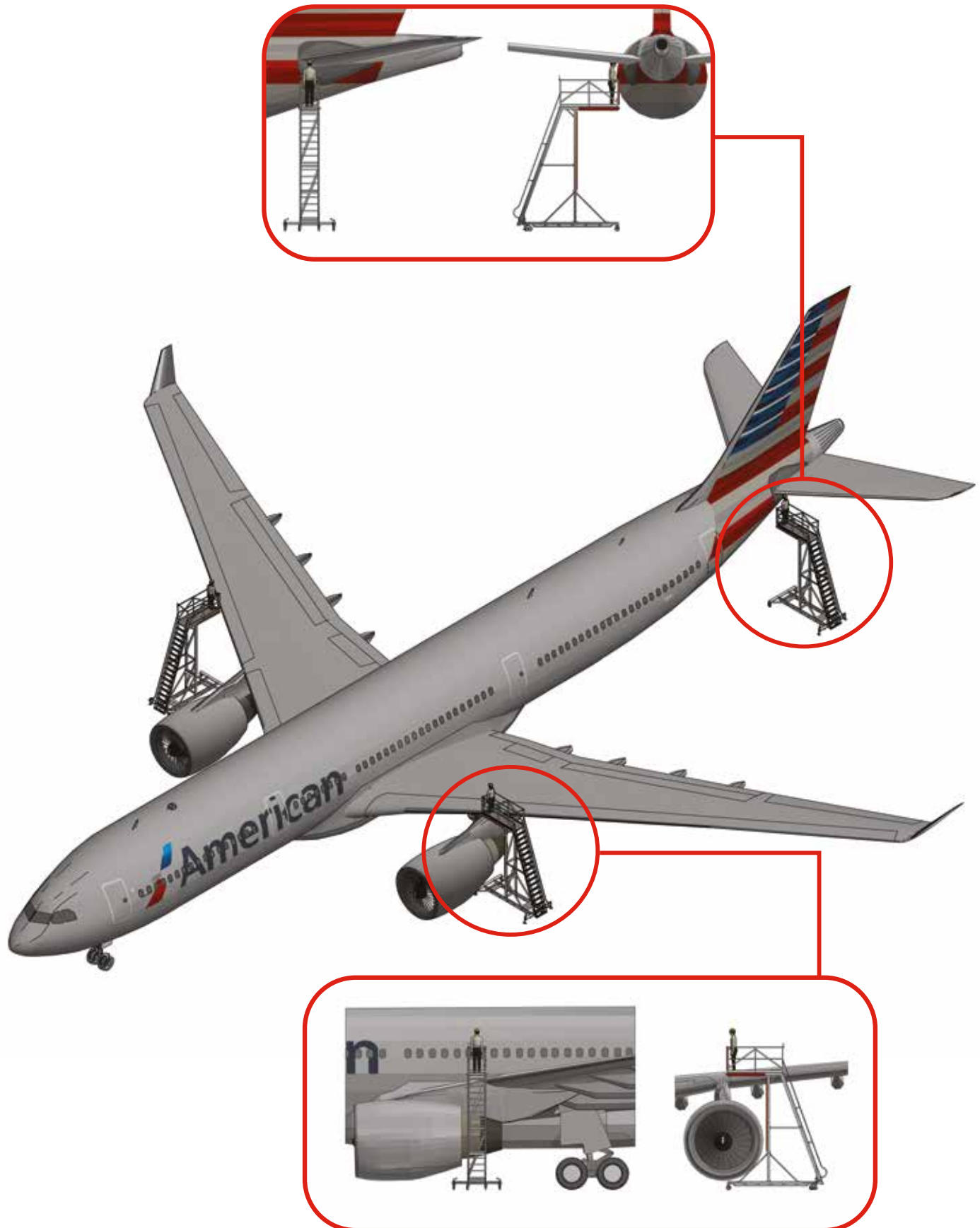
- › Multi-purpose platform for inspections and maintenance tasks on various areas of the aircraft such as the anti-ice valve, pylon, APU, and horizontal stabiliser.

WINDSHIELD
INSPECTION
PLATFORM
ALSO AVAILABLE
SEE PAGE 30





AIRBUS A330

ANTI-ICE VALVE, PYLON AND HORIZONTAL
STABILISER PLATFORM

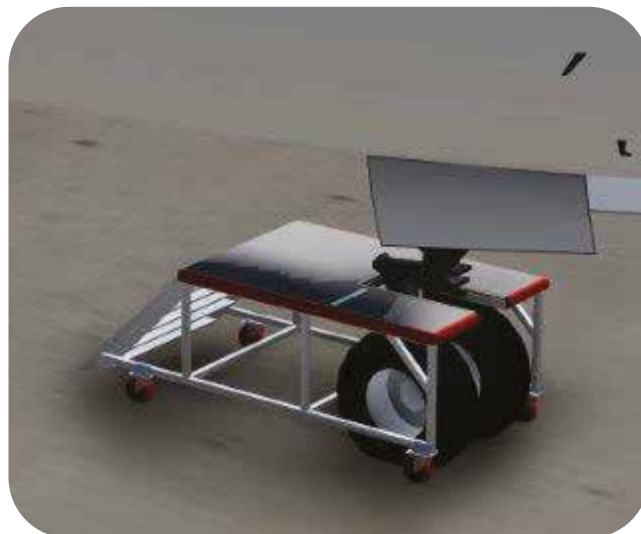


AIRBUS A350

NOSE LANDING GEAR ACCESS

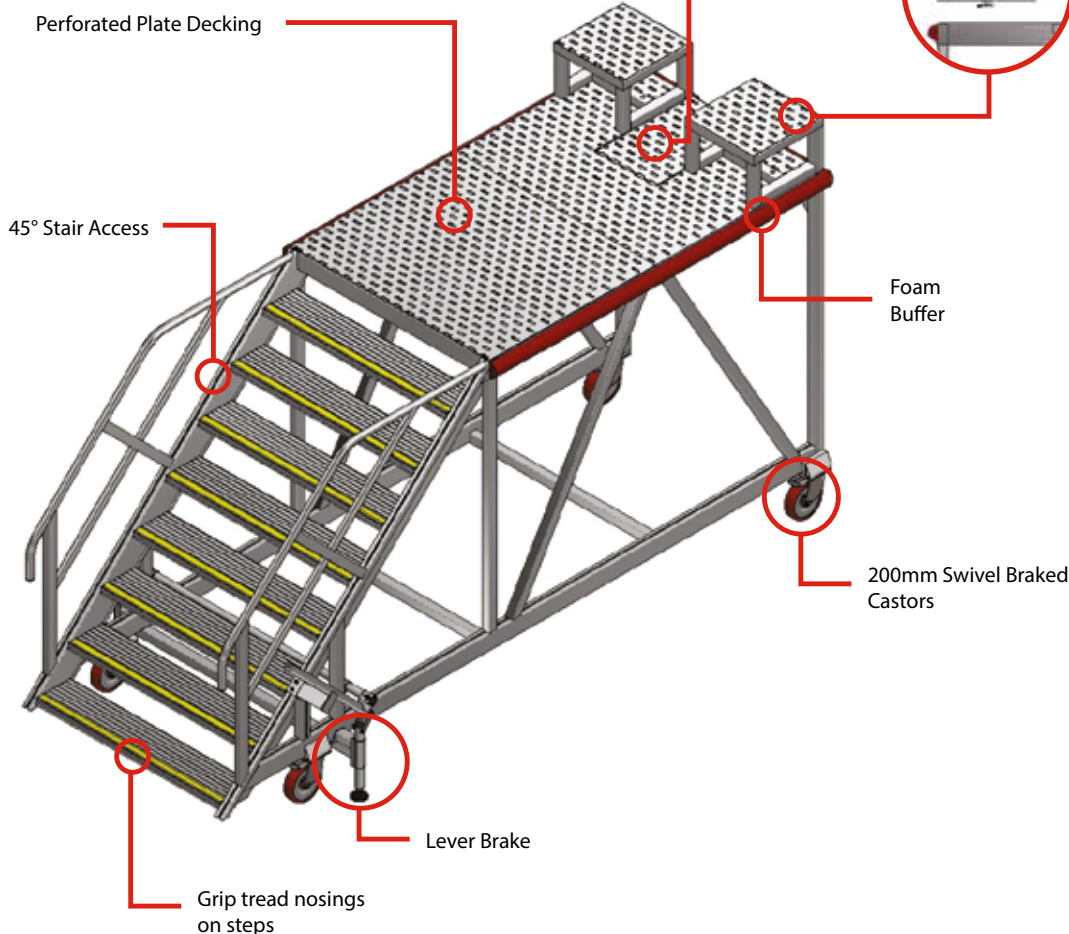
- › Large and stable work platform for access around the NLG.
- › Perforated plate decking allows for oil and grime to drain away.

WITHOUT REMOVABLE STEPS



Removable Slot Cover

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

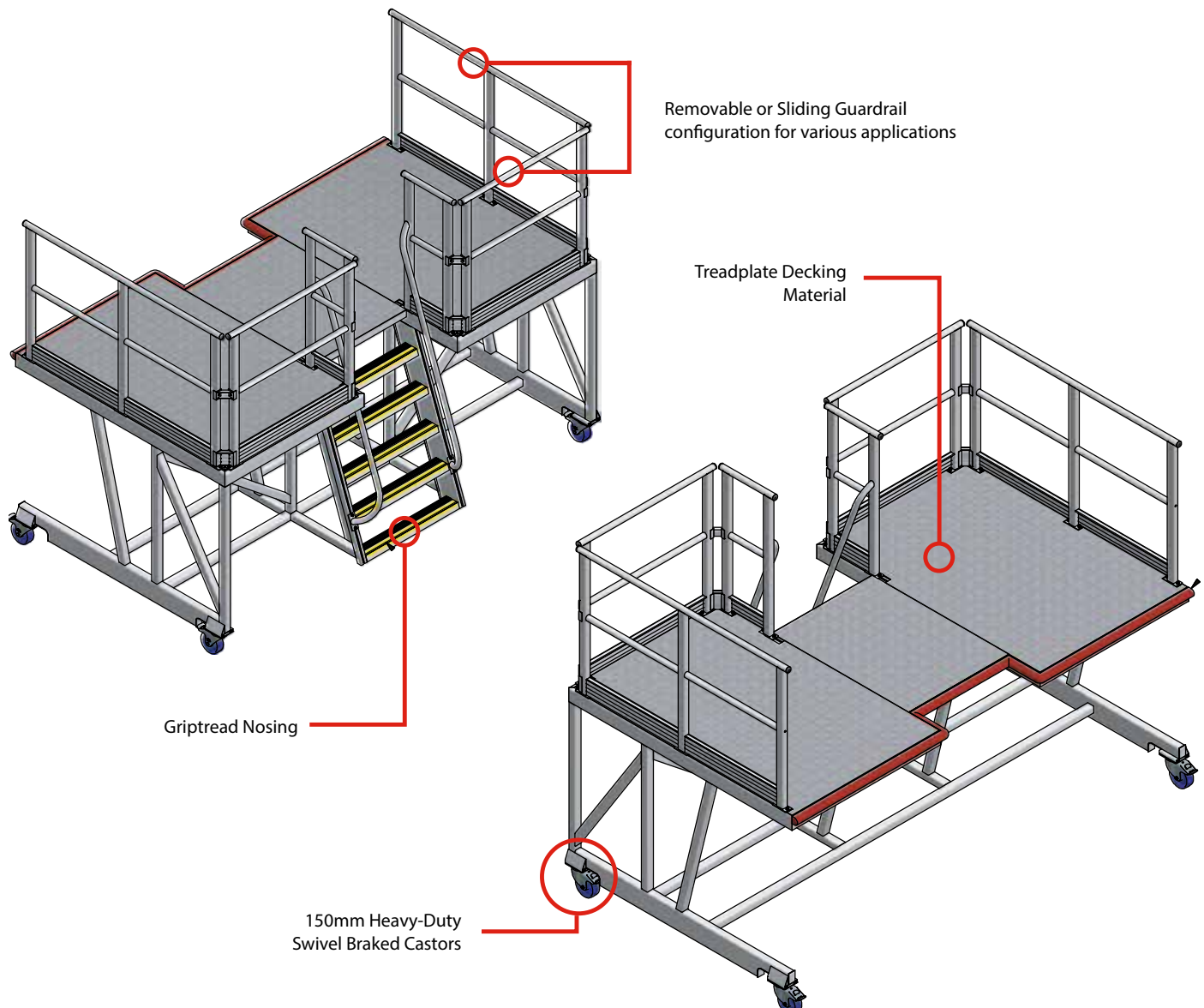




AIRBUS A350

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.

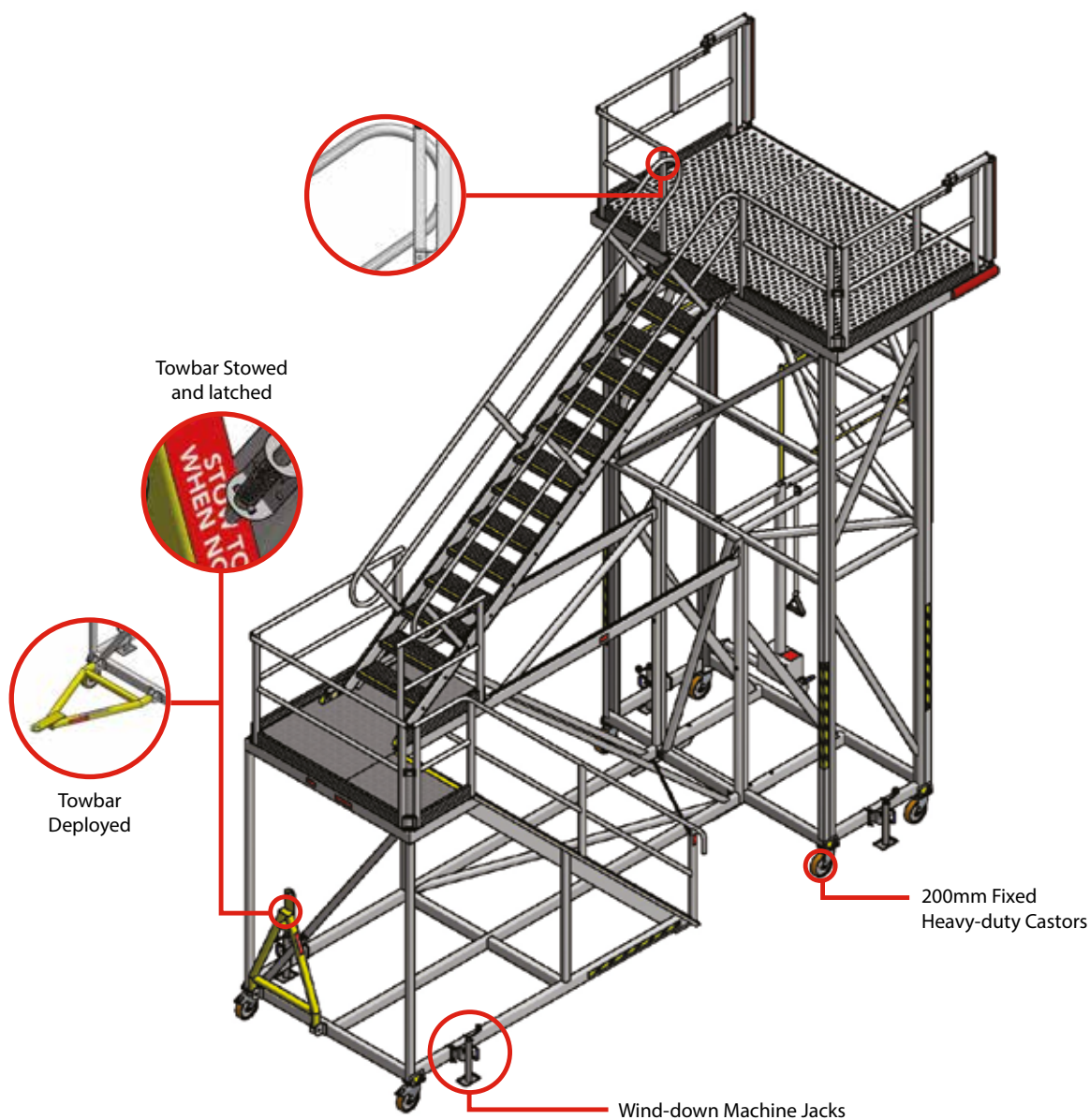




AIRBUS A350

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

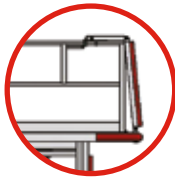
And many more aircraft models. For more information, contact your local SafeSmart Aviation Representative.



AIRBUS A350

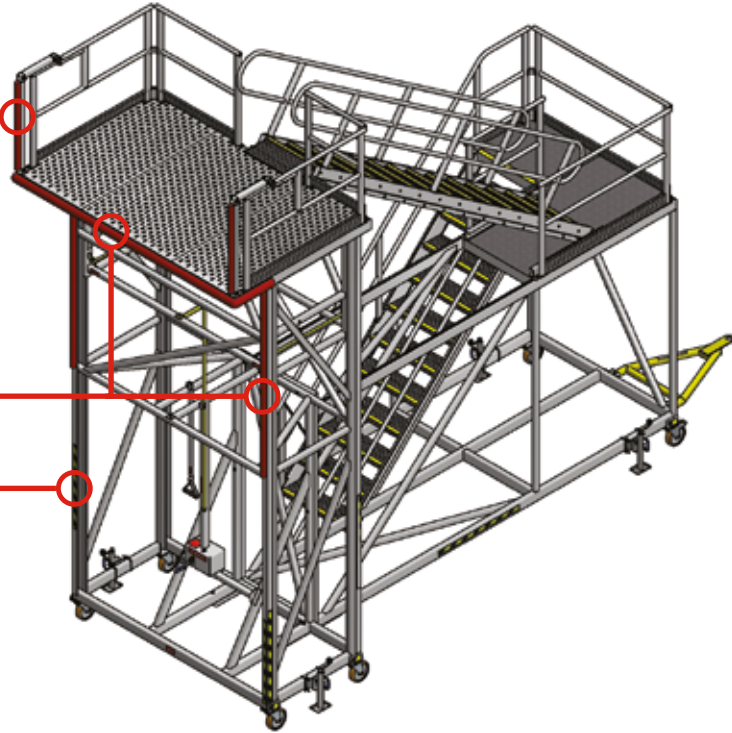
HEIGHT ADJUSTABLE MED ACCESS STAND

Spring-loaded Pivoting
Post Retracted



Foam Protective Buffer

Reflective Tape





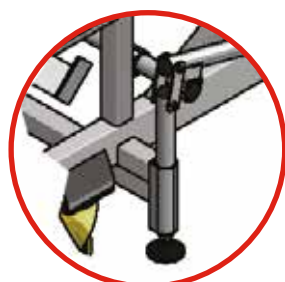
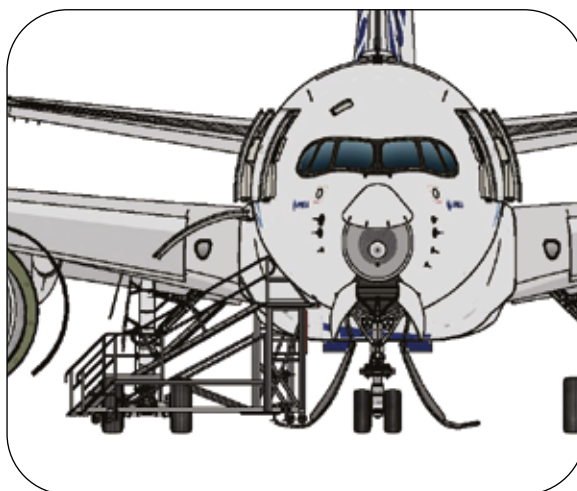
AIRBUS A350

ADJUSTABLE CARGO DOOR ACCESS STAIRS - WIDE SERIES

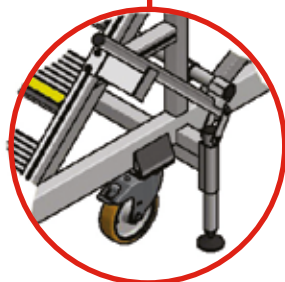
- › Allows for personnel access into the cargo hold area.
- › Wide series platform eliminates any gaps between the platform and the cargo door, removing any fall risk.

MANY CONFIGURATIONS & OPTIONS

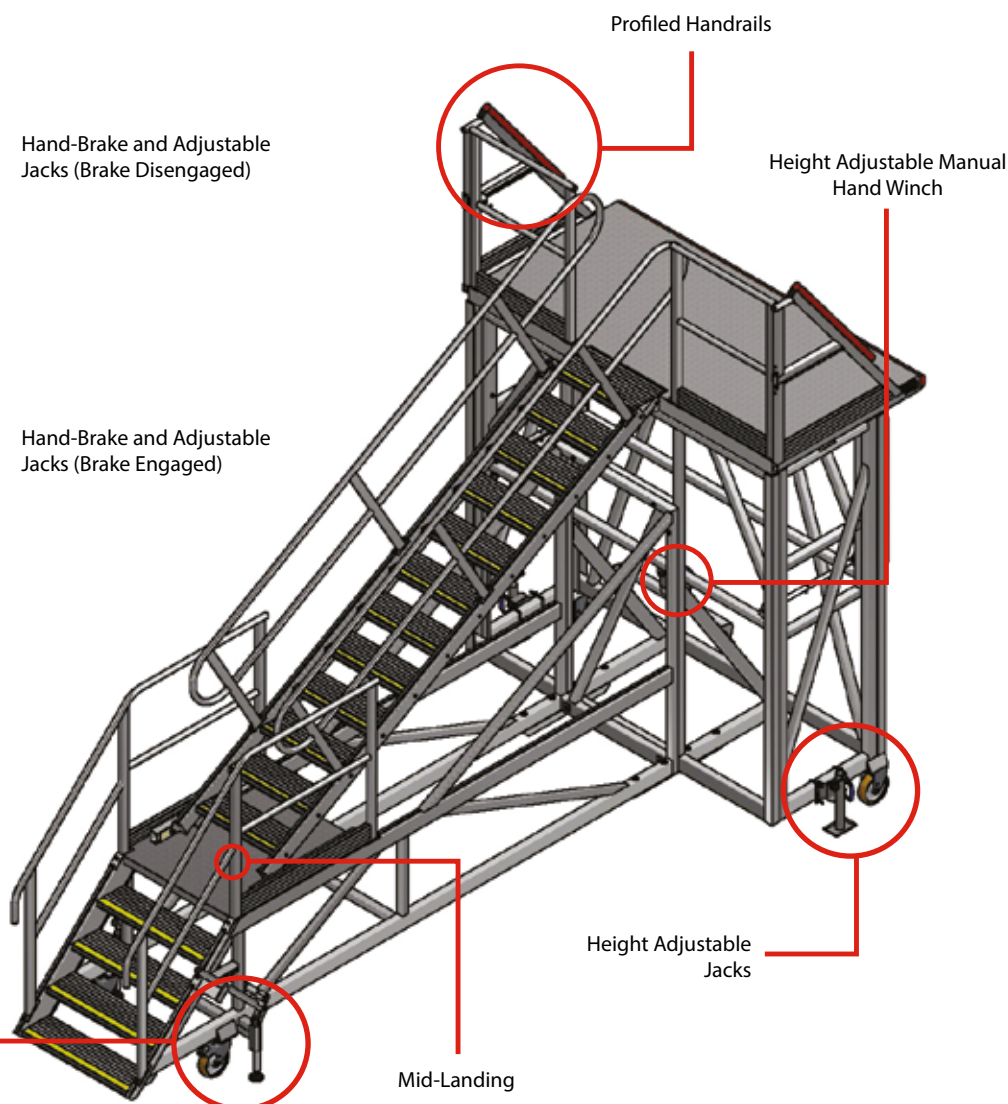
- › Multiple step configurations.
- › Sliding or profiled handrails available.
- › Towable options available.
- › Wide and Narrow Body Aircraft.
- › Self-levelling stair access, providing consistent angle, and hands free access.



Hand-Brake and Adjustable
Jacks (Brake Disengaged)



Hand-Brake and Adjustable
Jacks (Brake Engaged)

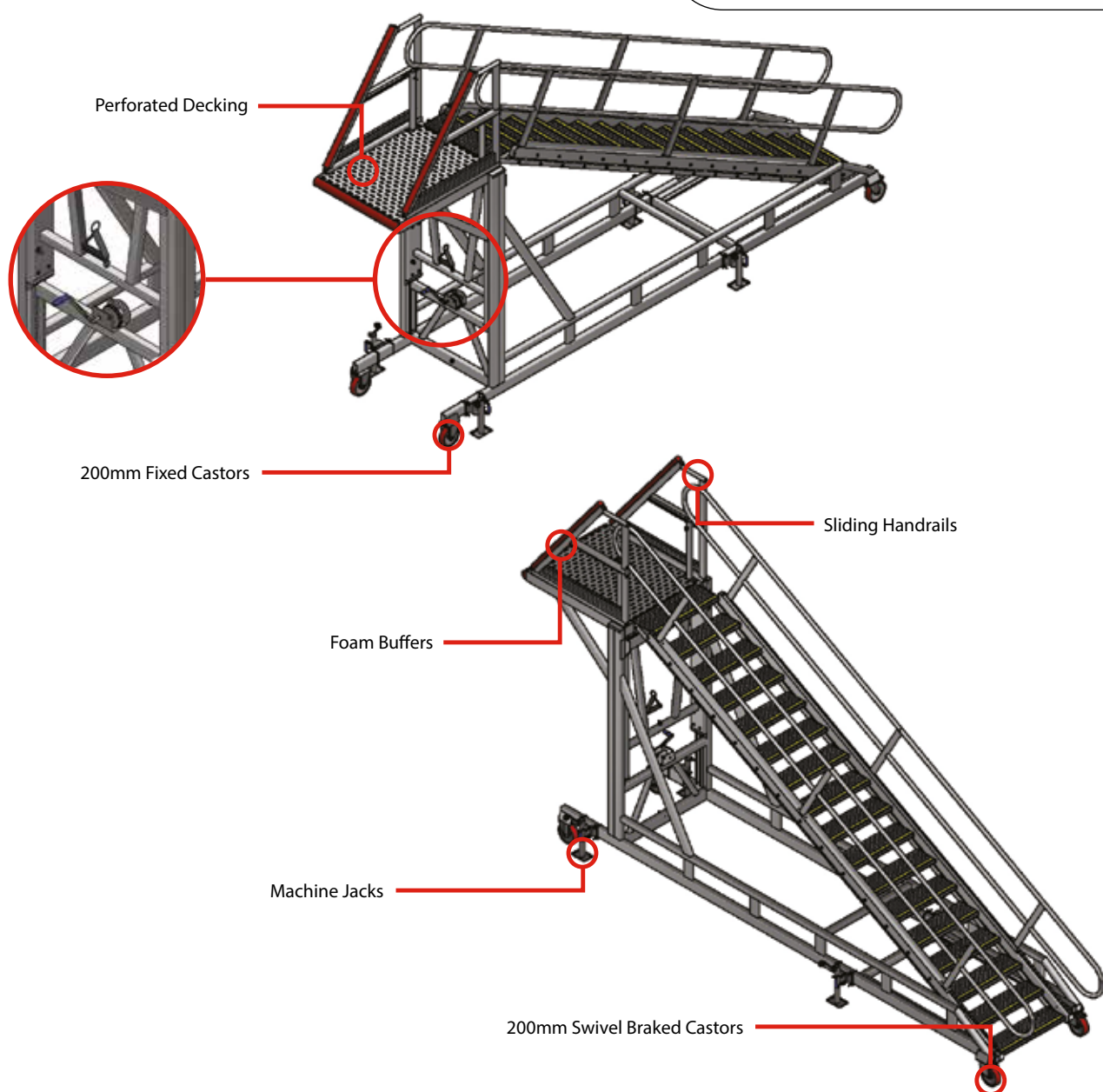




AIRBUS A350

HEIGHT ADJUSTABLE CARGO DOOR ACCESS STAIRS - NARROW SERIES

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

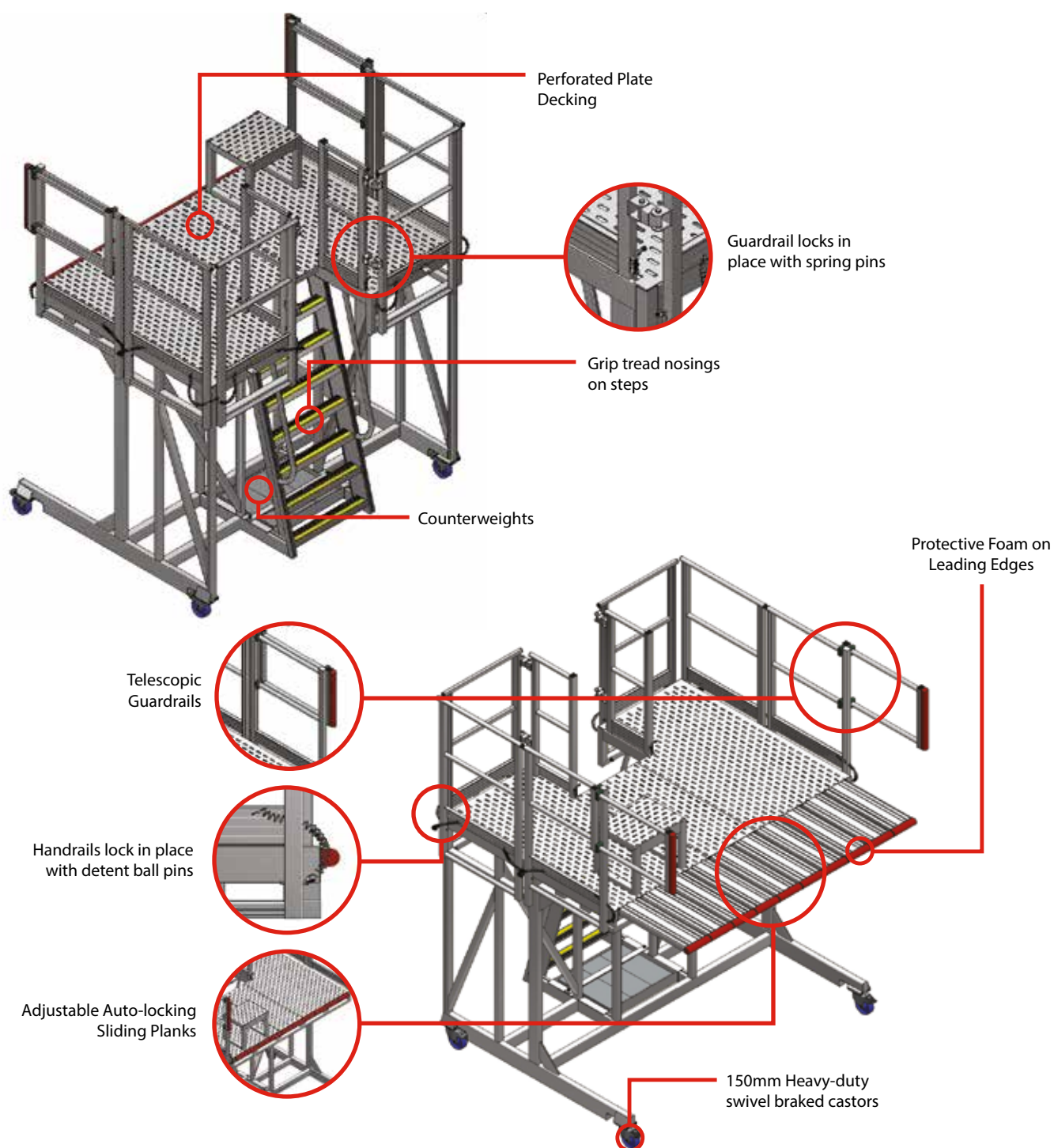




AIRBUS A350

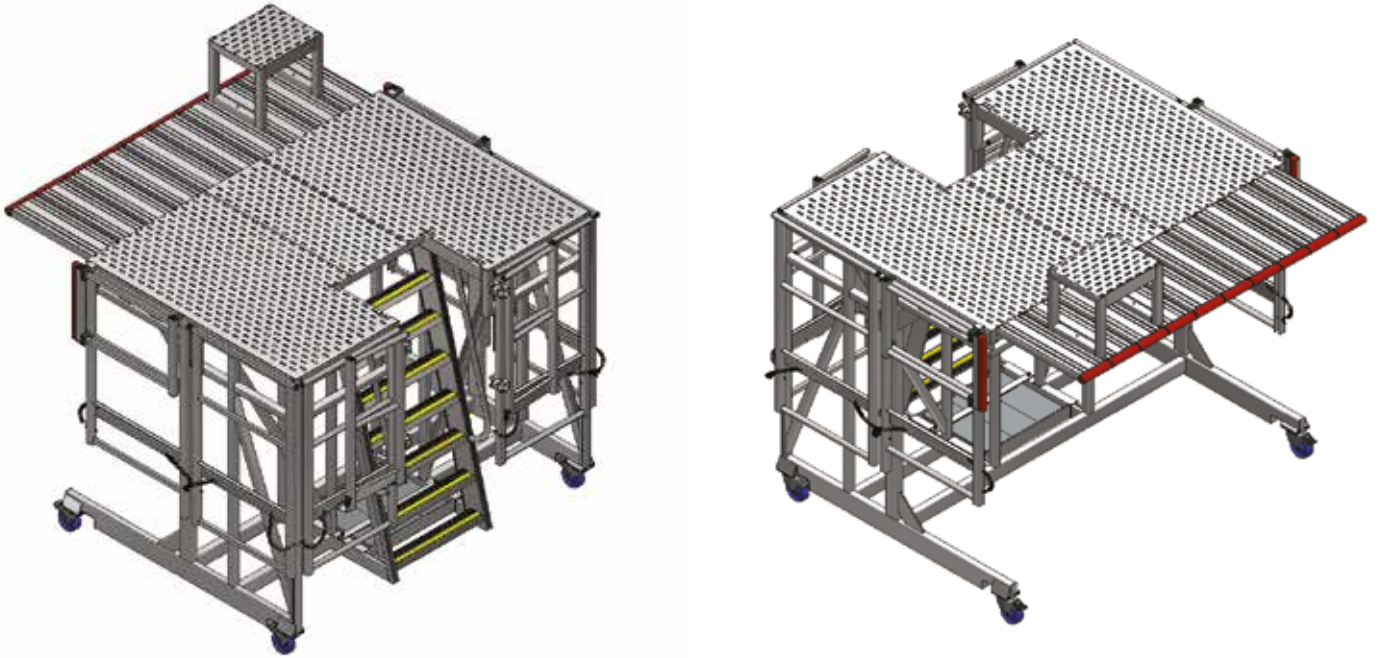
MAIN LANDING GEAR SERVICING & LUBRICATION PLATFORM

- › 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

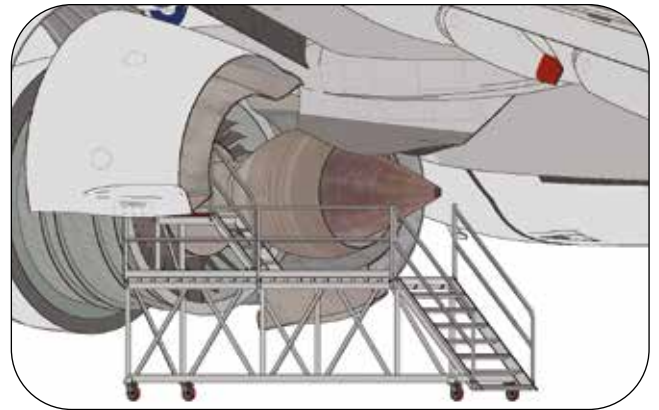
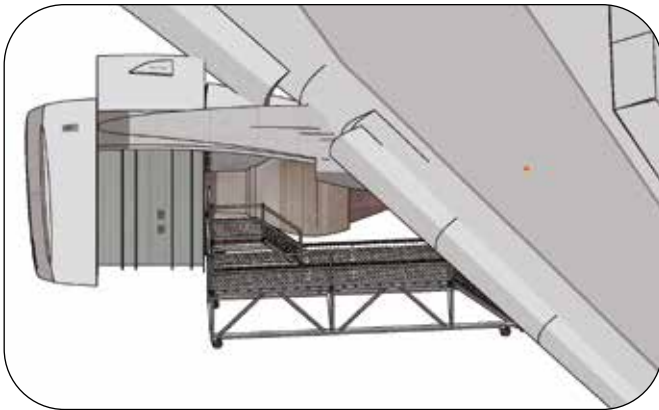
MLG SERVICING AND LUBRICATION PLATFORM WITH
GUARDRAILS LOWERED



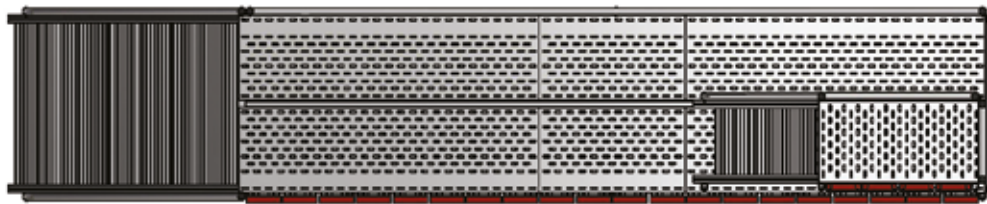
AIRBUS A350

ENGINE CHANGE DOCKING

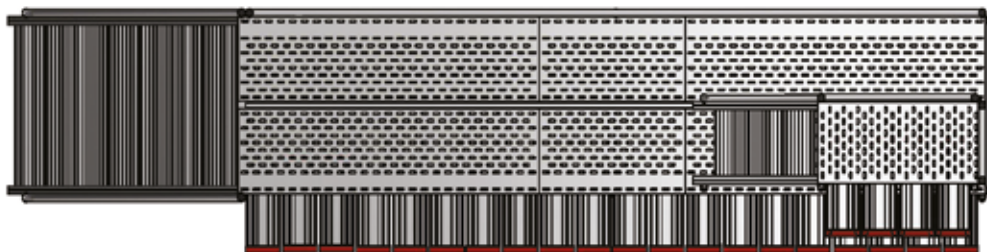
- › Provides access down the length of the engine.
- › Sliders configure to match the profile of the aircraft engine.
- › Step-up stand on roller tracks down the length of the engine, to provide additional access to the top of the engine.



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.

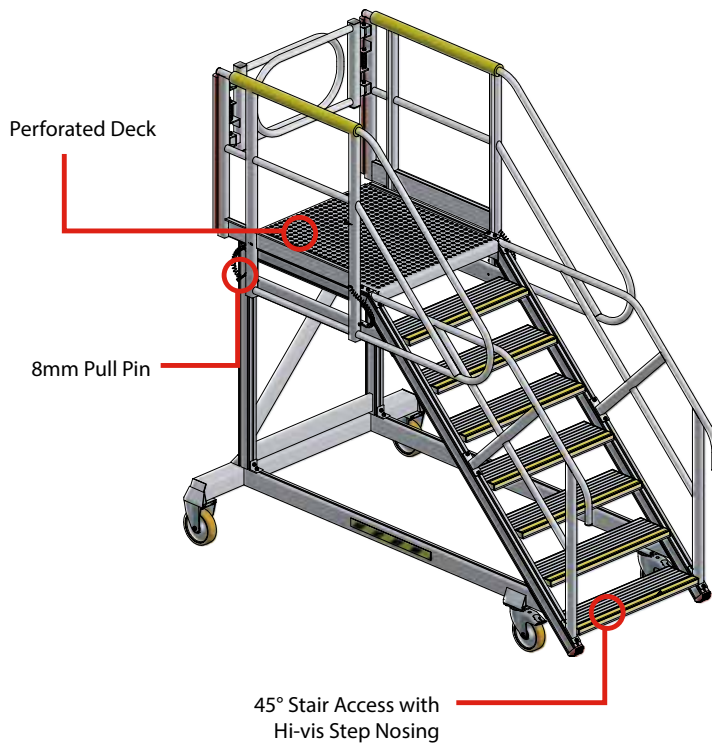




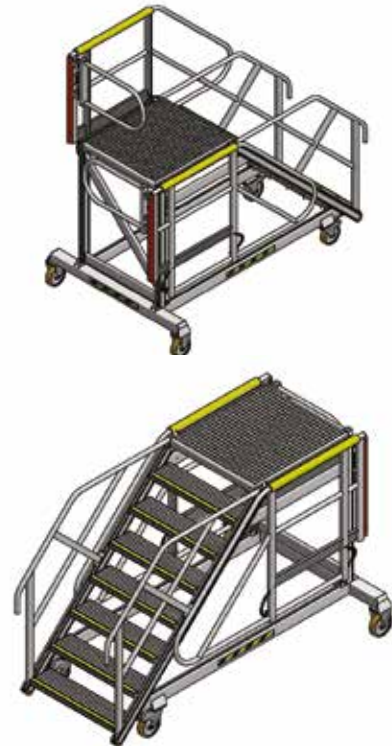
AIRBUS A350

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

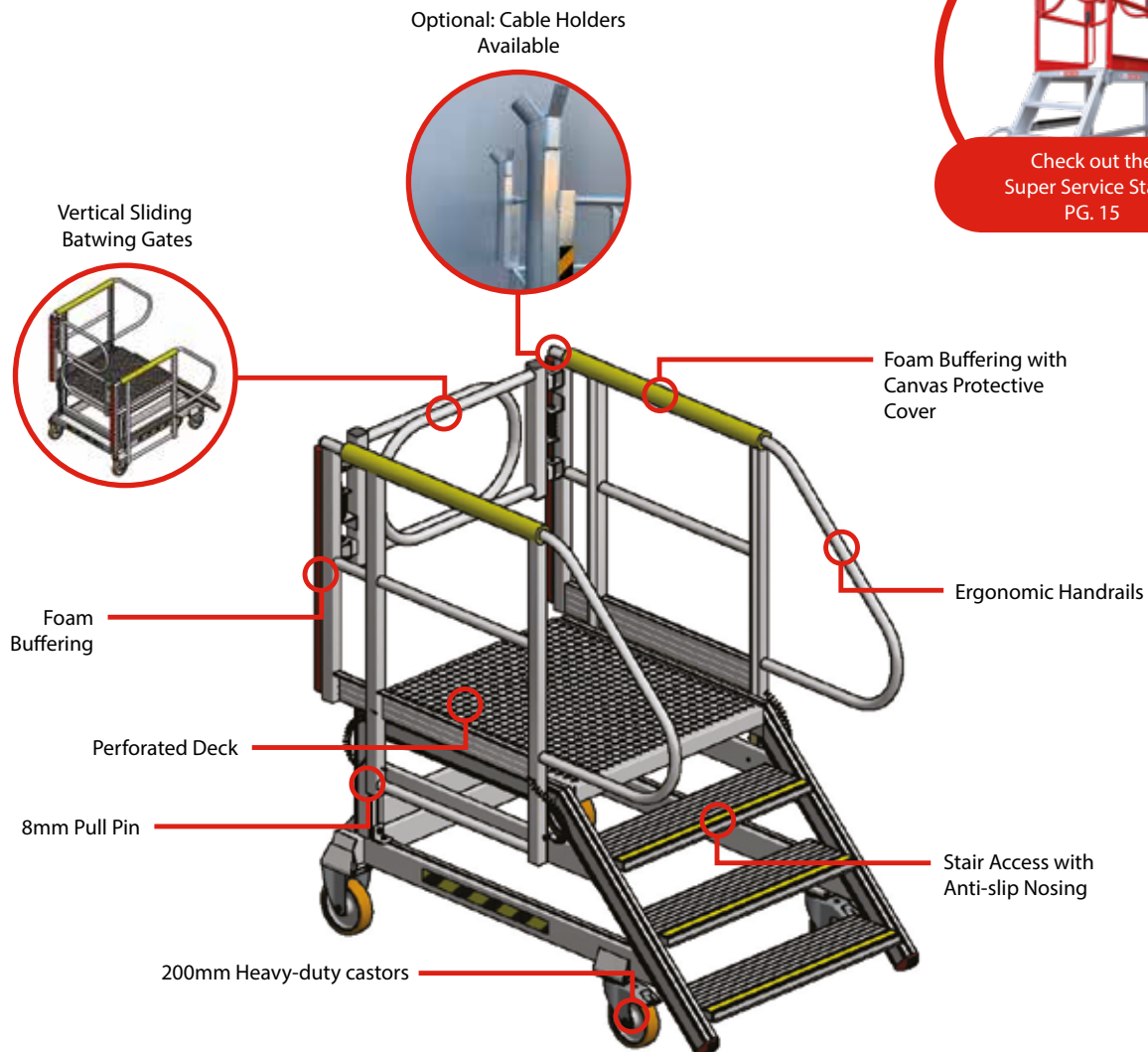




AIRBUS A350

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.

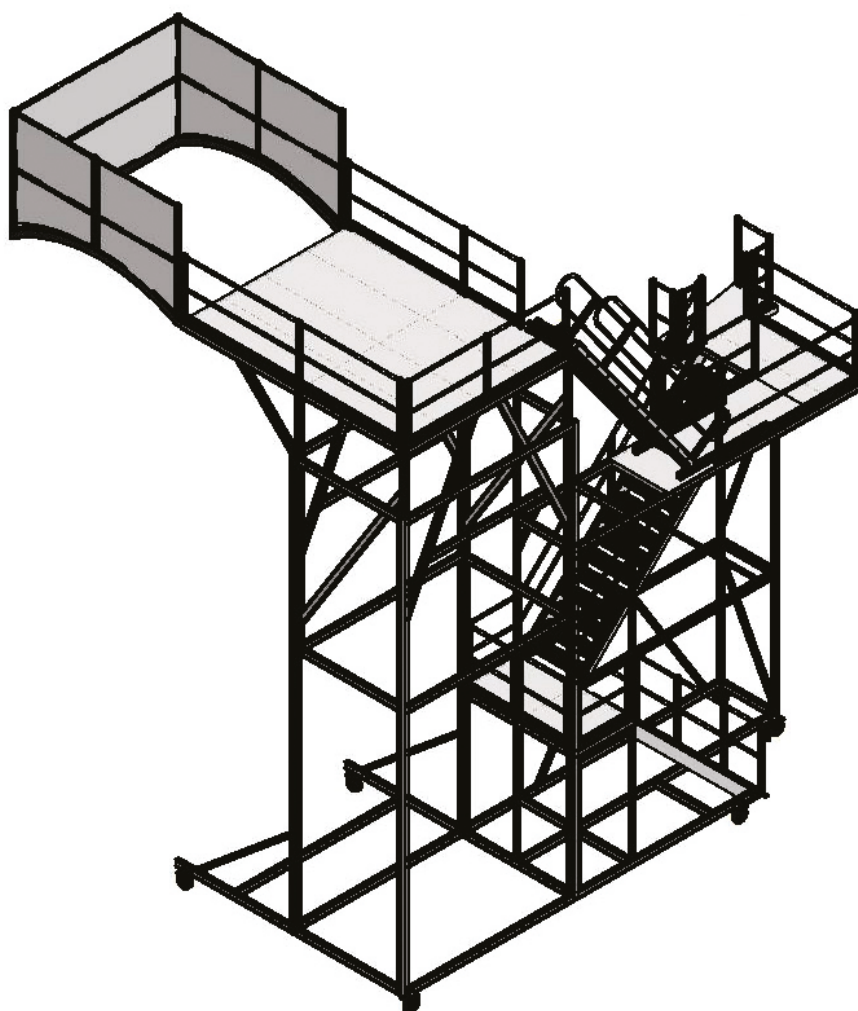




AIRBUS A350

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

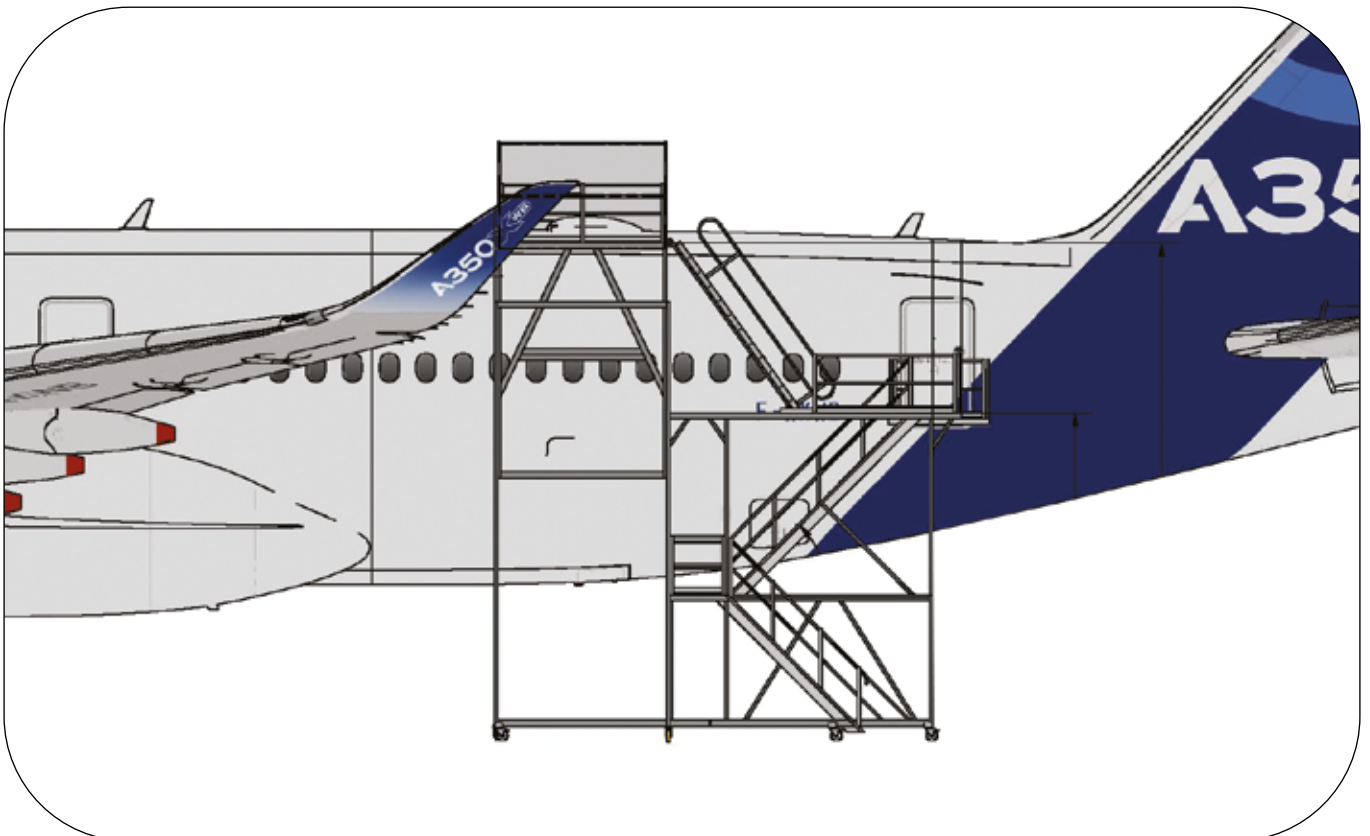
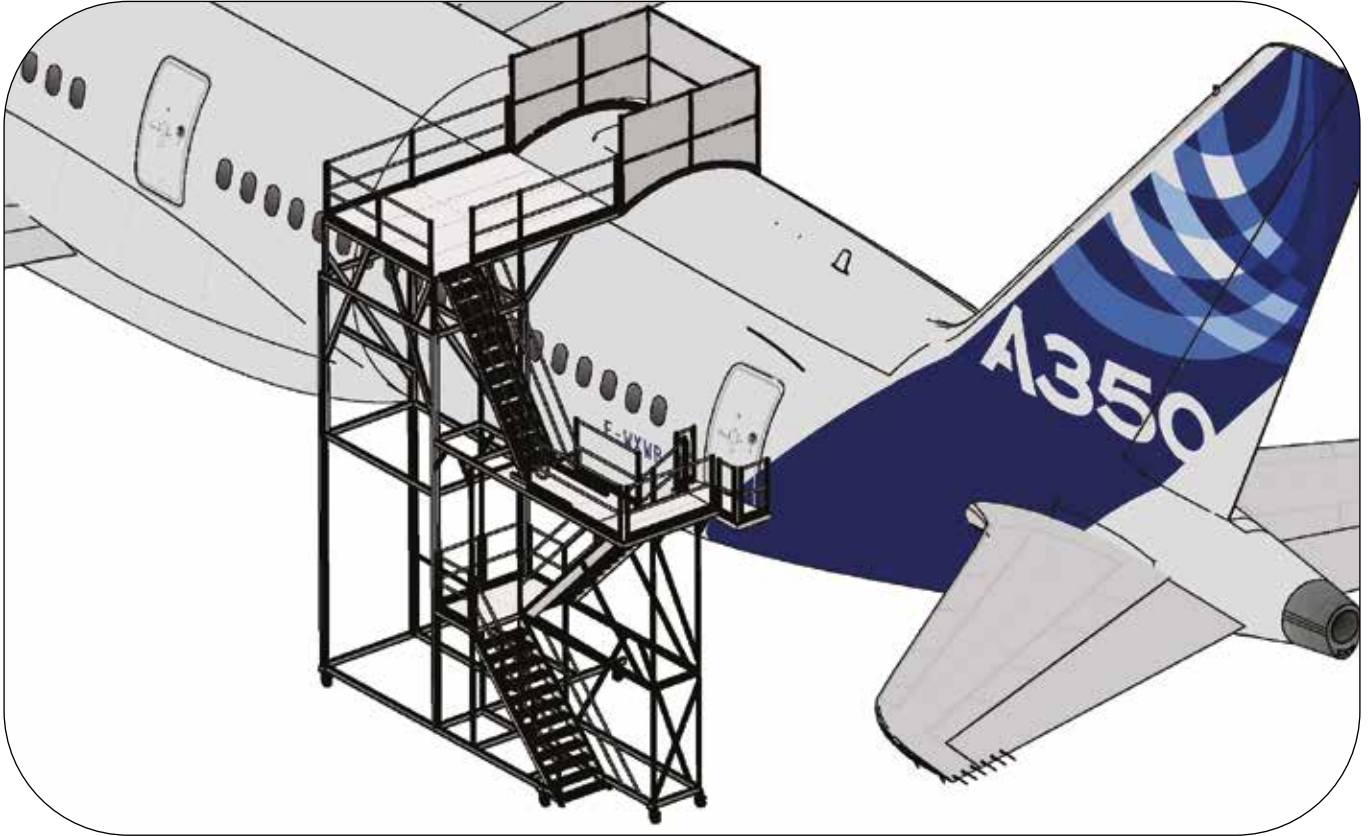
B787

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



AIRBUS A350

WI-FI ACCESS STAND





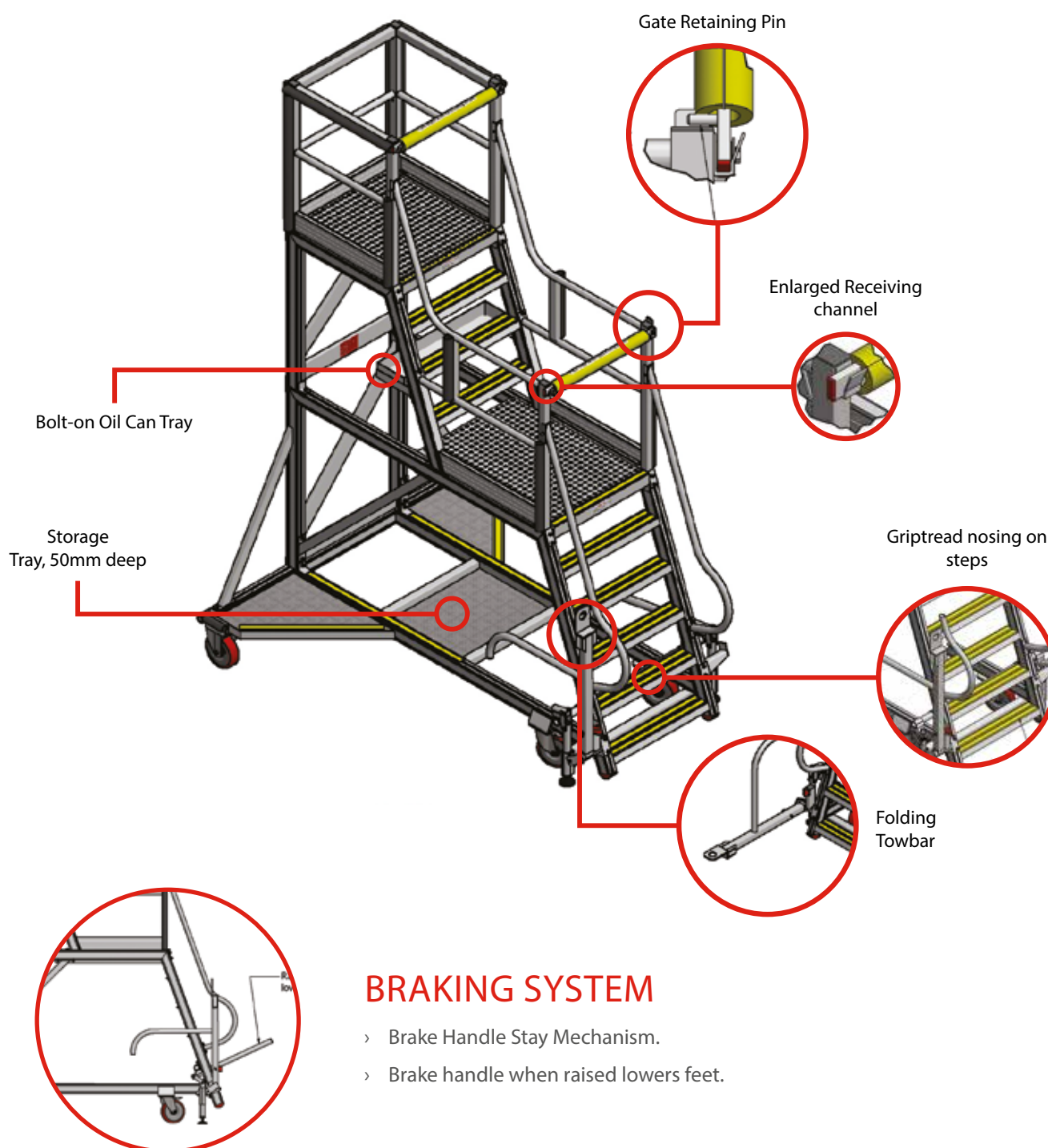
AIRBUS A380

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





AIRBUS A380

DUAL LEVEL OIL CHECK STAND



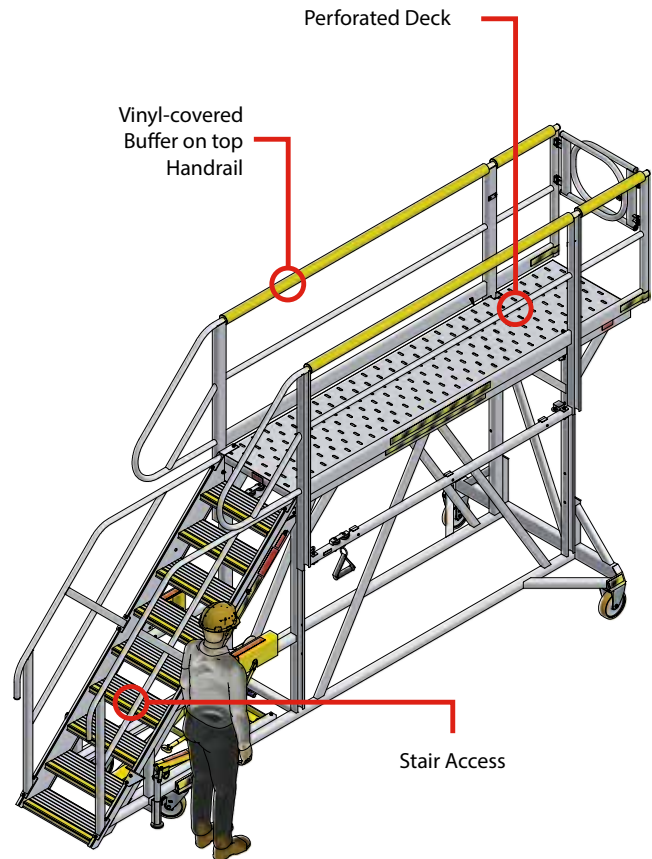
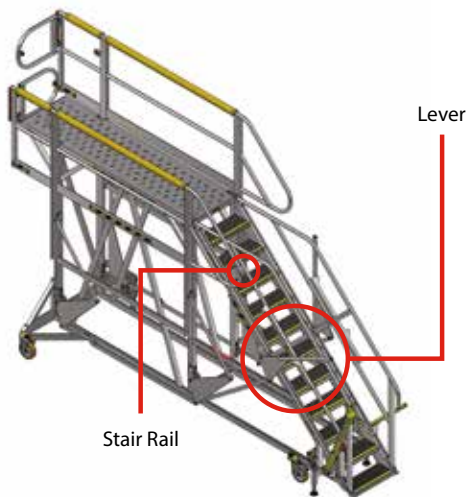


AIRBUS A380

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

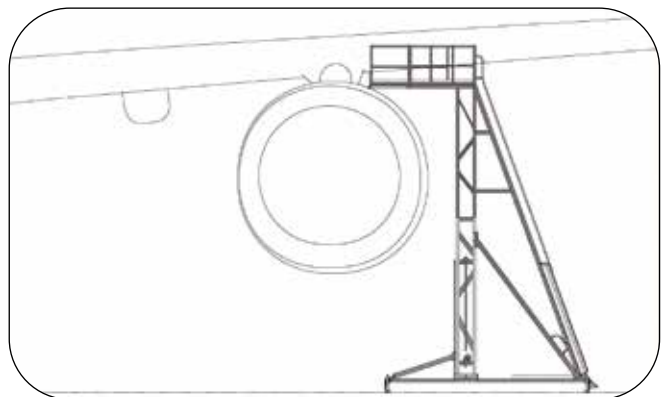
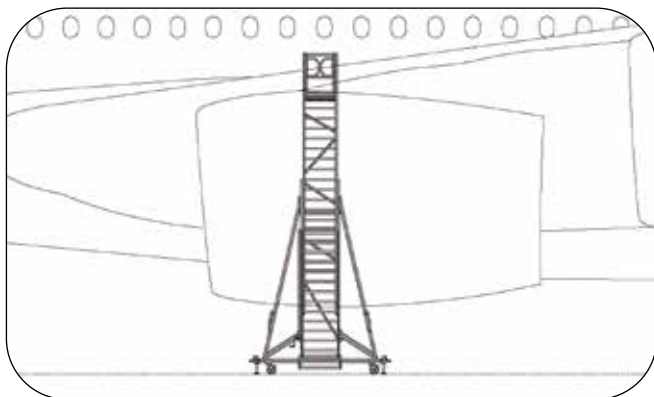
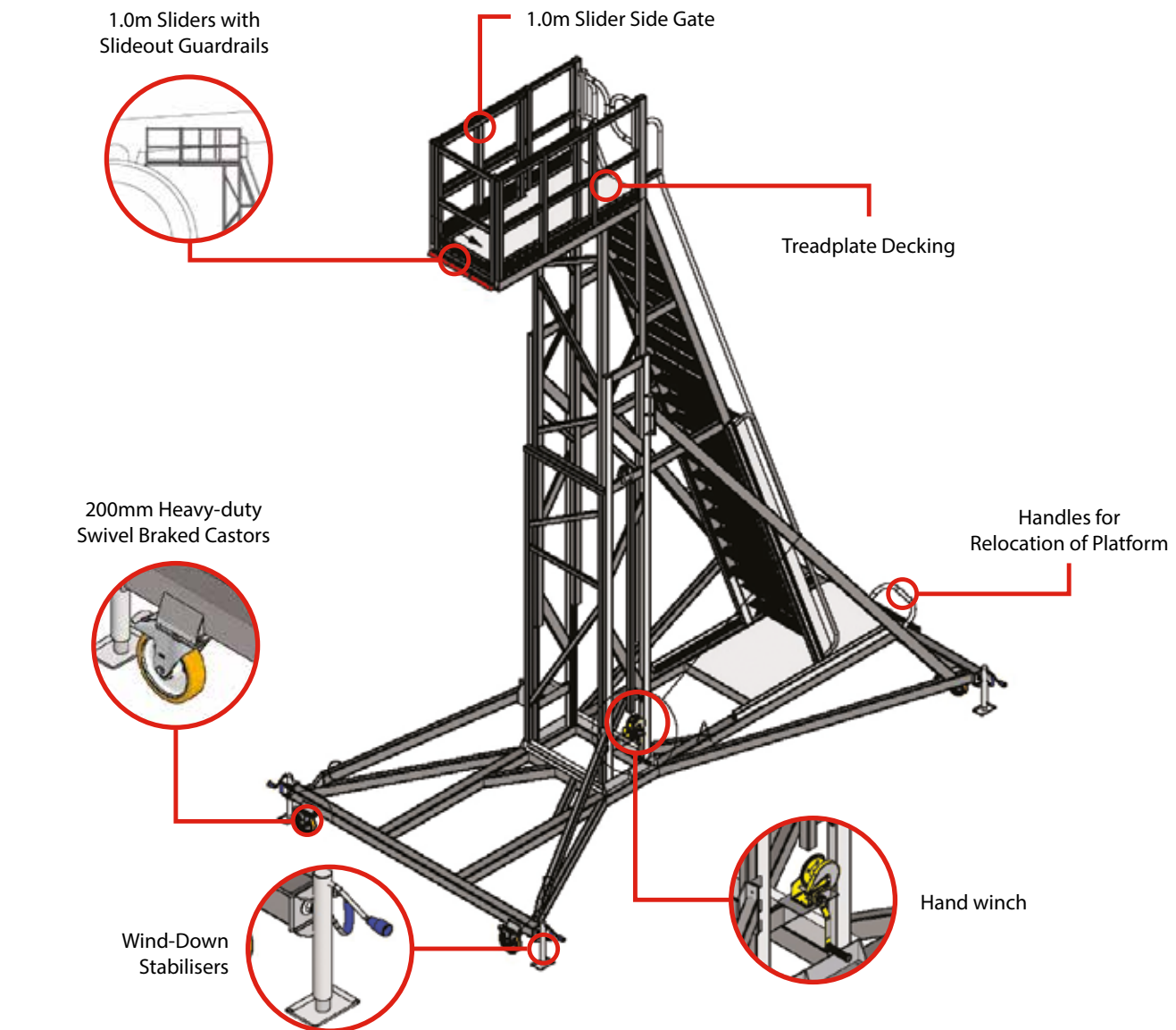




AIRBUS A380

ENGINE PYLON ACCESS PLATFORM

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

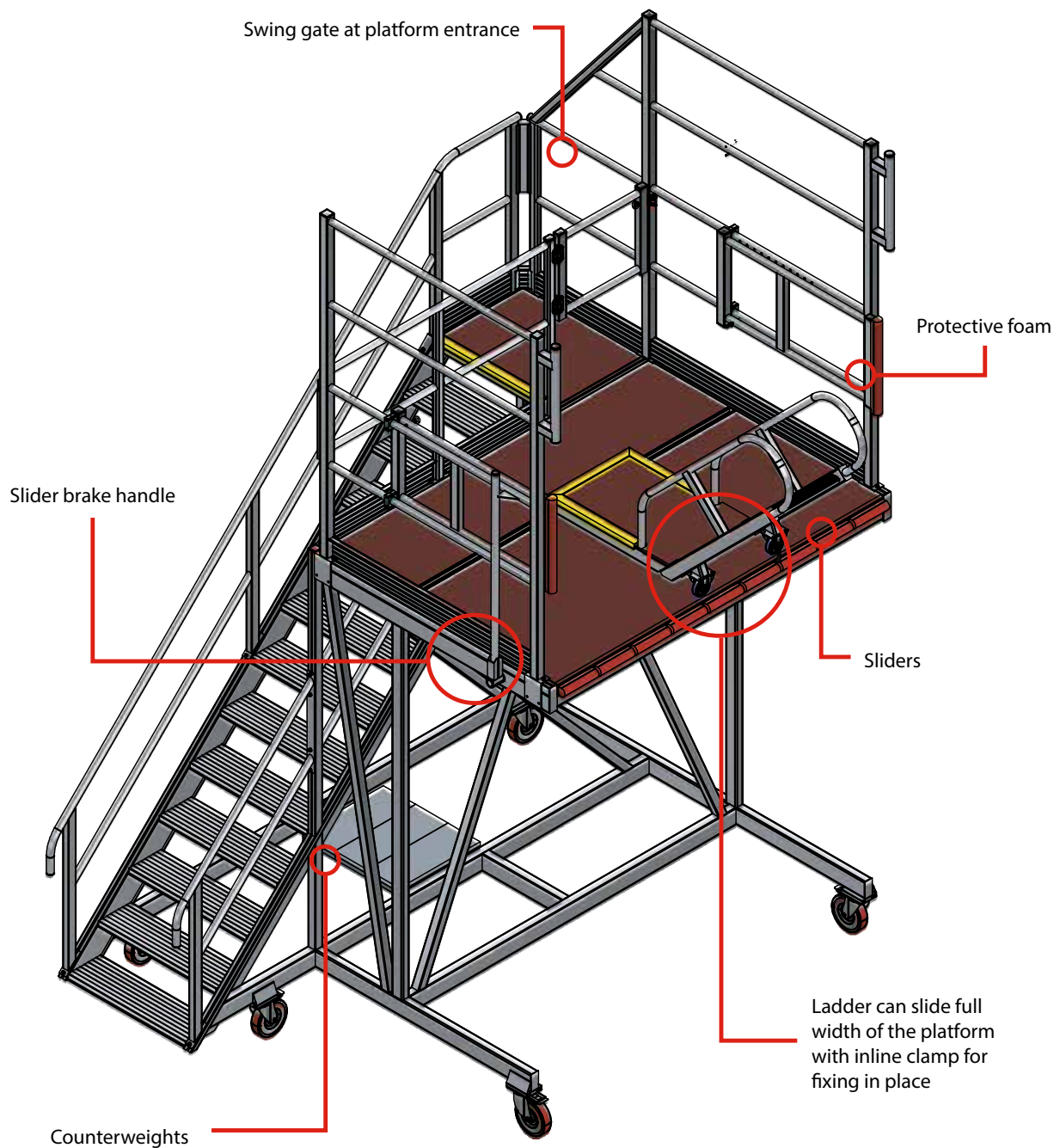




AIRBUS A380

TRENT 900 ENGINE PLATFORM

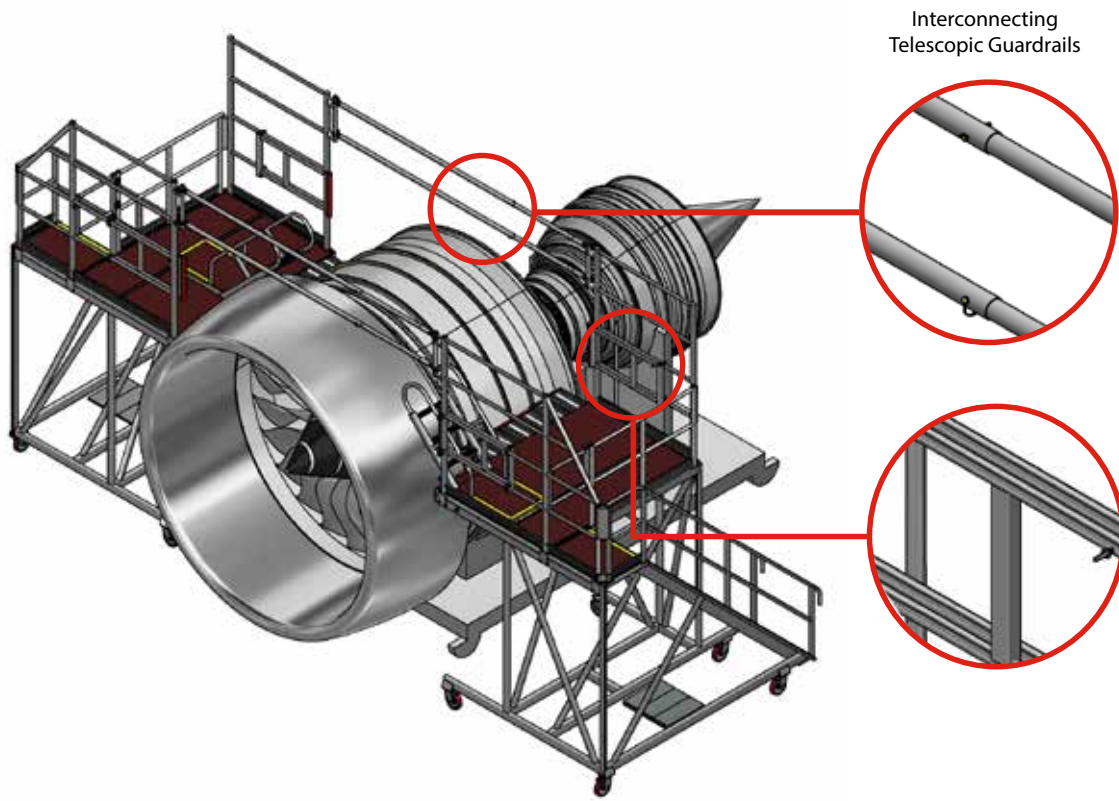
- › Ladder on the platform deck can slide full width of platform with inline clamp for fixing in place.
- › Adjustable sliders contour to varying engine profiles.
- › Extended guardrails link across the engine and provide fall protection whilst the ladder is in use.





AIRBUS A380

TRENT 900 ENGINE PLATFORM

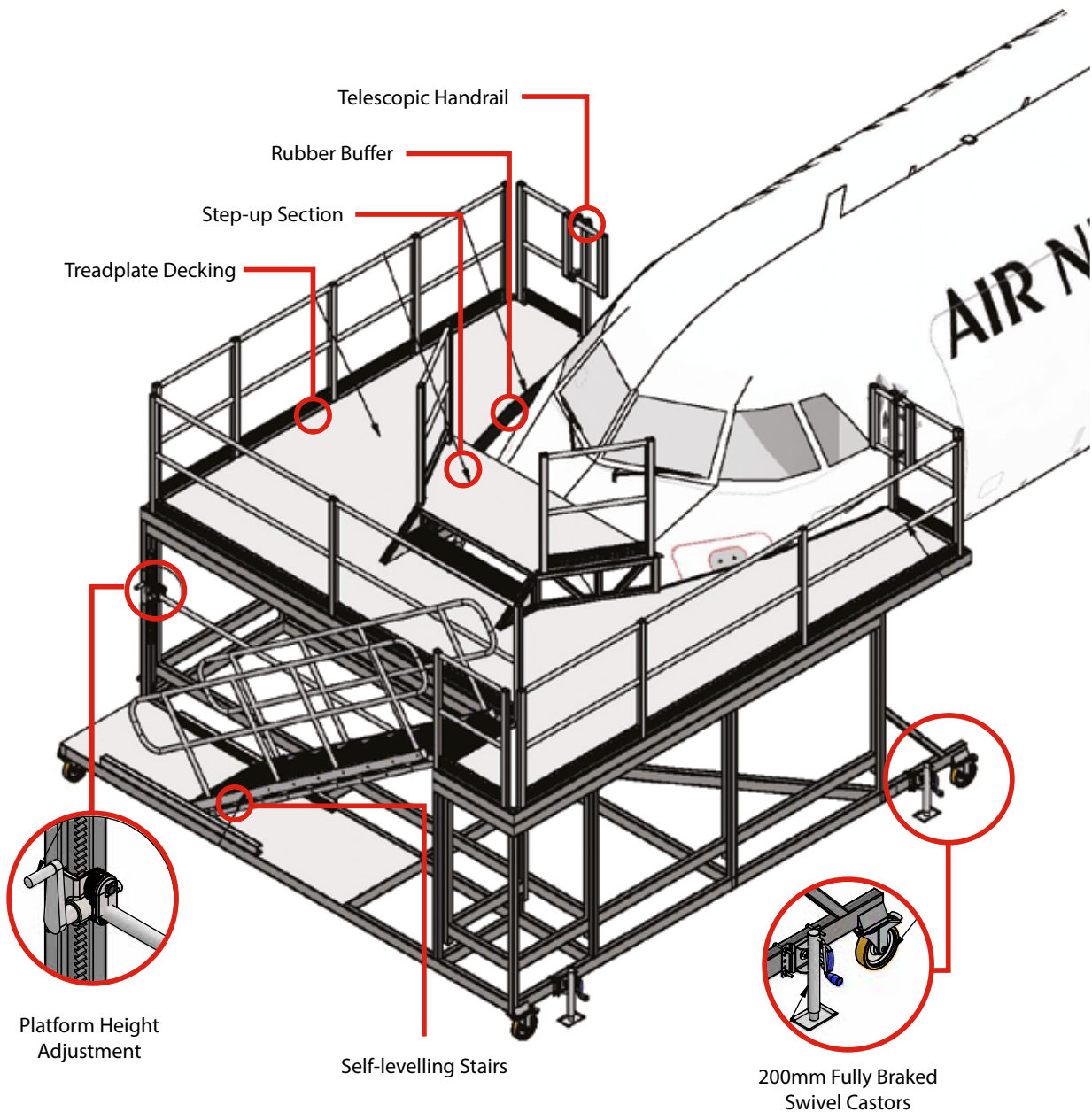




ATR ATR 72

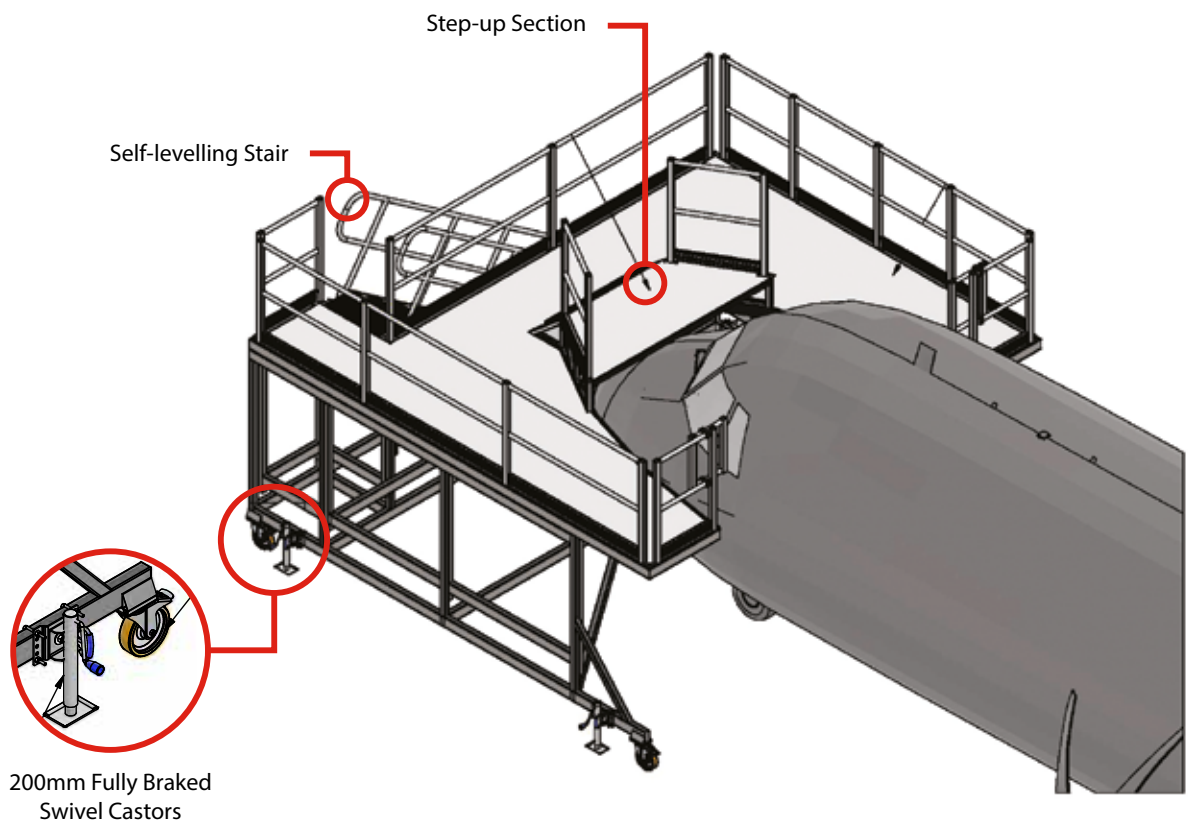
NOSE DOCK PLATFORM

- › 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.

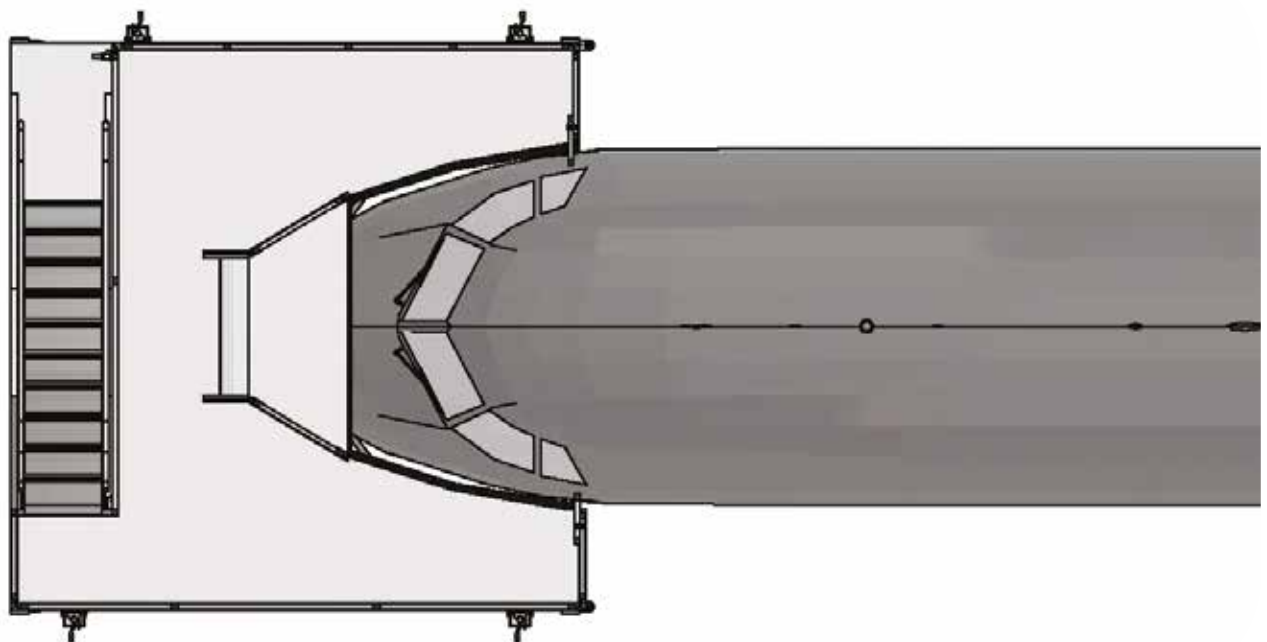




ATR ATR 72



TOP VIEW

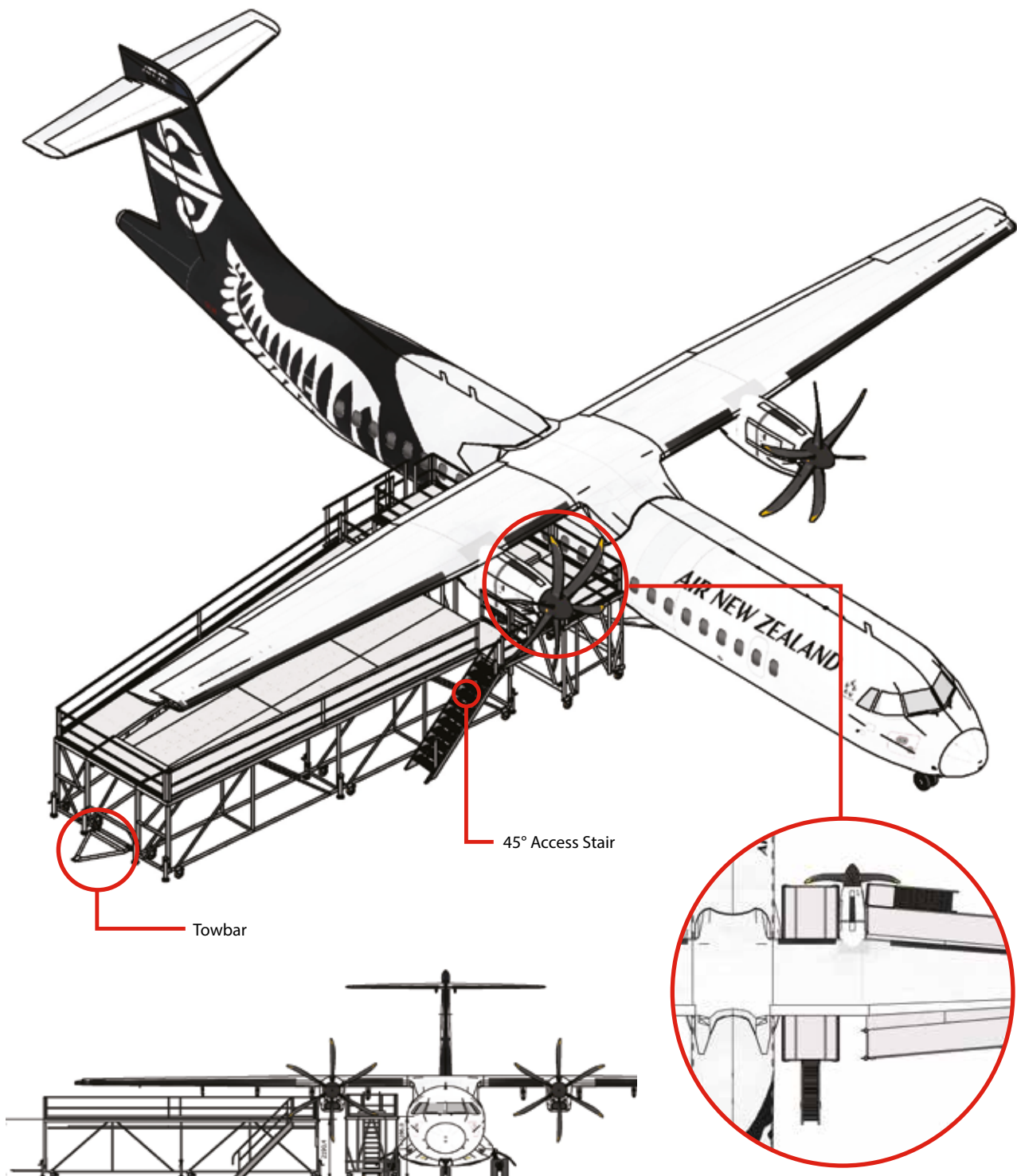




ATR ATR 72

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.

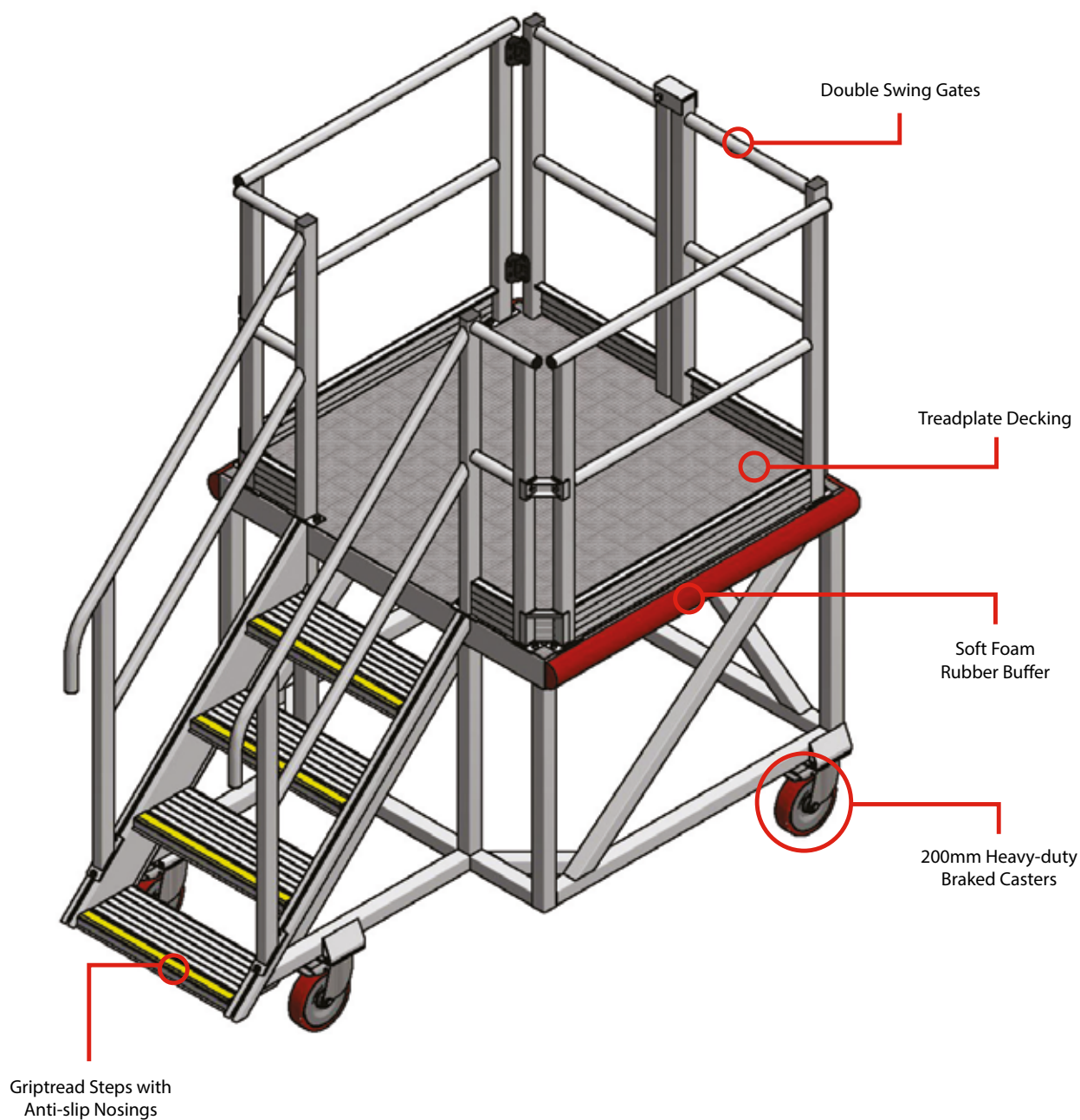




ATR ATR 72

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.

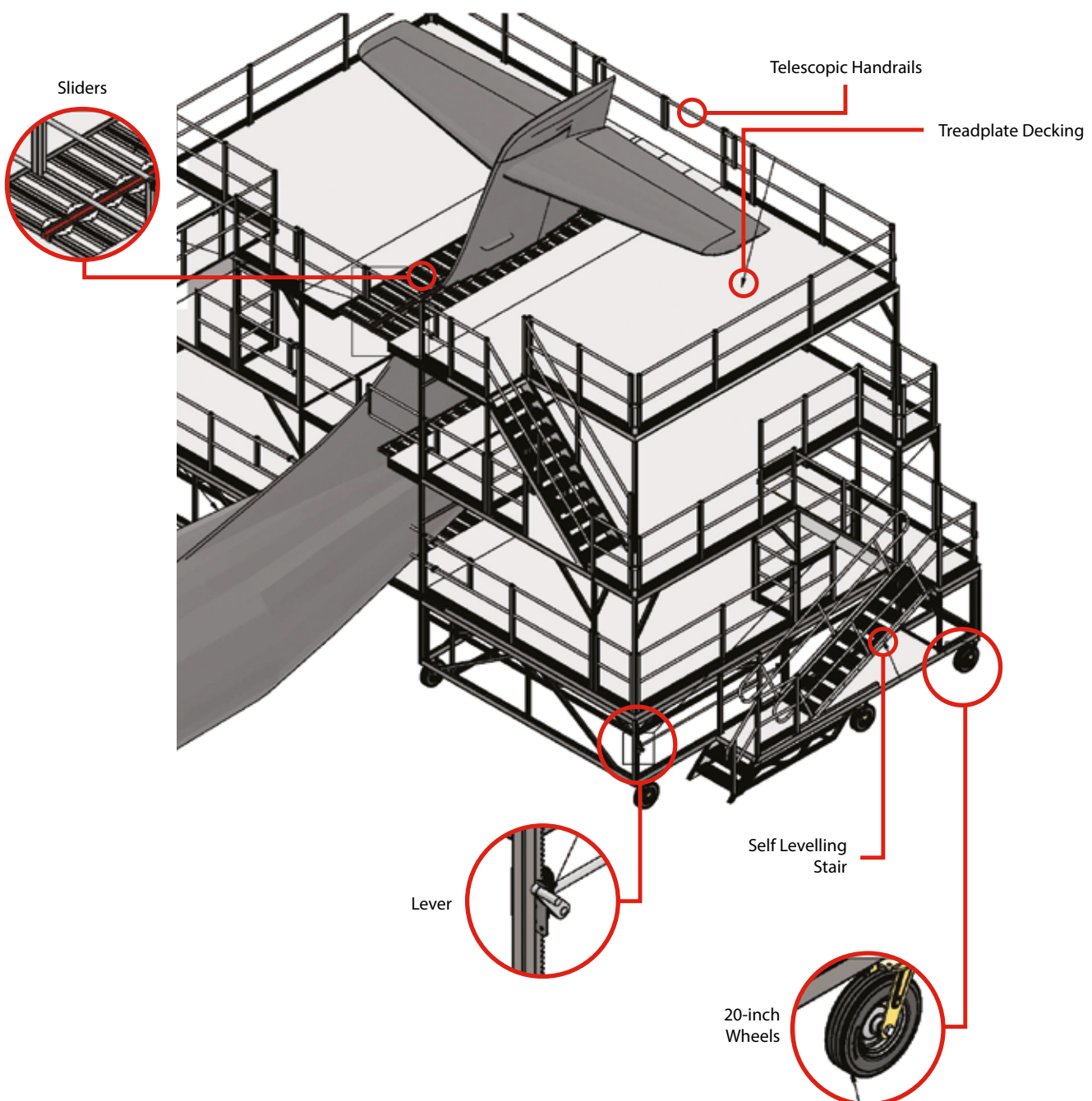




ATR ATR 72

TAIL DOCK

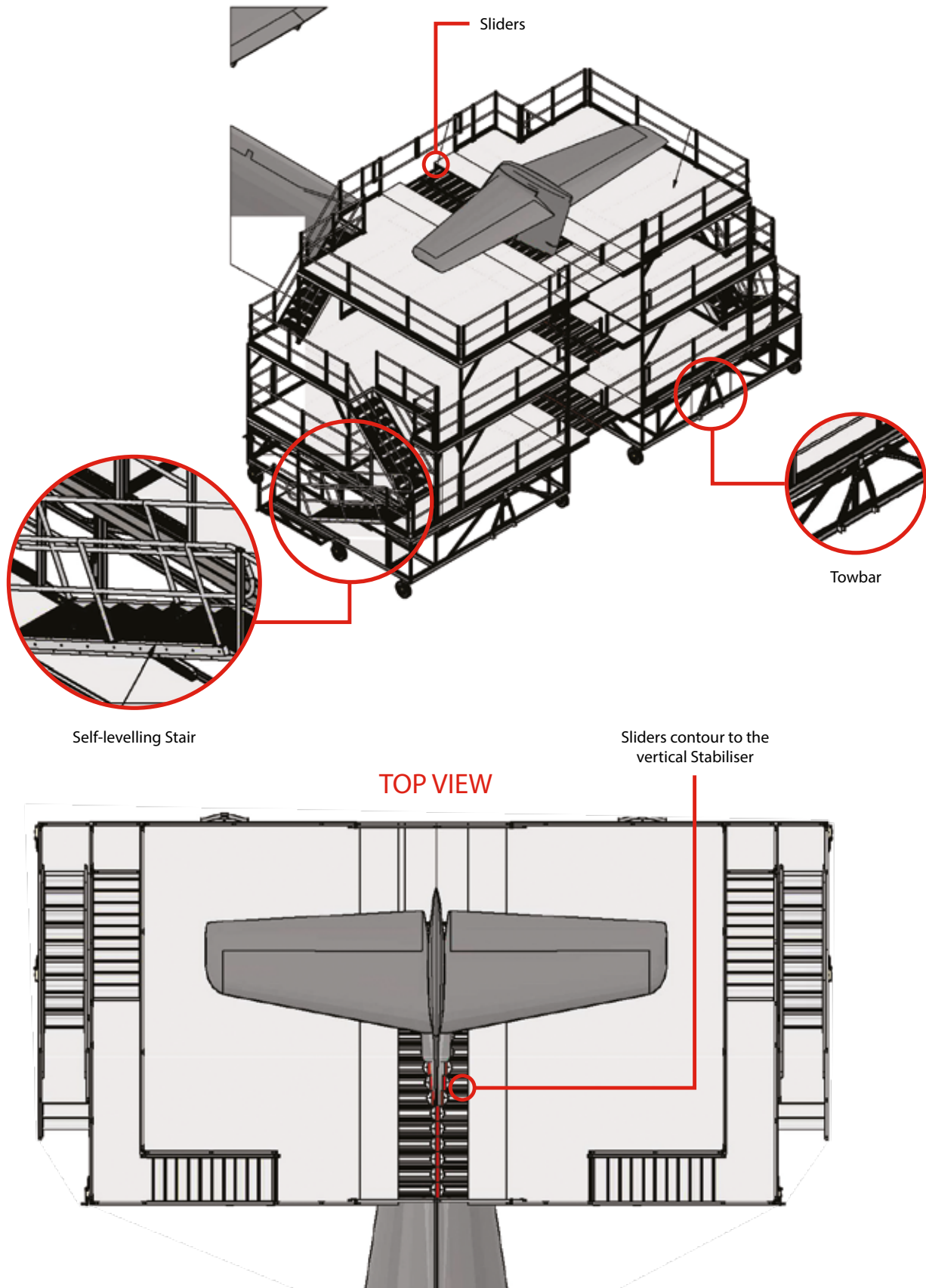
- › Adjustable height Tail Docking system to fit the ATR-72 jacked or unjacked.
- › Mobile in two sections for ease of manoeuvrability .
- › Sliding fingers auto-lock in position to match aircraft's profile.
- › Over-length sliders to allow for ease of moving aircraft into position, if docks are already 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

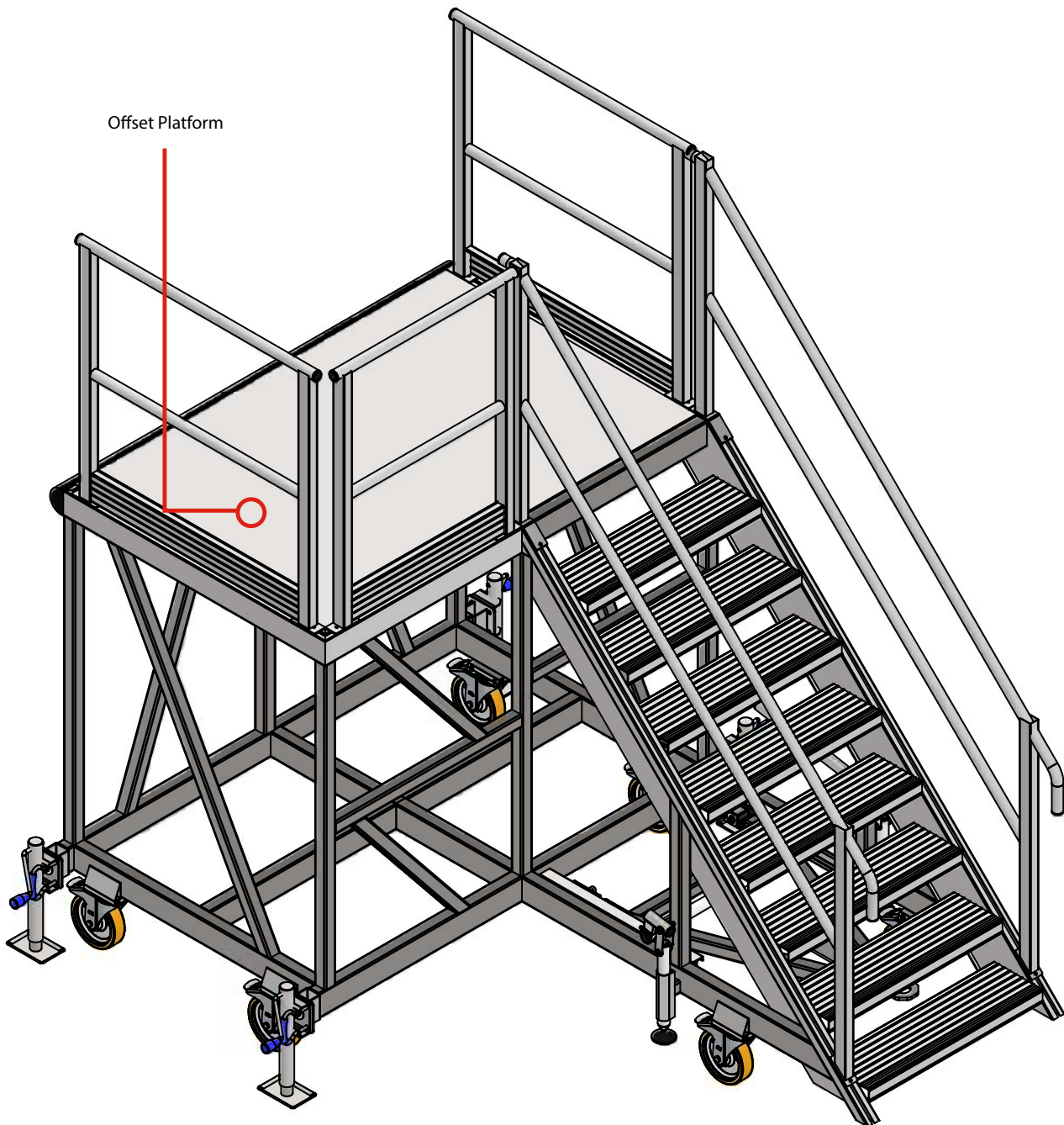




BAE 146

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.

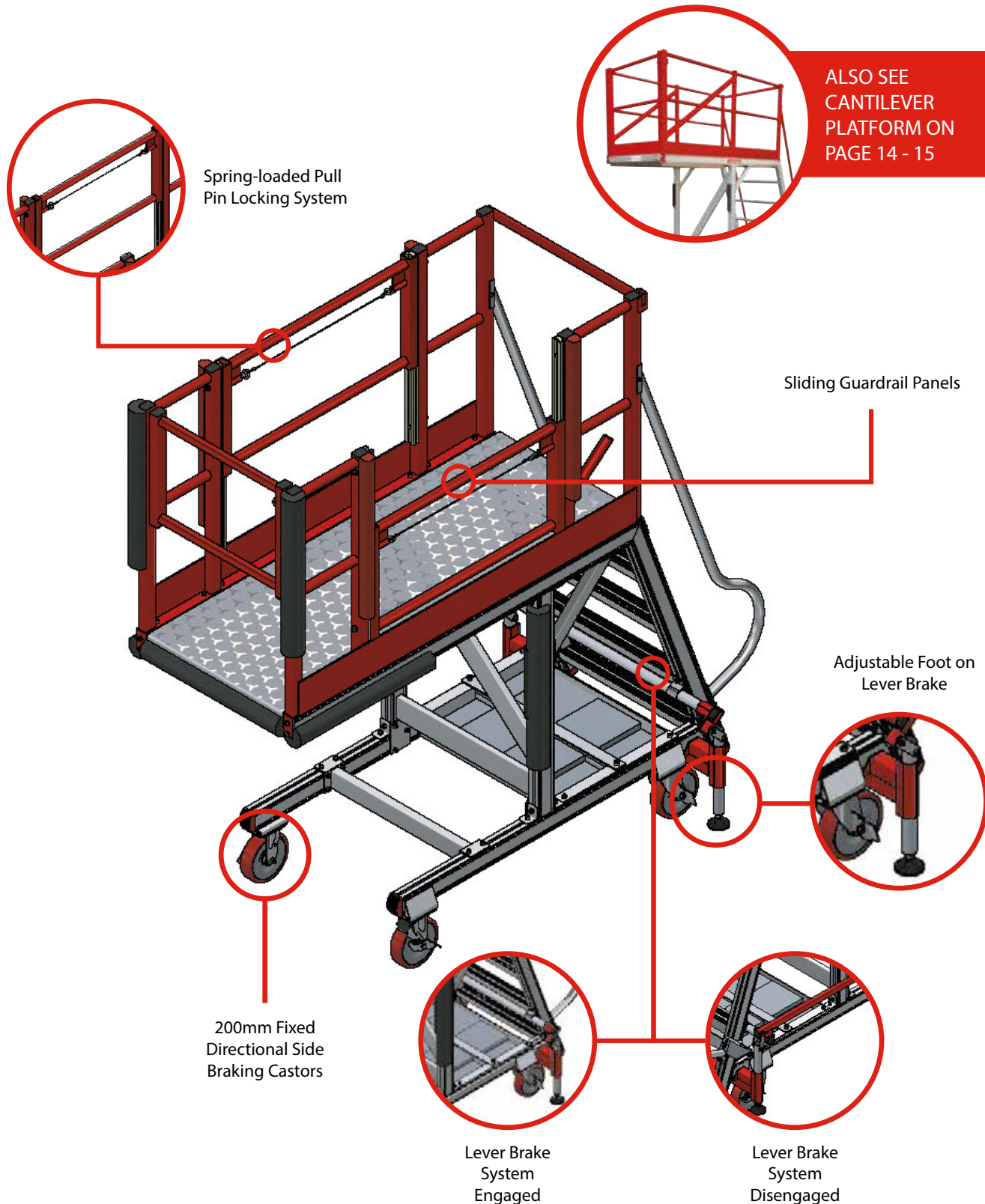




BAE HAWK FIGHTER

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.

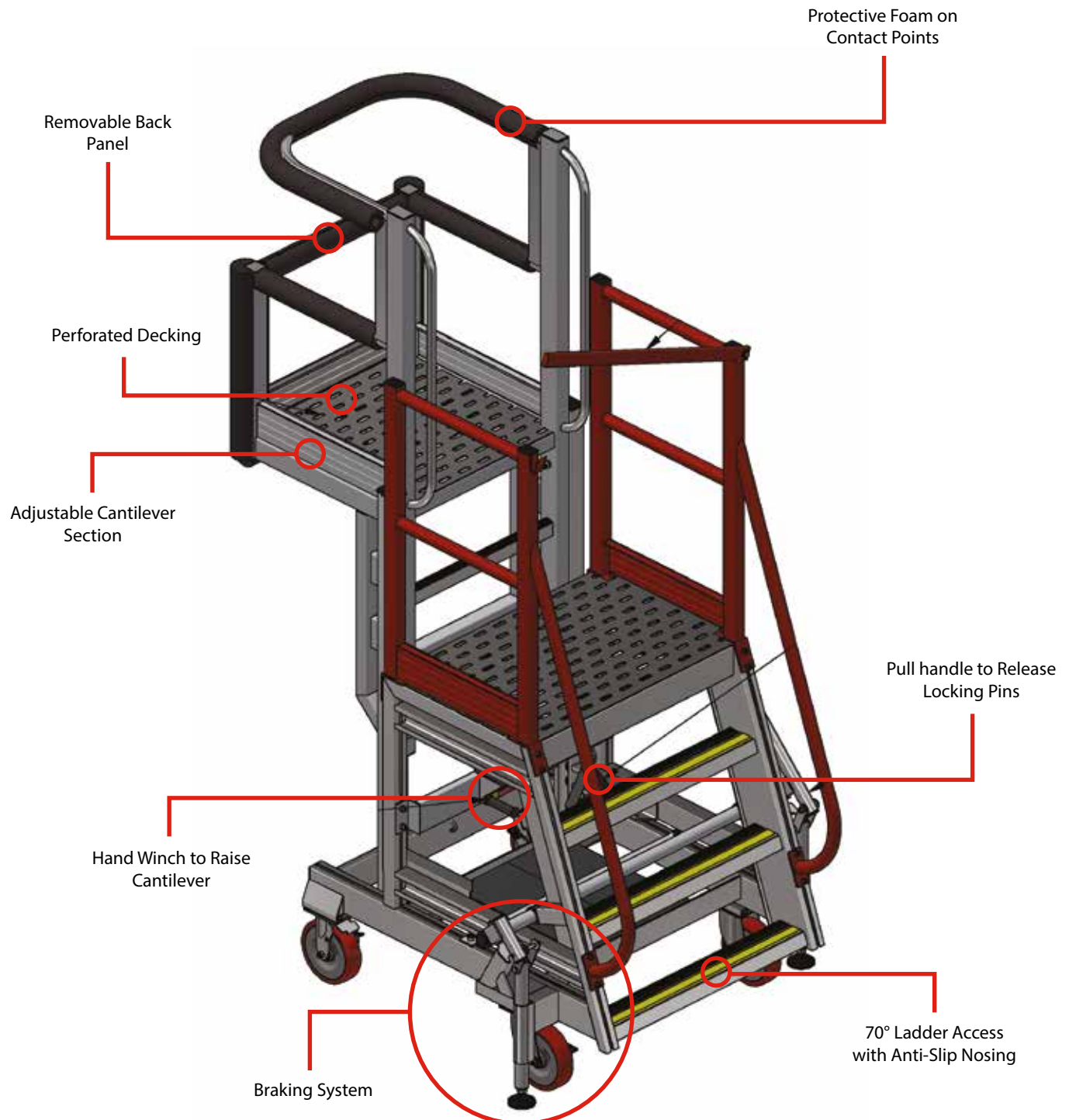




BAE HAWK FIGHTER

TAIL ACCESS STAND

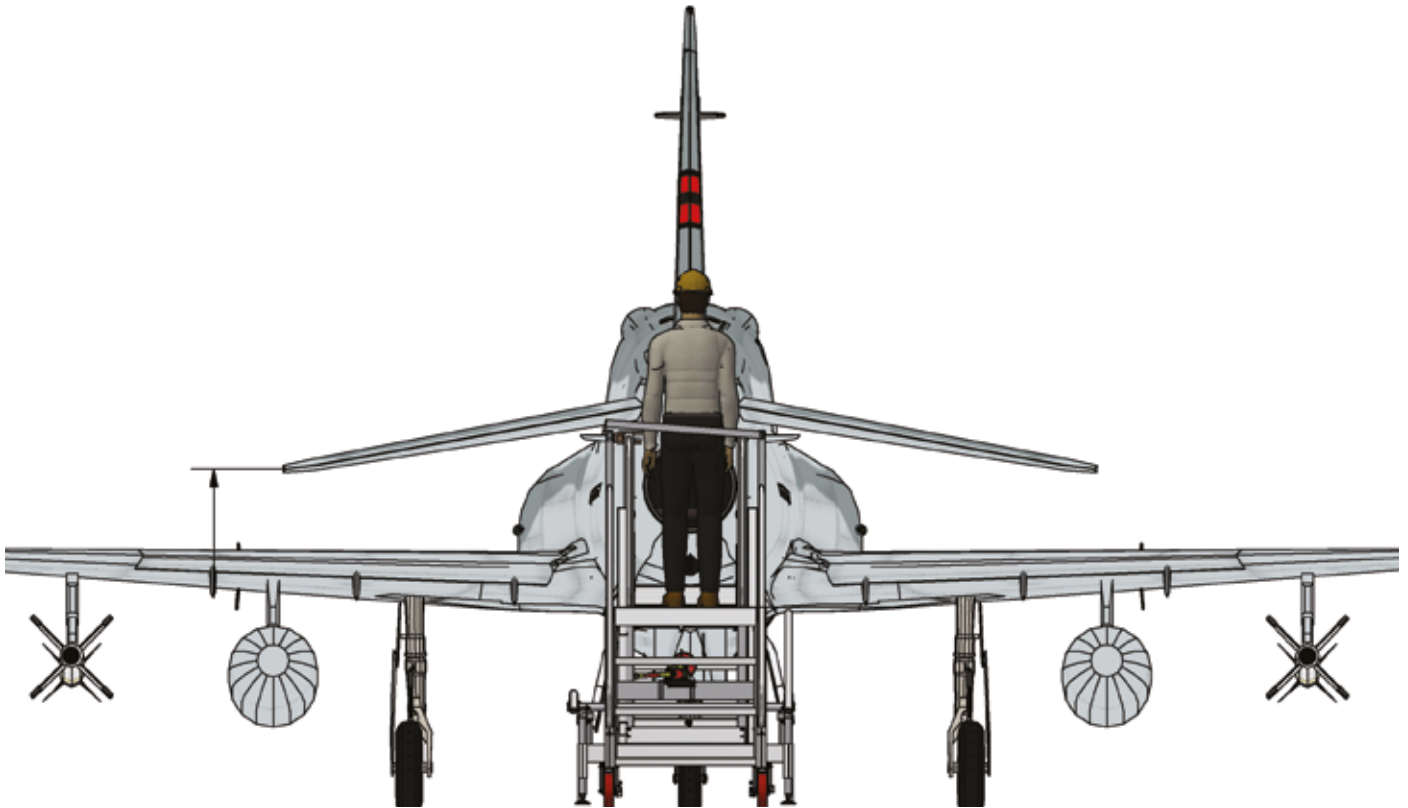
- › Adjustable height for varying applications and to suit the stages through the application.
- › Removable panel allows access for the user into the engine bay.
- › Guardrails configured, to allow positioning against the aircraft without conflicting with the horizontal stabilisers.





BAE HAWK FIGHTER

TAIL ACCESS STAND

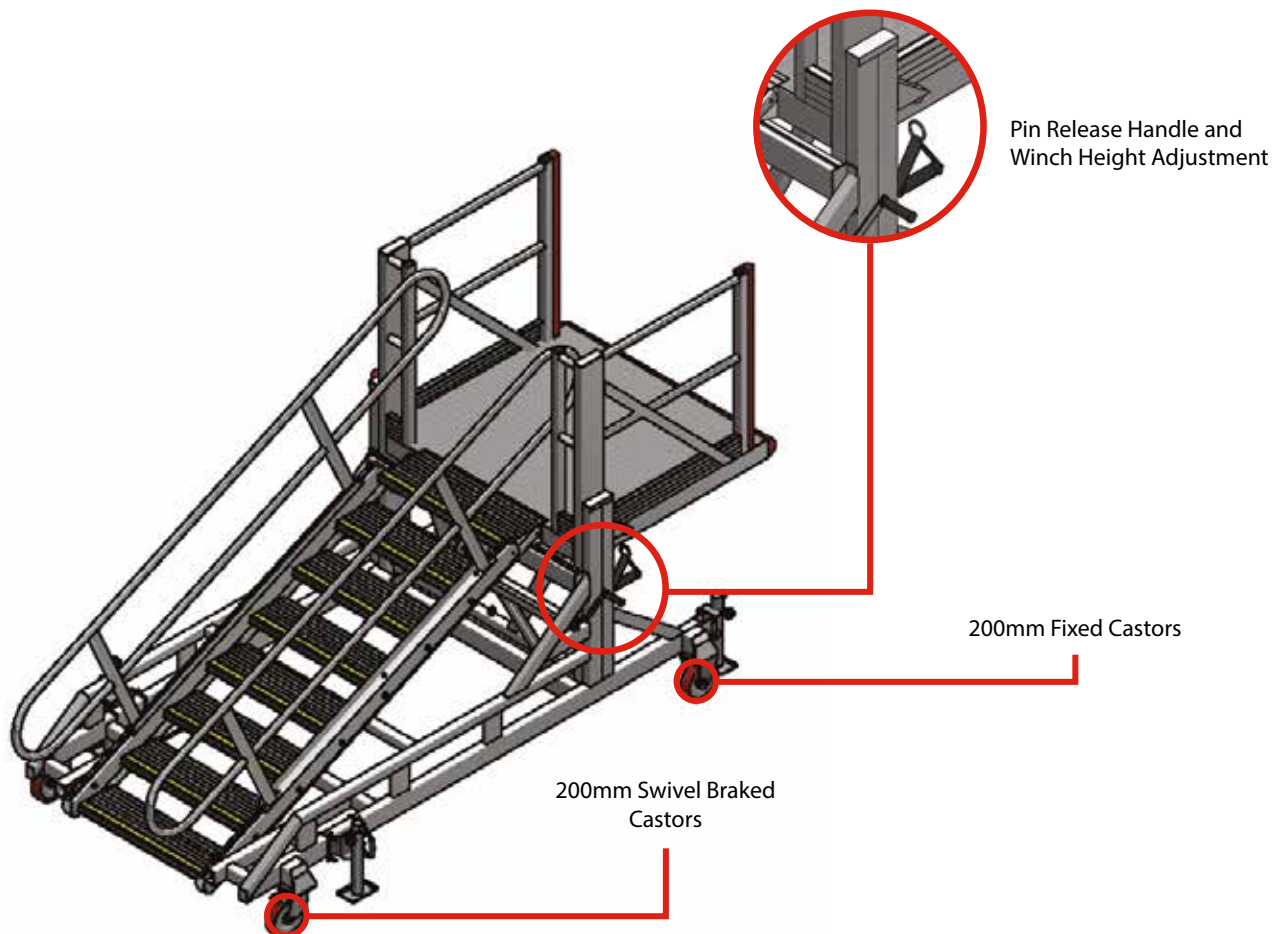




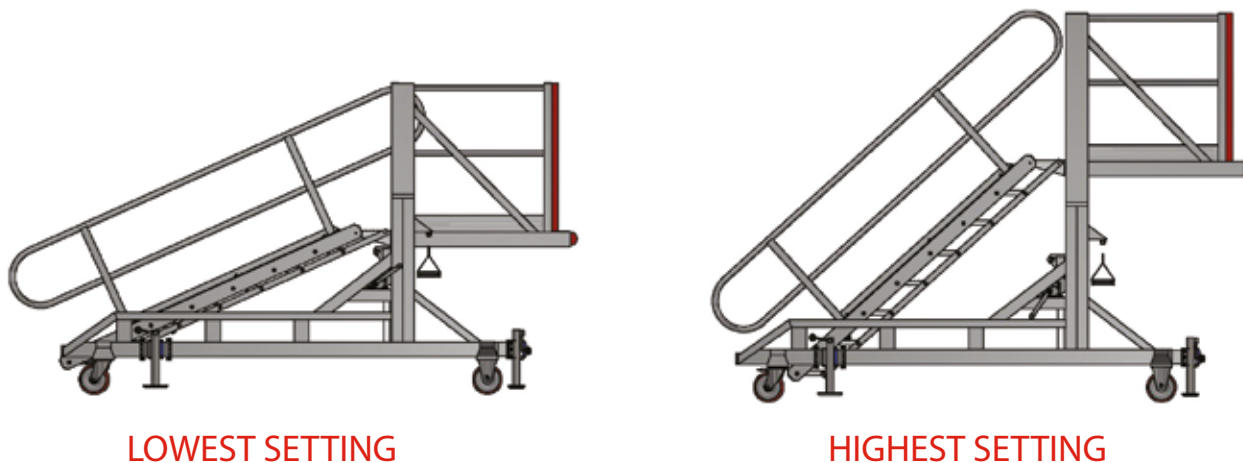
BEECHCRAFT B250

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

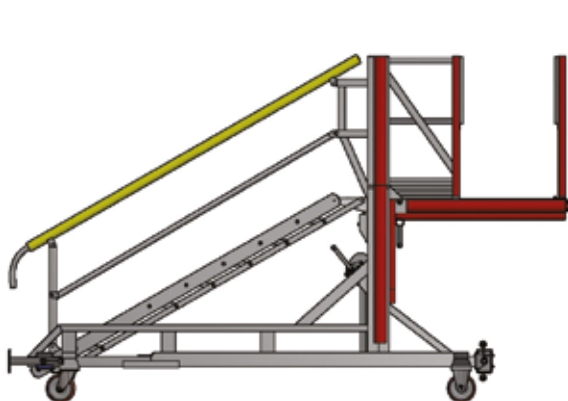
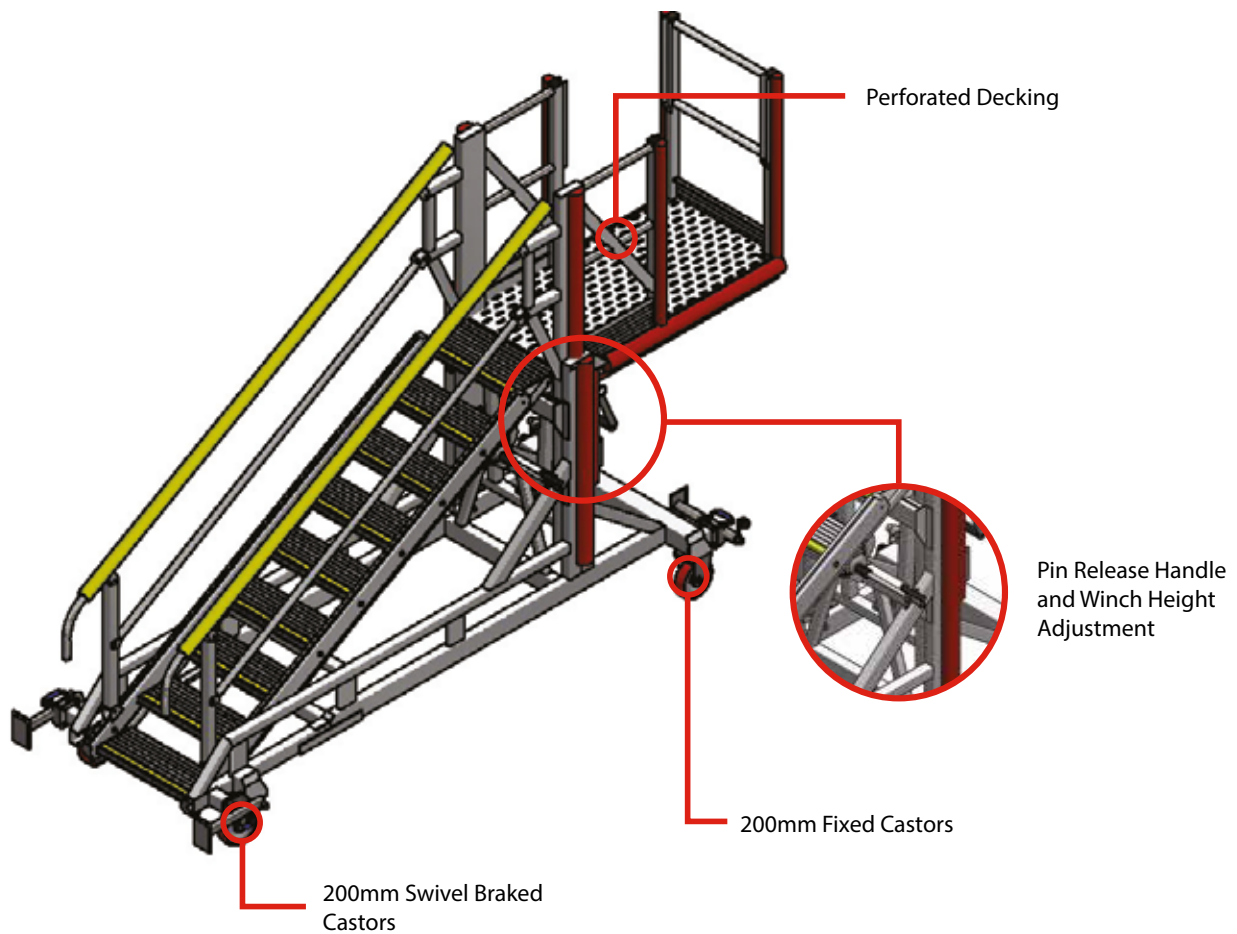




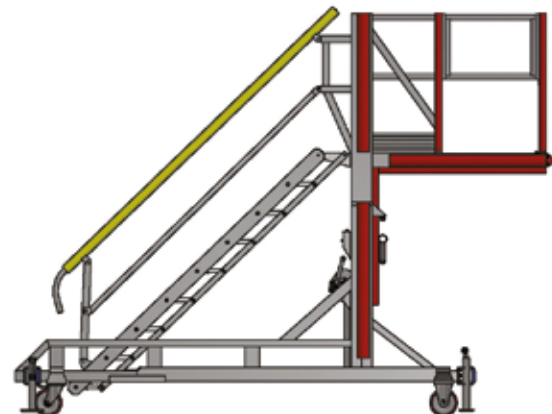
BEECHCRAFT B250

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



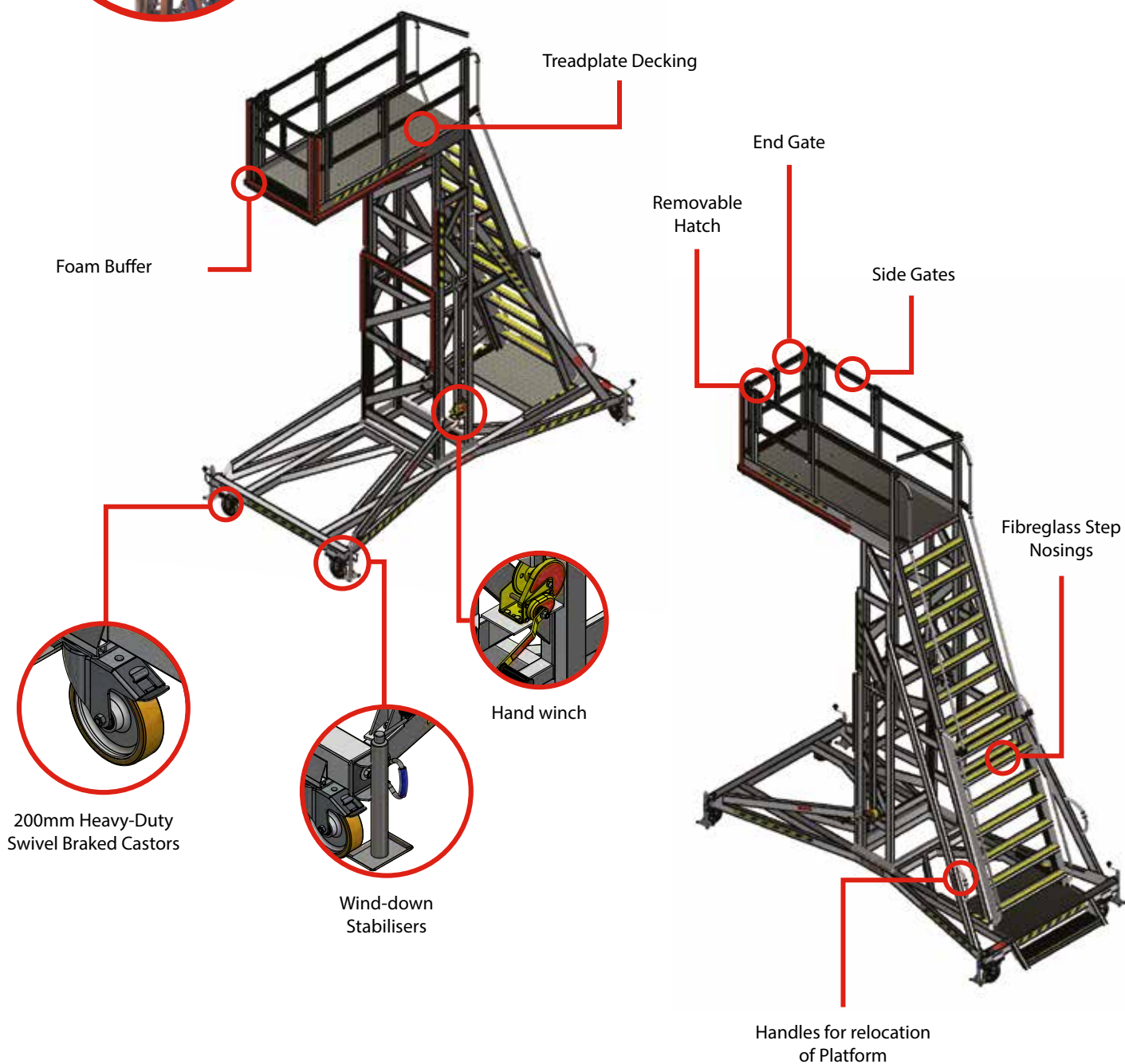
BOEING B717

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

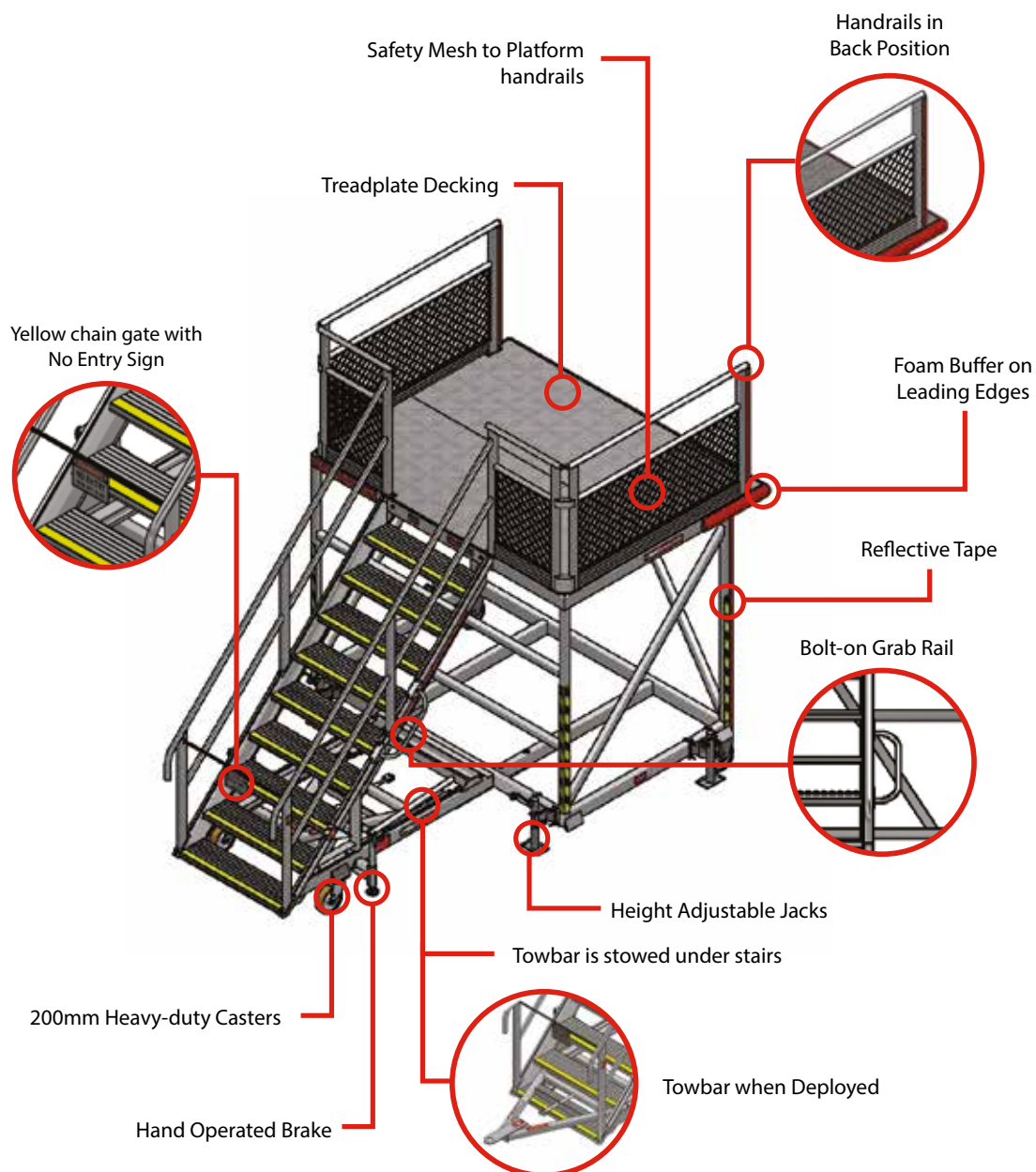




BOEING B717

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.

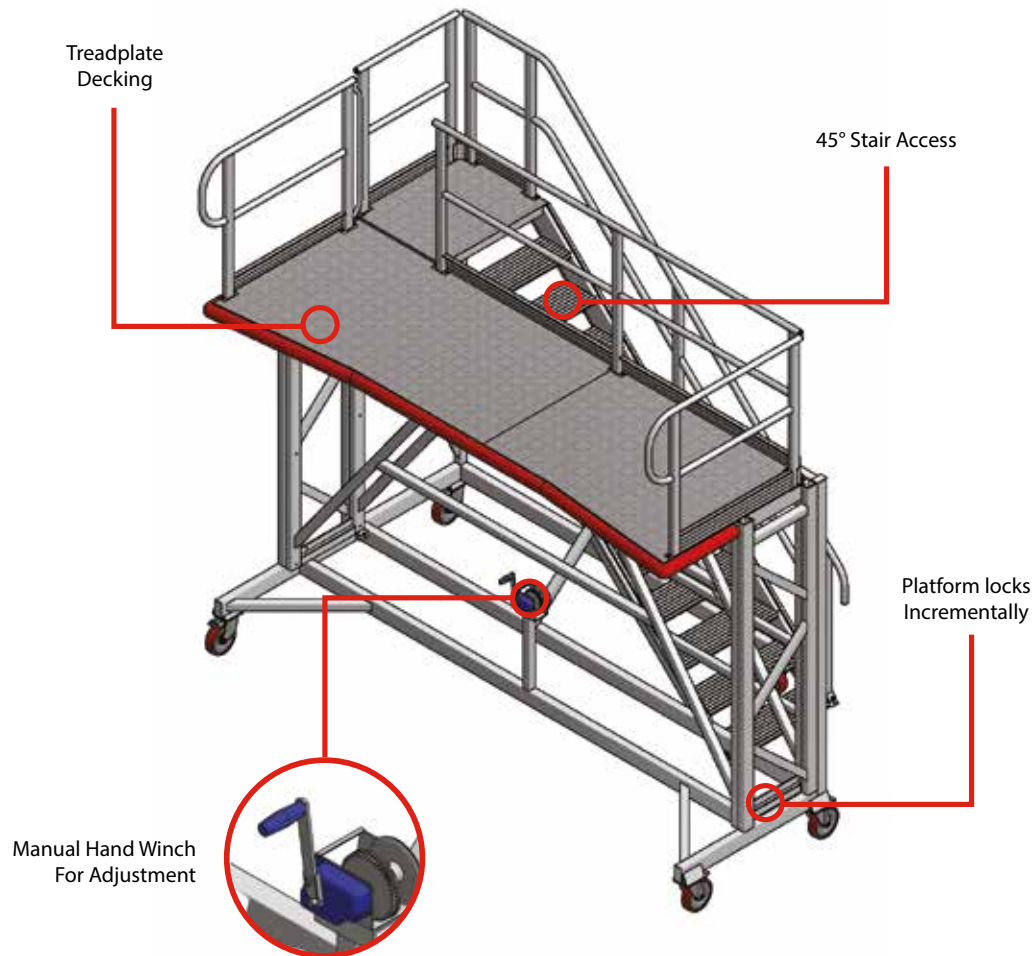




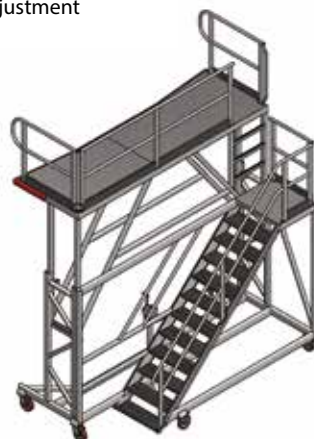
BOEING B737

NOSE DOCK

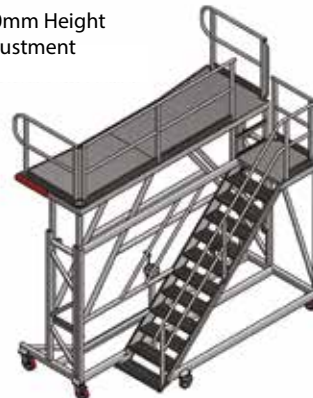
- › Two-part platform set, for access to the windshield of the B737.
- › Platforms can be used individually or as a set.
- › Platforms are individually height adjustable through a large range of heights.
- › Platform step-up section, to allow access to the centre of the windshield, and can be removed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



1200mm Height Adjustment



600mm Height Adjustment





BOEING B737

NOSE DOCK

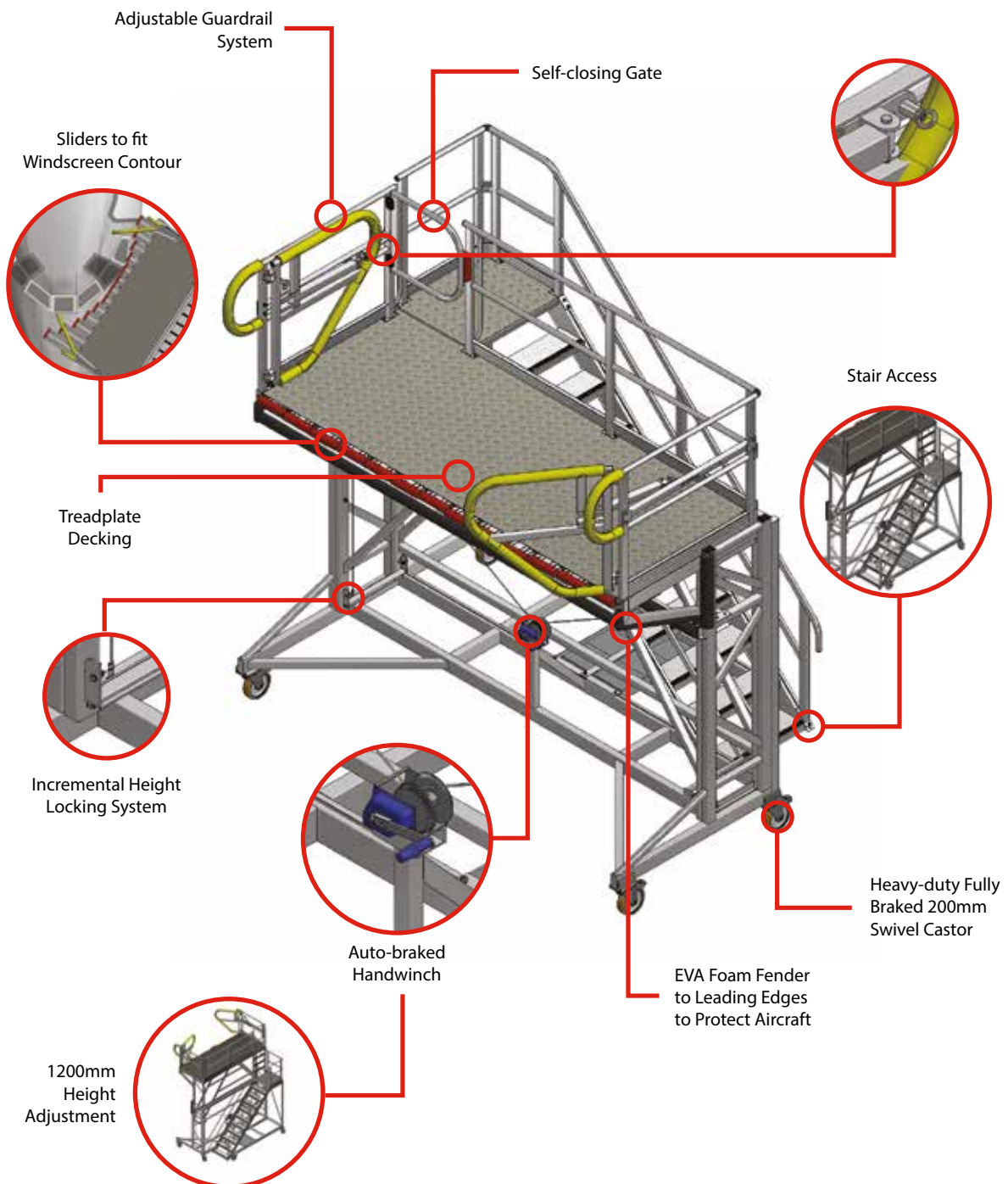




BOEING B737

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.



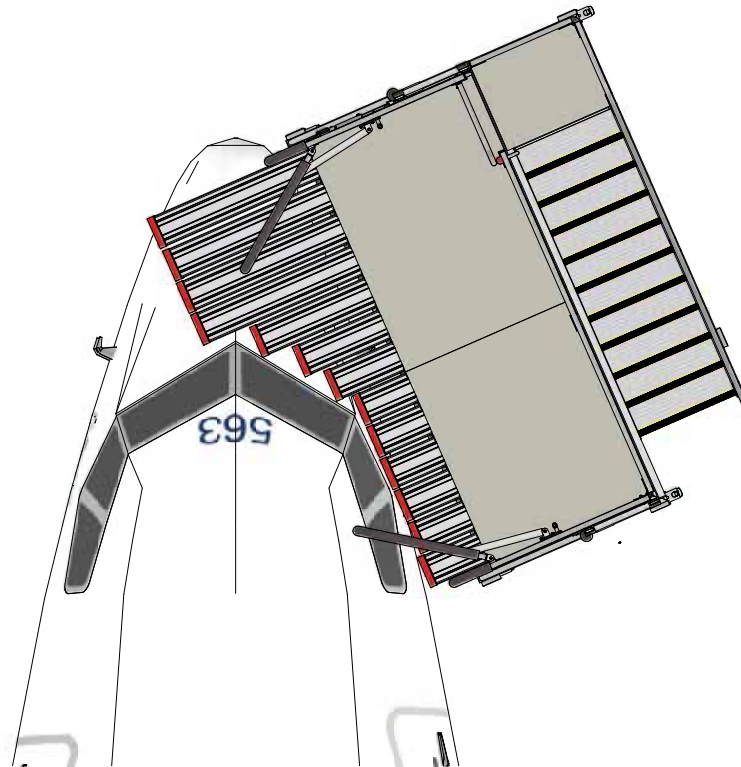


BOEING B737

MULTI-PURPOSE ADJUSTABLE PLATFORM

SLIDERS TO FIT WINDSCREEN CONTOUR

SEE OTHER USES
FOR THIS STAND
ON PAGE 128





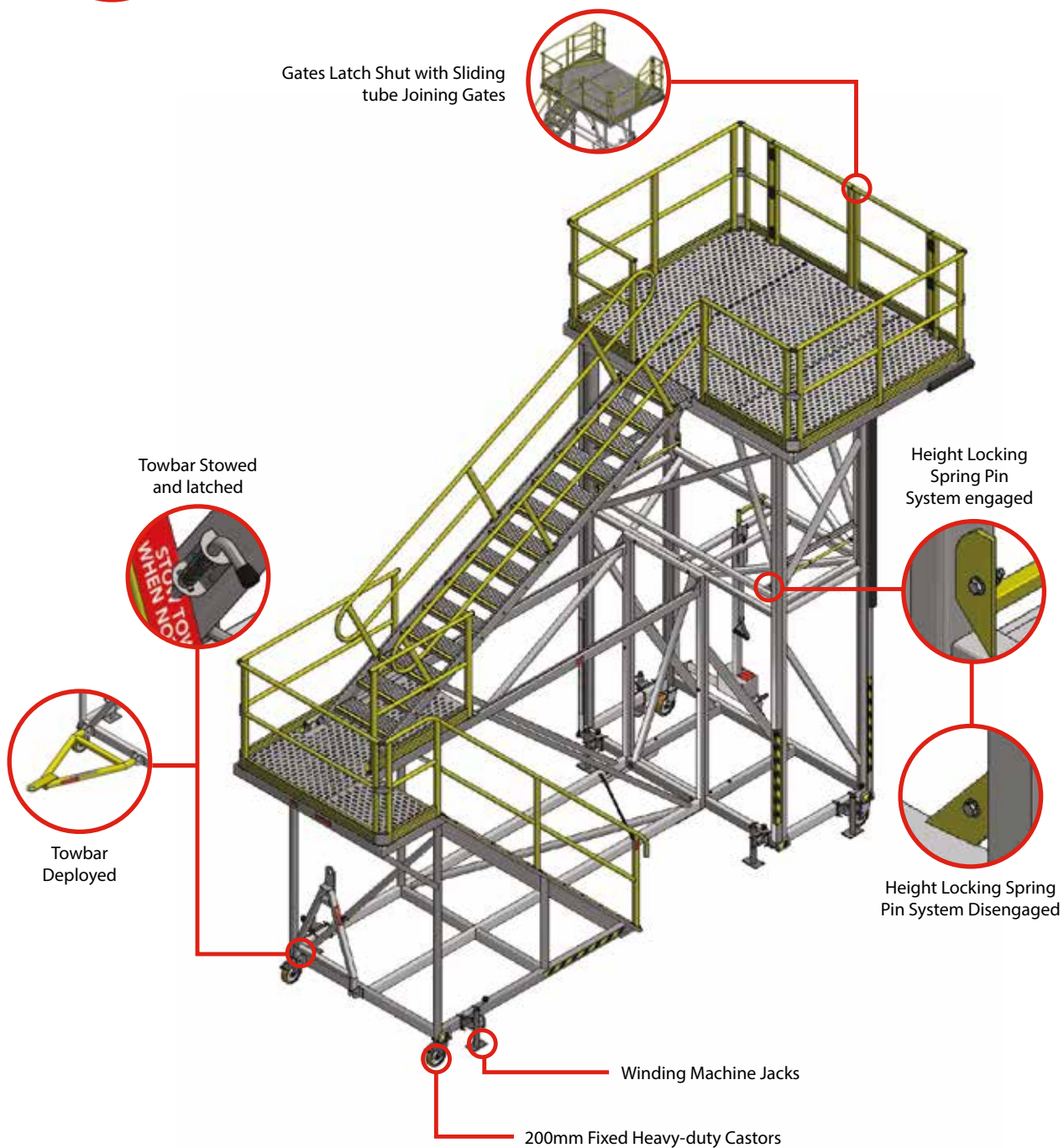
BOEING B737

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.



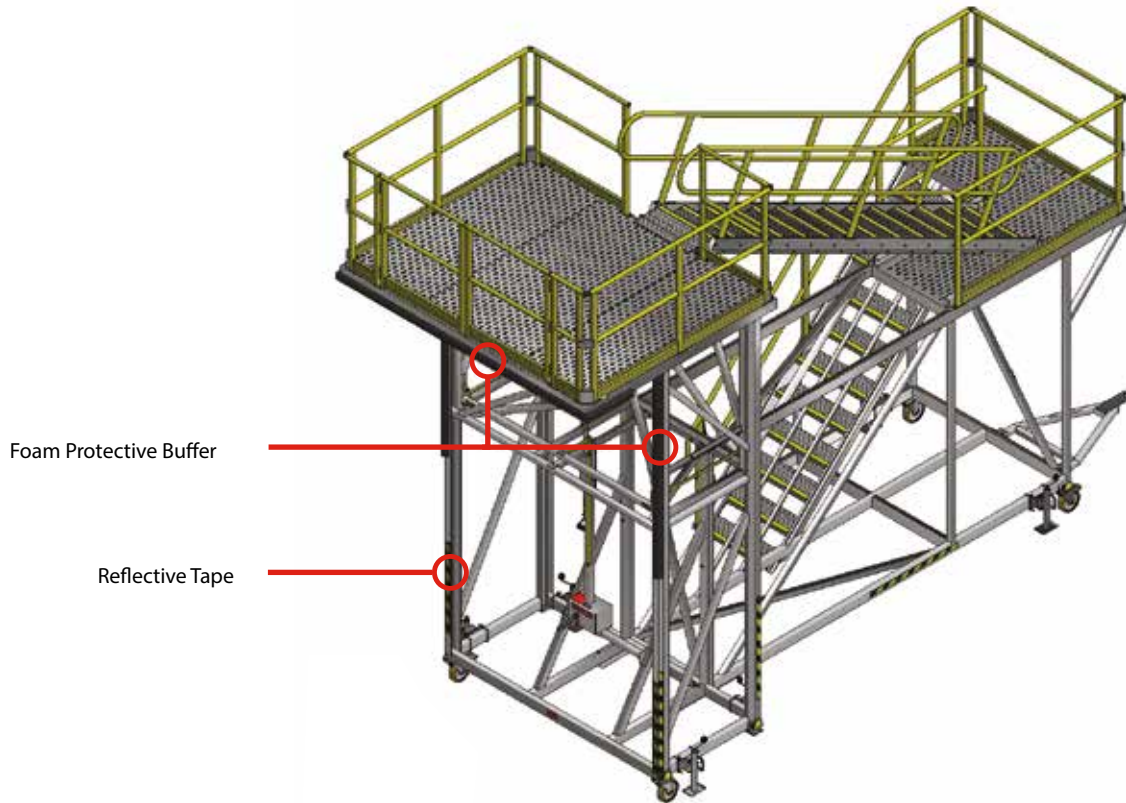
UNIVERSAL PLATFORM
CAN BE USED WITH A BROAD
RANGE OF AIRCRAFT





BOEING B737

HEIGHT ADJUSTABLE FUSELAGE ACCESS PLATFORM

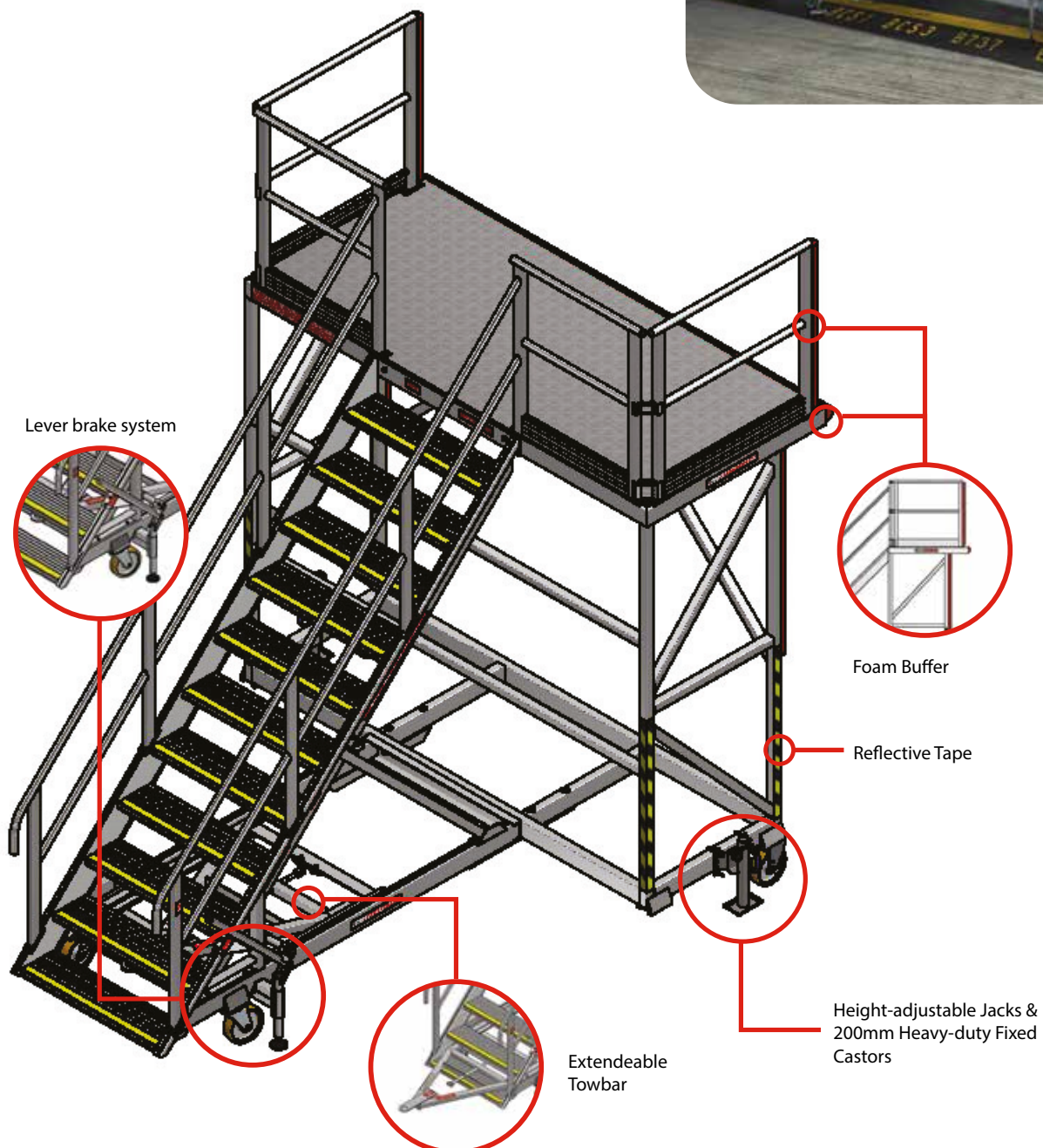




BOEING B737

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.

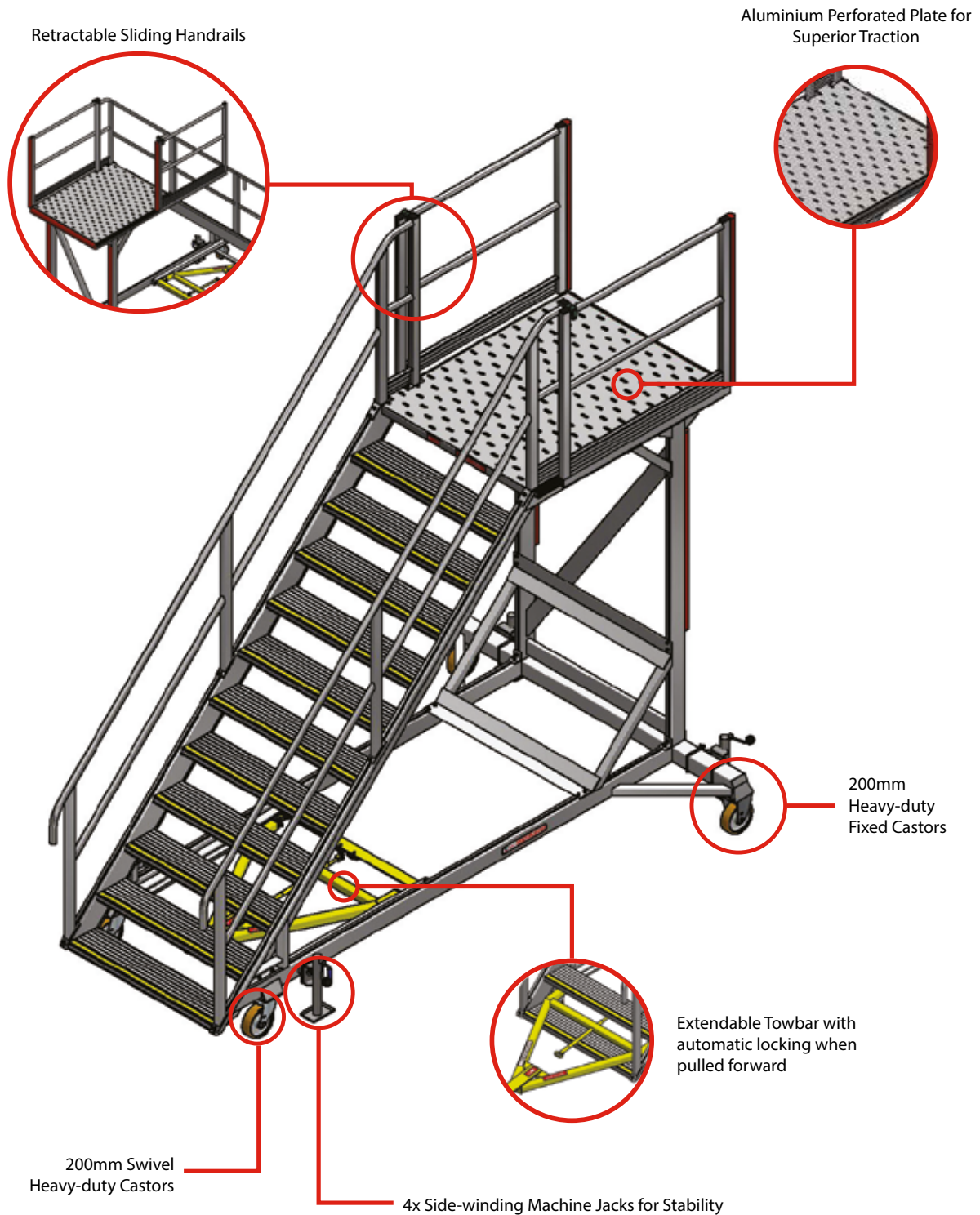




BOEING B737

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.

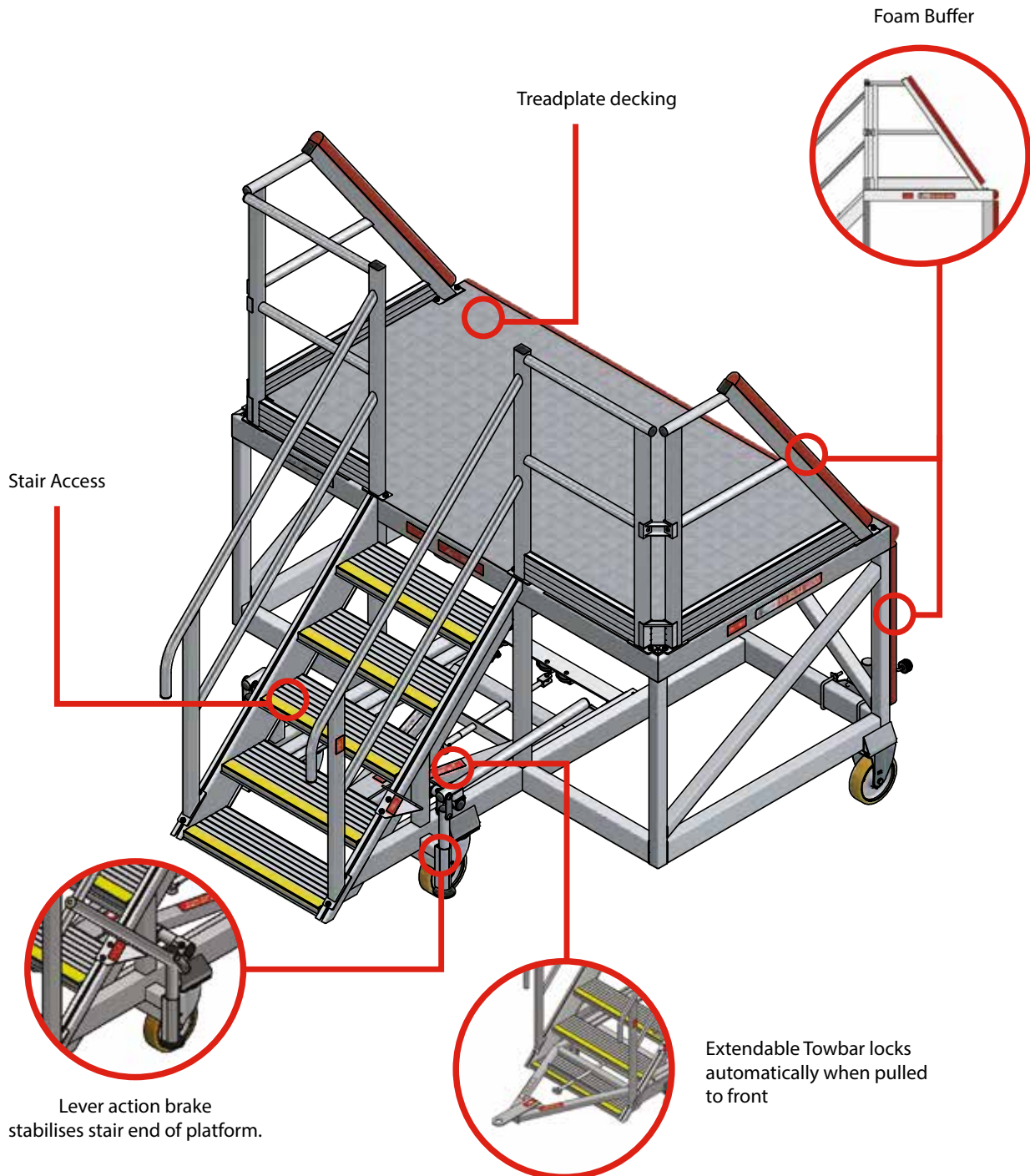




BOEING B737

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.





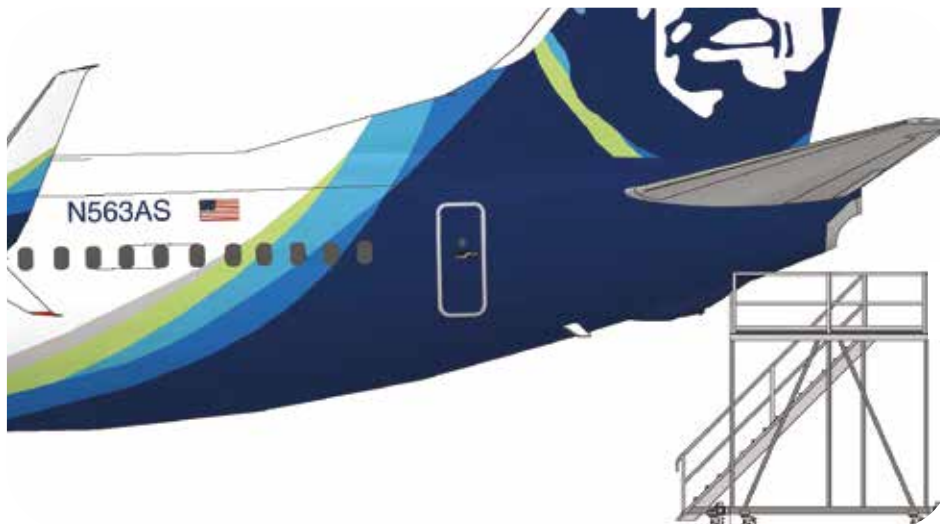
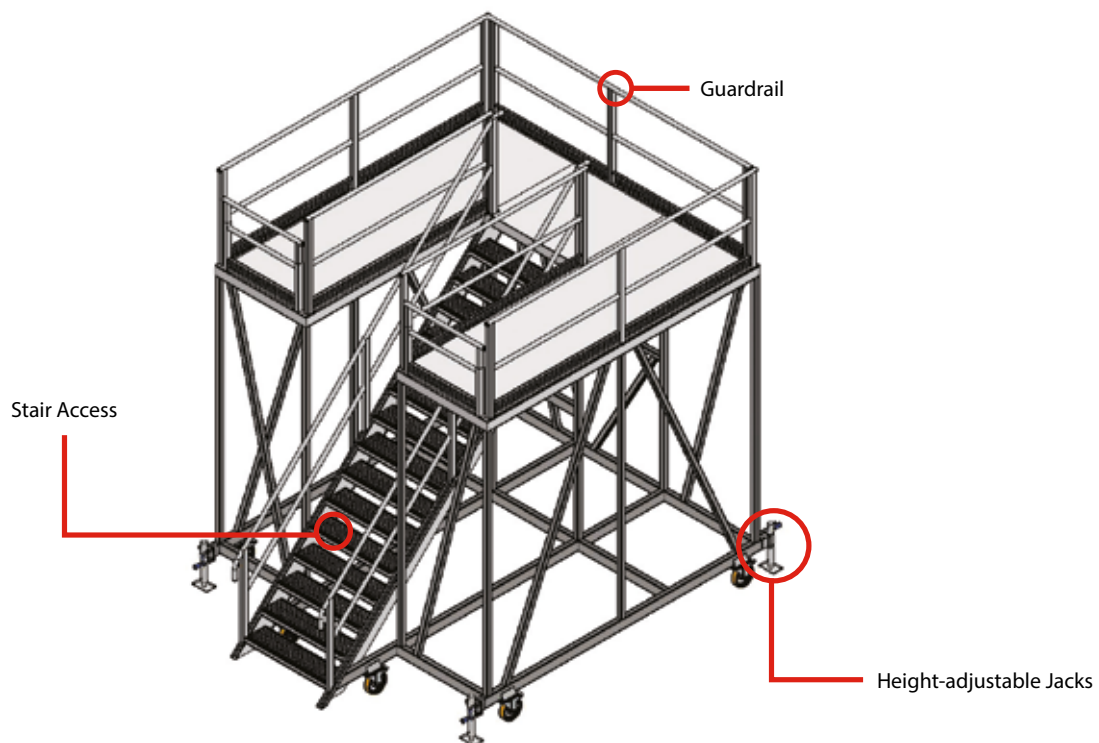
BOEING B737

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

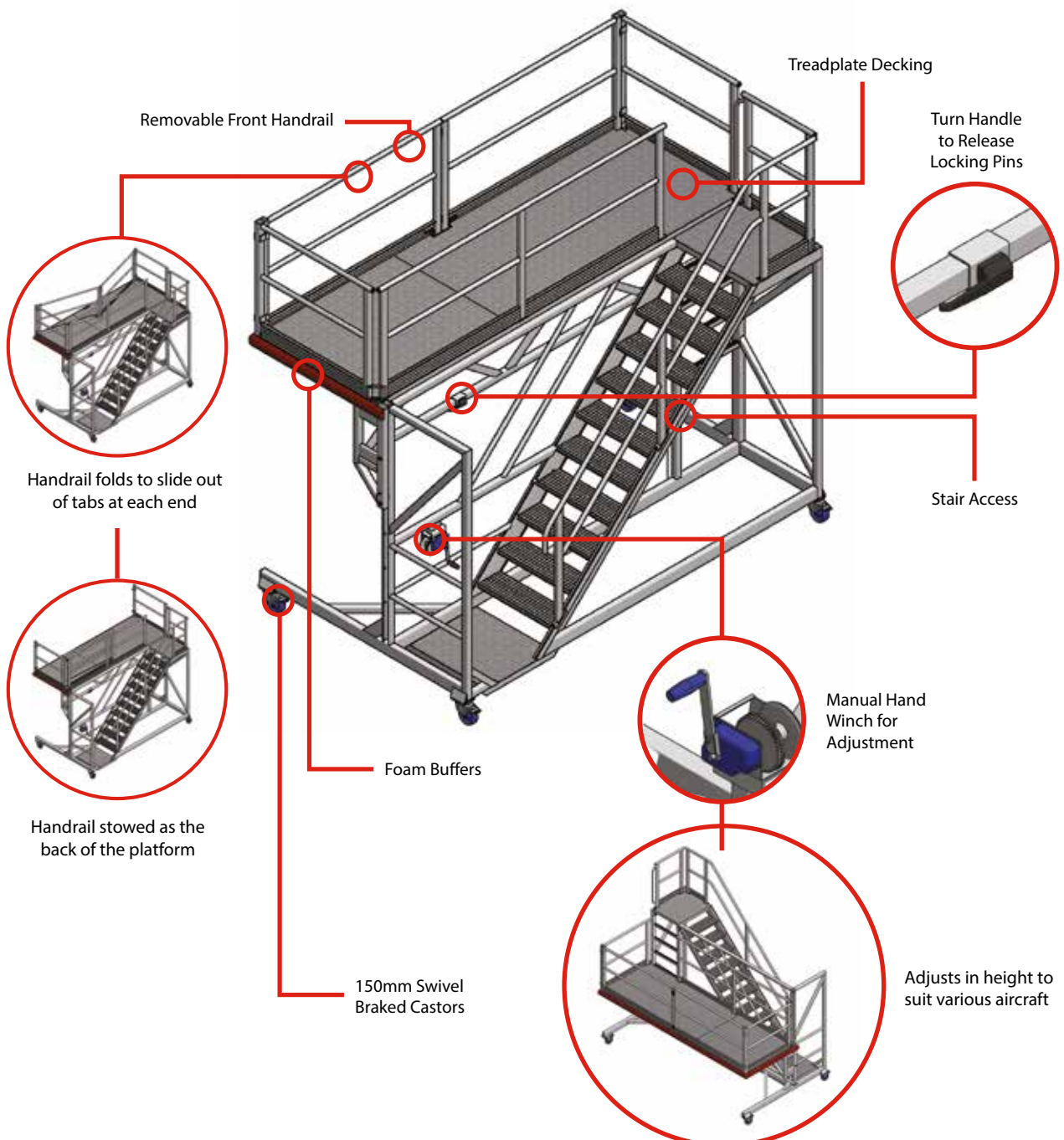
WING DOCK/WINDSHIELD ACCESS PLATFORM

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

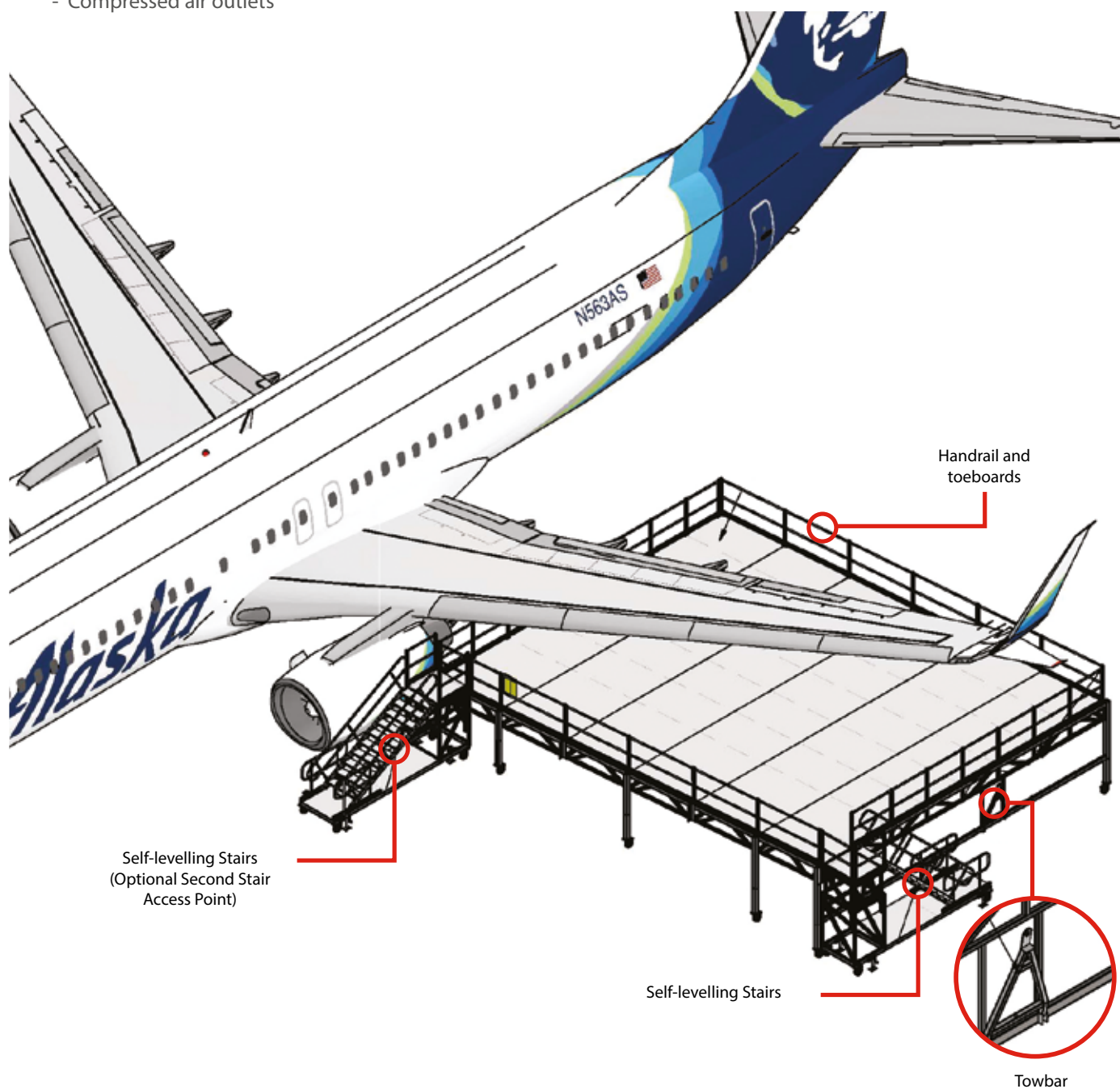




BOEING B737

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





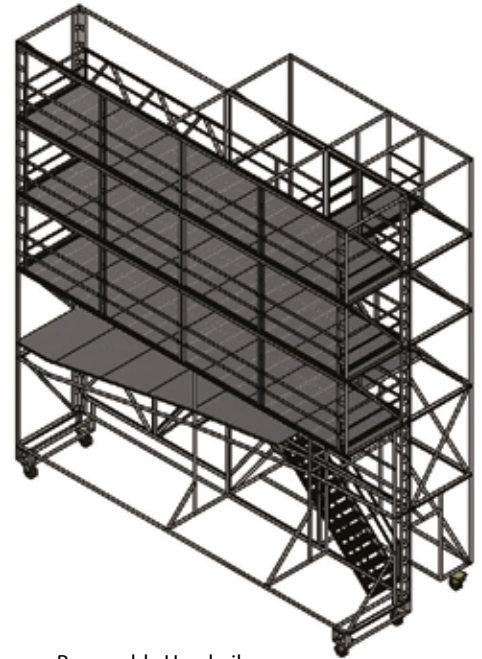
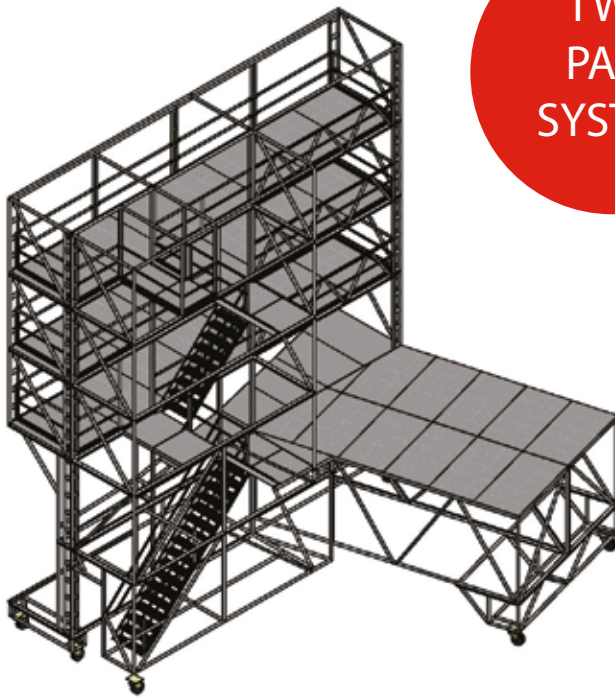
BOEING B737

TAIL DOCK

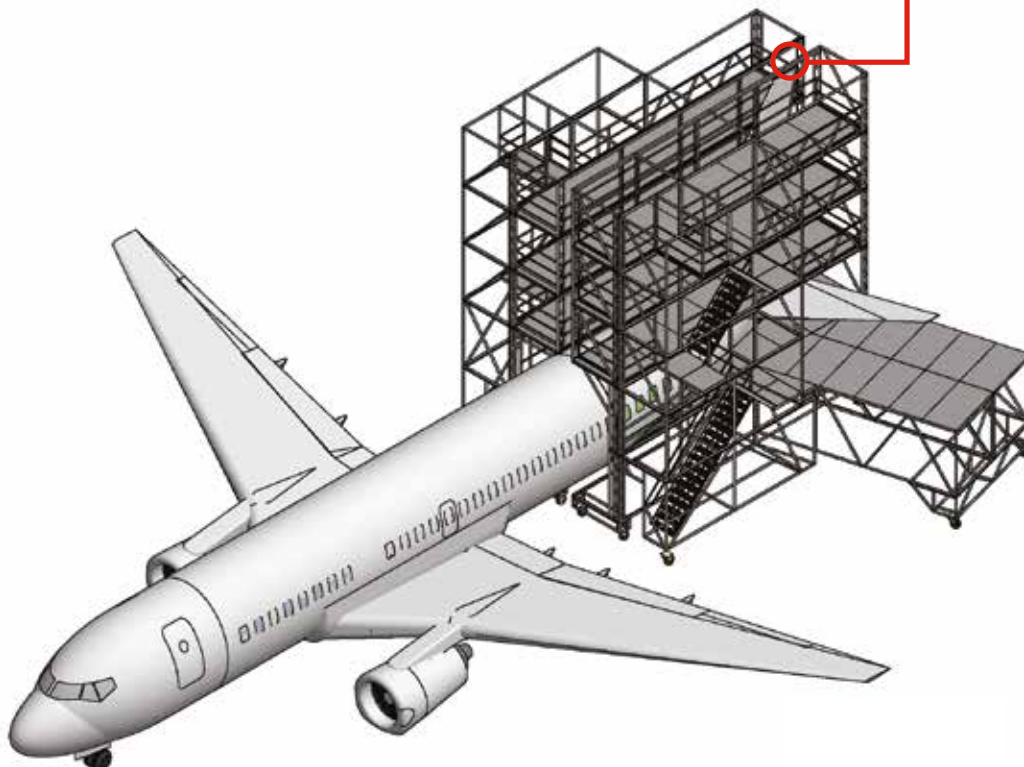
- › High Tensile Aluminium construction.
- › Modular sections are moved into position independently around the aircraft tail.
- › Power and pneumatic connections available to each work face.



TWO
PART
SYSTEM



Removable Handrails on
Inside Face.

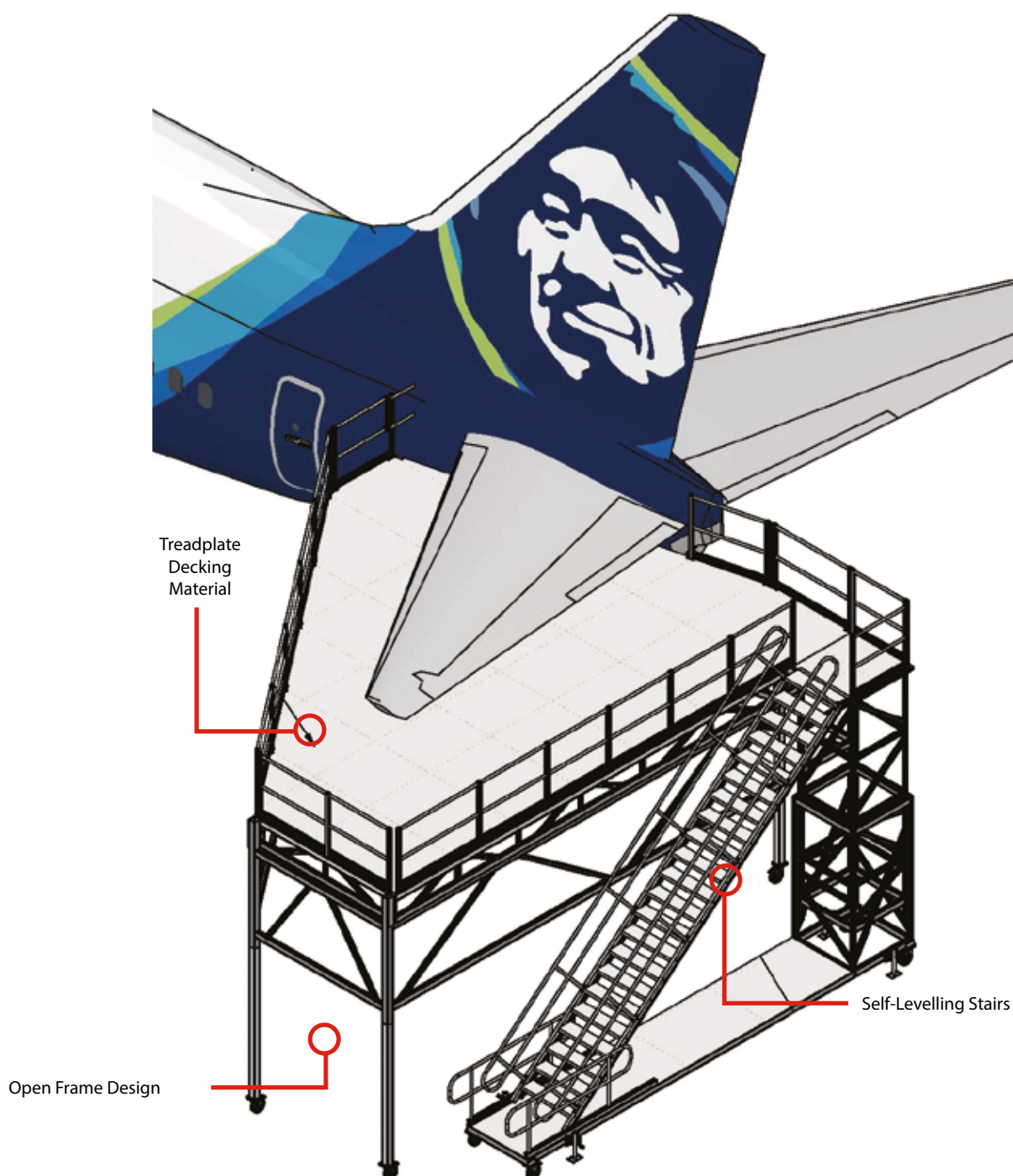




BOEING B737

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

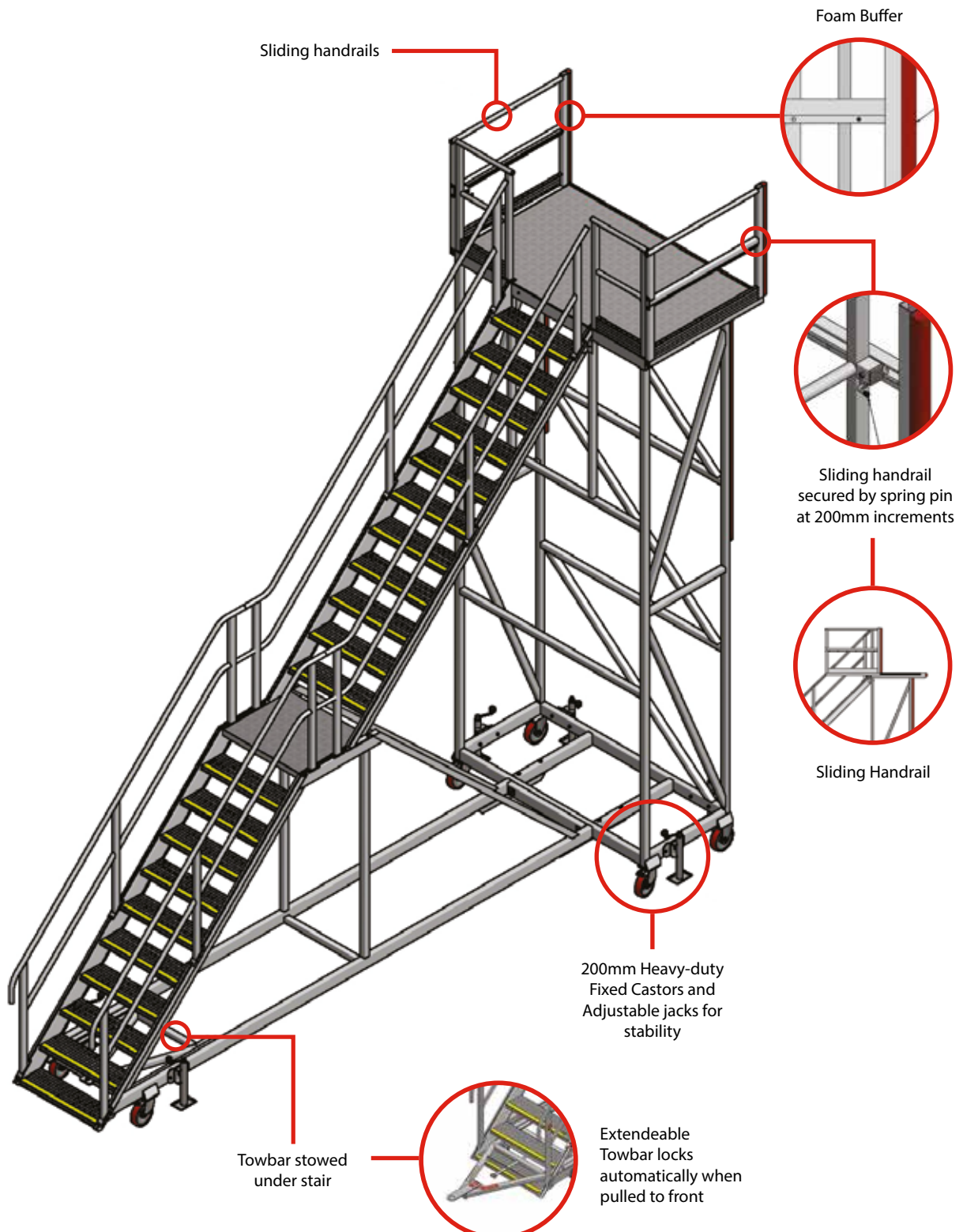




BOEING B777

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.

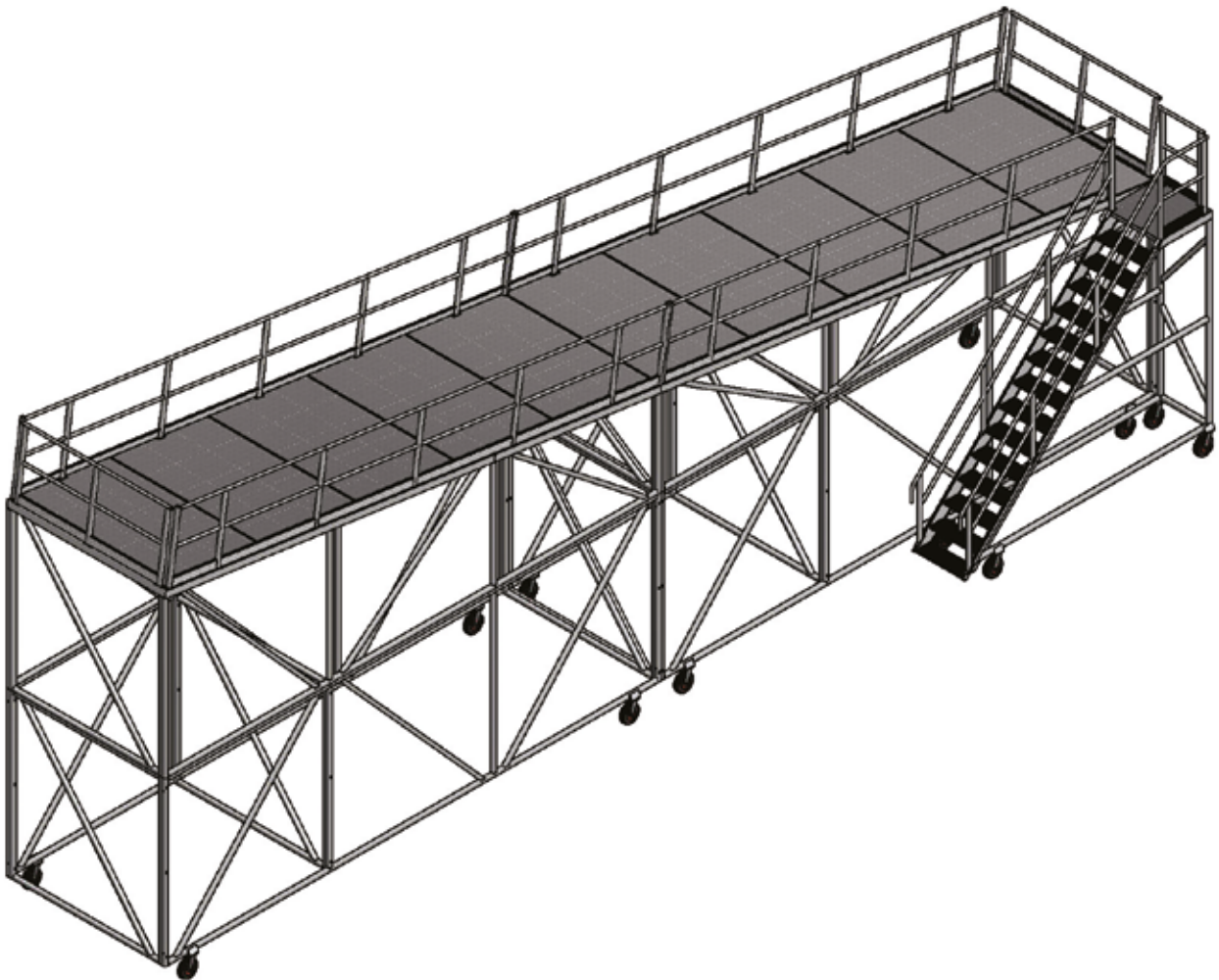




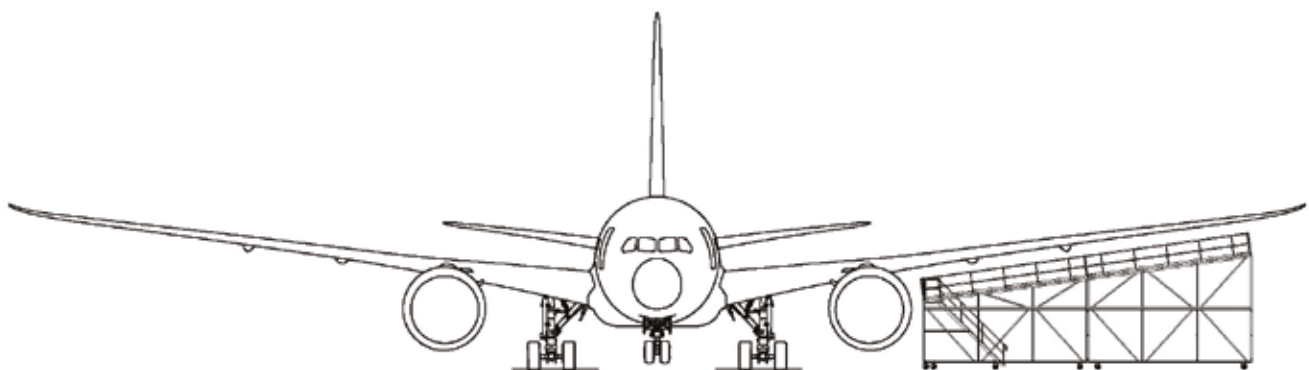
BOEING B777

MOBILE UNDERWING ACCESS PLATFORM

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



APPLICATION

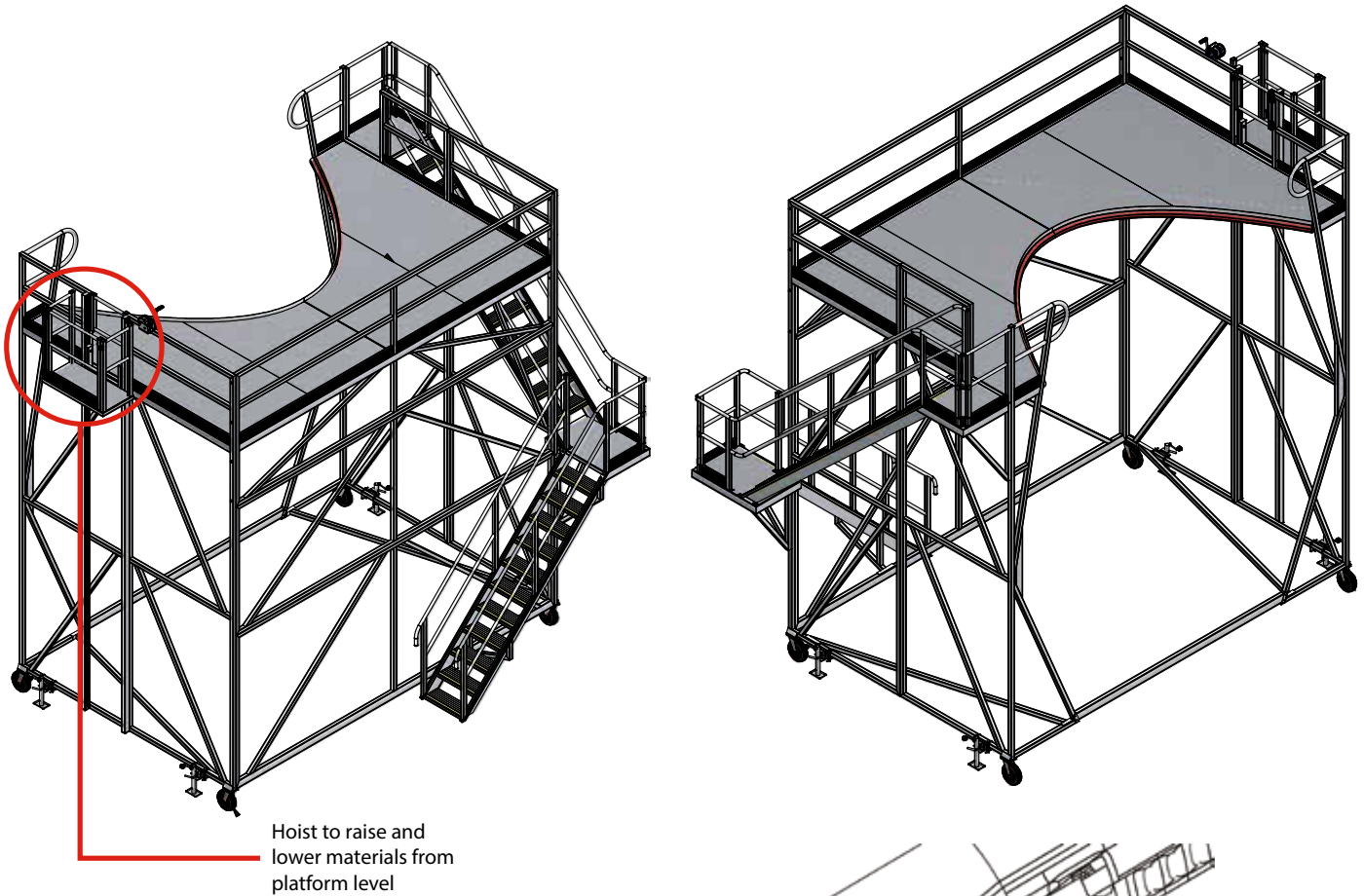




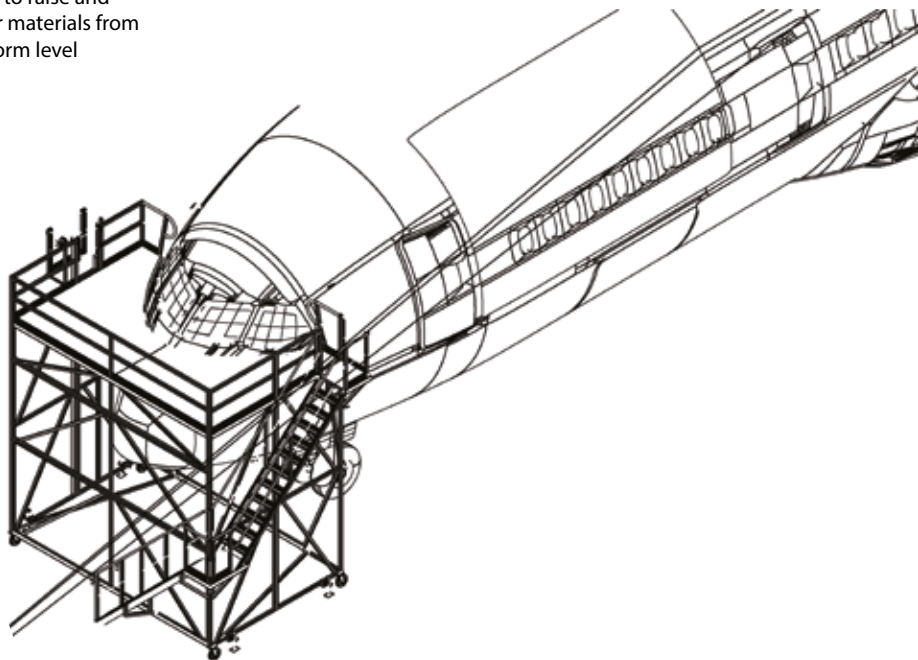
BOEING B787

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

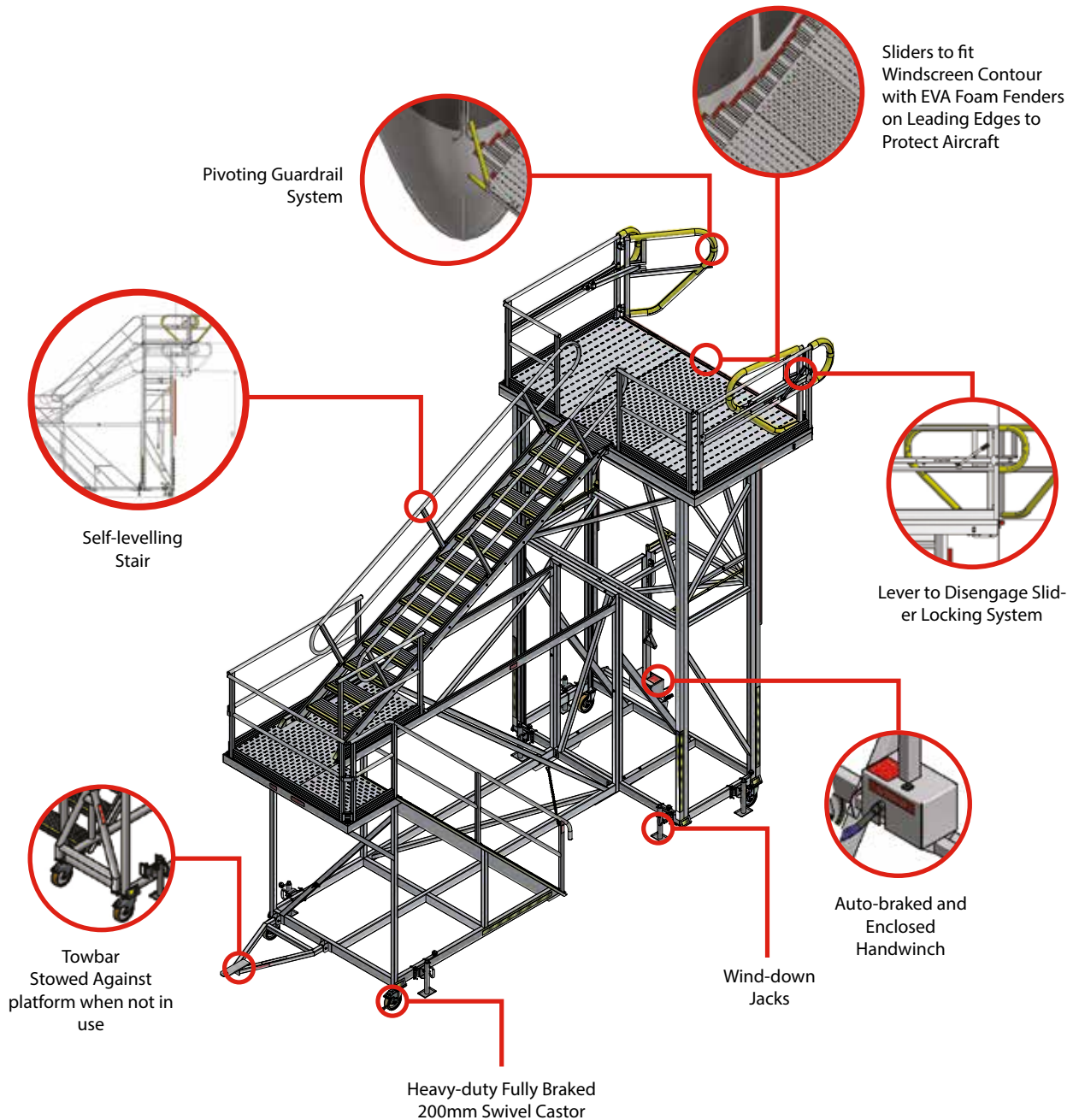




BOEING B787

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.



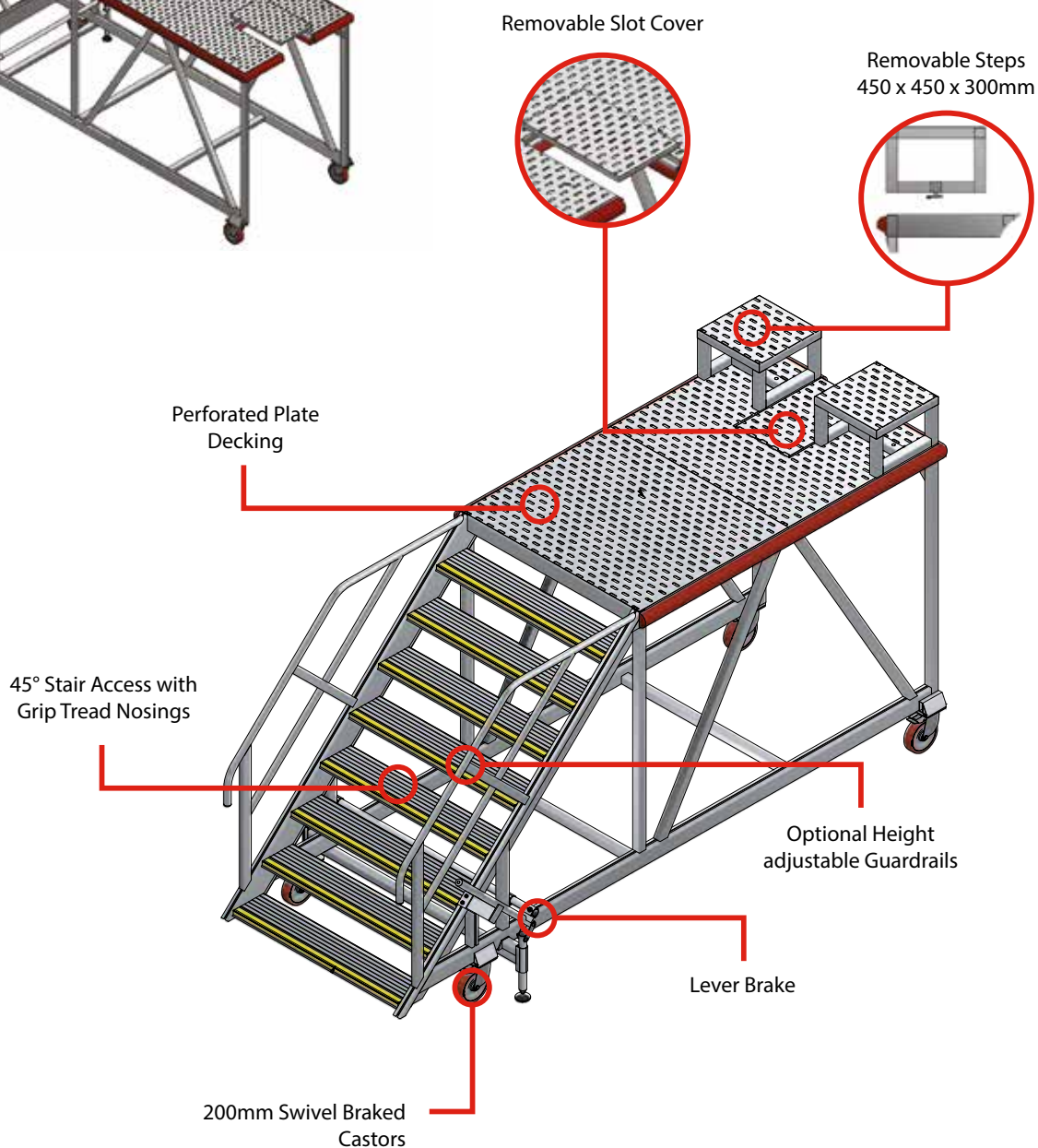


BOEING B787

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

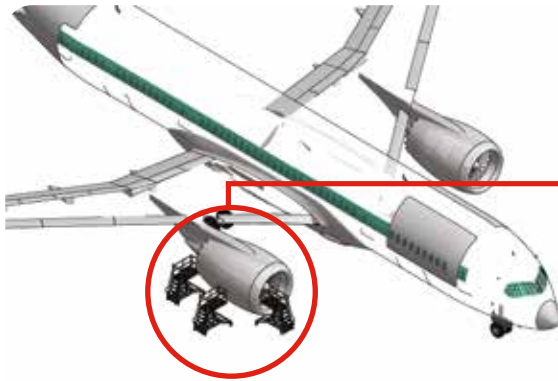




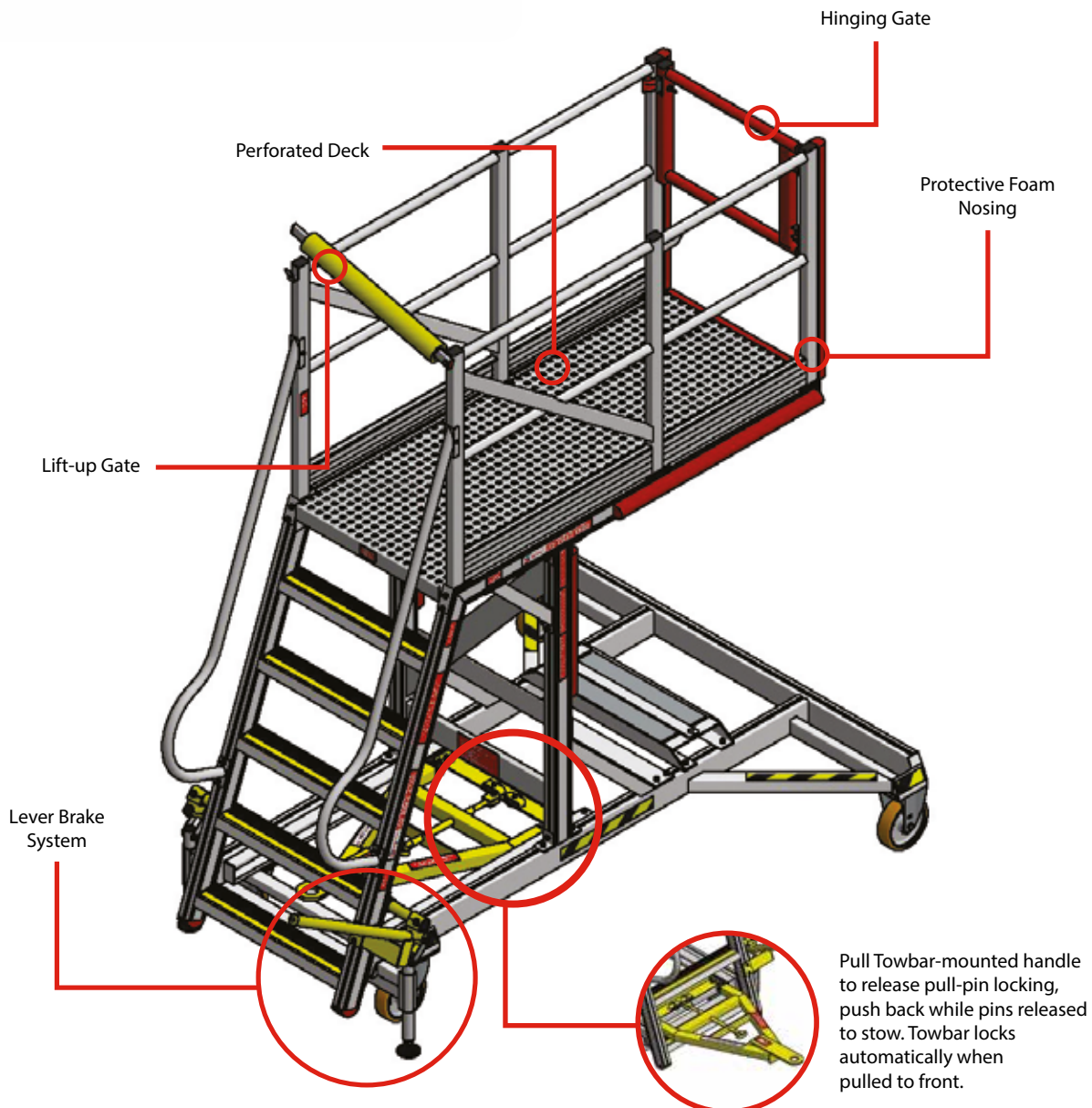
BOEING B787

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.

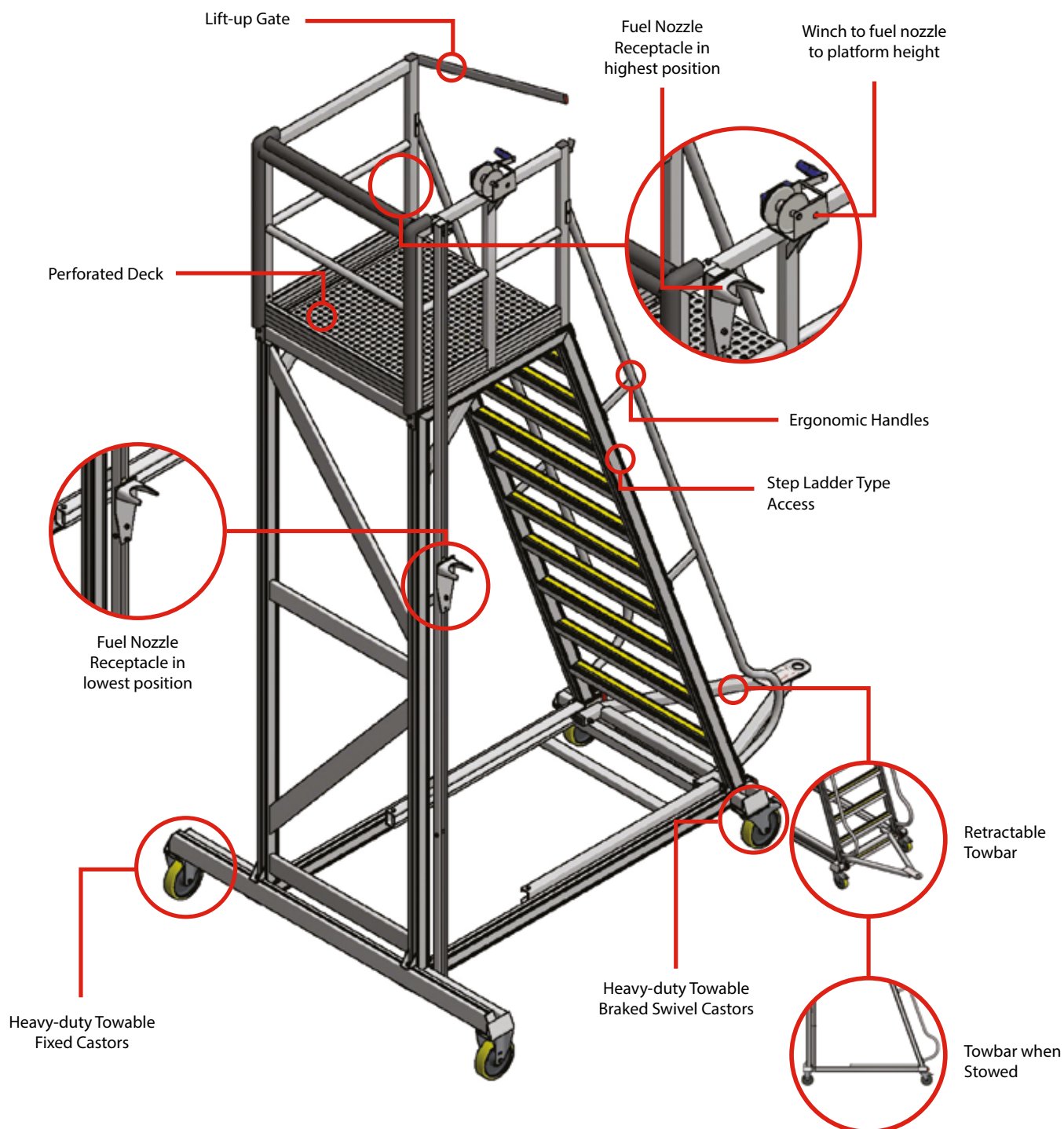




BOEING B787

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.

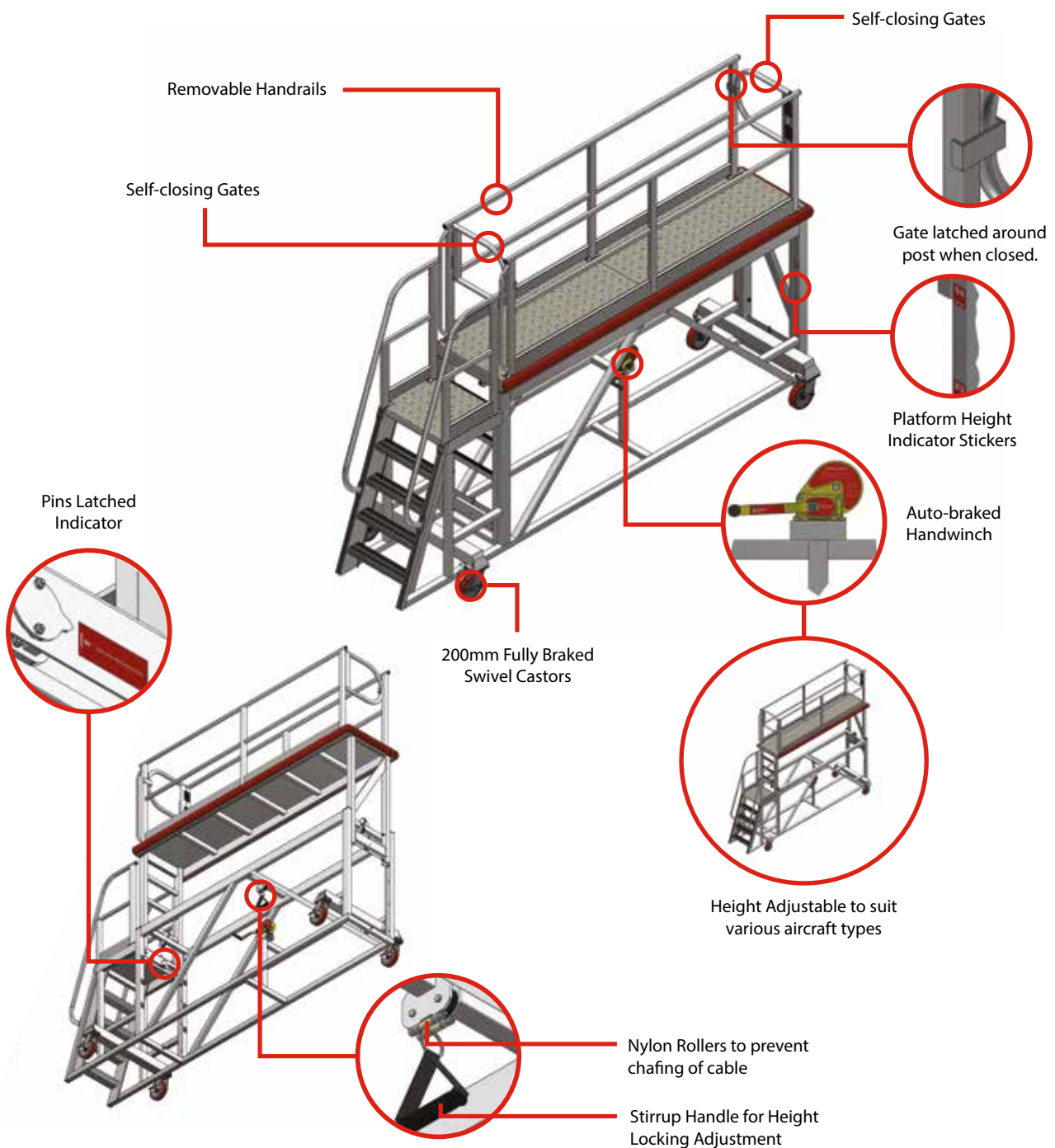




BOEING B787

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.





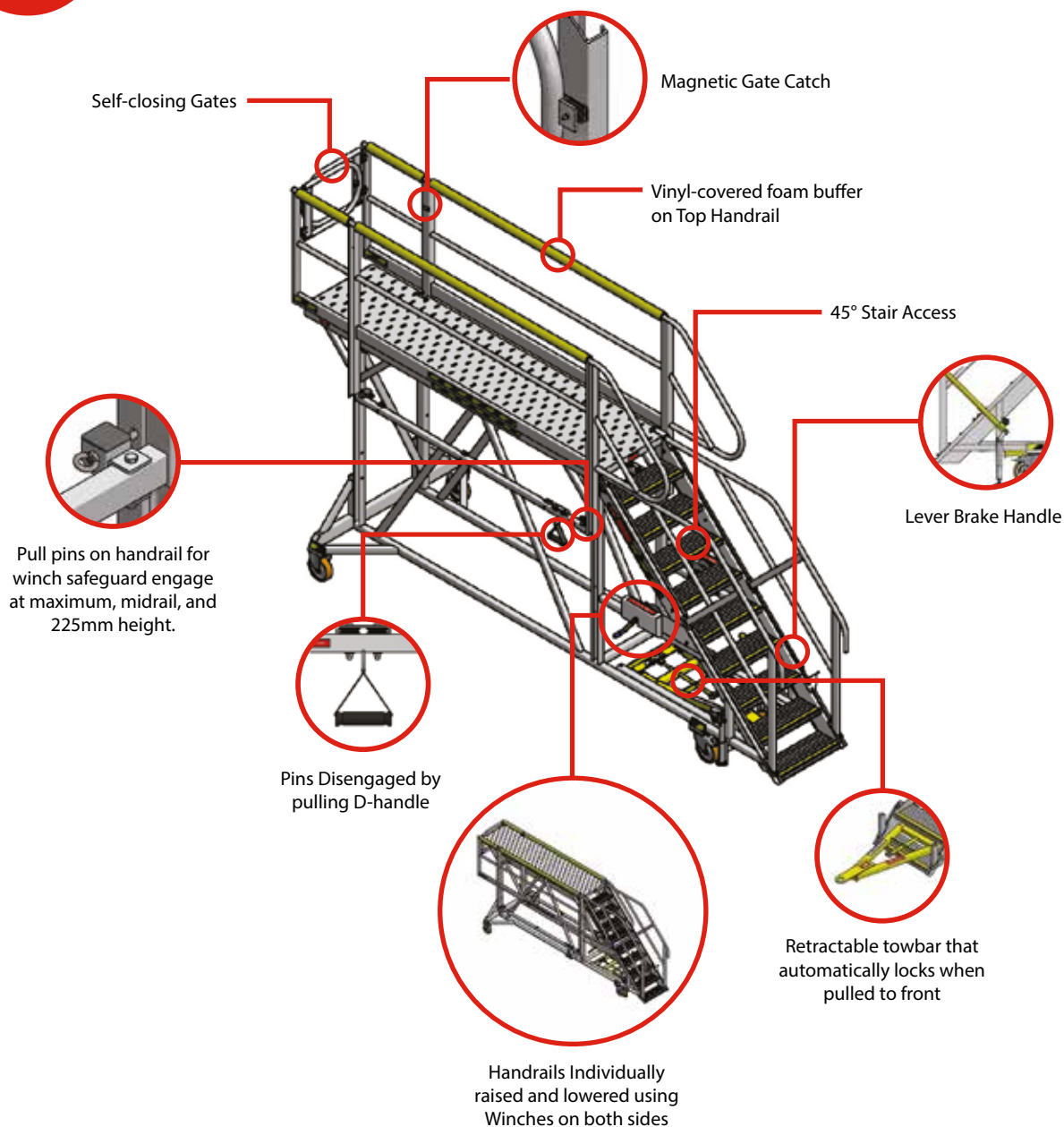
BOEING B787

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





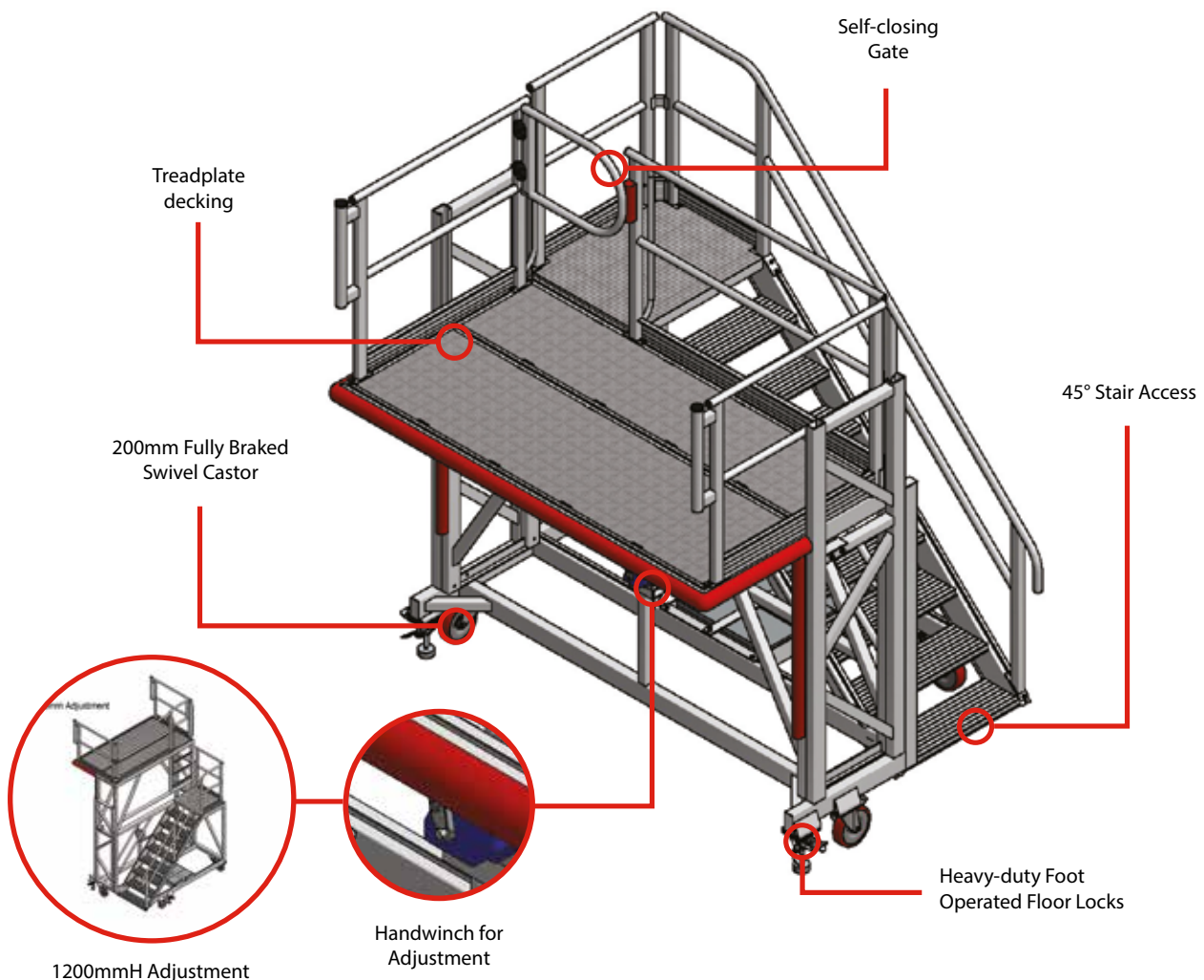
BOEING B787

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.



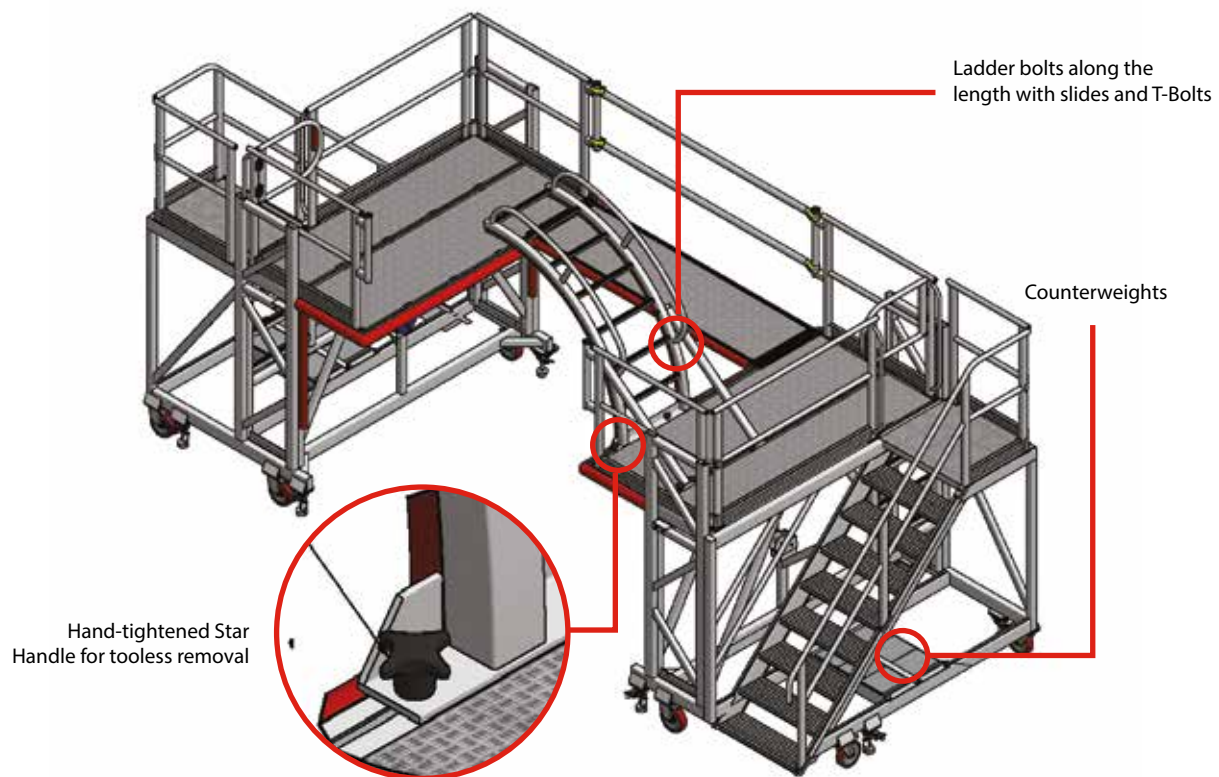
ALSO SEE T900 VERSION
ON PAGE 58-59





BOEING B787

SIDE ENGINE PLATFORM SET



PLATFORM RAISED

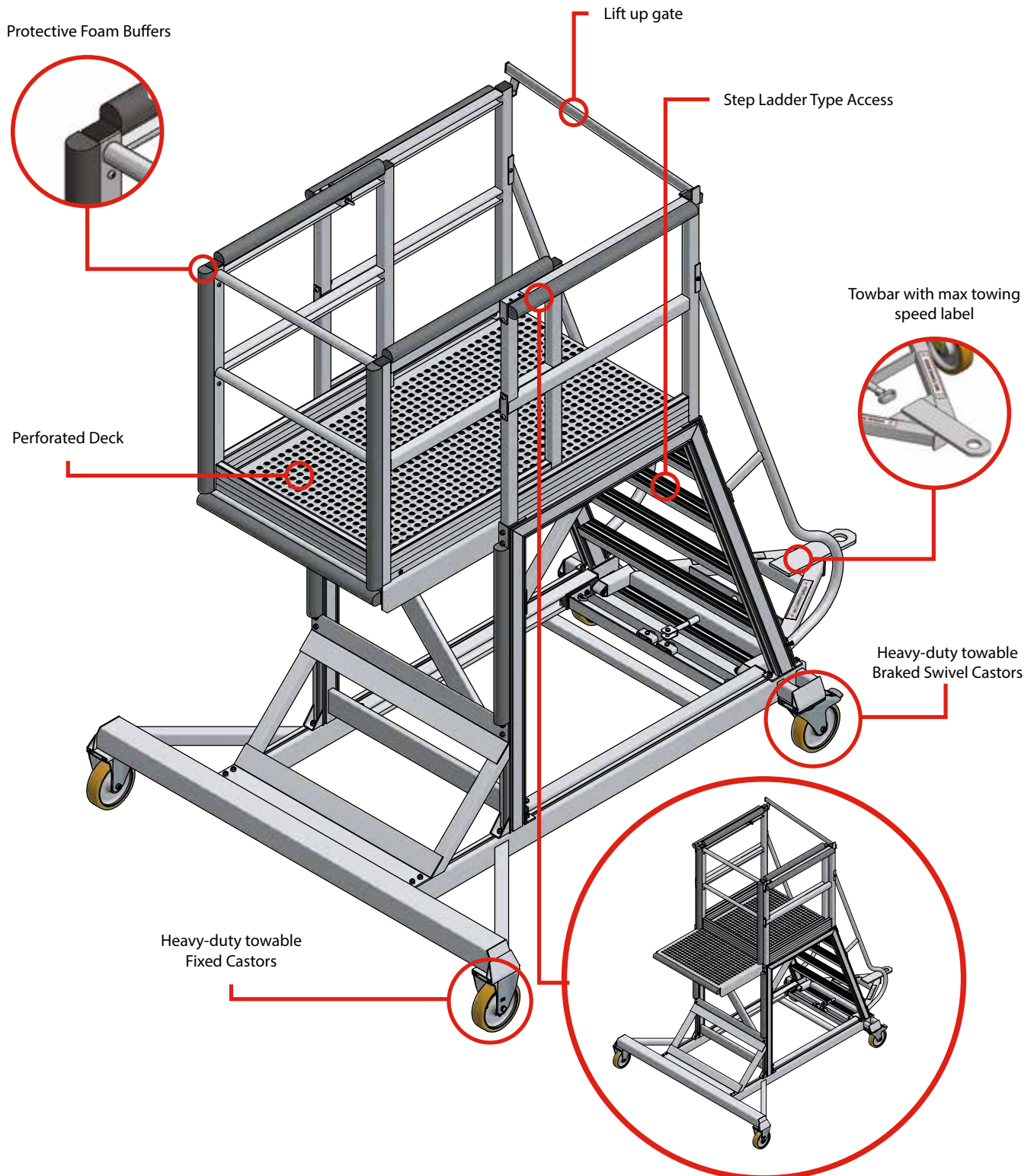




BOEING B787

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

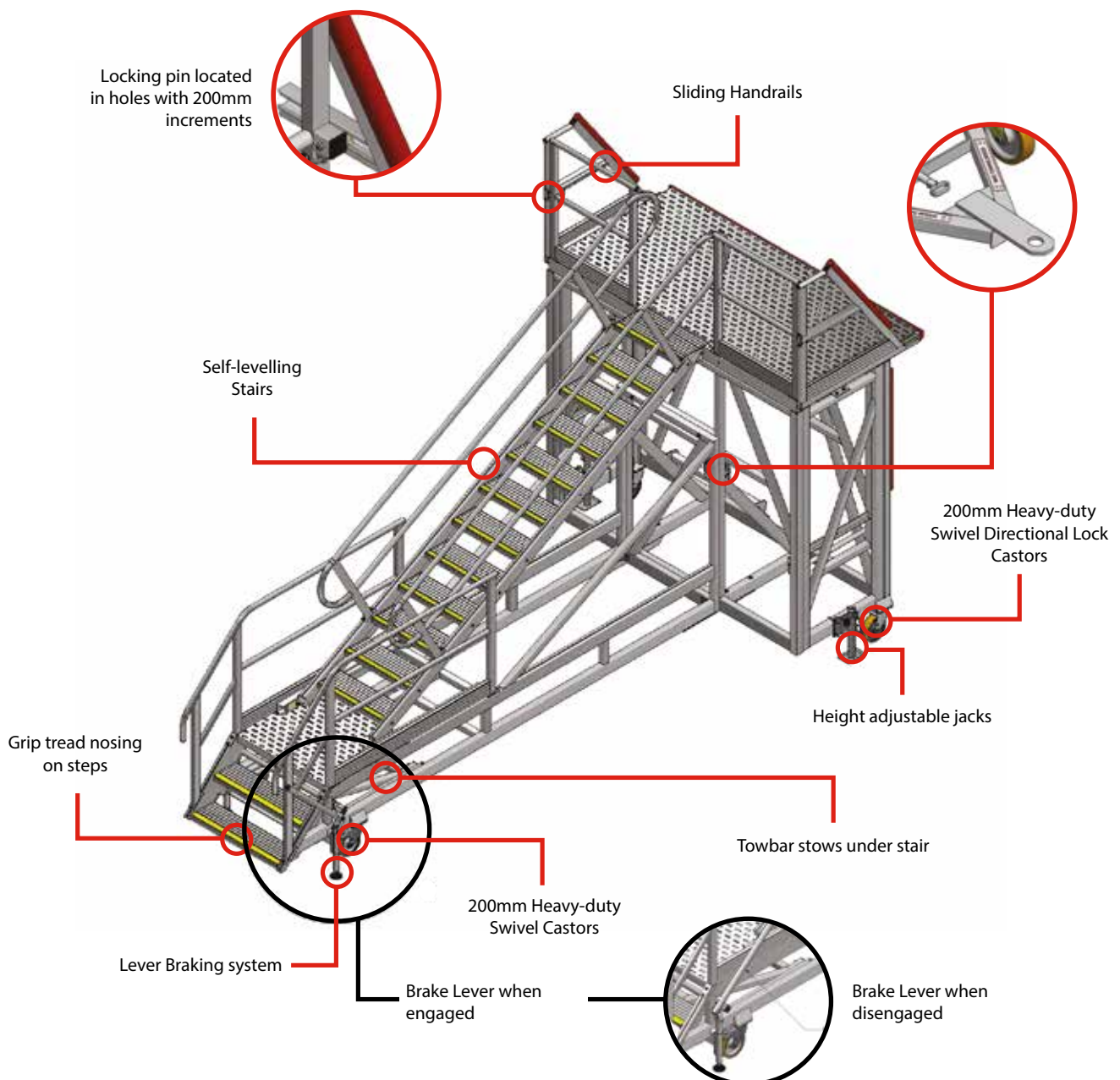
- › Allows for personnel access into the cargo hold area.
- › Full width platform to eliminate the risk of falls.
- › Adjustable height to suit varying aircraft load and cargo bays.



ADJUSTS TO SUIT:

A330 & B787

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





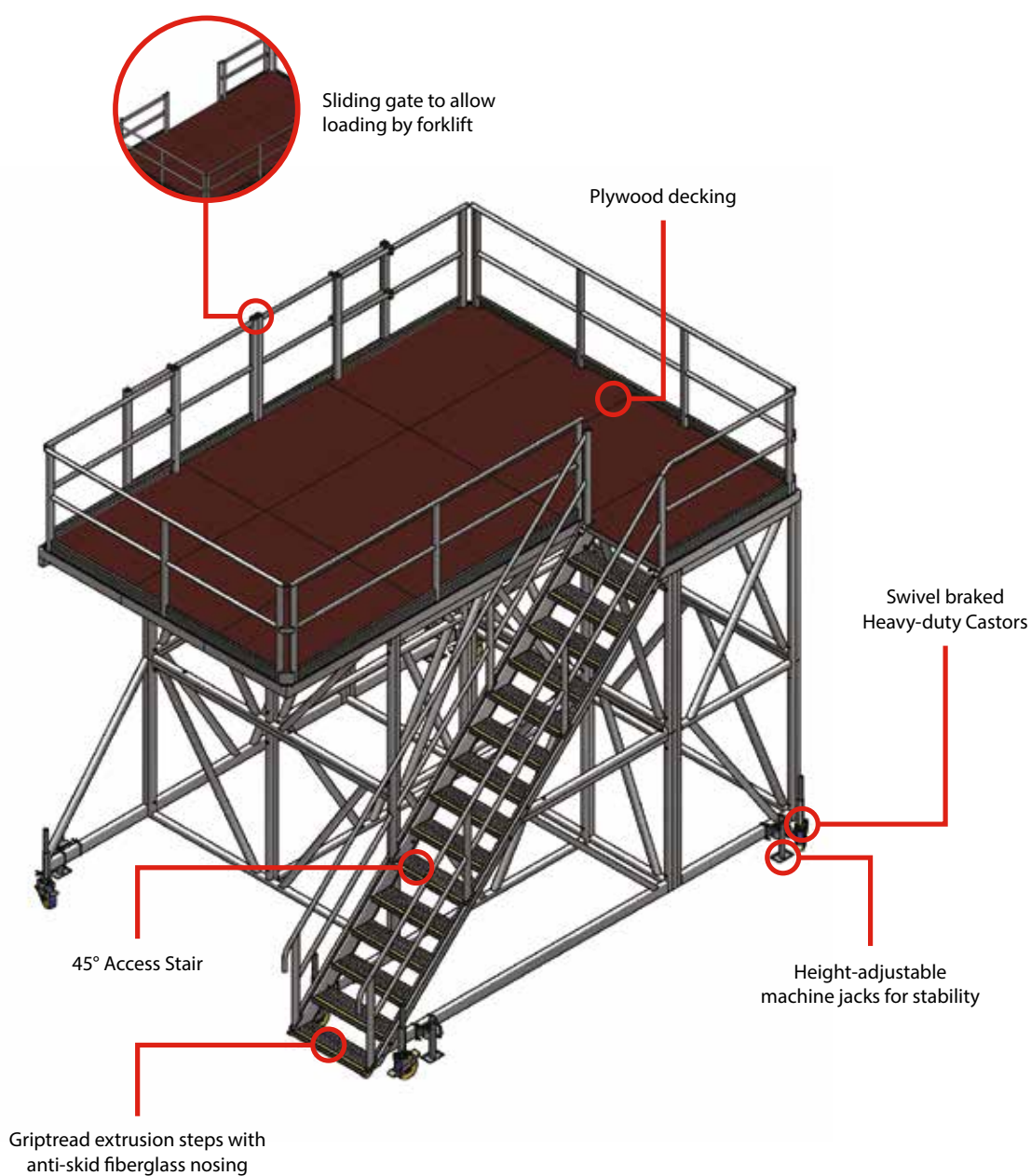
BOEING B787

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 SEESIDE ENGINE-
PLATFORM SETPAGE 98 - 99
FOR EXAMPLES



BOEING C-17A



NSN: 1730-66-168-5156

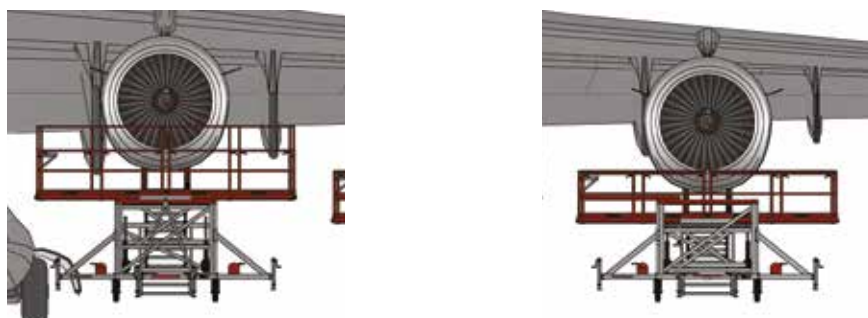
ENGINE MAINTENANCE PLATFORM

- › 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



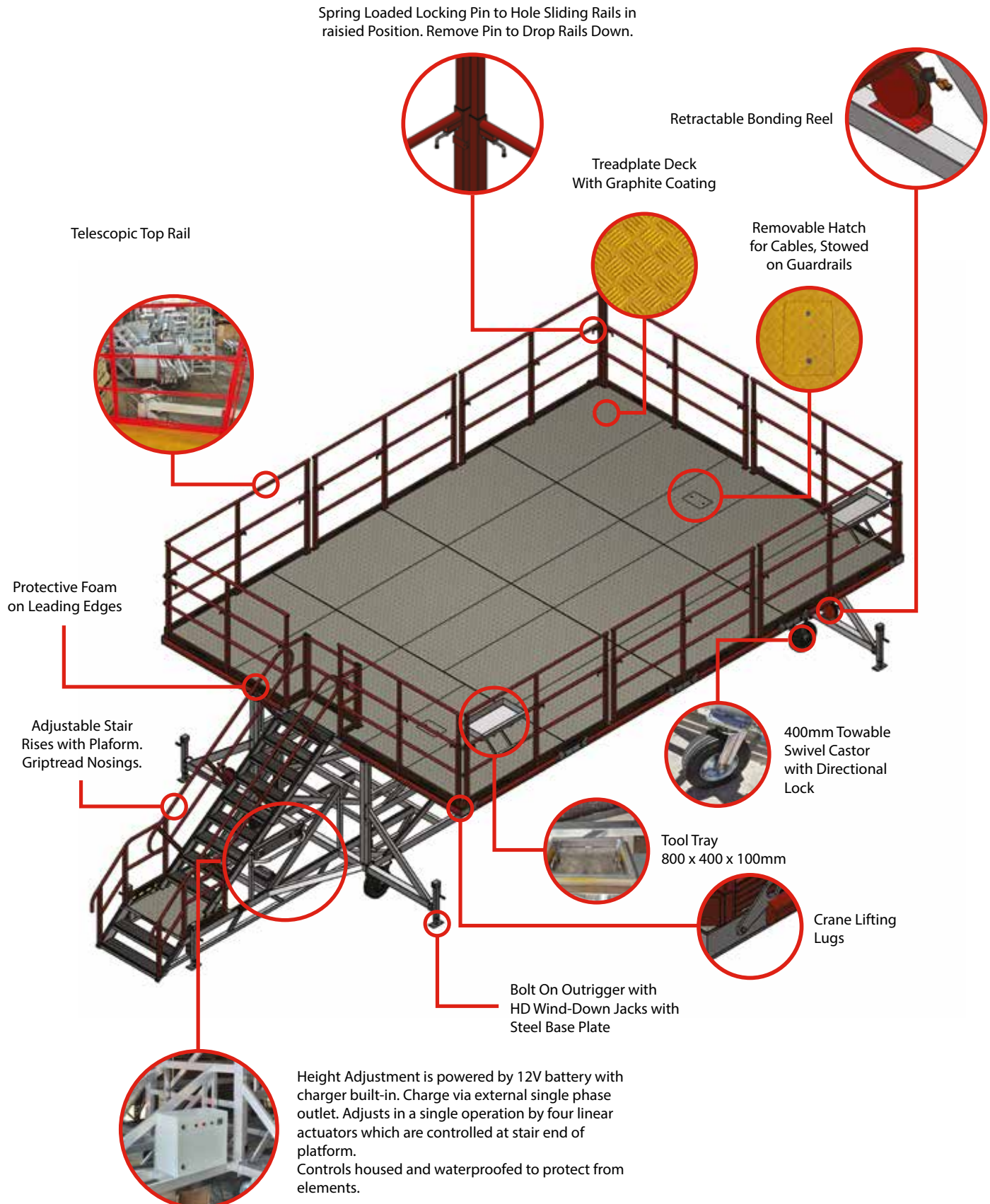
APPLICATION





BOEING C-17A

ENGINE MAINTENANCE PLATFORM FEATURES





ALENIA C-27J



NSN: 1730-66-168-3323

ENGINE & WING HEIGHT ADJUSTABLE ACCESS PLATFORM

- › 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.

Perforated decking

Spring loaded entry gate

Held in place with spring pin when stowed

70° Access Stair with anti-skid nosing

Integral Vertical Ladder

Drop down Towbar

2X Swivel towable castors with directional lock at stair end

Wind-down jacks

2X Swivel towable 200mm castors rear

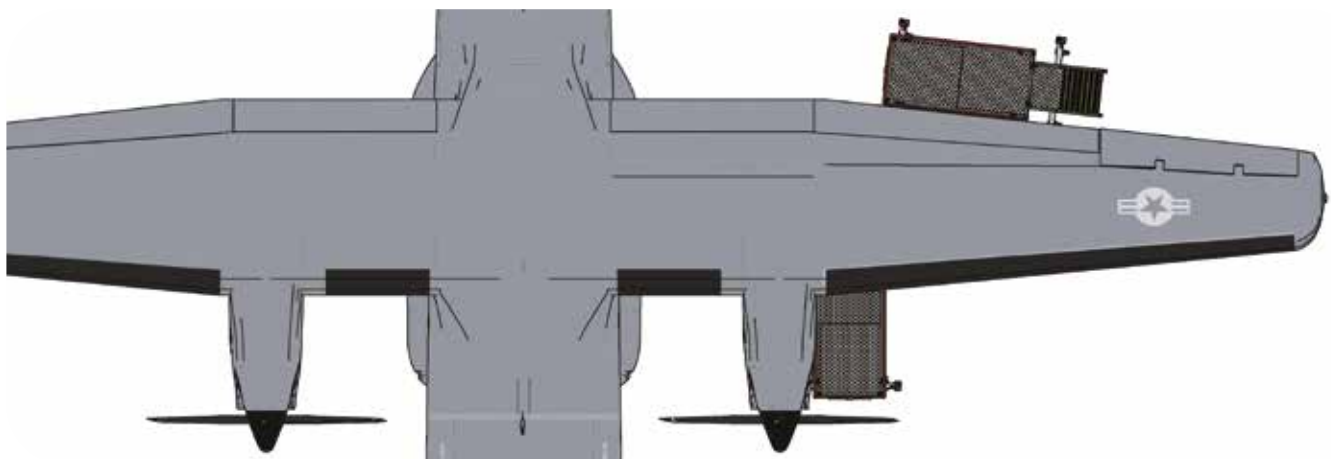
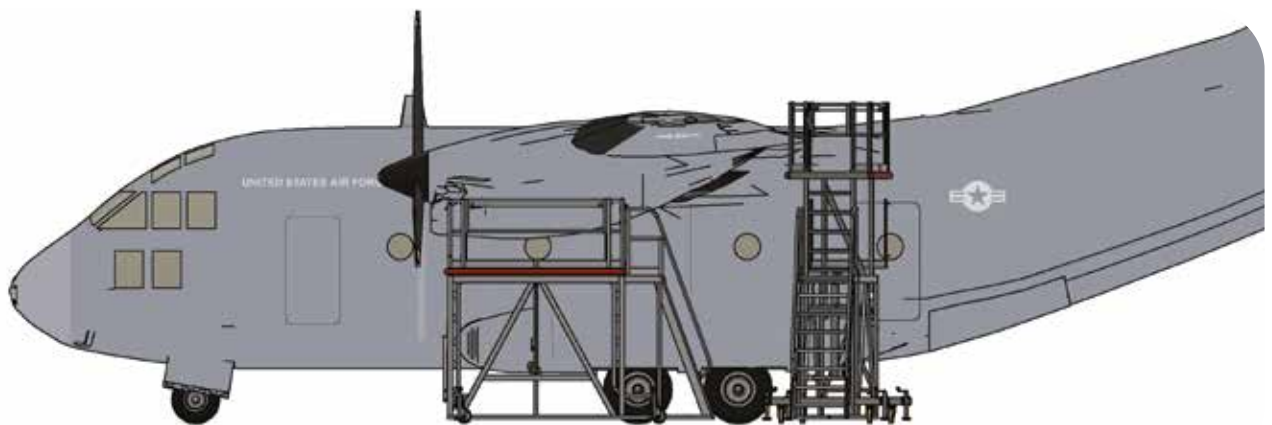
Handle to dis-engage auto-locking pins

Auto braked hand winch



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

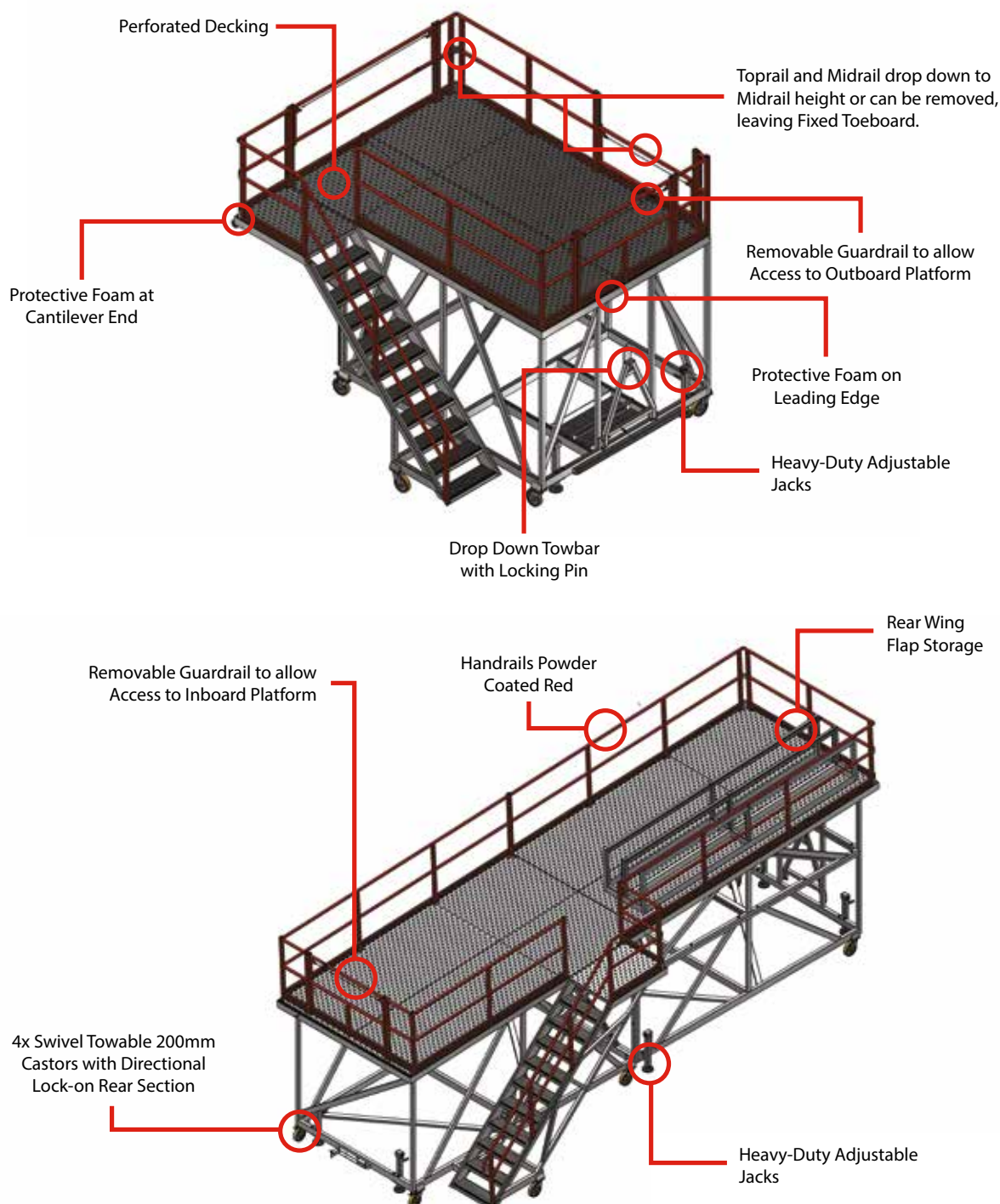
NSN: 1730-66-168-3336

LH INBOARD

NSN: 1730-66-168-3337

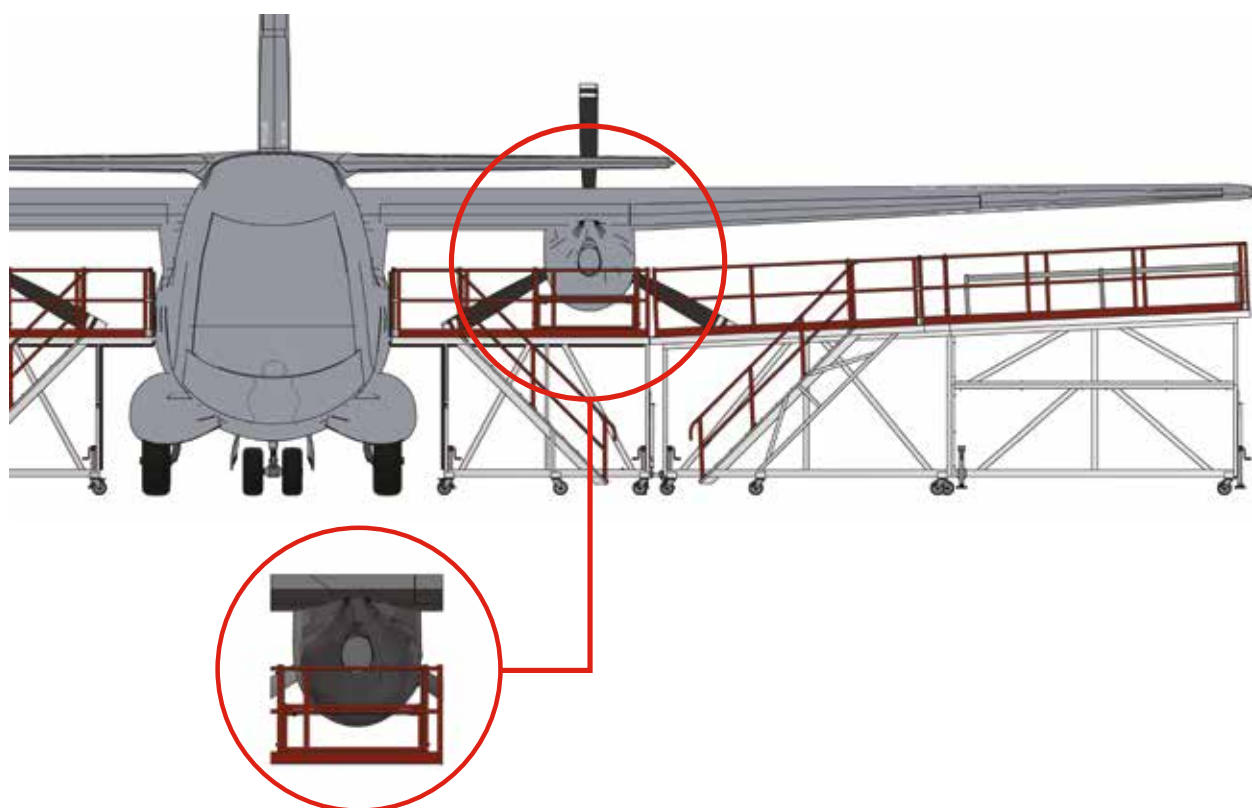
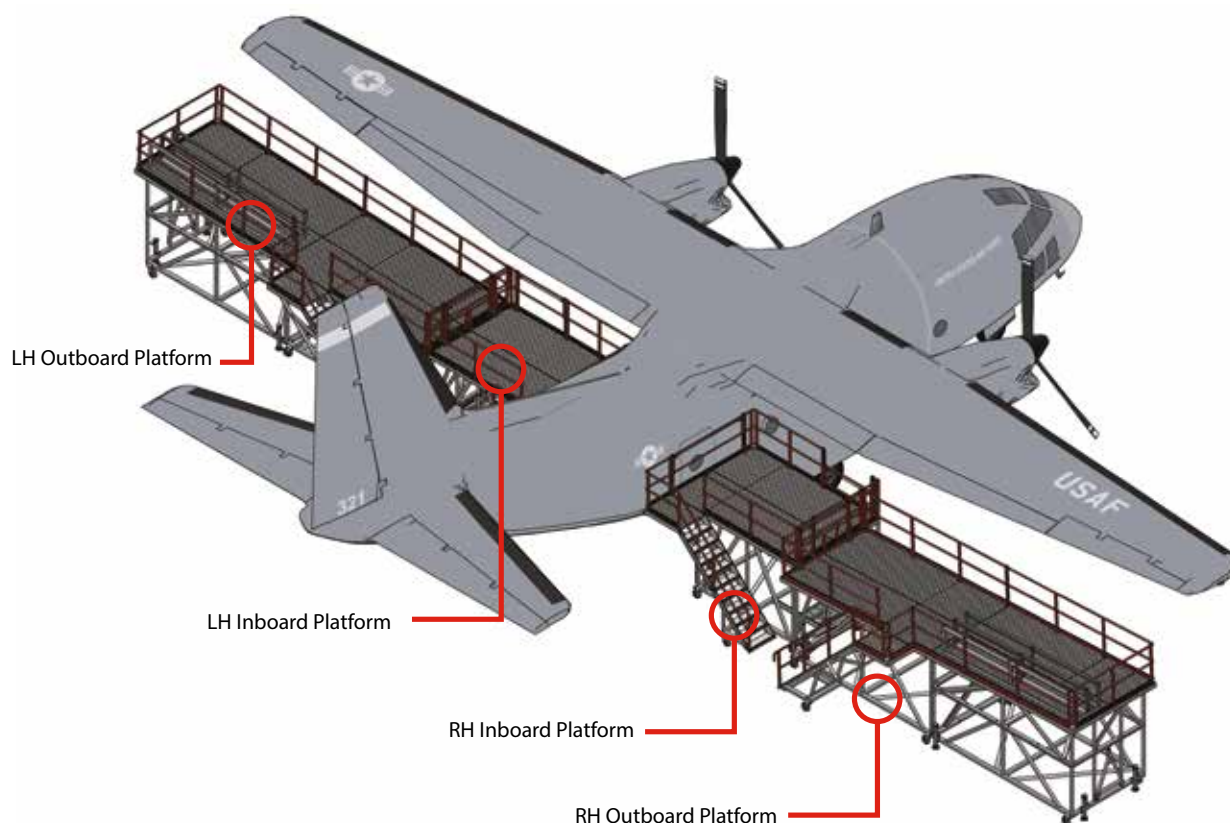
LH OUTBOARD

NSN: 1730-66-168-3338





ALENIA C-27J

C-27 INBOARD & OUTBOARD REAR
WING ACCESS



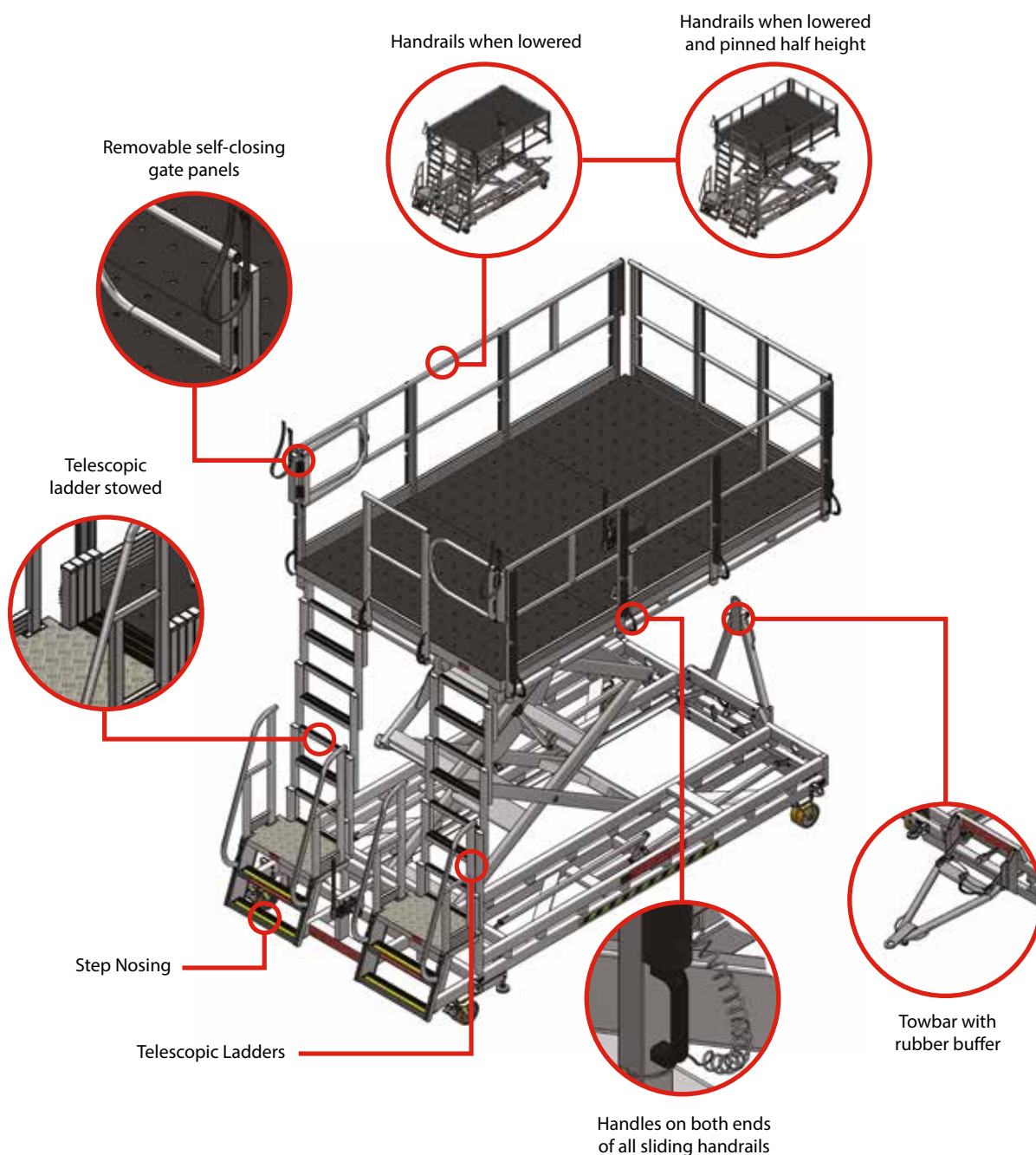
LOCKHEED MARTIN C-130



NSN: 1730-66-168-3821

AF-BF SERVICES WORK PLATFORM

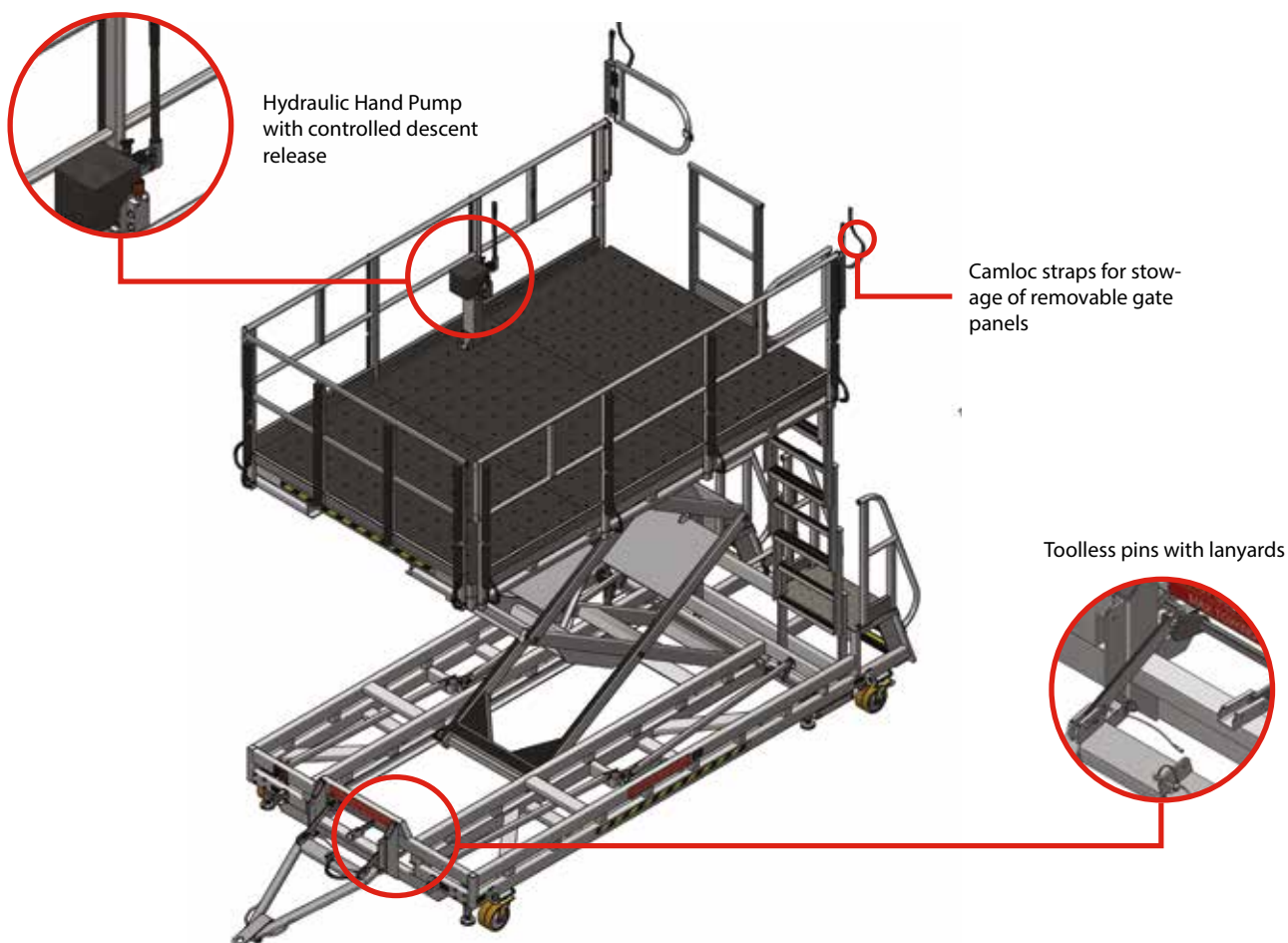
- › Configurable for many applications and tasks completed during After Flight and Before Flight checks.
- › Height adjustment is via hydraulics, and utilises a scissor arrangement to allow a massive adjustment range.
- › Rubber matting, provides superior grip and allows for work while kneeling.
- › 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.



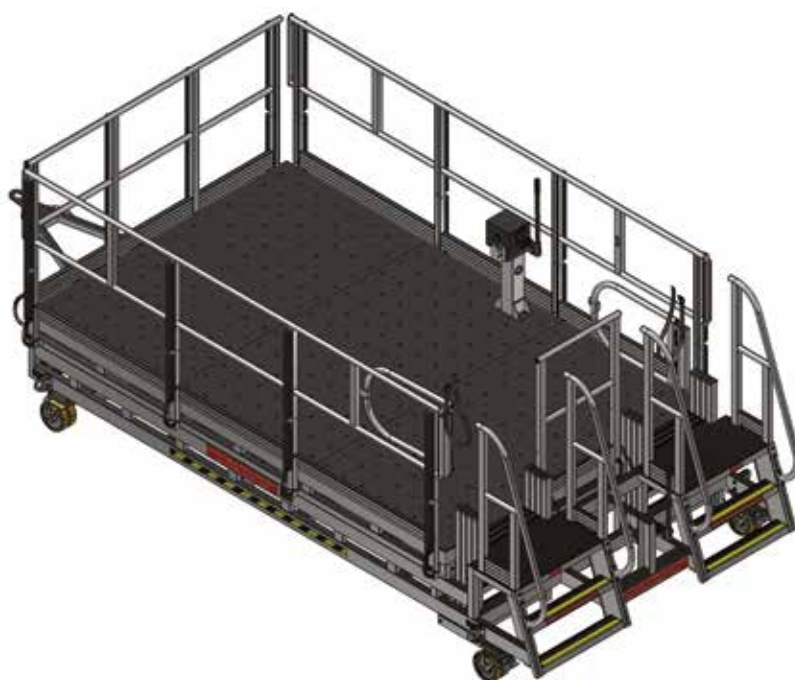


LOCKHEED MARTIN C-130

AF-BF SERVICES WORK PLATFORM



LOWEST HEIGHT SETTING





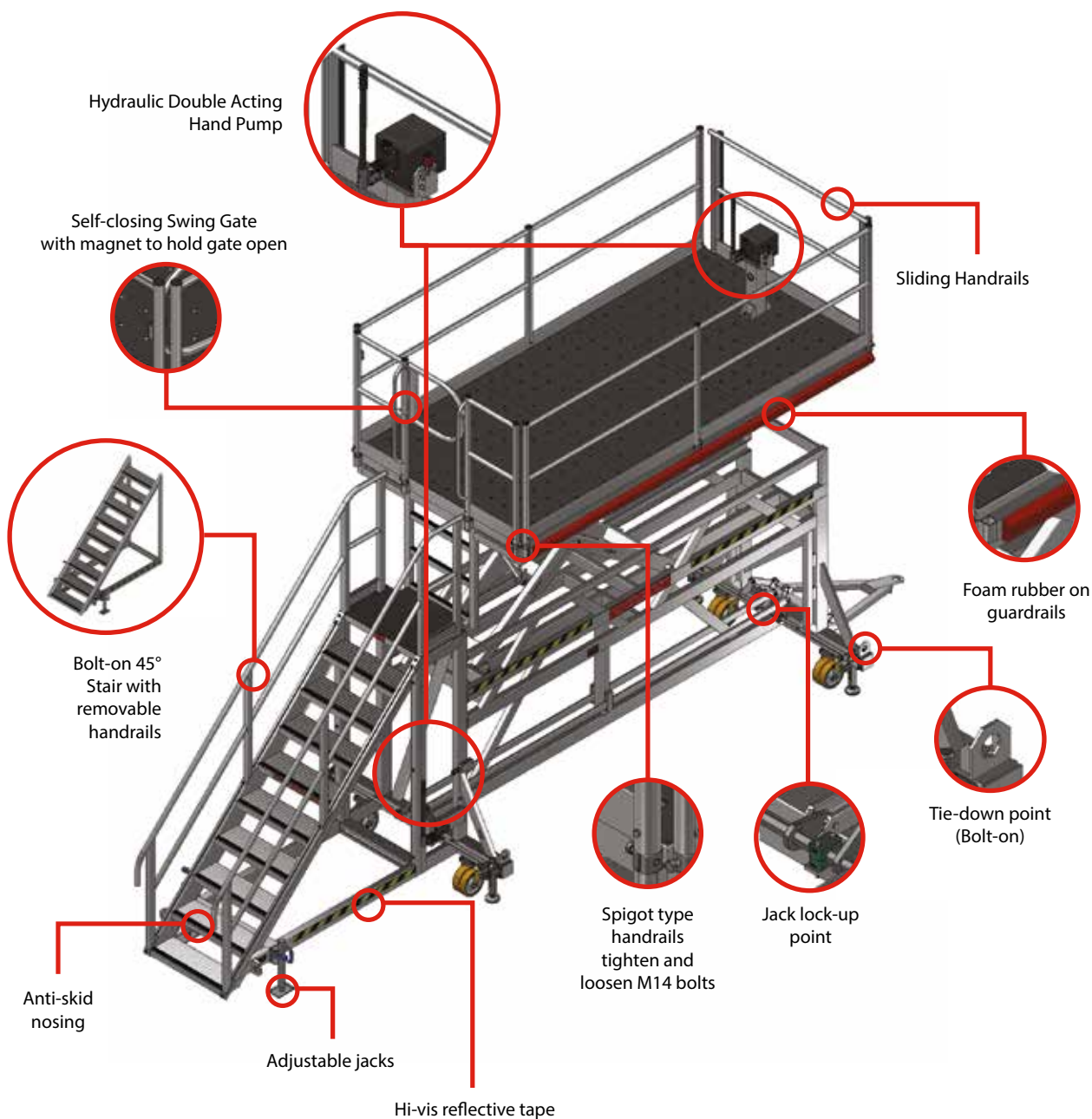
LOCKHEED MARTIN C-130

ARMPIT SERVICE STAND



NSN: 1730-66-168-3822

- › 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 CONFIGURATIONPLATFORM RAISED TO 3.0MH
WITH JACKS LOWEREDPLATFORM WITHOUT BOLT-
ON STAIR CONFIGURATION

C-130 APPLICATION





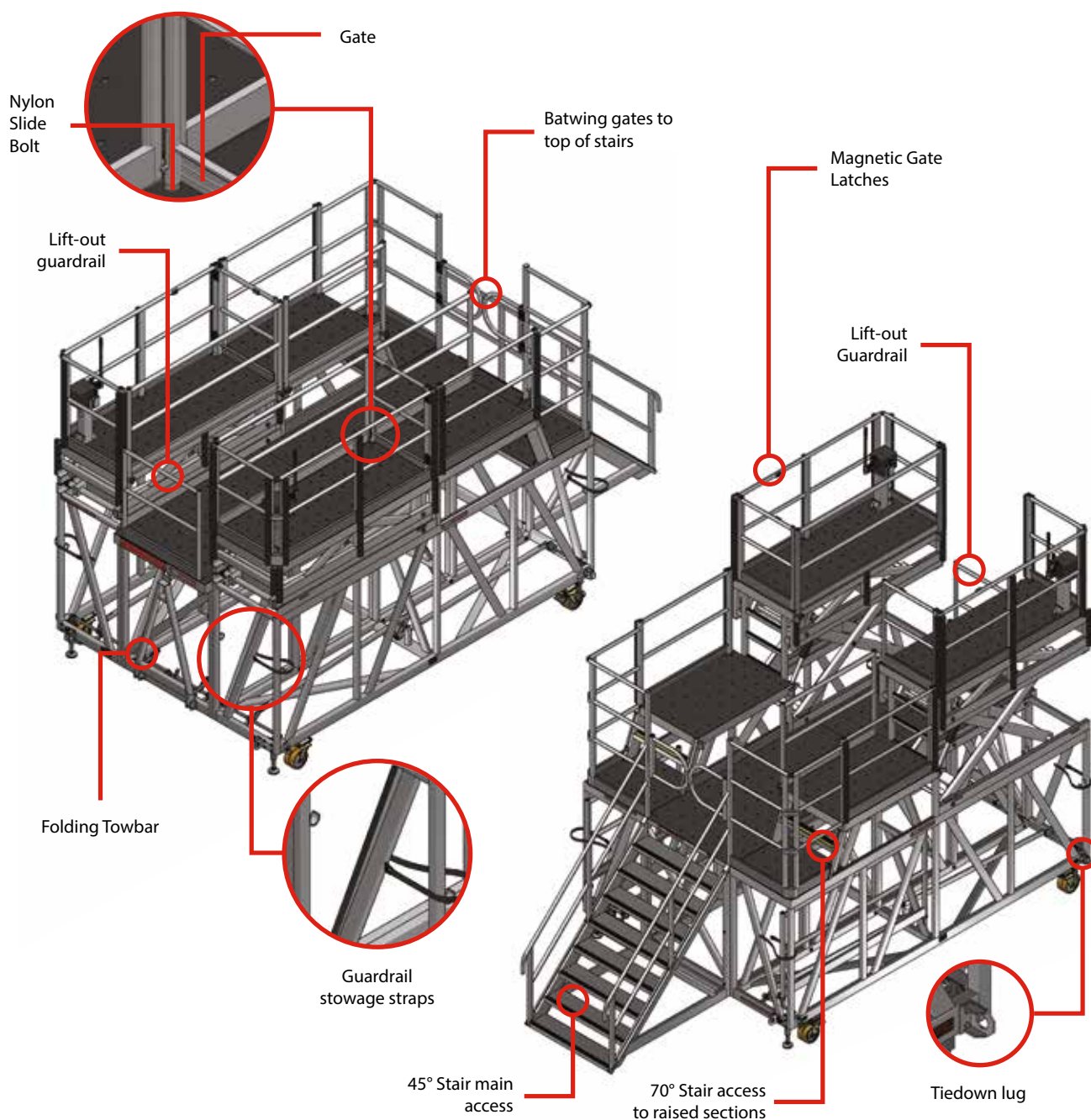
LOCKHEED MARTIN C-130



NSN: 1730-66-168-3826

C-130 ENGINE BODY WORK STAND

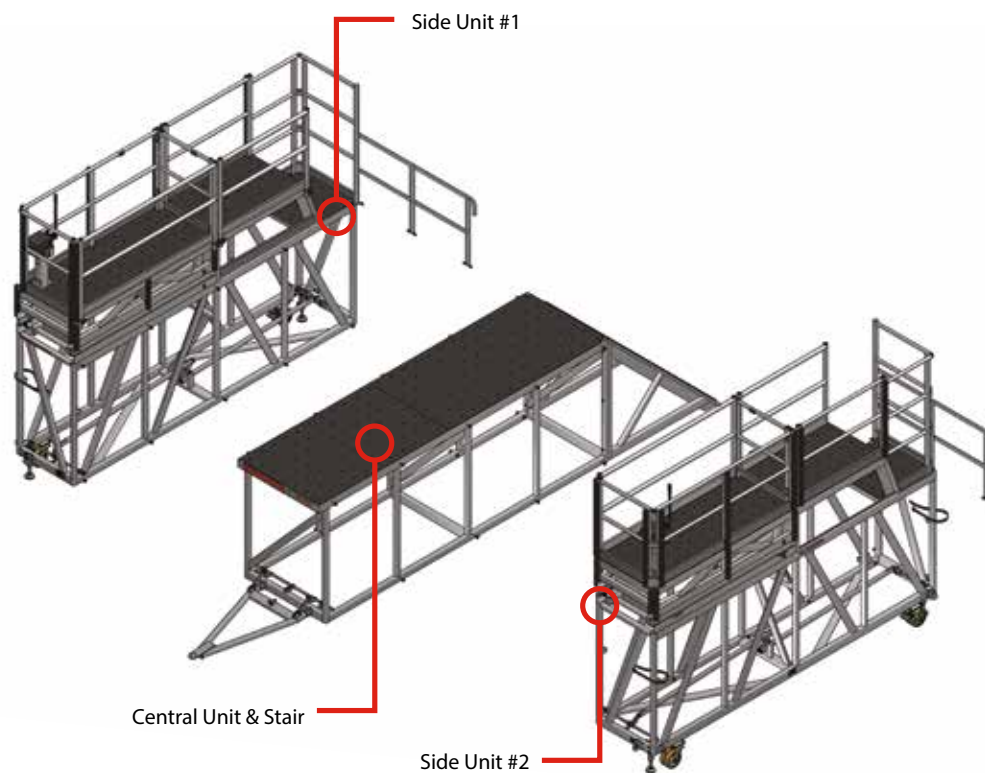
- › Provides complete access to the engine simultaneously for heavier maintenance including propeller replacement.
- › Portions of the platform are height adjustable via hydraulics, and utilises a scissor arrangement.
- › Rubber matting provides superior grip and allows for work while kneeling.
- › All 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.



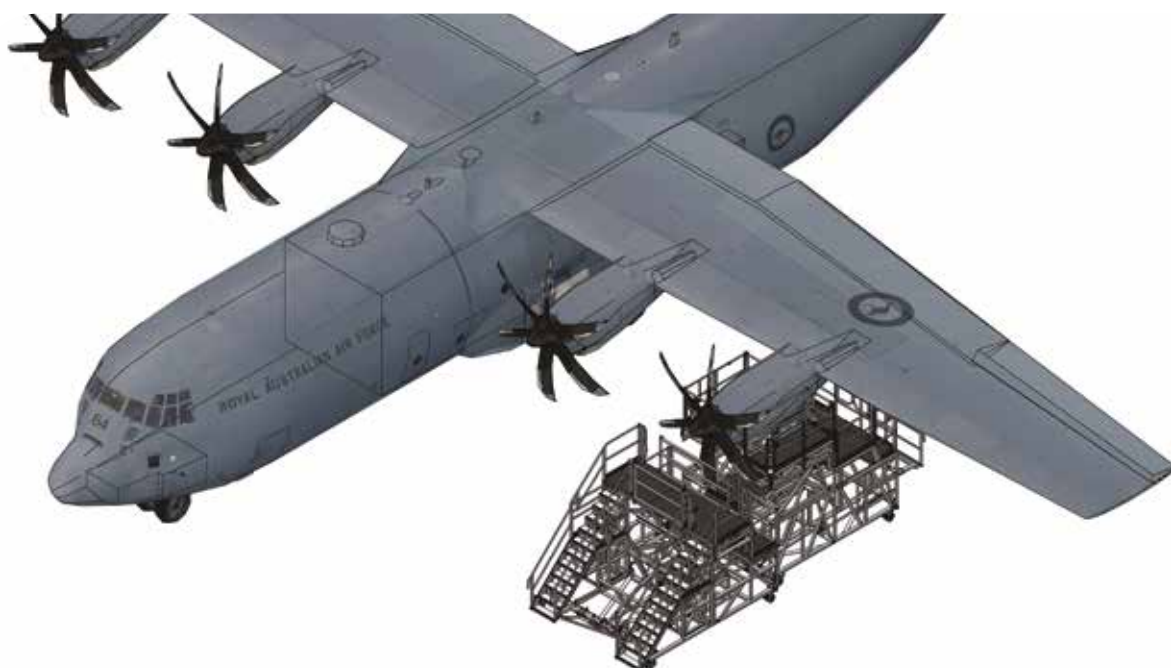


LOCKHEED MARTIN C-130

C-130 ENGINE BODY WORK STAND 3-PIECE SYSTEM



C-130 APPLICATION





LOCKHEED MARTIN C-130



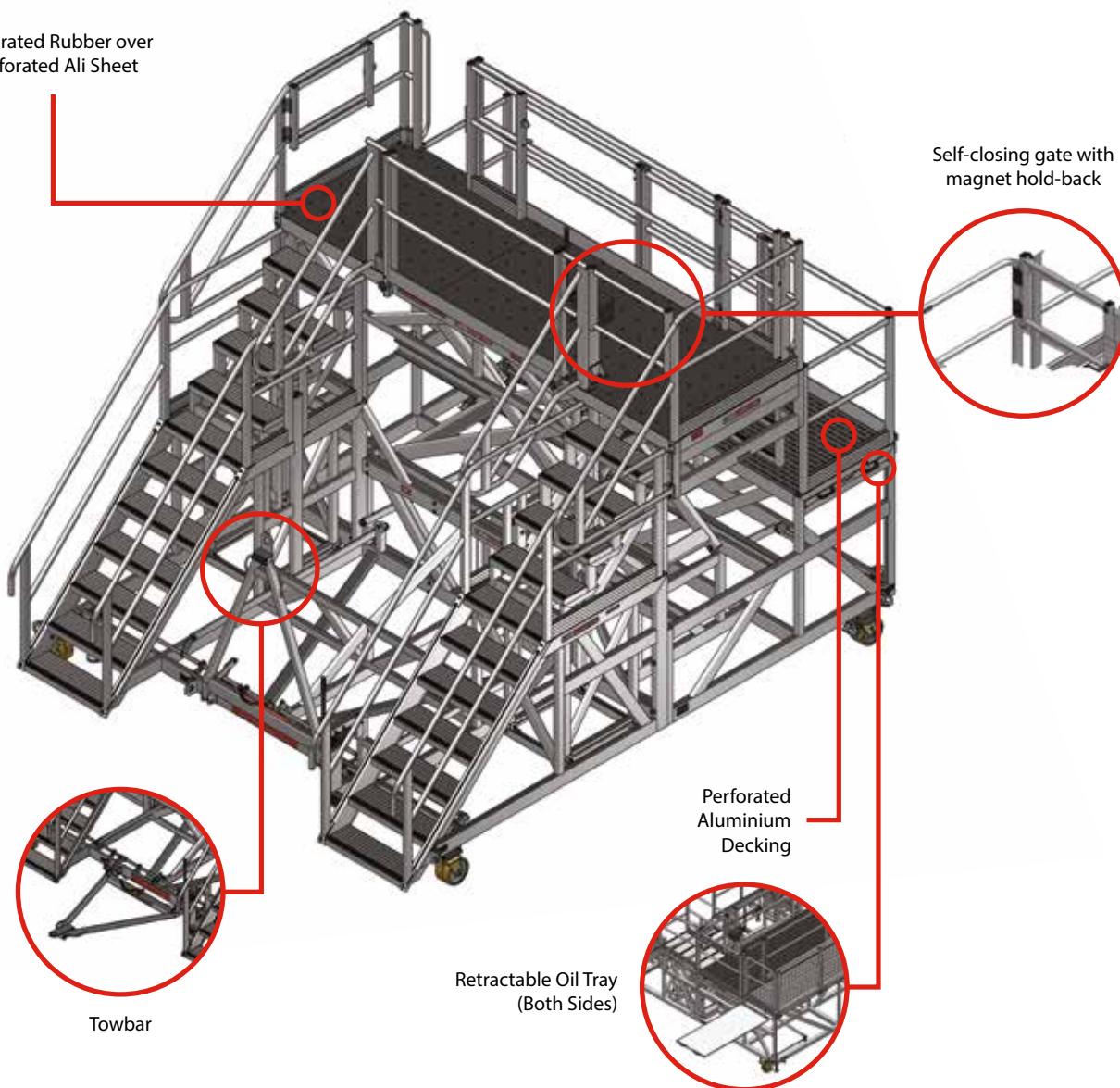
NSN: 1730-66-168-3825

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.

Perforated Rubber over
Perforated Ali Sheet

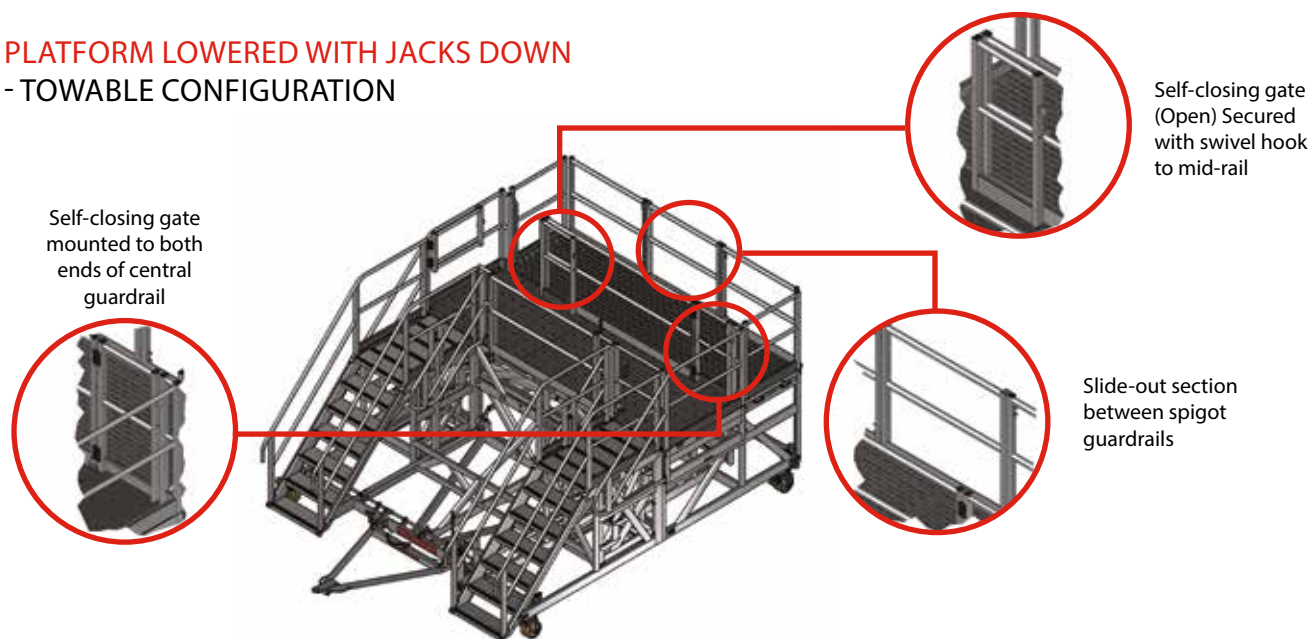
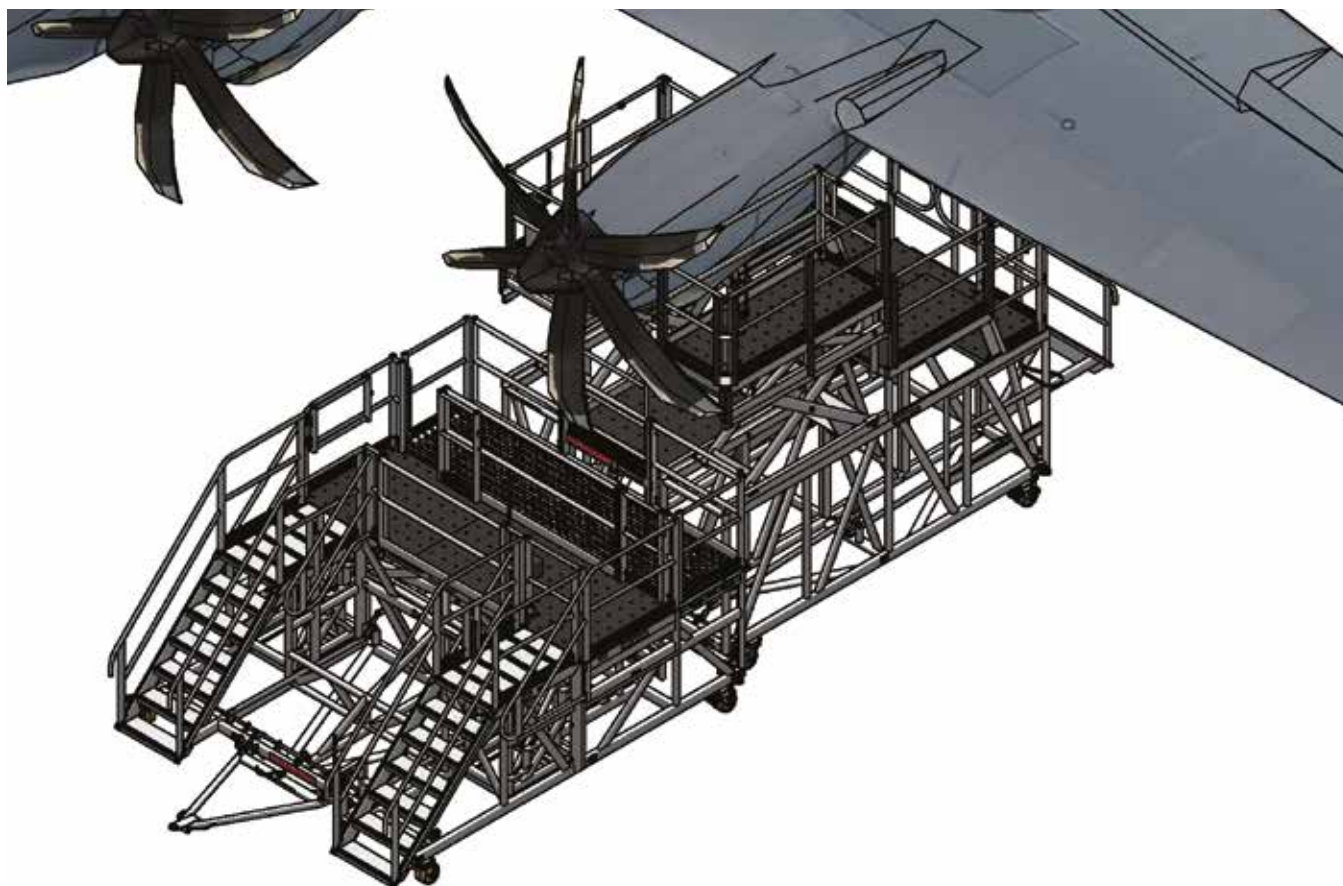
Self-closing gate with
magnet hold-back





LOCKHEED MARTIN C-130

PROPELLER BODY WORK PLATFORM

PLATFORM LOWERED WITH JACKS DOWN
- TOWABLE CONFIGURATIONPROPELLER BODY WORK PLATFORM
PAIRED WITH ENGINE BODY STAND

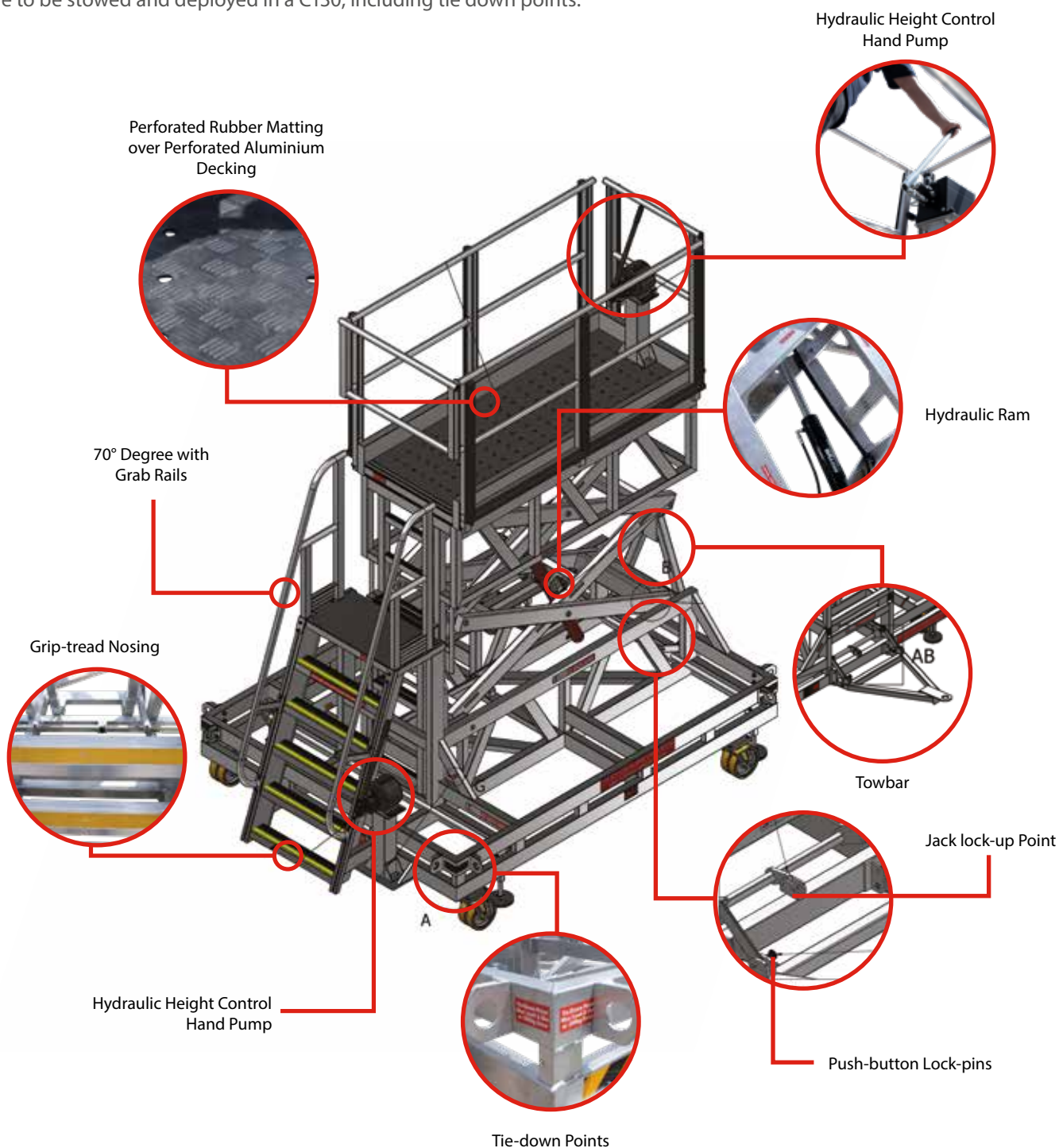


LOCKHEED MARTIN C-130

ENGINE FLAP SERVICE
STAND

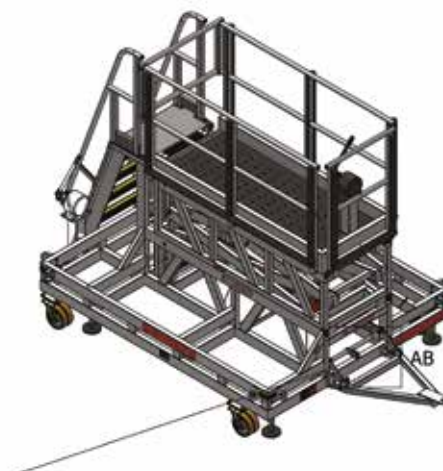
NSN: 1730-66-168-3823

- › 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.

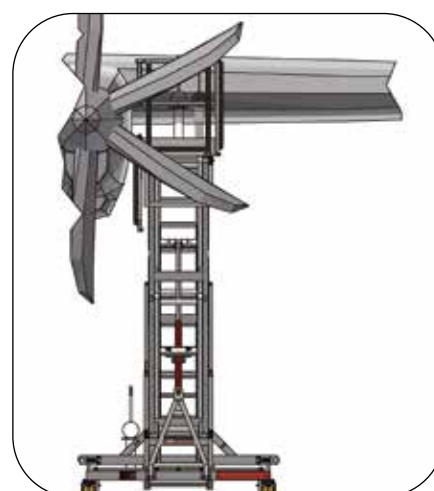
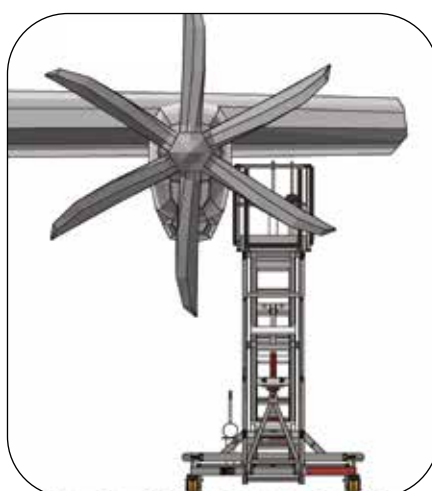
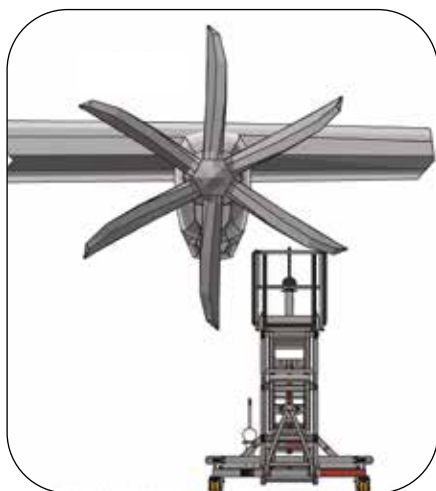




LOCKHEED MARTIN C-130

ENGINE FLAP SERVICE STAND
CONFIGURATIONSPLATFORM AT 4.0MH, WITH JACKS
AND TWO GUARDRAILS LOWEREDPLATFORM LOWERED & JACKS
RAISED - TOWABLE CONFIGURATION

VARIOUS HEIGHT ADJUSTMENT SETTINGS



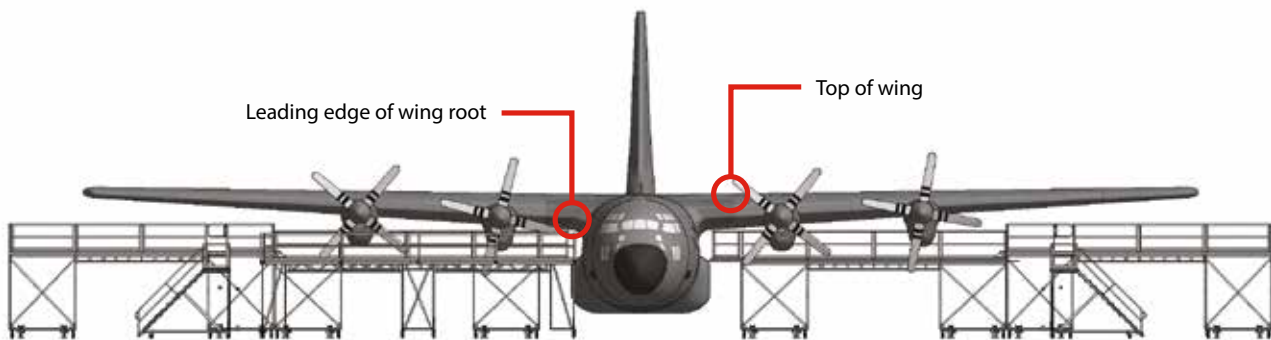


LOCKHEED MARTIN C-130

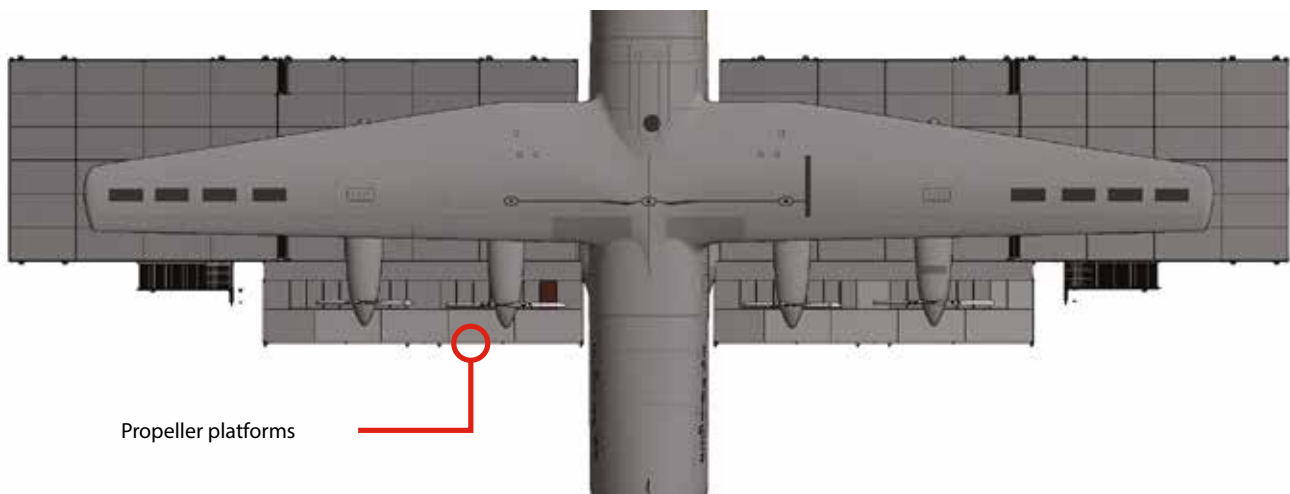
WING DOCK

- › 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



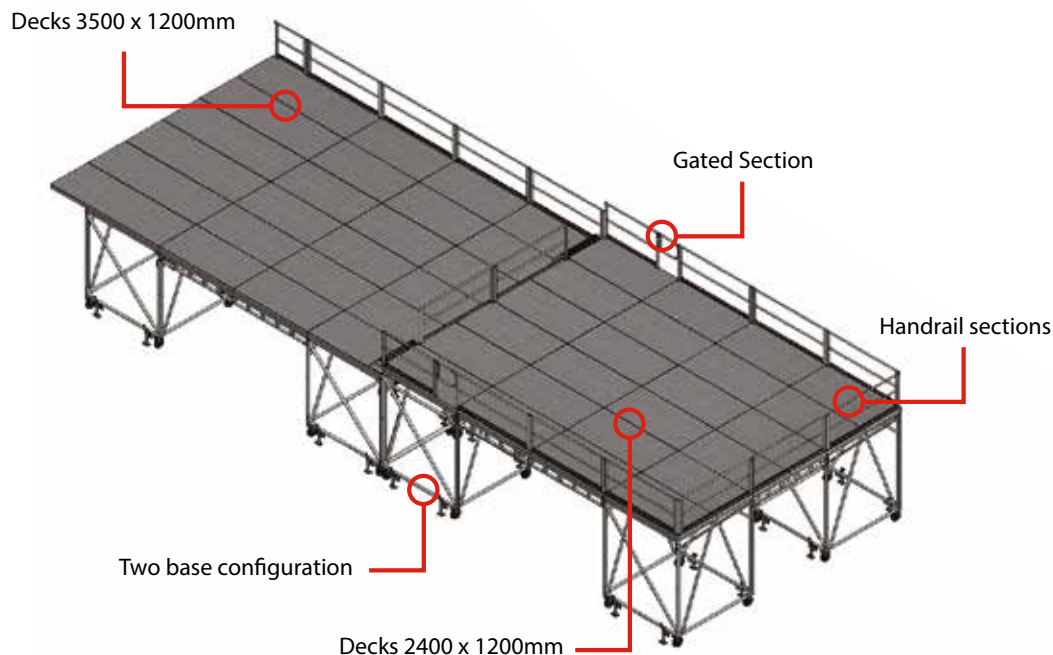
PROPELLER PLATFORMS

- › 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

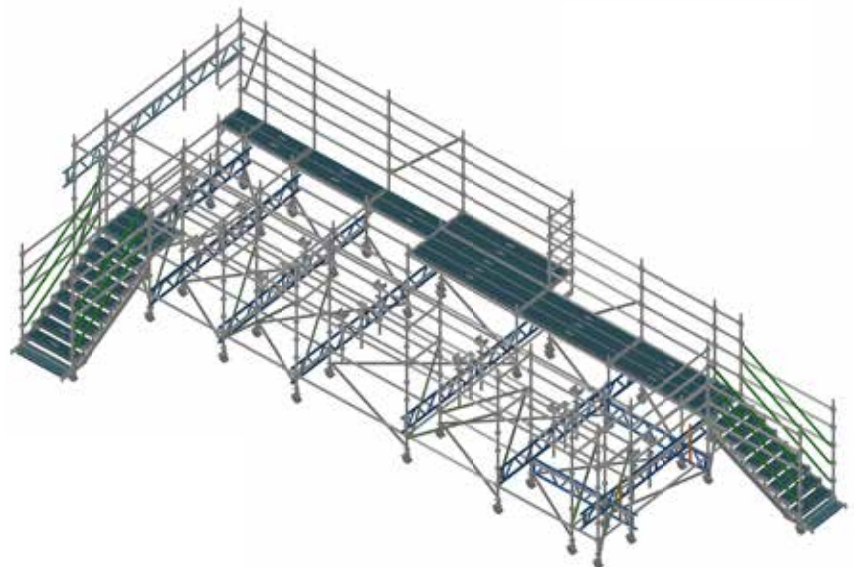


WING CRADLES

- › 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

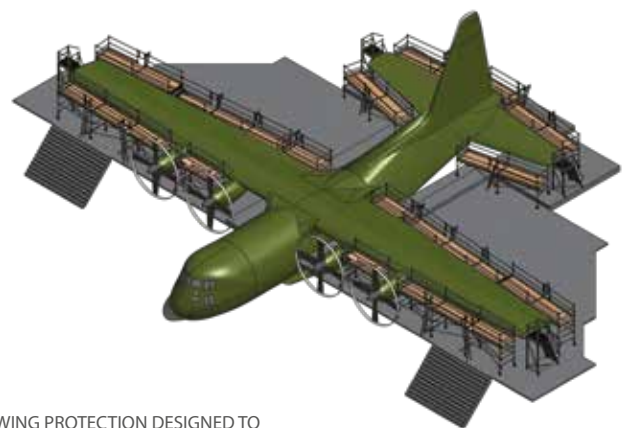
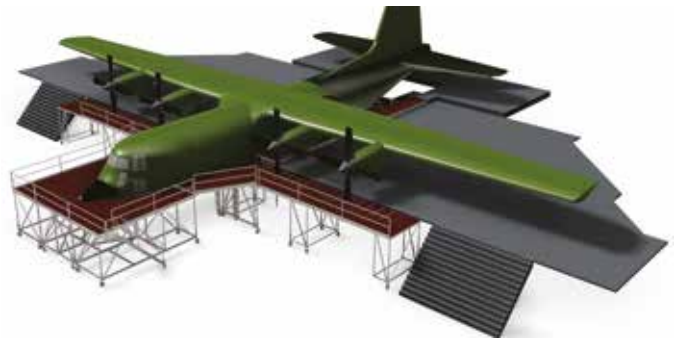
LARGER SCALE INSTALLATION | VARIOUS DOCKING CONCEPTS

AIRCRAFT DOCKING SYSTEM
HERCULES C130 (PICTURED)

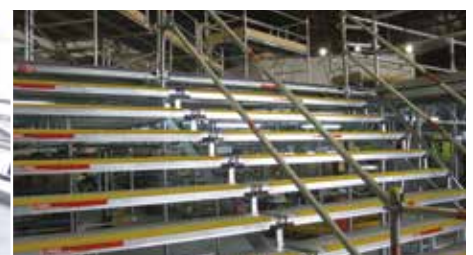
- › SafeSmart Access provided the complete solution from system design to installation.
- › Project: Hercules C130 heavy duty refurbishment for the RAAF Richmond, NSW, Australia.
- › The package includes heavy duty steel base docking platforms, structural aluminium custom mobile platforms and aluminium 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



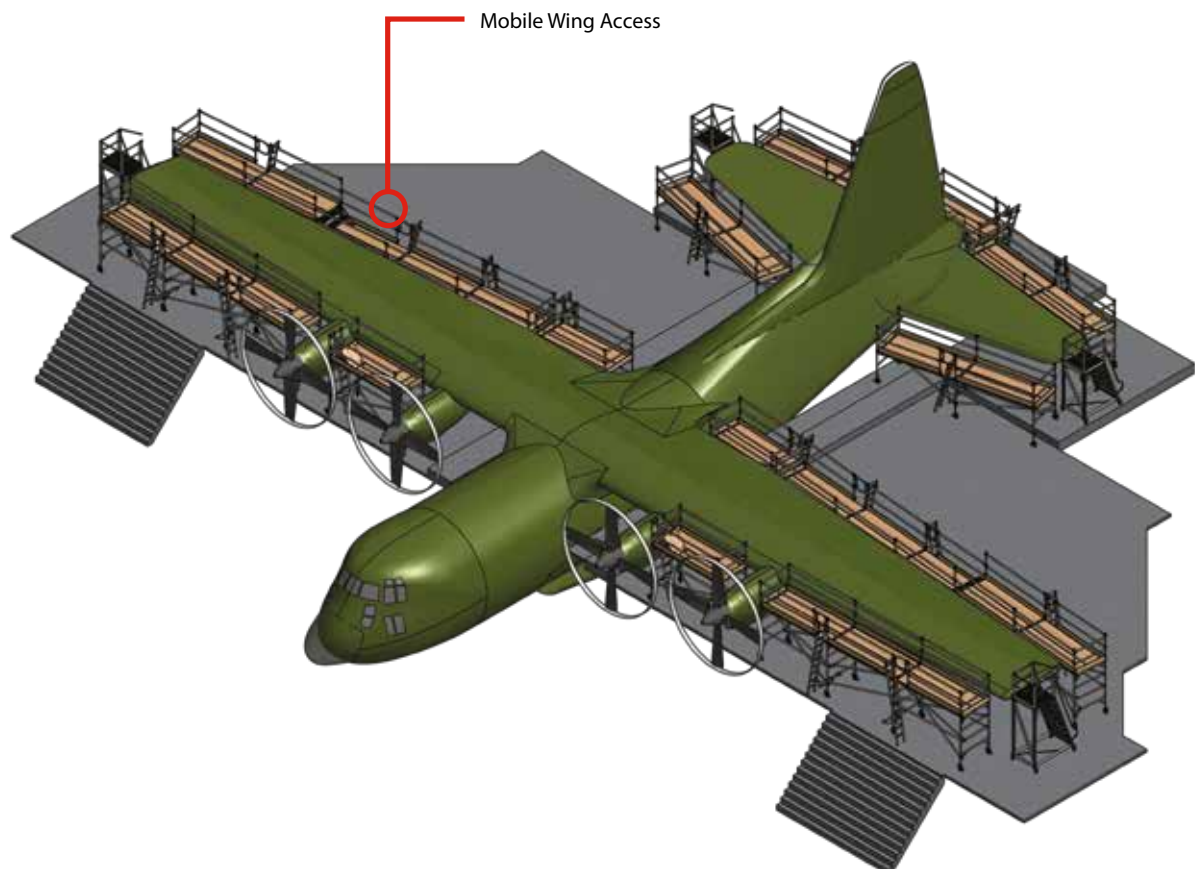
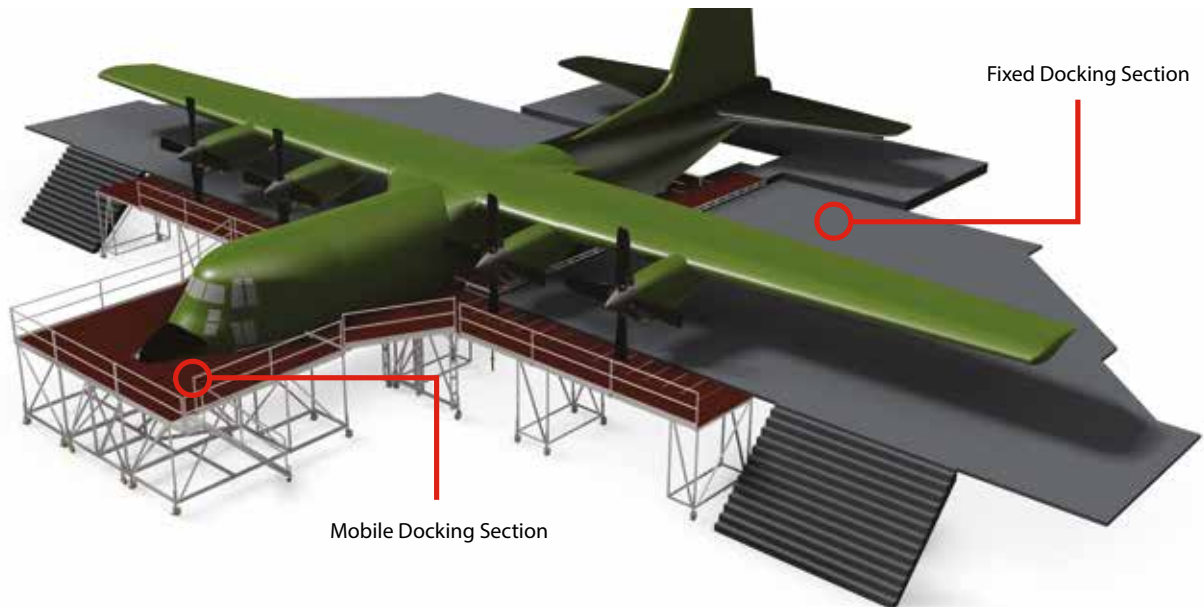
MOBILE SCAFFOLDING FOR WING PROTECTION DESIGNED TO
AVOID USING HARNESSES AND LANYARDS





LOCKHEED MARTIN C-130

DOCKING SYSTEM

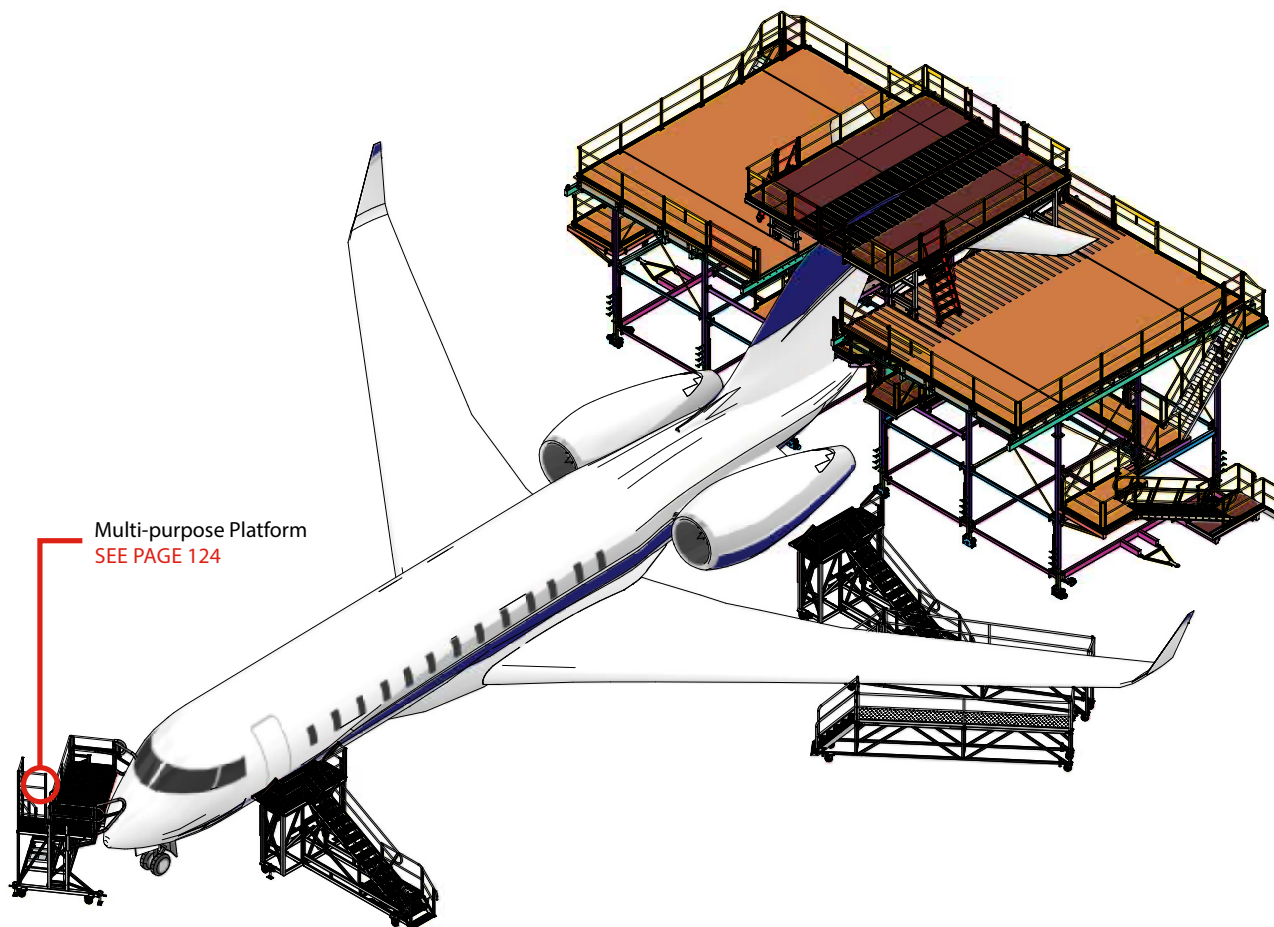




BOMBARDIER GLOBAL EXPRESS XRS

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.

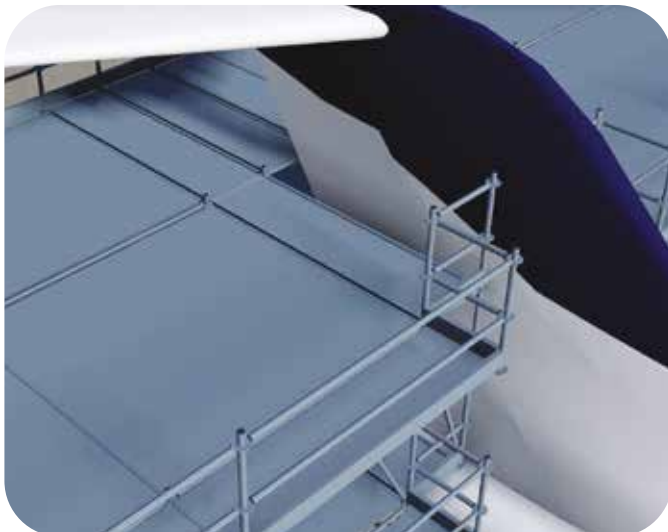




BOMBARDIER GLOBAL EXPRESS XRS

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.



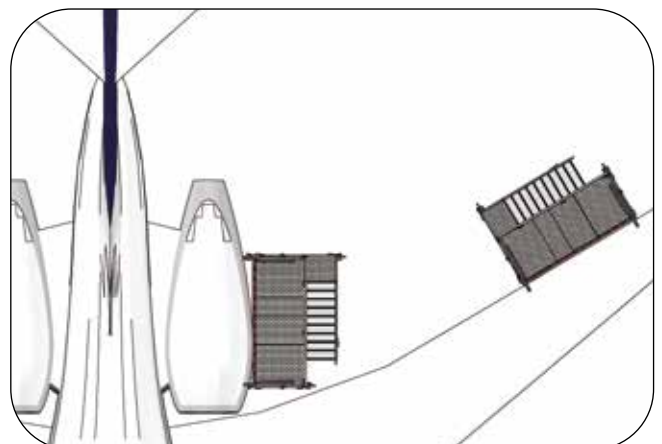
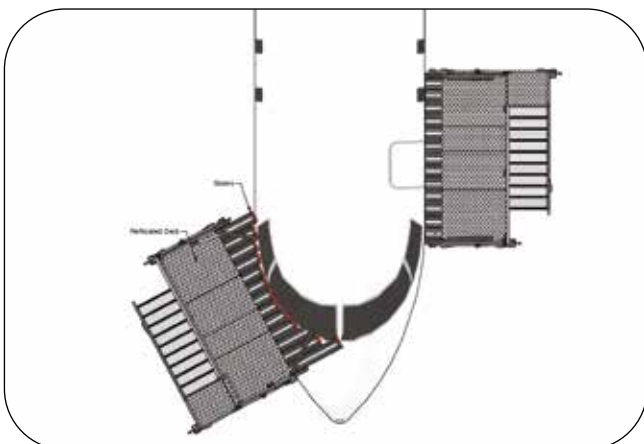
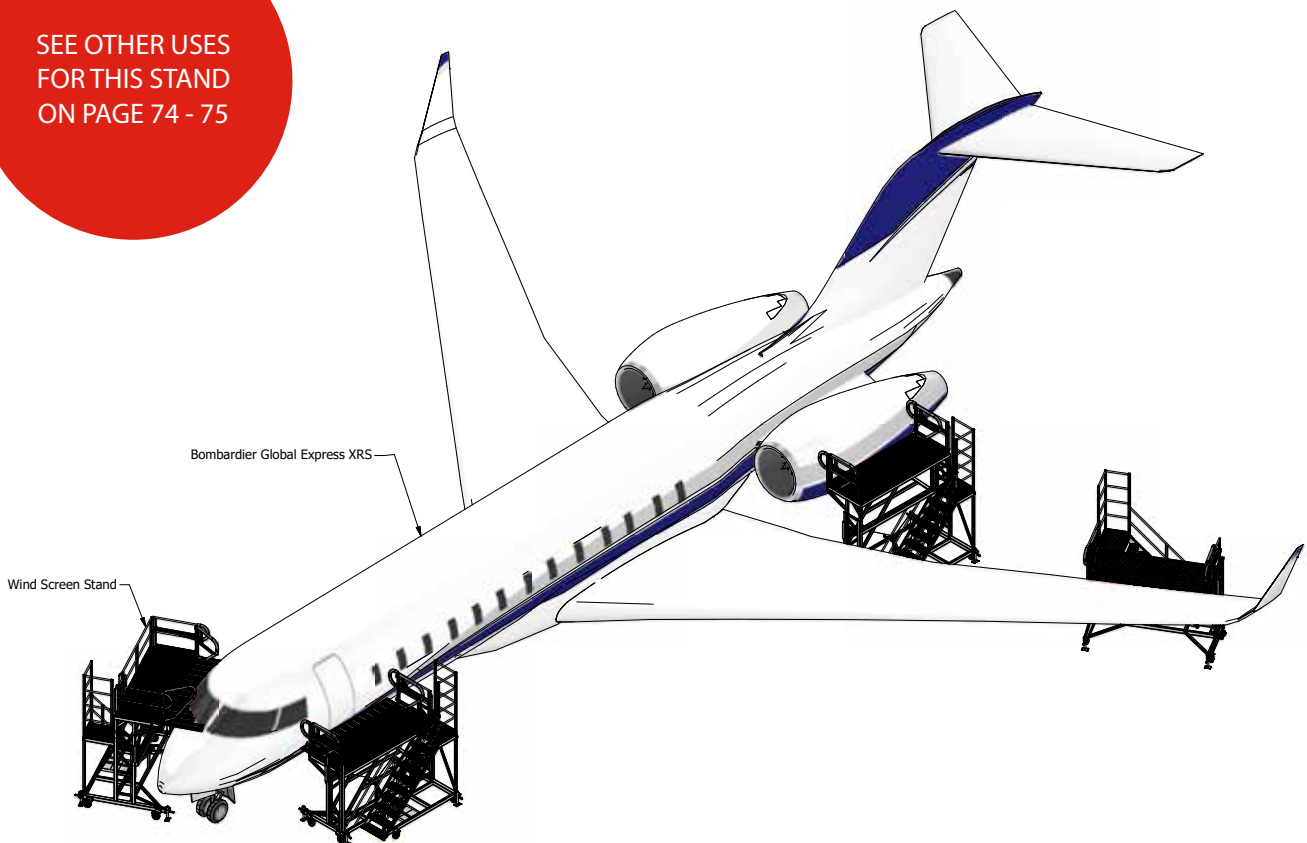


BOMBARDIER GLOBAL EXPRESS XRS

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



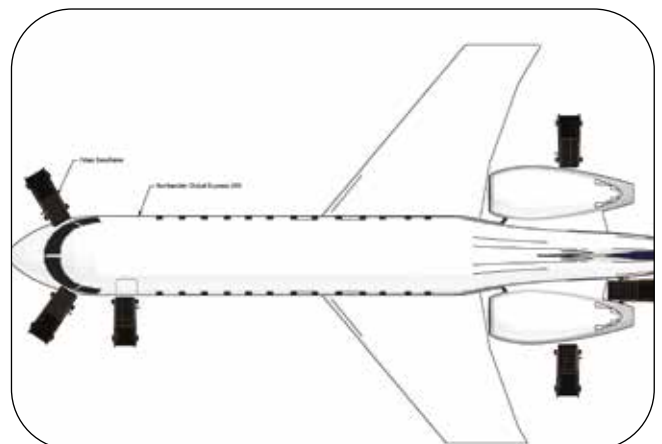
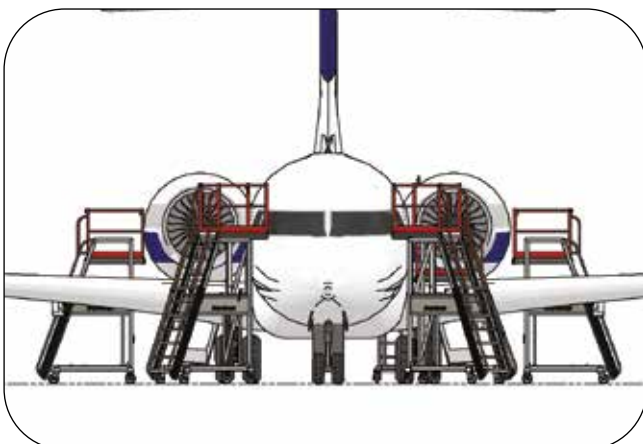
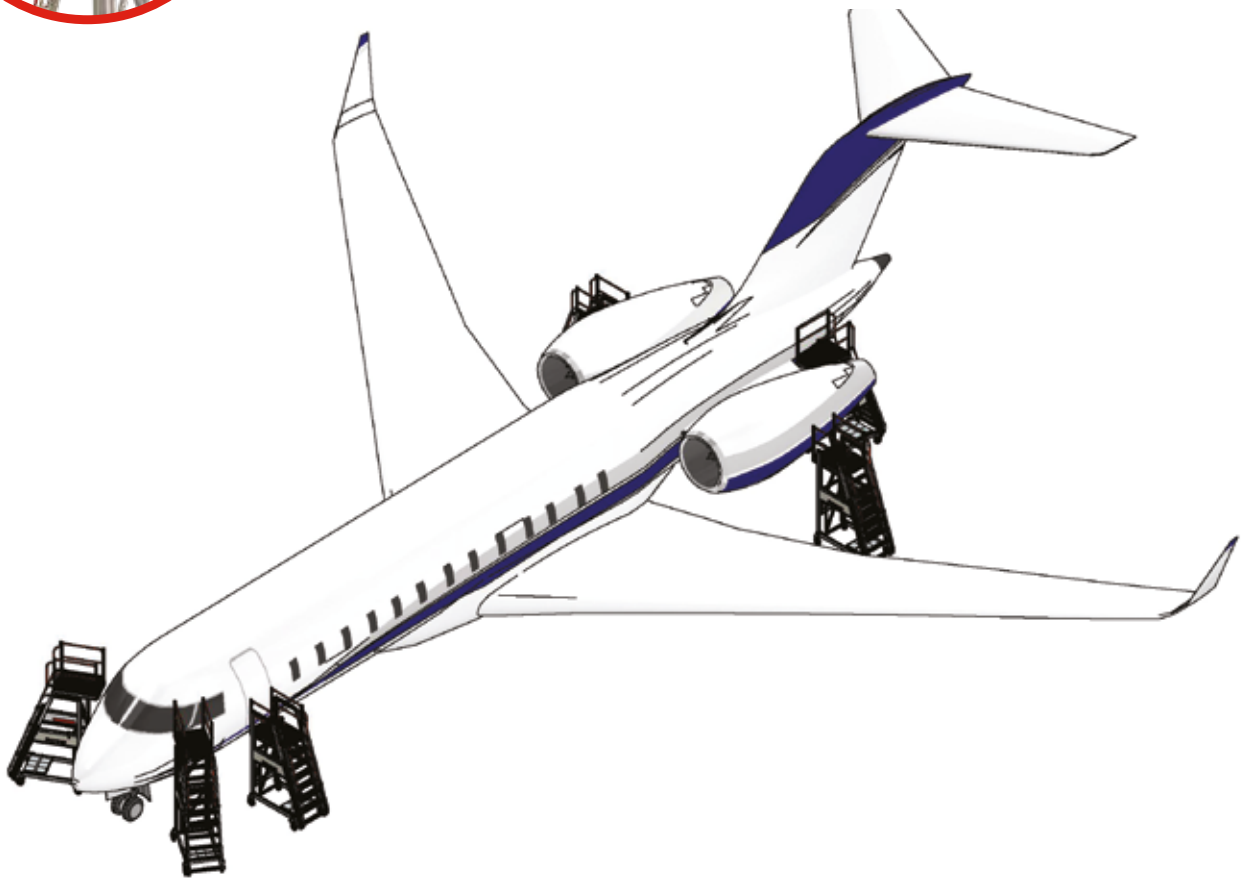


BOMBARDIER GLOBAL EXPRESS XRS

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.

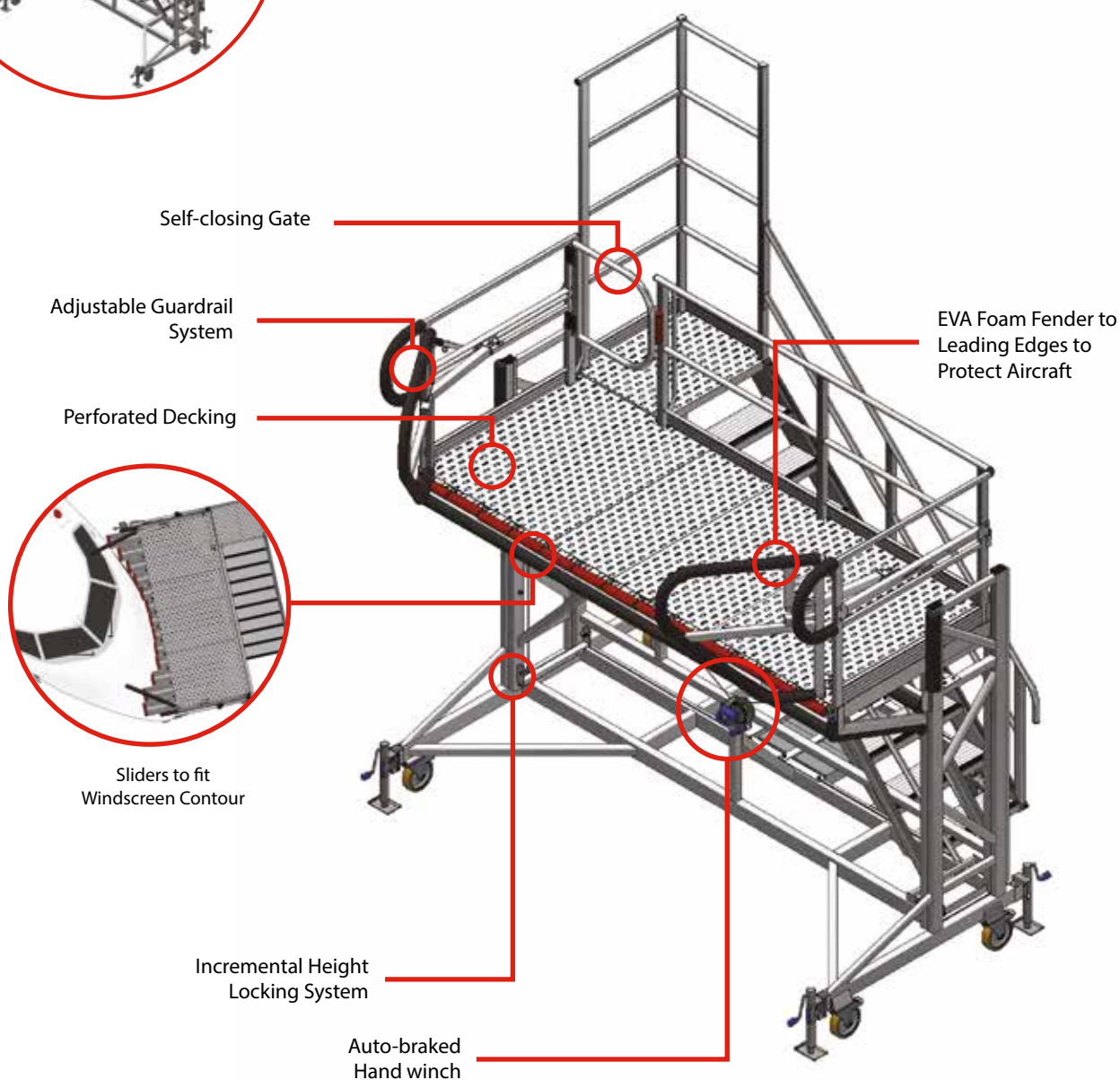


1500mm Height Adjustment

ALSO SEE

MULTI-USE
MAINTENANCE
STAND

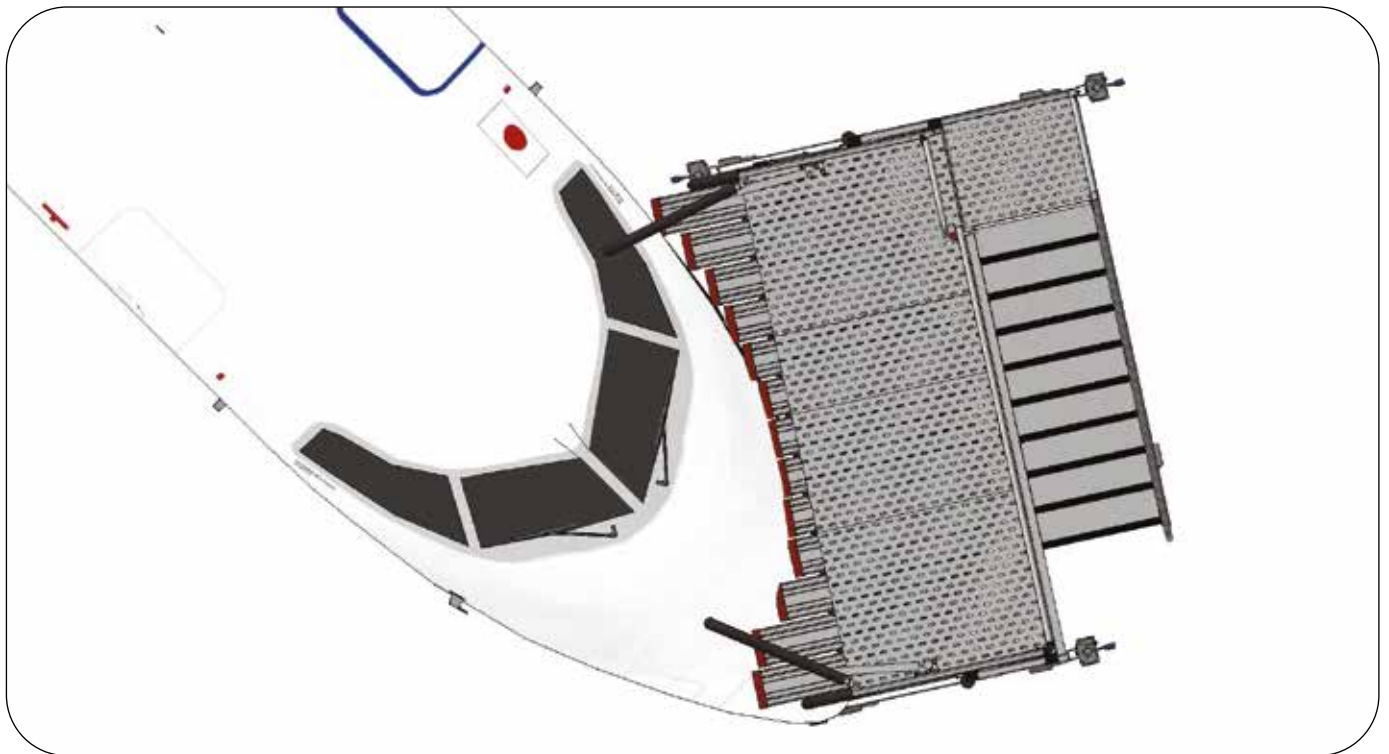
PAGE 98 - 99
FOR EXAMPLES





BOMBARDIER Q300/Q400

NOSE ACCESS STAND

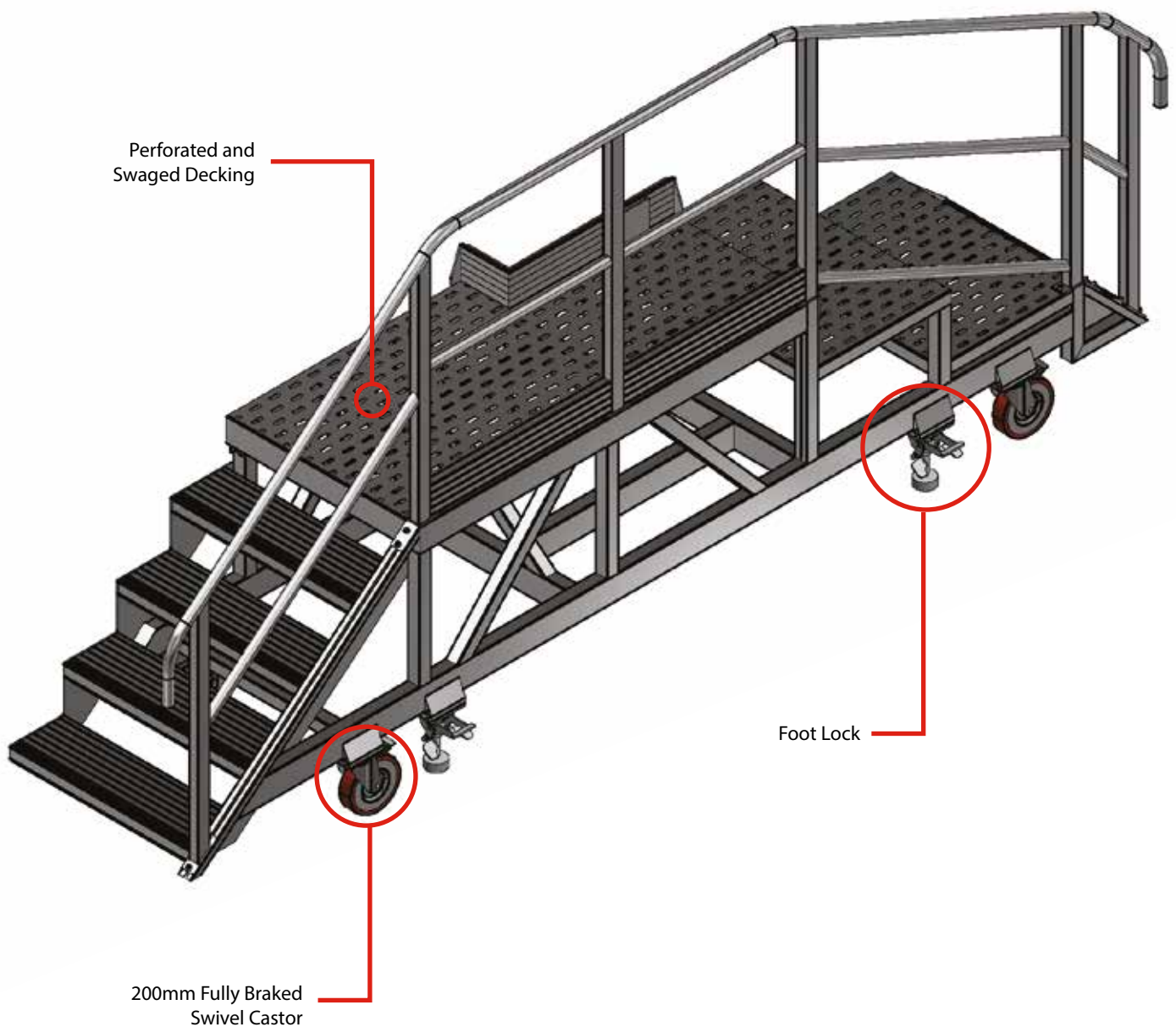




BOMBARDIER Q400

MLG SPLIT PLATFORM

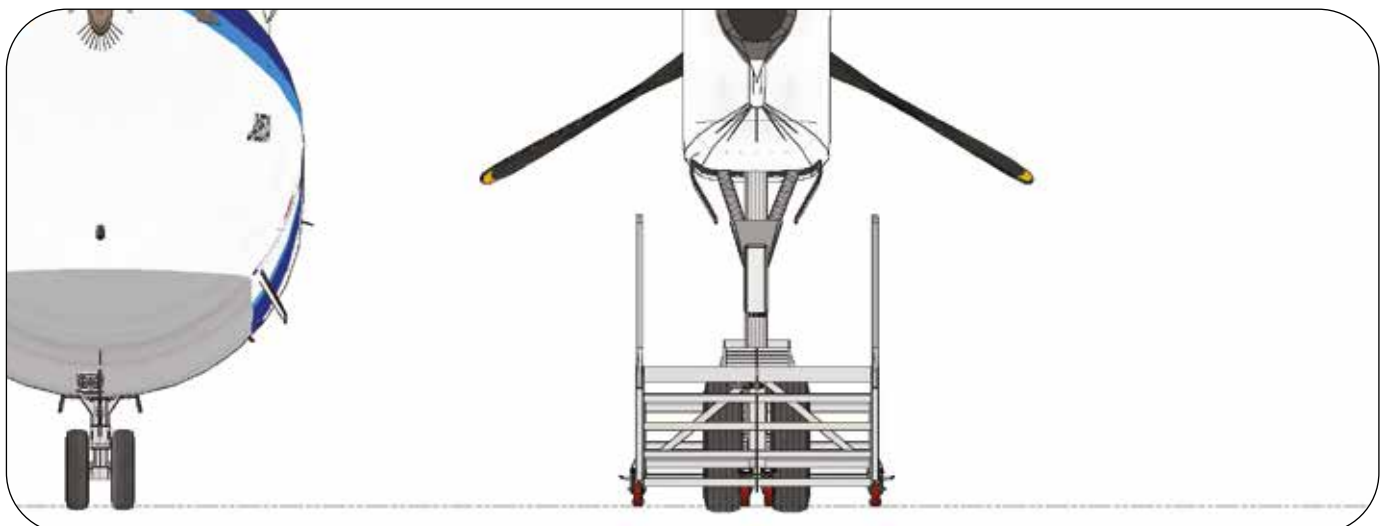
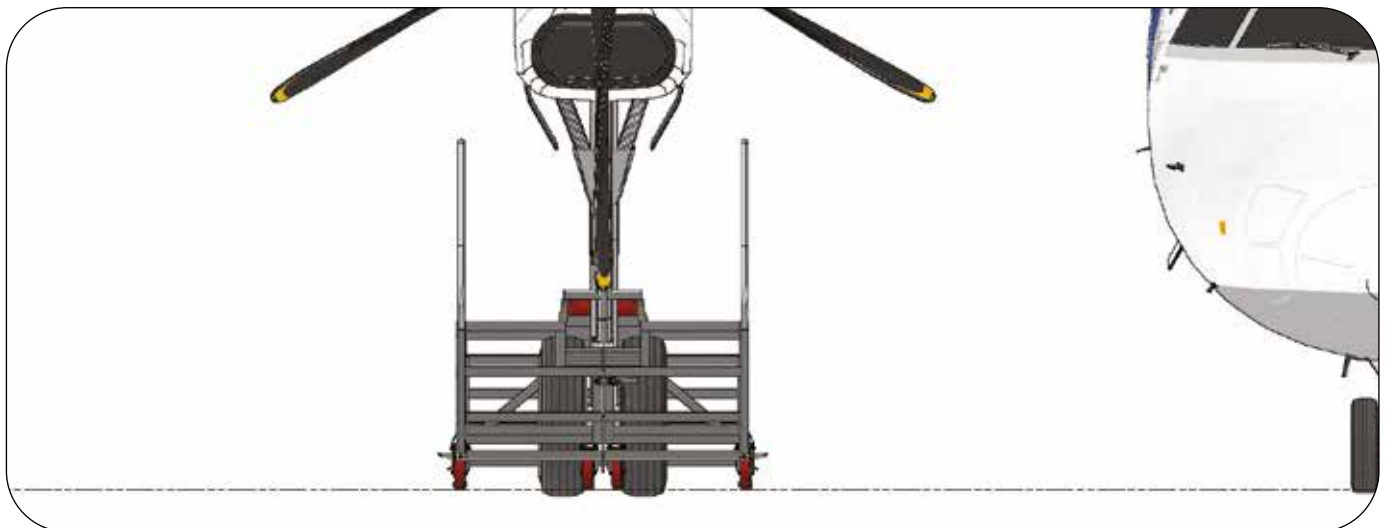
- › 2-piece platform set to provide access to the main landing gear.
- › Accessible from either end via steps.
- › Wide type treads double as a working platform for different levels of access for engineers.





BOMBARDIER Q400

MLG SPLIT PLATFORM

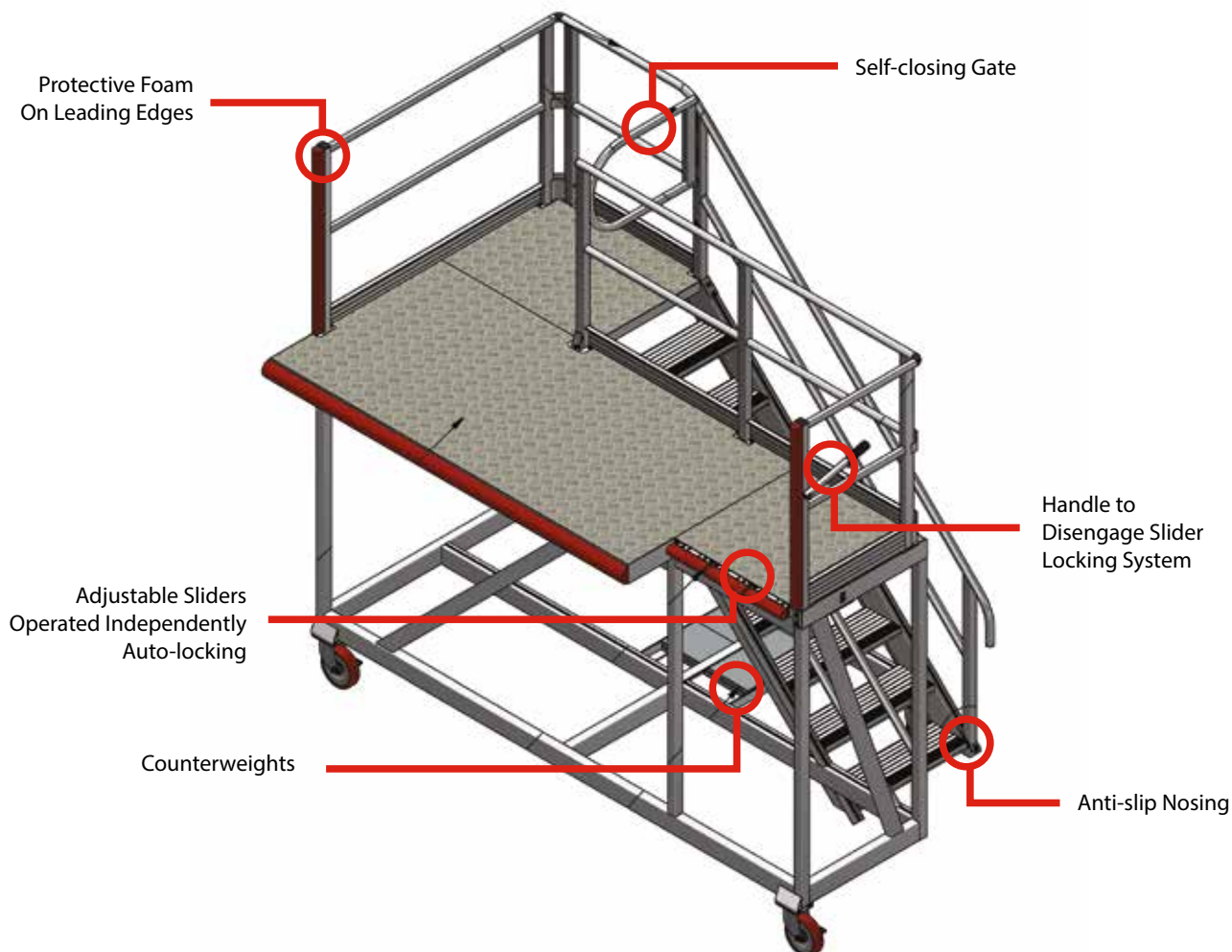




BOMBARDIER Q400

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.

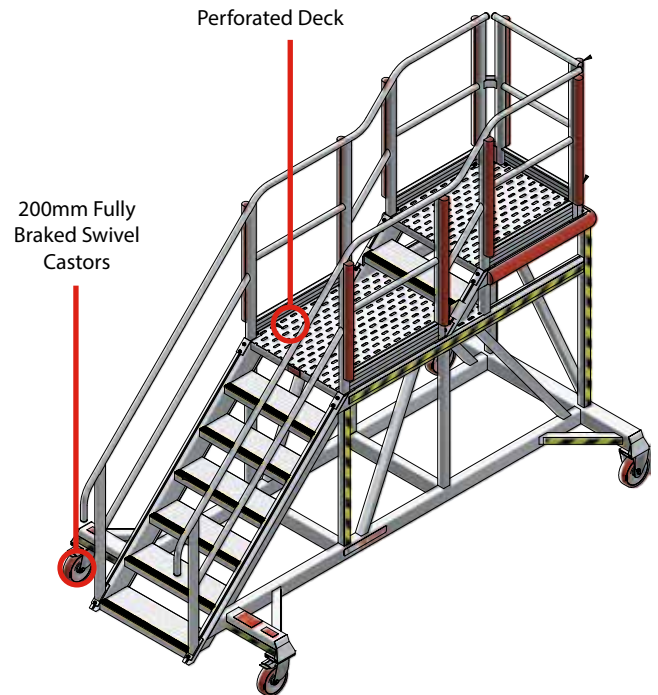




BOMBARDIER Q400

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.

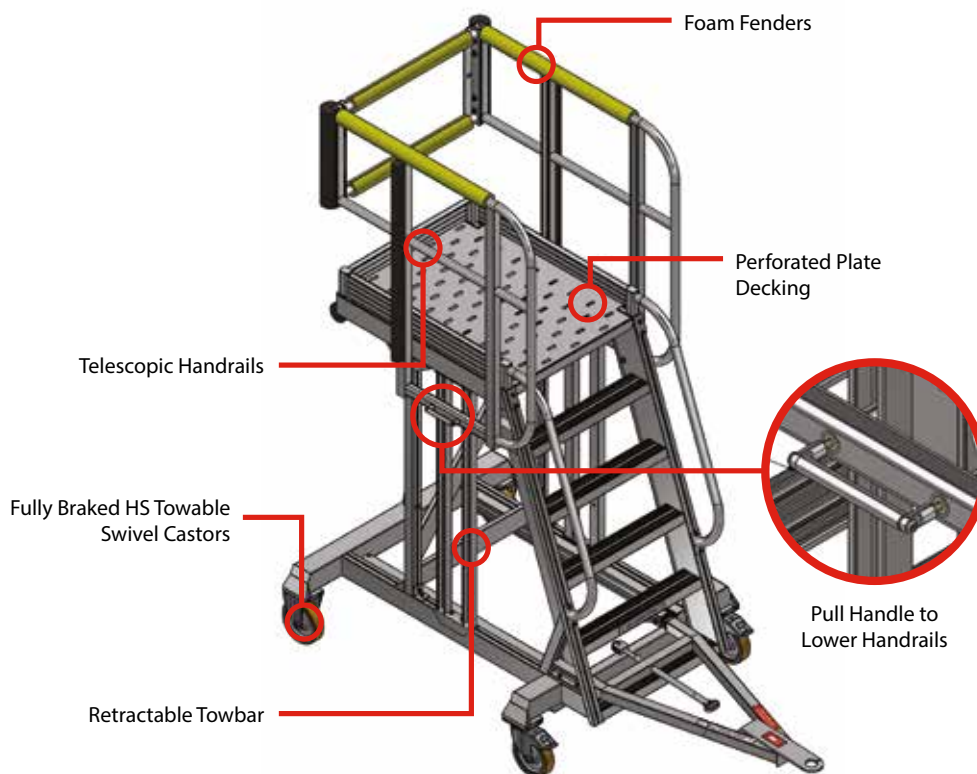




BOMBARDIER Q400

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

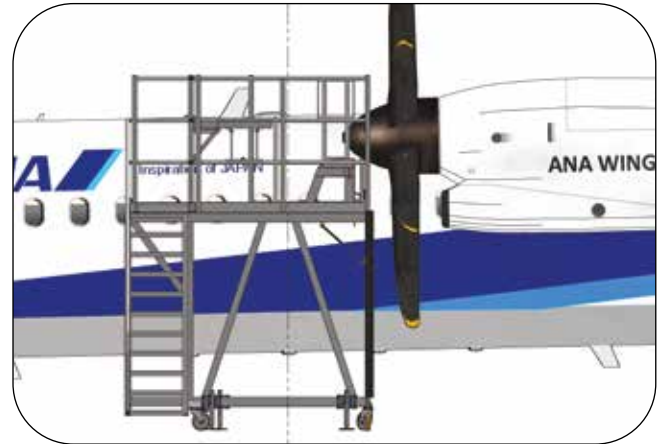




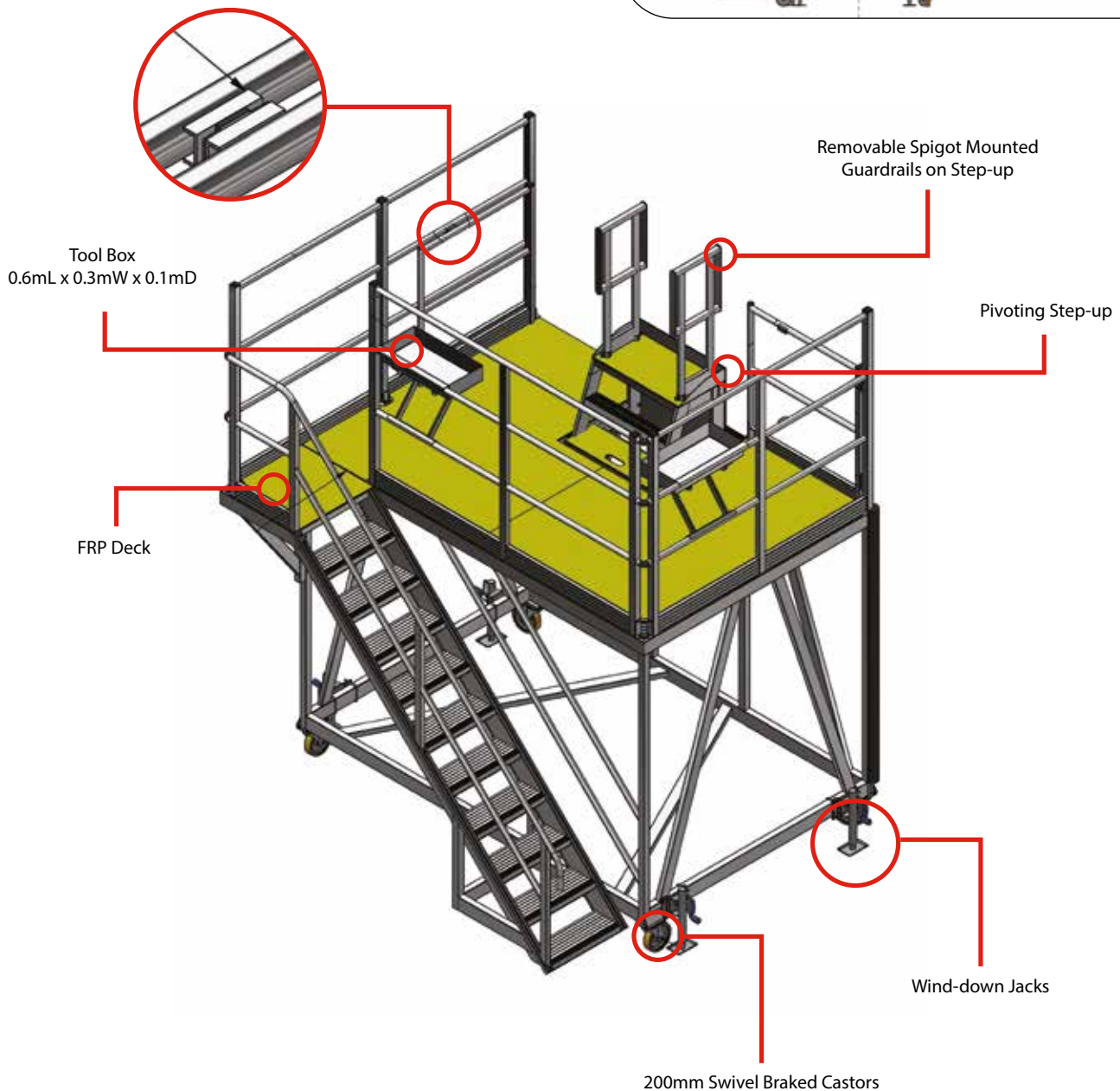
BOMBARDIER Q400

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

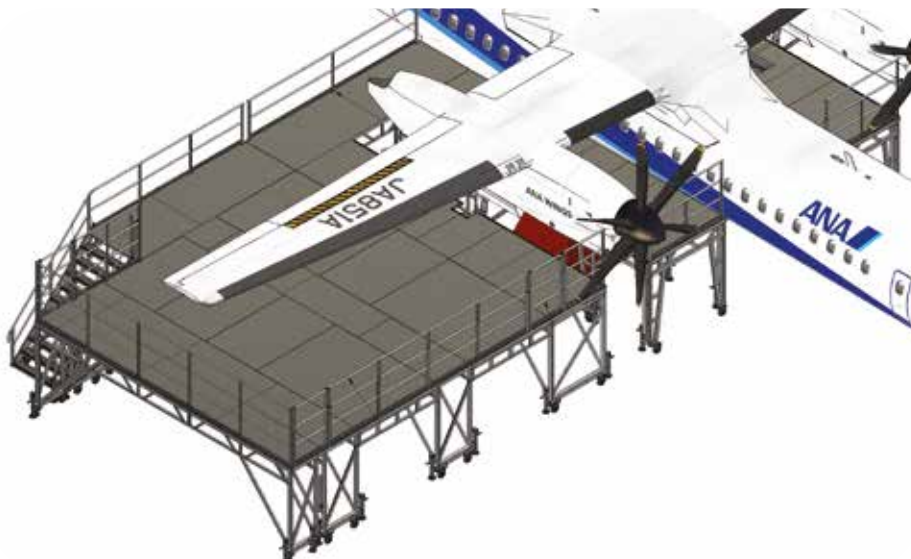
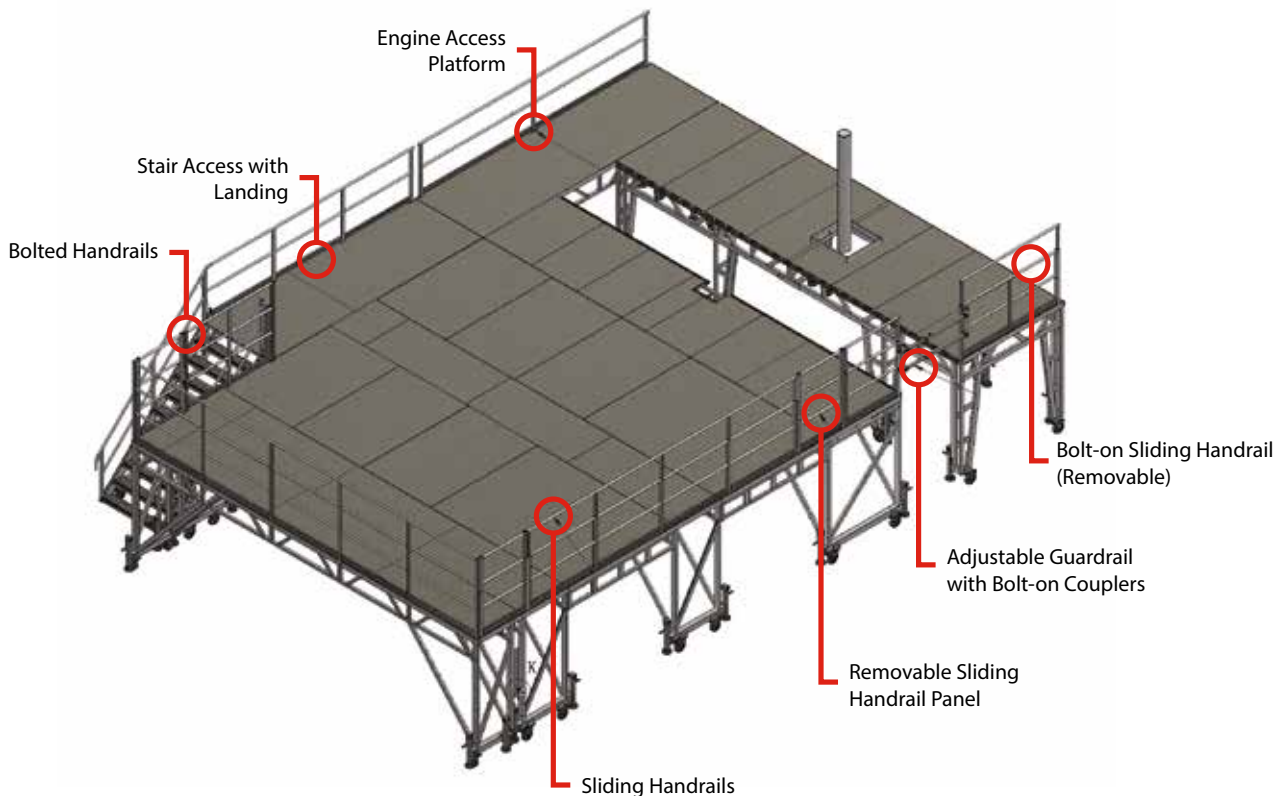




BOMBARDIER Q300/Q400

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.

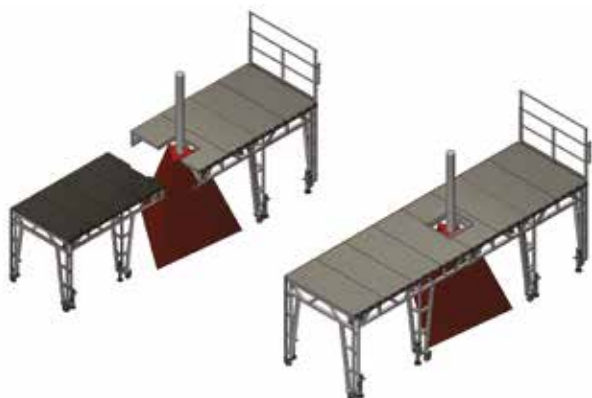




BOMBARDIER Q300/Q400

UNDERWING DOCK - LARGE VERSION COMPONENTS

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



INDEPENDENT STAIR ACCESS PLATFORM



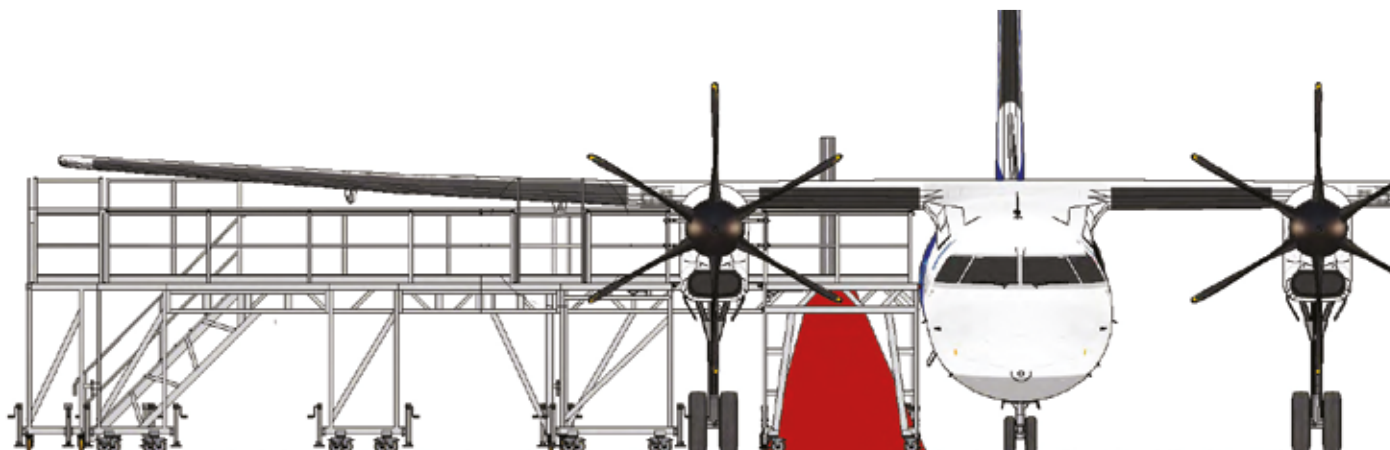
INBOARD PLATFORM -
COMPLETE ASSEMBLY



INDEPENDENT
ADJOINING BRIDGE PLATFORM



APPLICATION

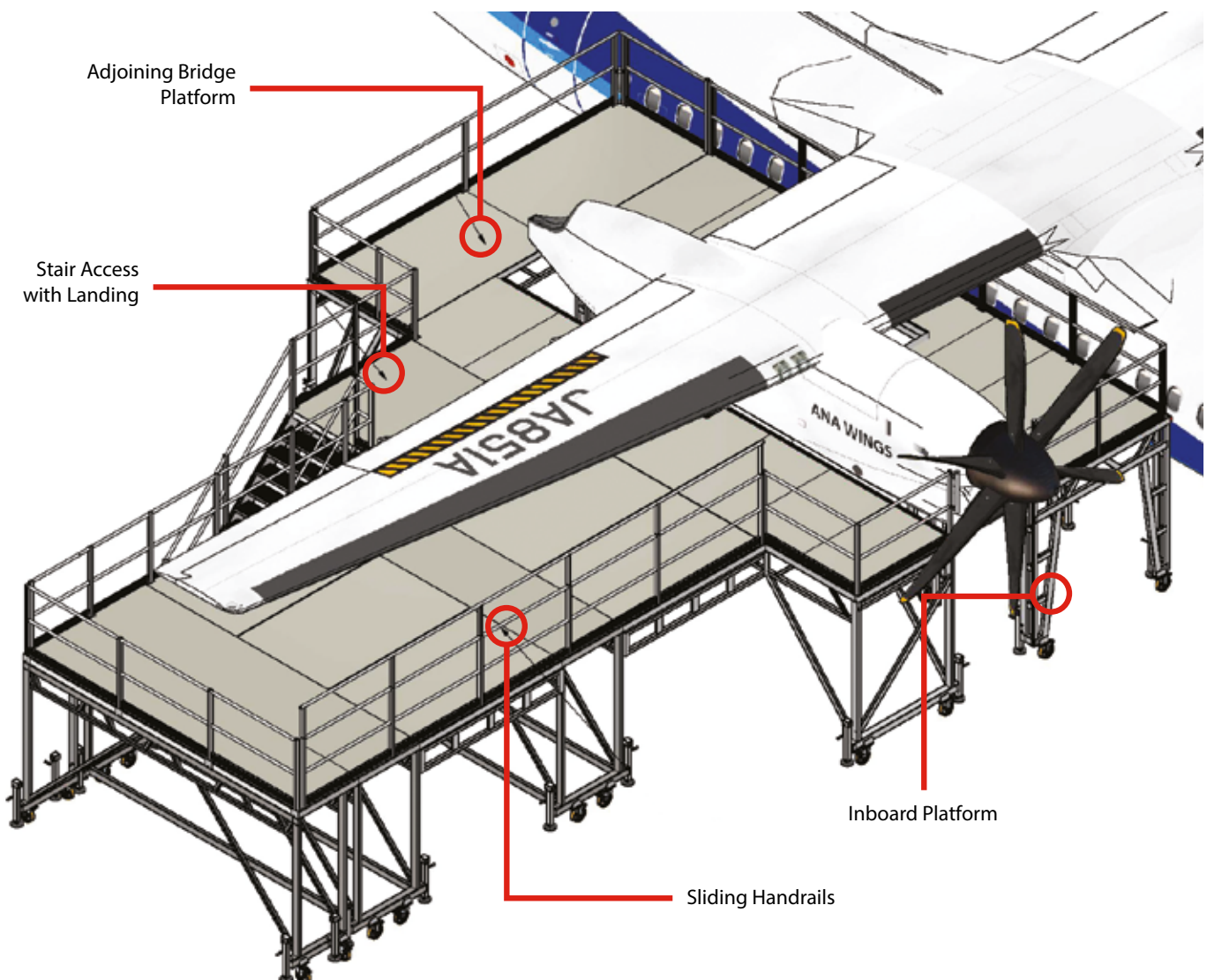




BOMBARDIER Q300/Q400

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.

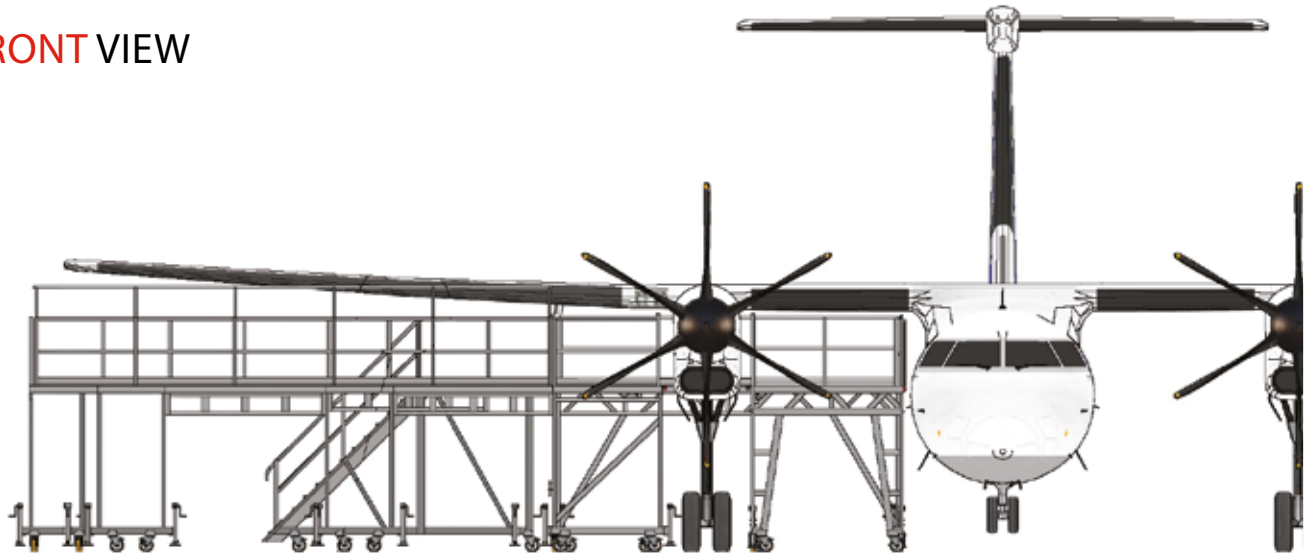




BOMBARDIER Q300/Q400

UNDERWING DOCK - MEDIUM VERSION

FRONT VIEW



TOP VIEW

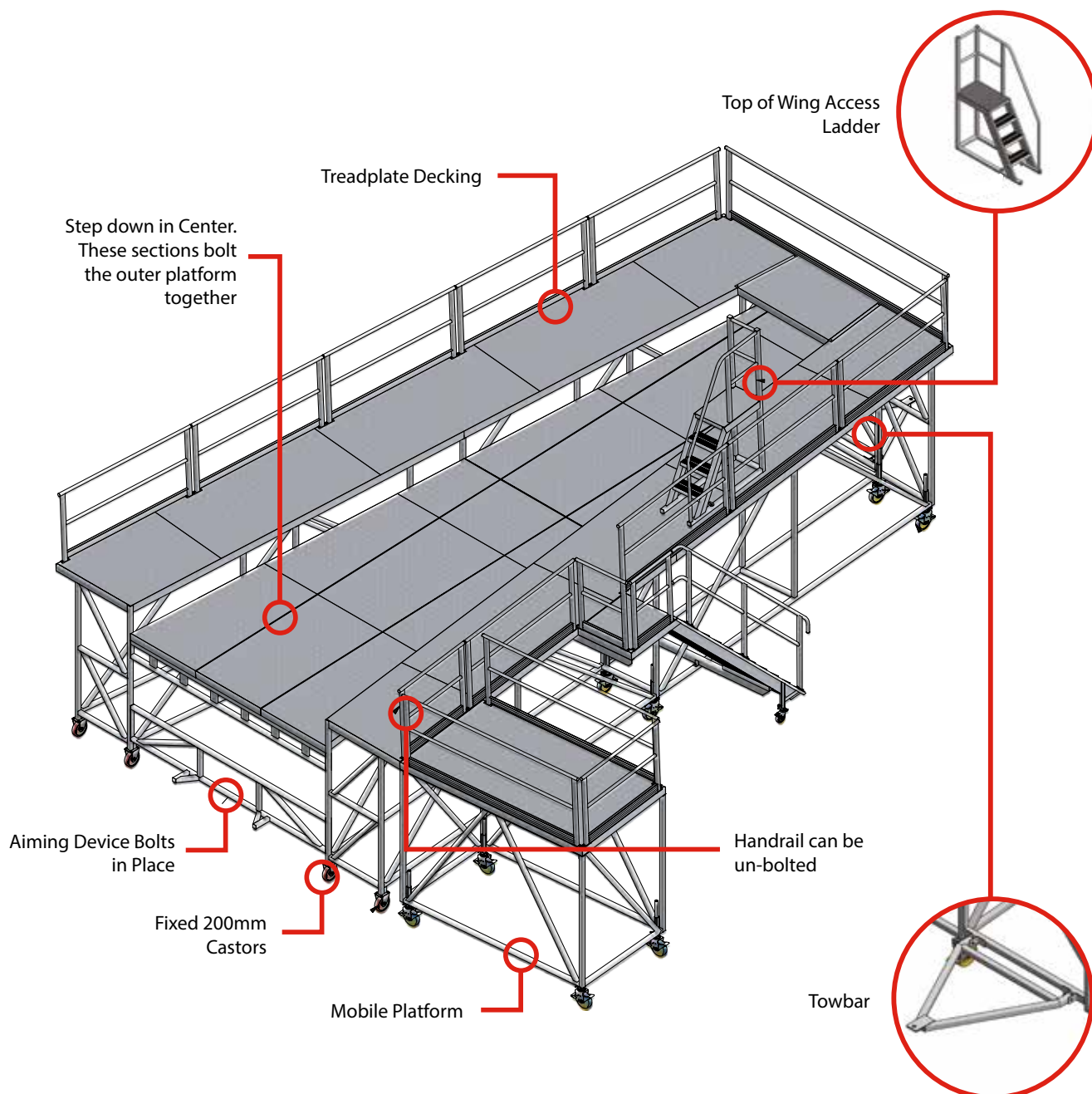




BOMBARDIER Q400

ANGLED WING DOCK

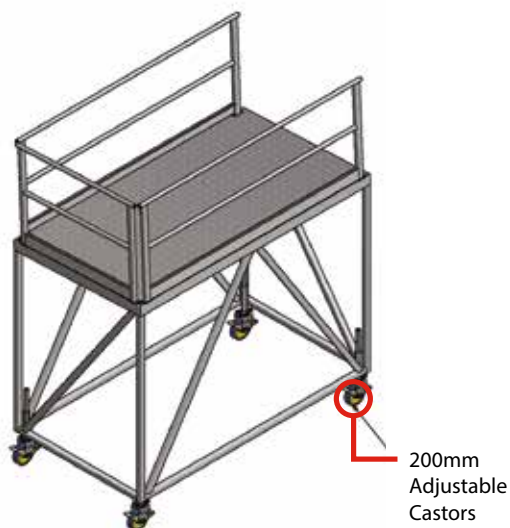
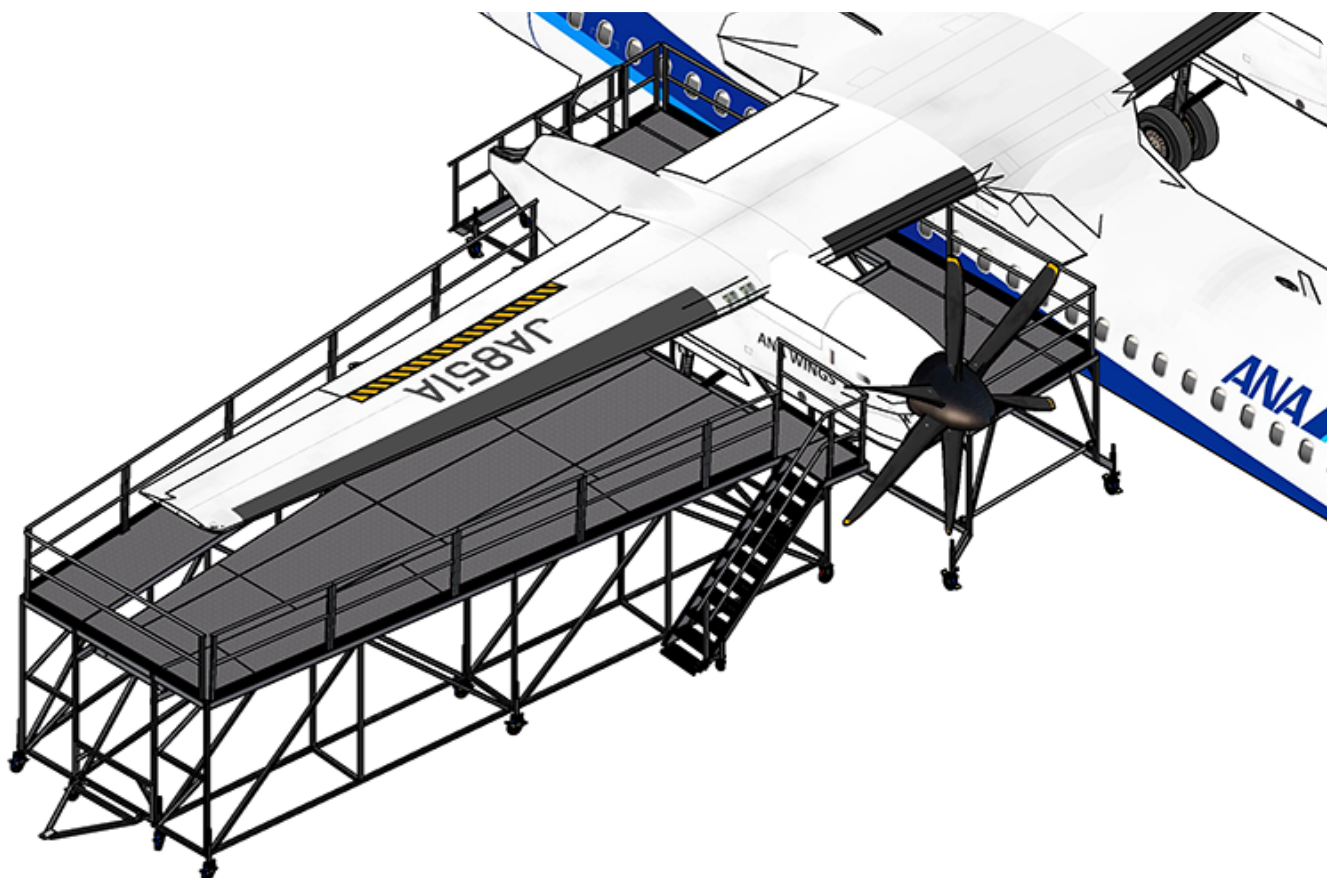
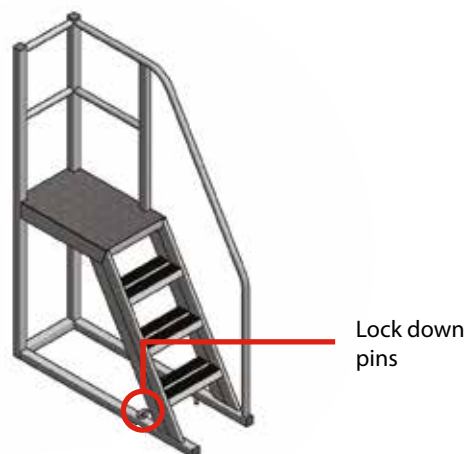
- › Configurable modules to allow flexibility in accessing sections of the wing.
- › Removable guardrails allows users to close off individual platform sections as required.
- › Angled or stepped deck heights available, to allow for height variations of wings.
- › Gated sections for movement of goods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





BOMBARDIER Q400

ANGLED WING DOCK - COMPONENTS

OUTER DOCK -
MOBILE PLATFORMWING ACCESS LADDER -
MOBILE PLATFORM

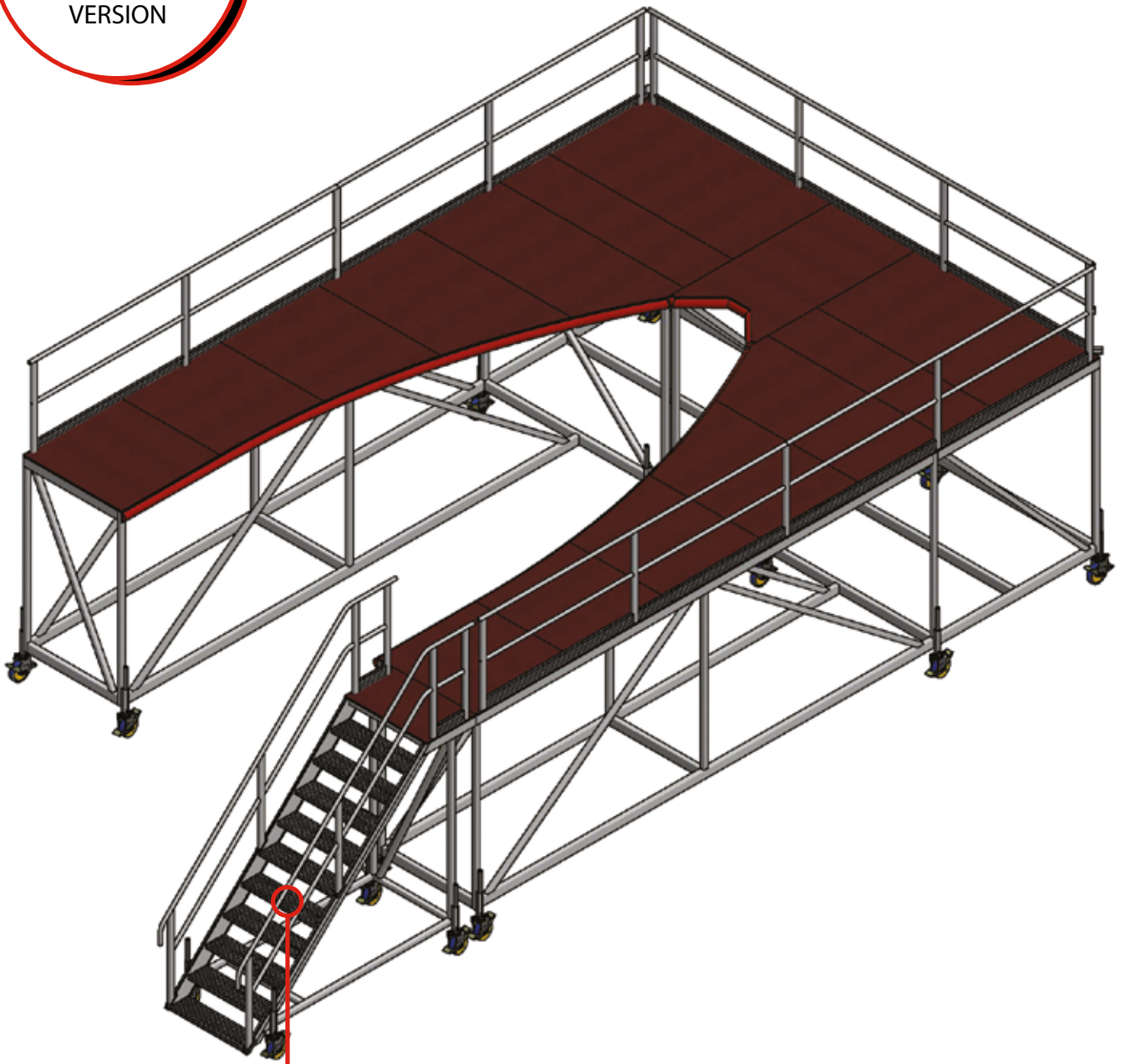


EMBRAER E190

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

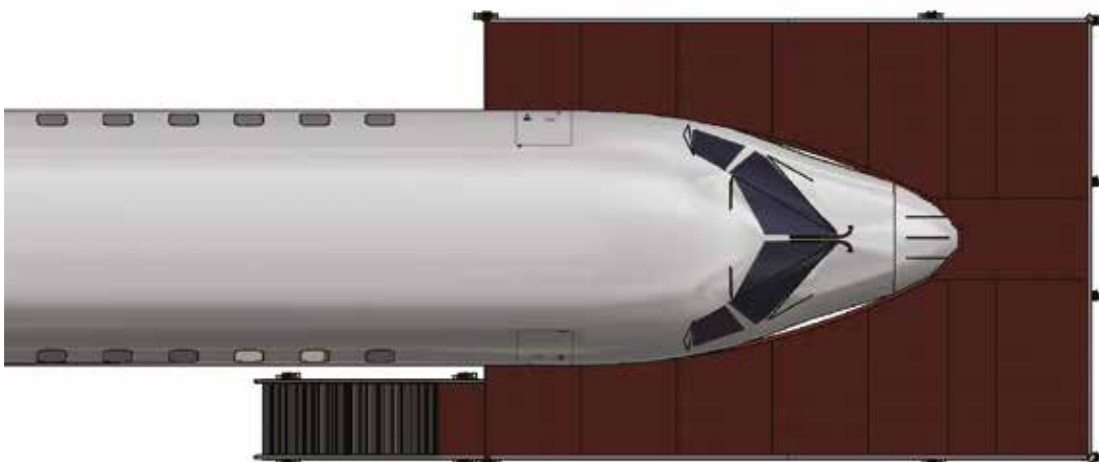
SIDE VIEW



FRONT VIEW



TOP VIEW



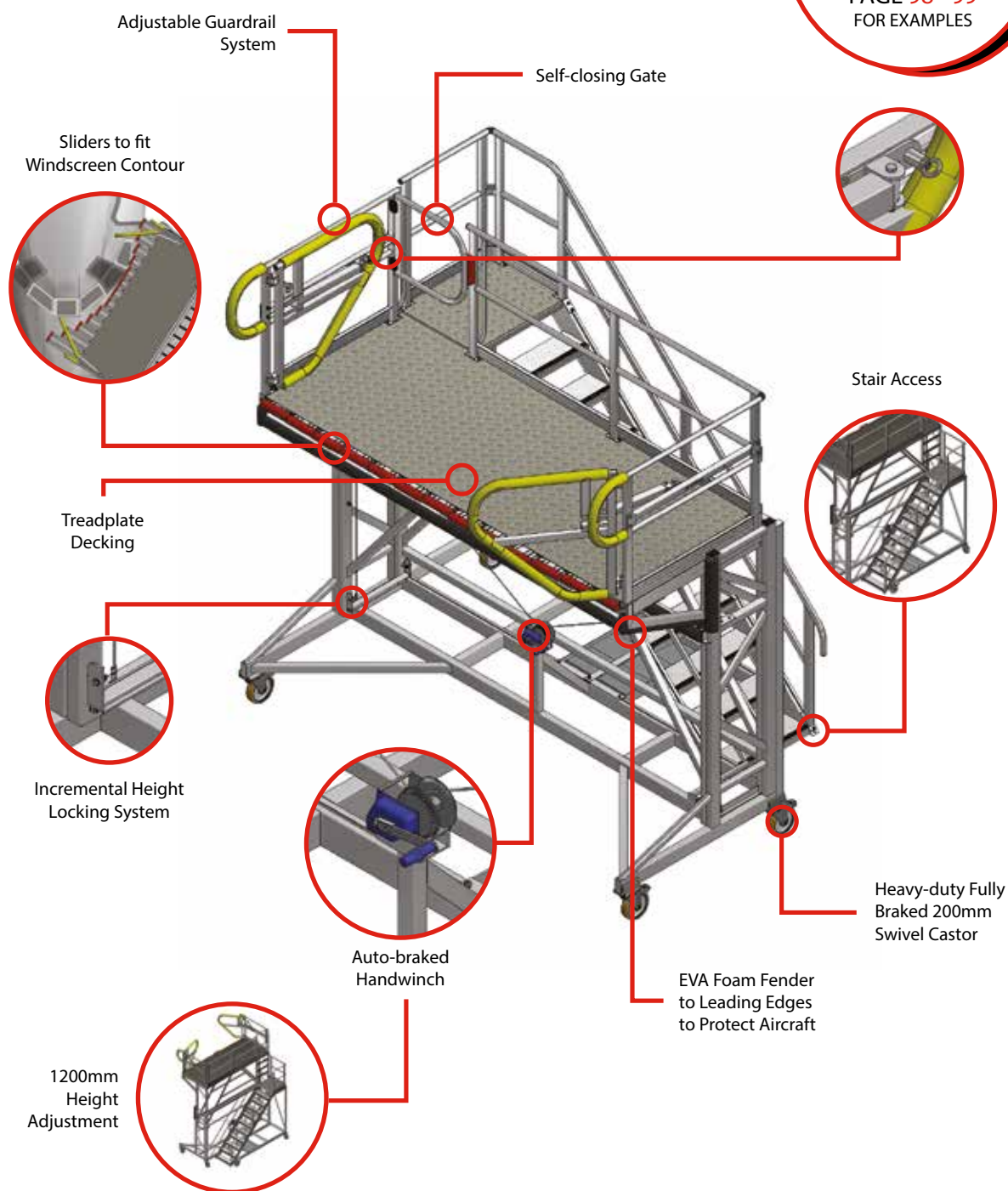


EMBRAER ERJ175

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

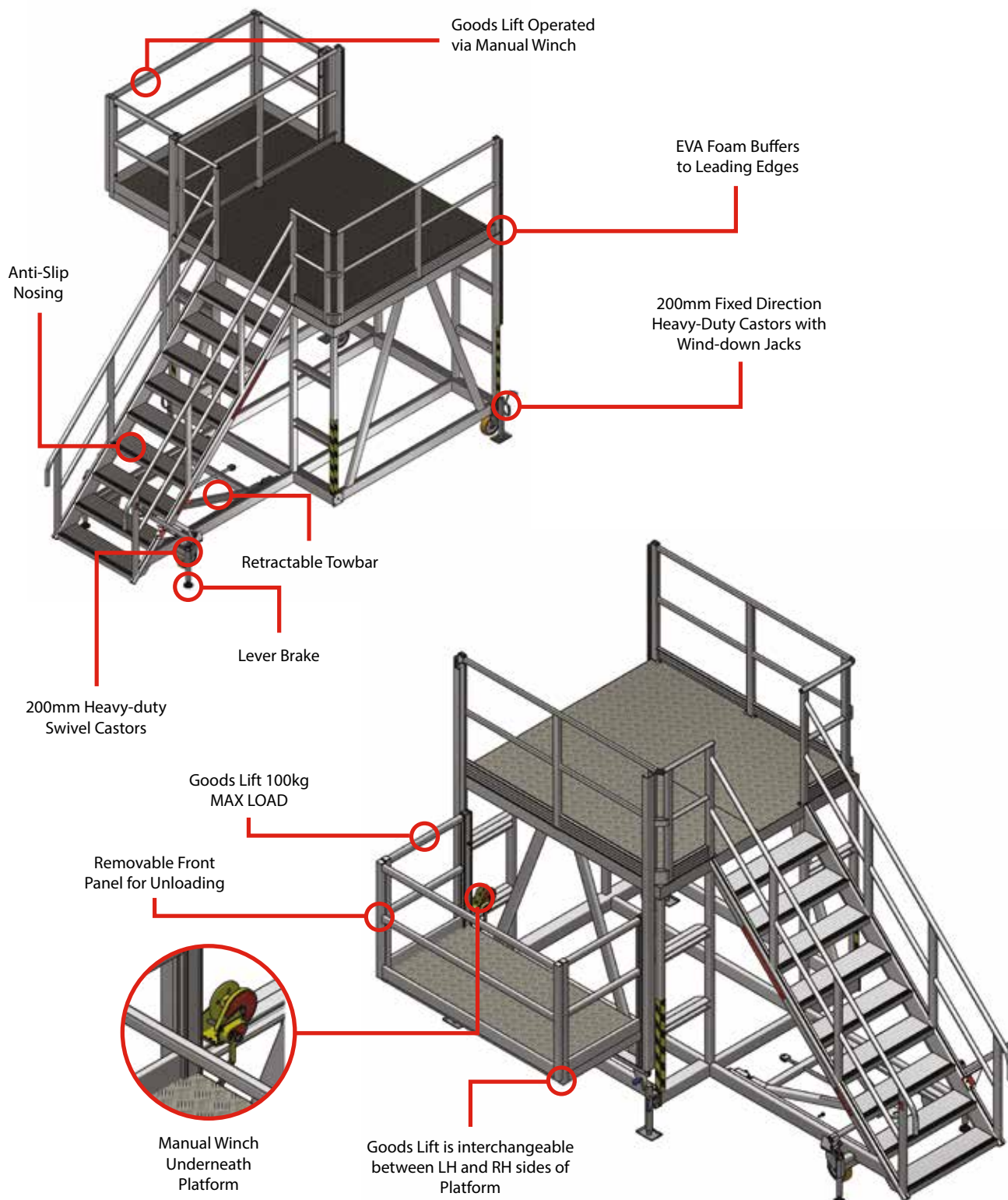




FOKKER 70/100

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.





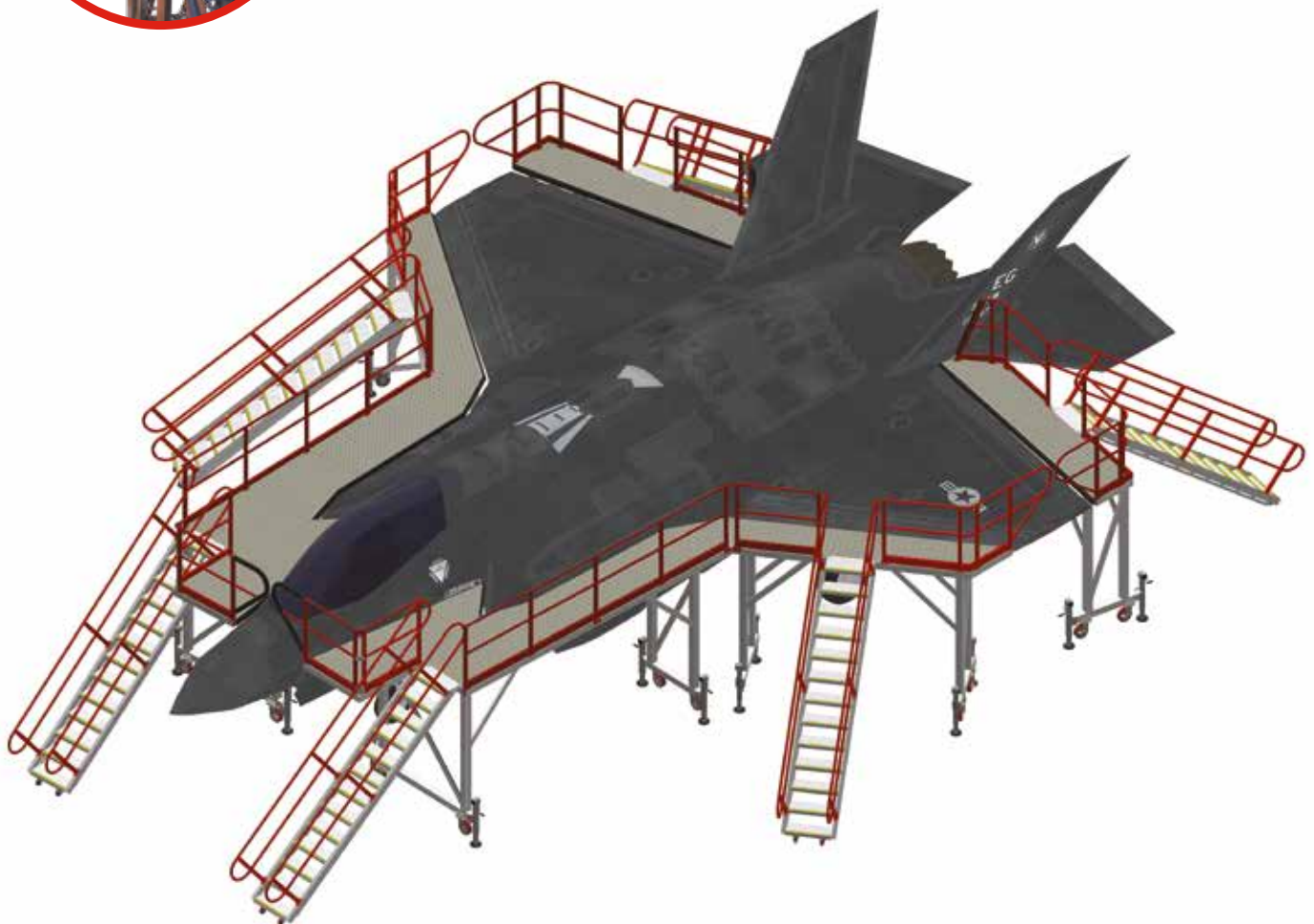
LOCKHEED MARTIN F-35

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

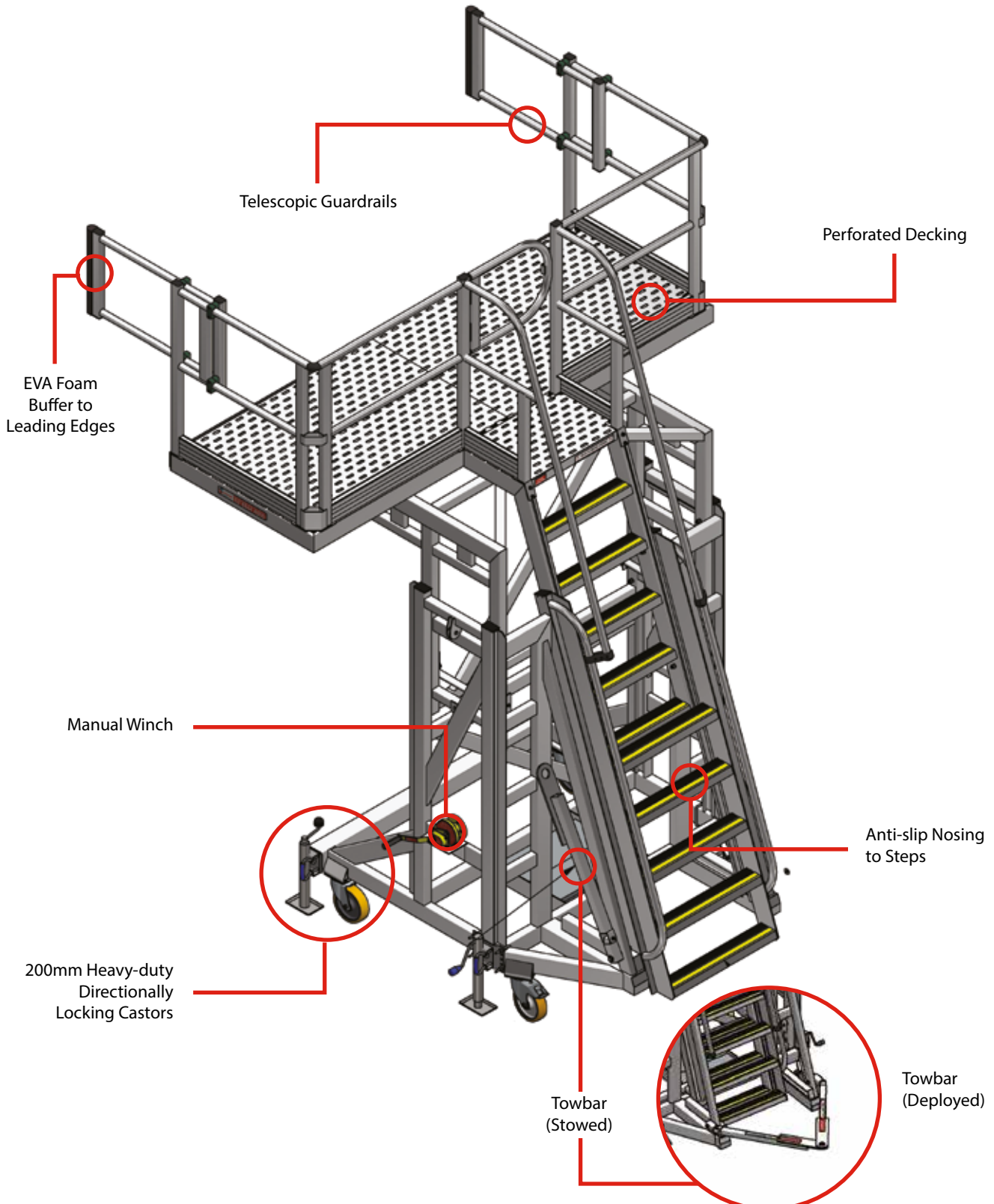




LOCKHEED MARTIN F-35

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

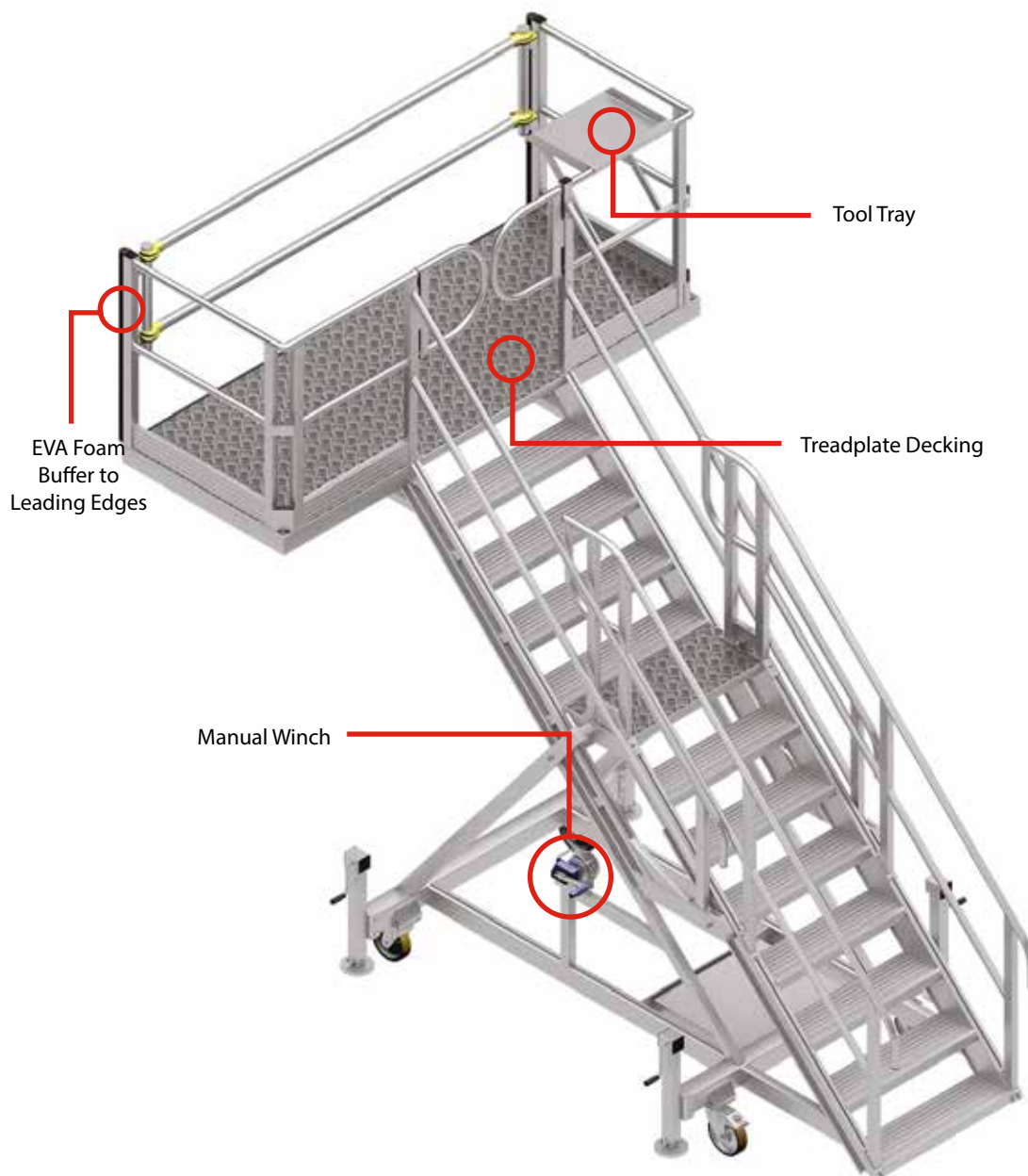




LOCKHEED F-35

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



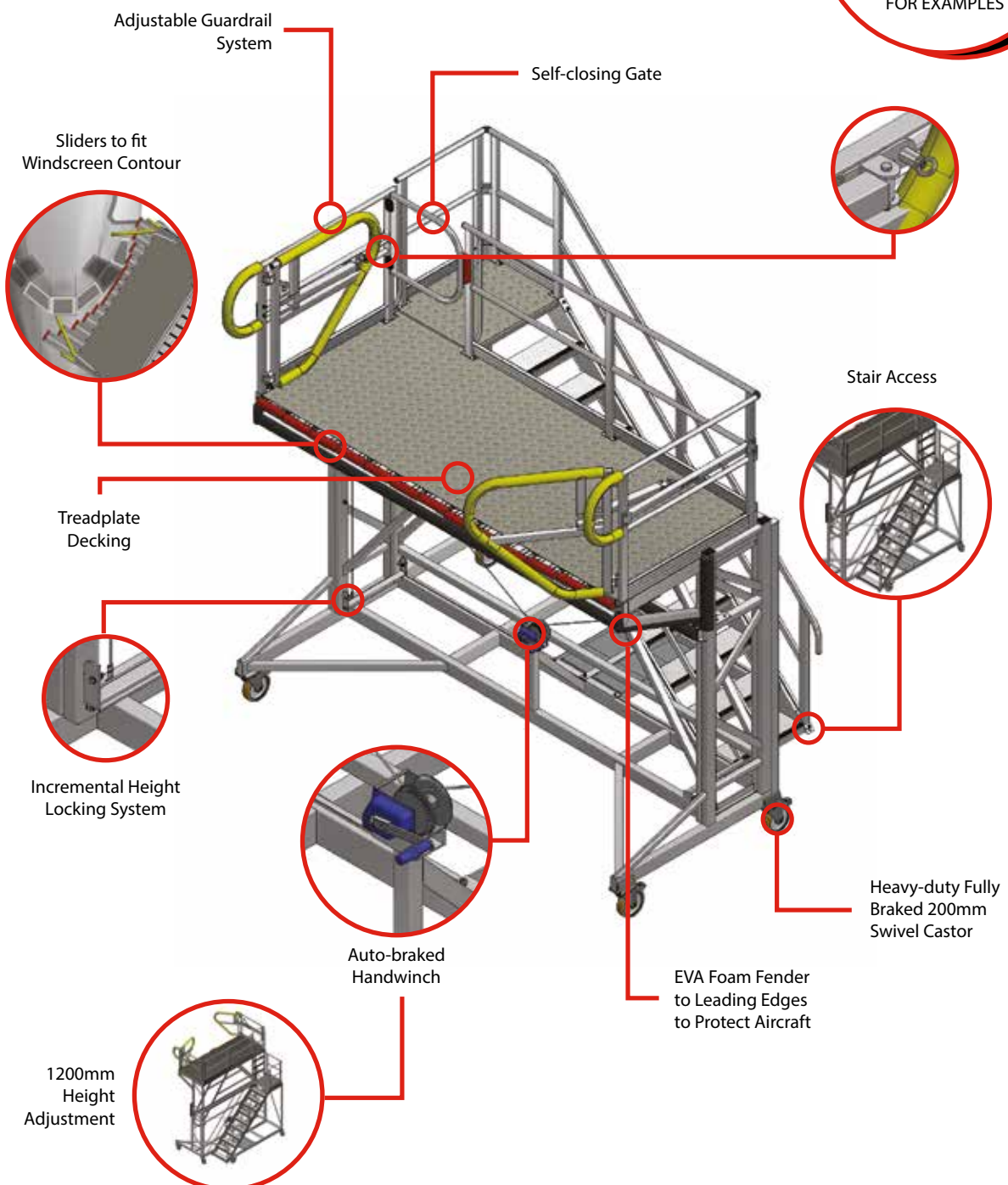


MCDONNELL DOUGLAS MD-90

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.

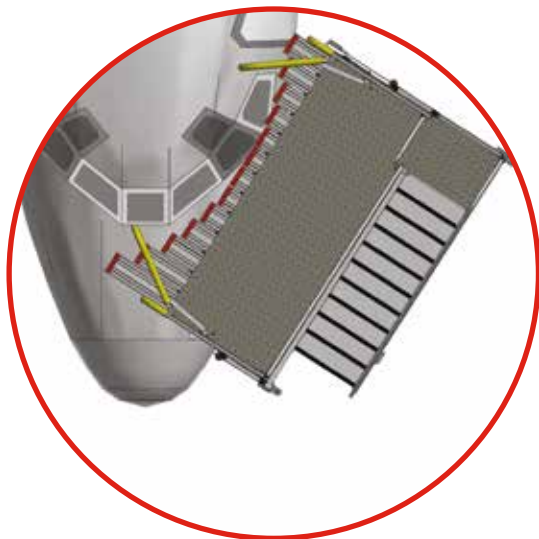
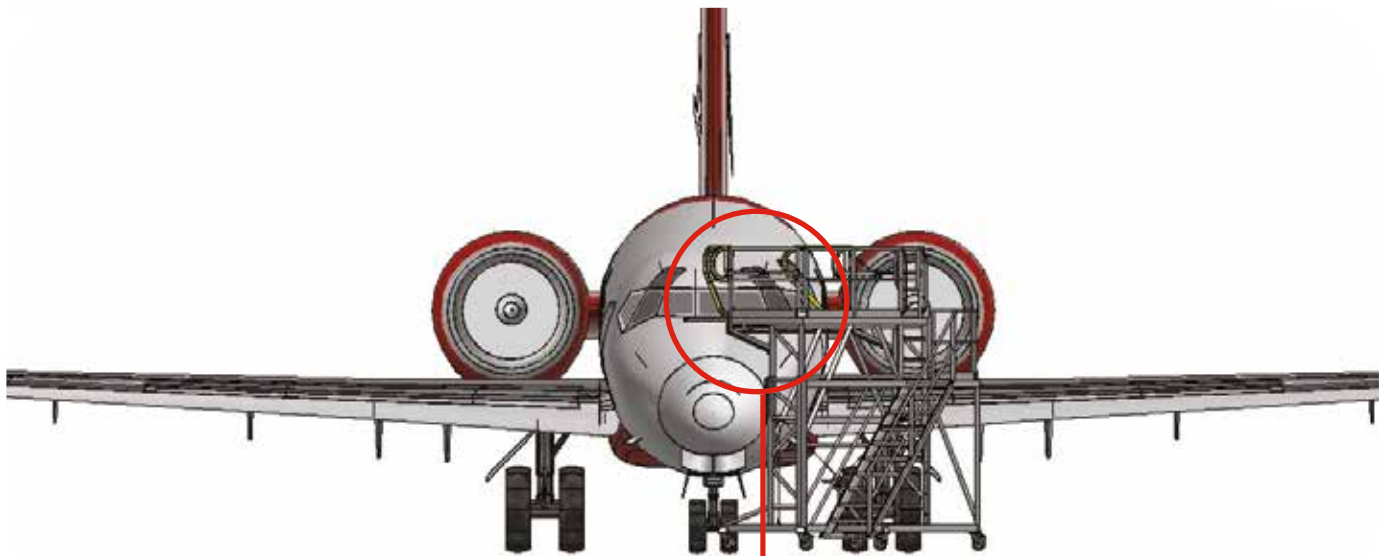
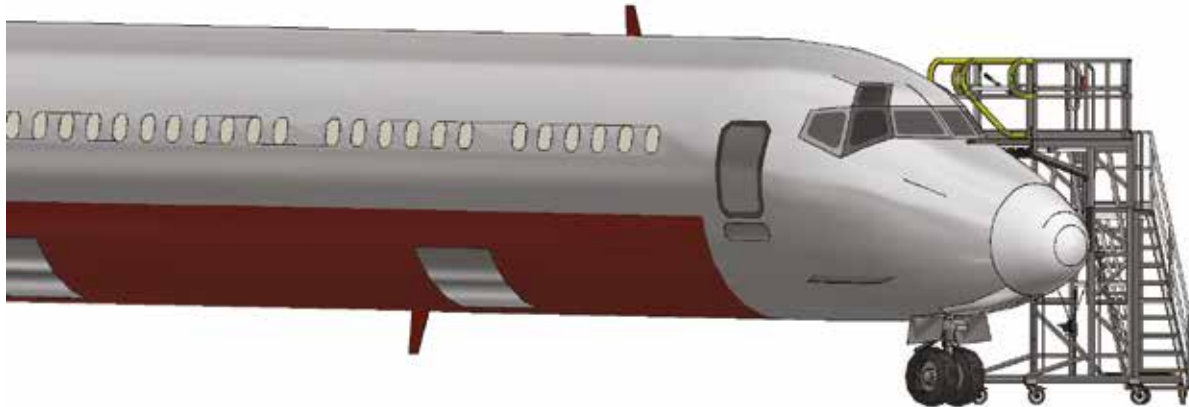
ALSO SEE
MULTI-USE
MAINTENANCE
STAND
PAGE 98 - 99
FOR EXAMPLES





MCDONNELL DOUGLAS MD-90

MULTI-PURPOSE CANTILEVERED STAND

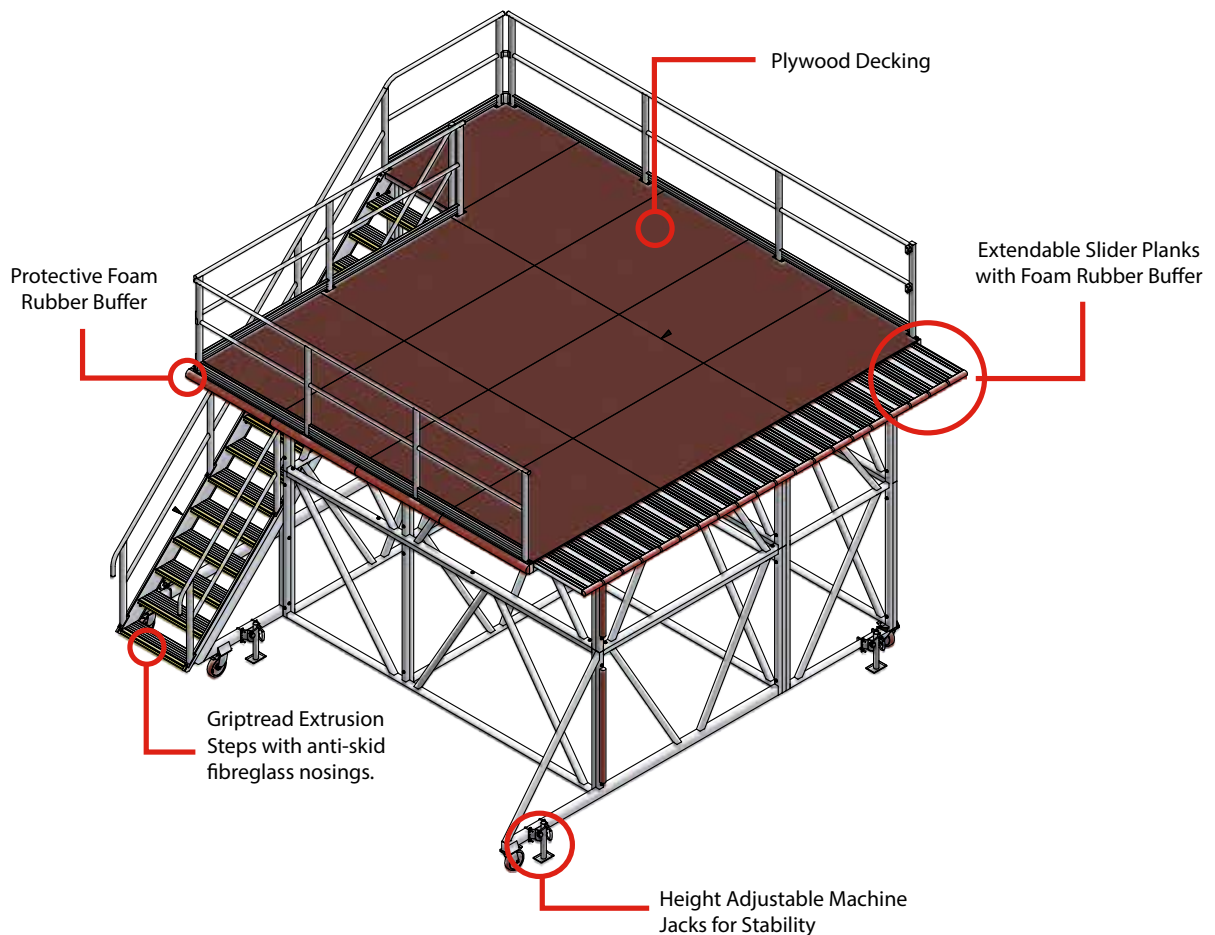




DASSAULT AVIATION FALCON 900

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

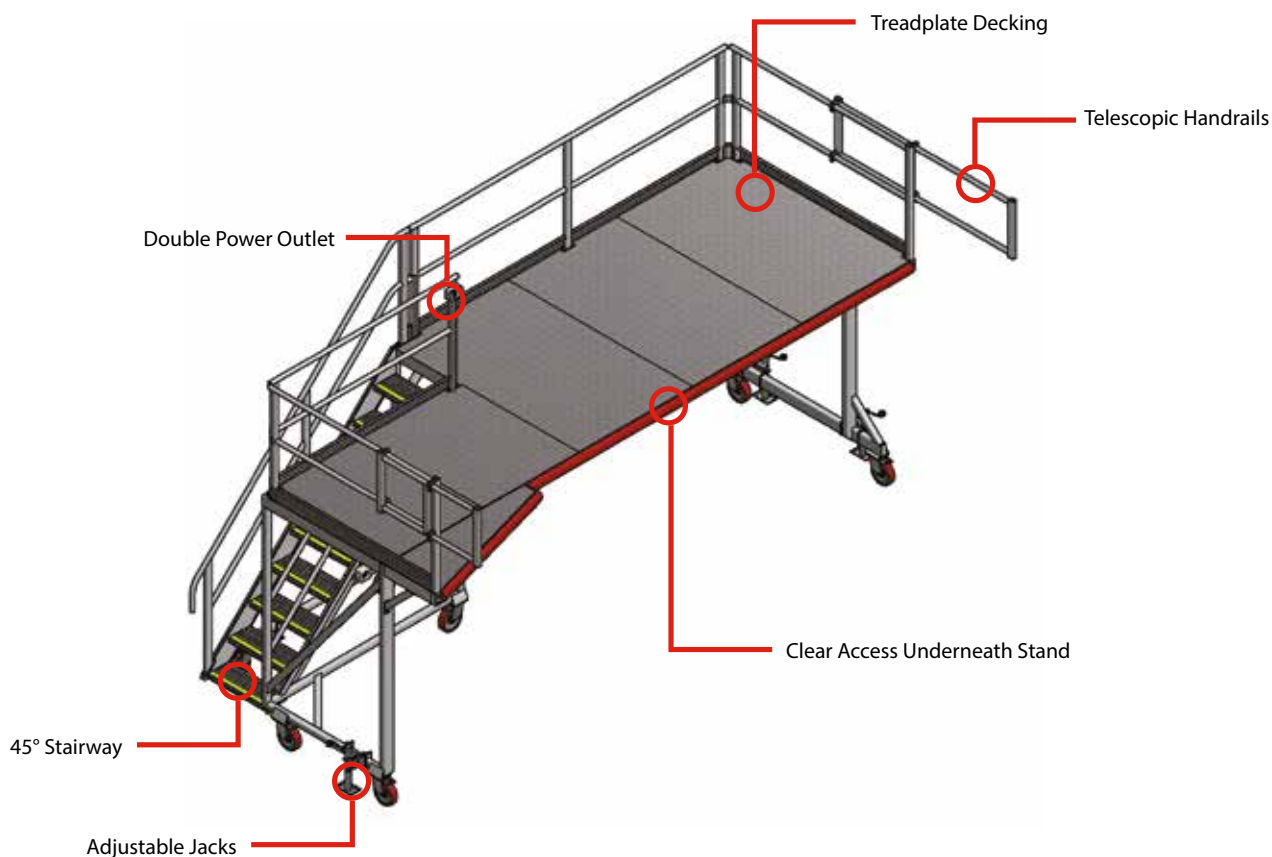
LEONARDO AW139	158	MBB/KAWASAKI BK117	234
LEONARDO AW169	176	KAMAN SEASPRITE SH-2G	238
LEONARDO AW189	184	NHINDUSTRIES NH90	240
AIRBUS H125	188	ROBINSON R22/R44	242
AIRBUS H130	190	SIKORSKY BLACKHAWK	244
AIRBUS H135	194	GENERAL PURPOSE	246
AIRBUS H145	200		
AIRBUS H160	208		
AIRBUS H175	212		
BELL HELICOPTER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



LEONARDO AW139

SIDE ACCESS PLATFORM - WIDE VERSION

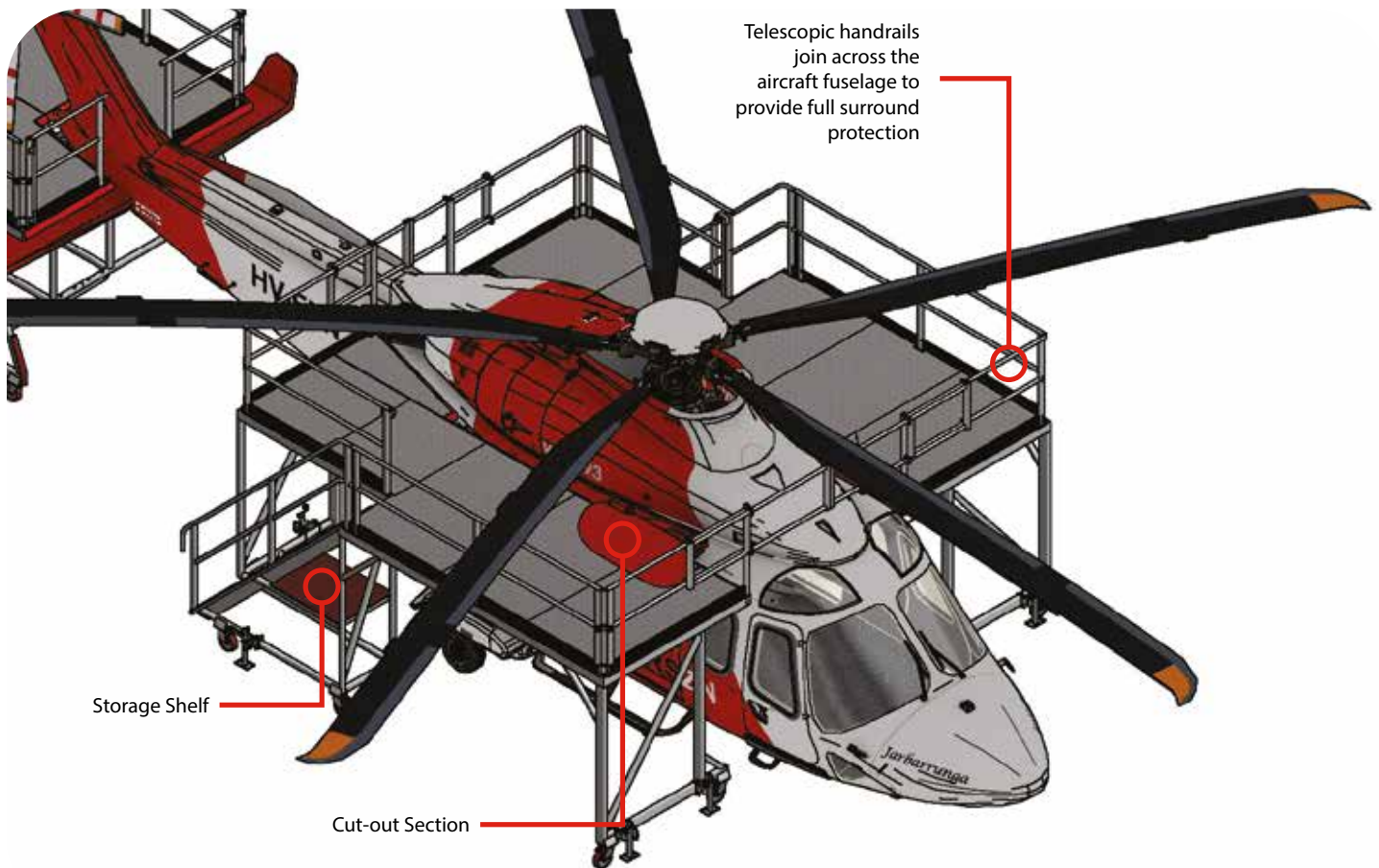
- › Available with lighting under stand, also available with power and air points.
- › Wider frame for additional engineers and tooling as required.
- › Extendable guardrails slide out over fuselage, to provide full surround edge protection when working on the aircraft.
- › Ideal for heavy maintenance, 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

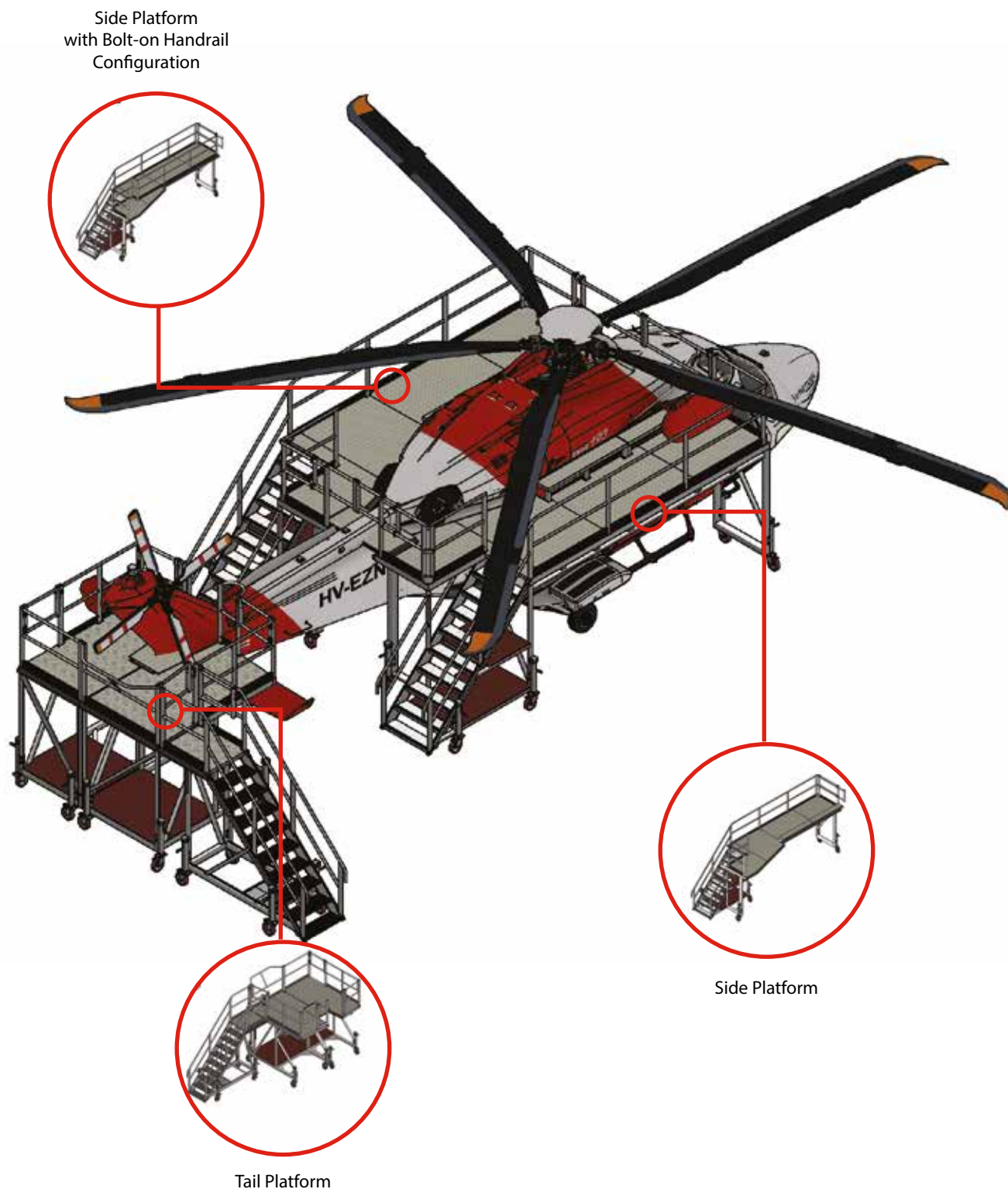




LEONARDO AW139

FULL SURROUND PLATFORM SYSTEM

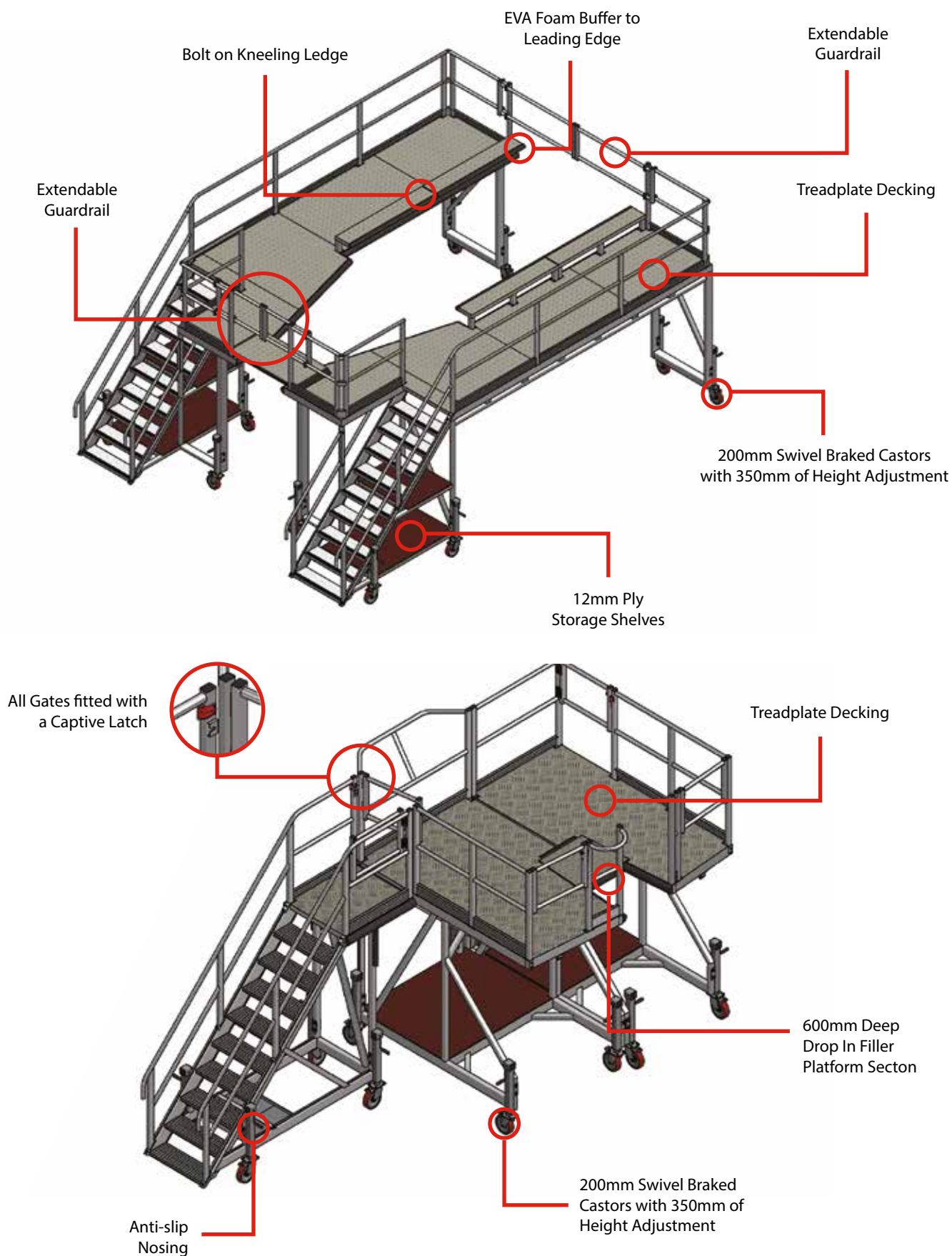
- › Sliding guardrails and interconnecting bridges allow access all around for deeper level checks.
- › Stair access for the Tail Stand can be reconfigured to the left of right stand depending on hangar configuration.
- › Guardrails are configured to allow rotating of the tail rotor during maintenance.





LEONARDO AW139

FULL SURROUND PLATFORM SYSTEM





LEONARDO AW139

SIDE ACCESS PLATFORM - SLIMLINE VERSION

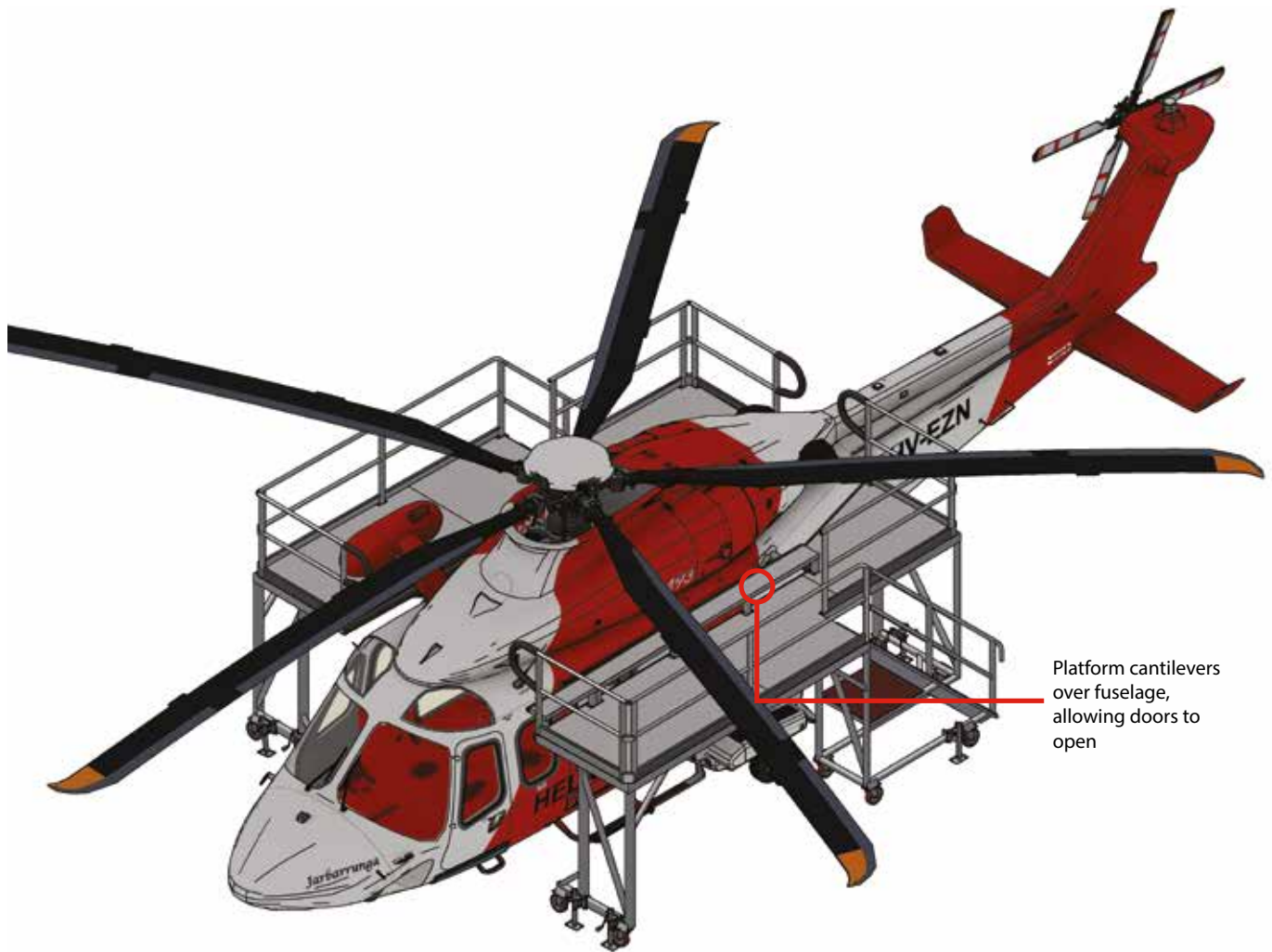
- › These stands are our most popular stand for heavy maintenance on the AW139. They are large enough to provide all required access to the aircraft for heavy maintenance, but still manoeuvrable enough to relocate around small hangars.
- › Small step-up sections cantilever over the side doors, allowing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





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



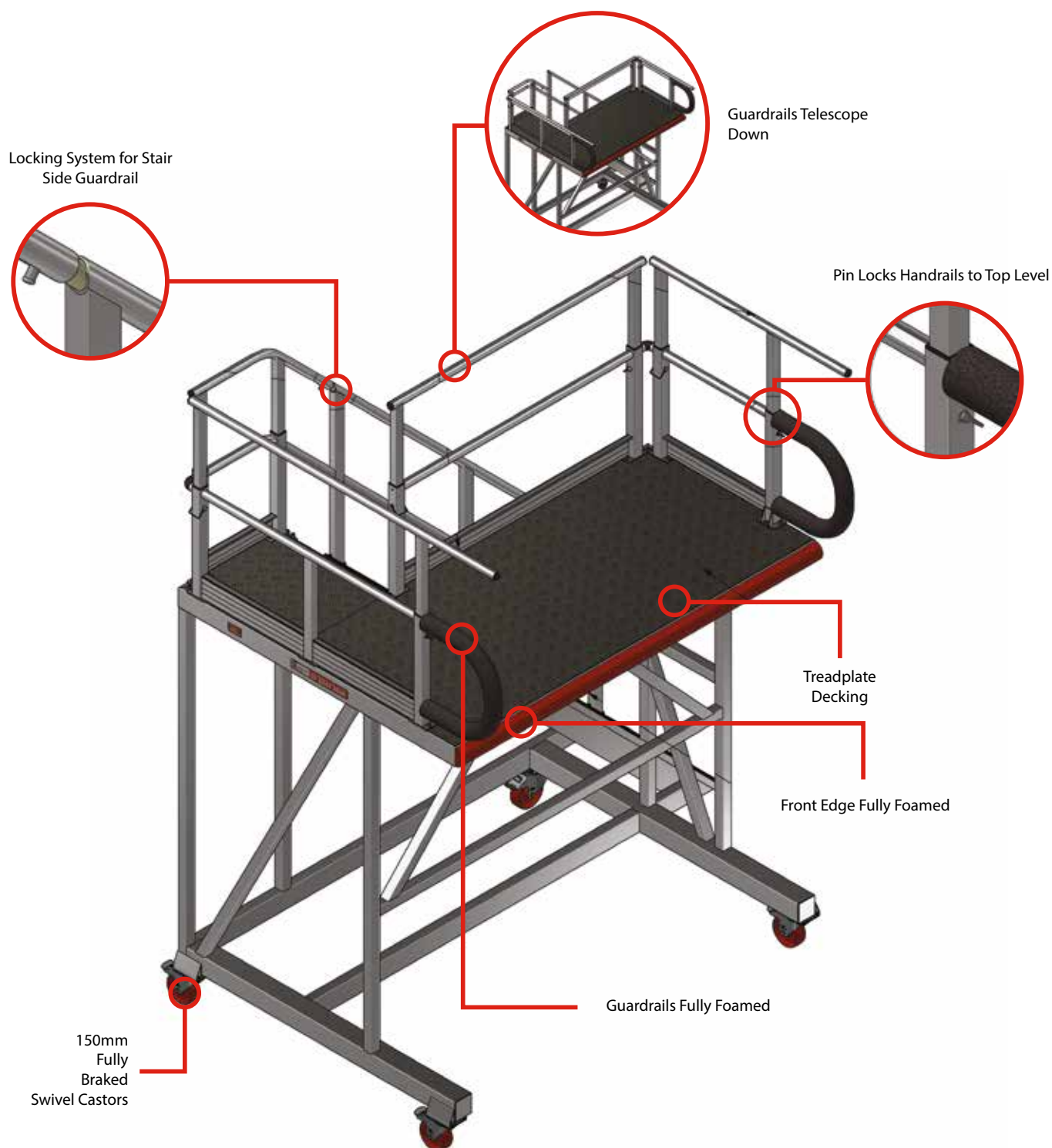
SHOWN ON H160



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

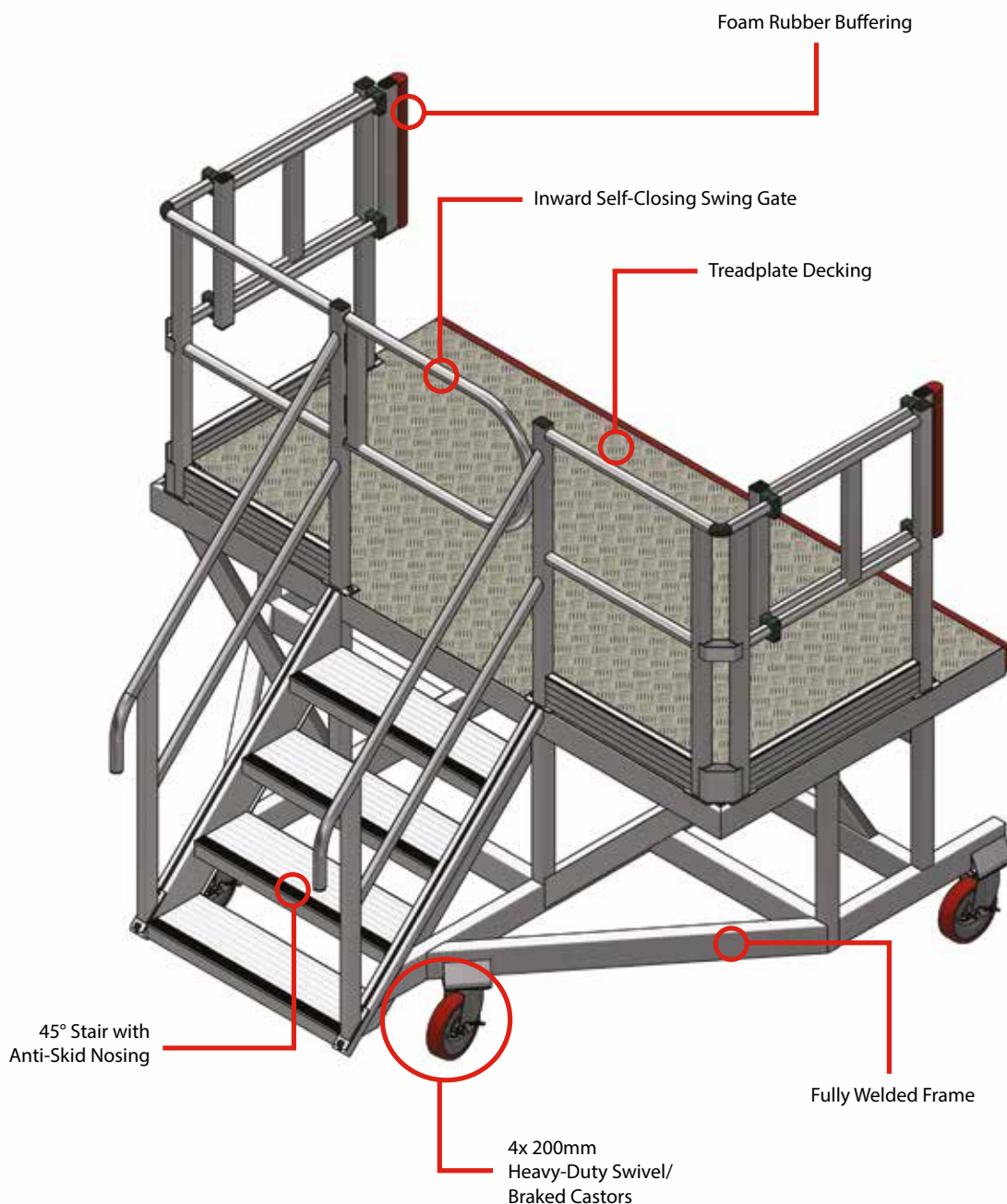
AW139

AW169

H160

H175

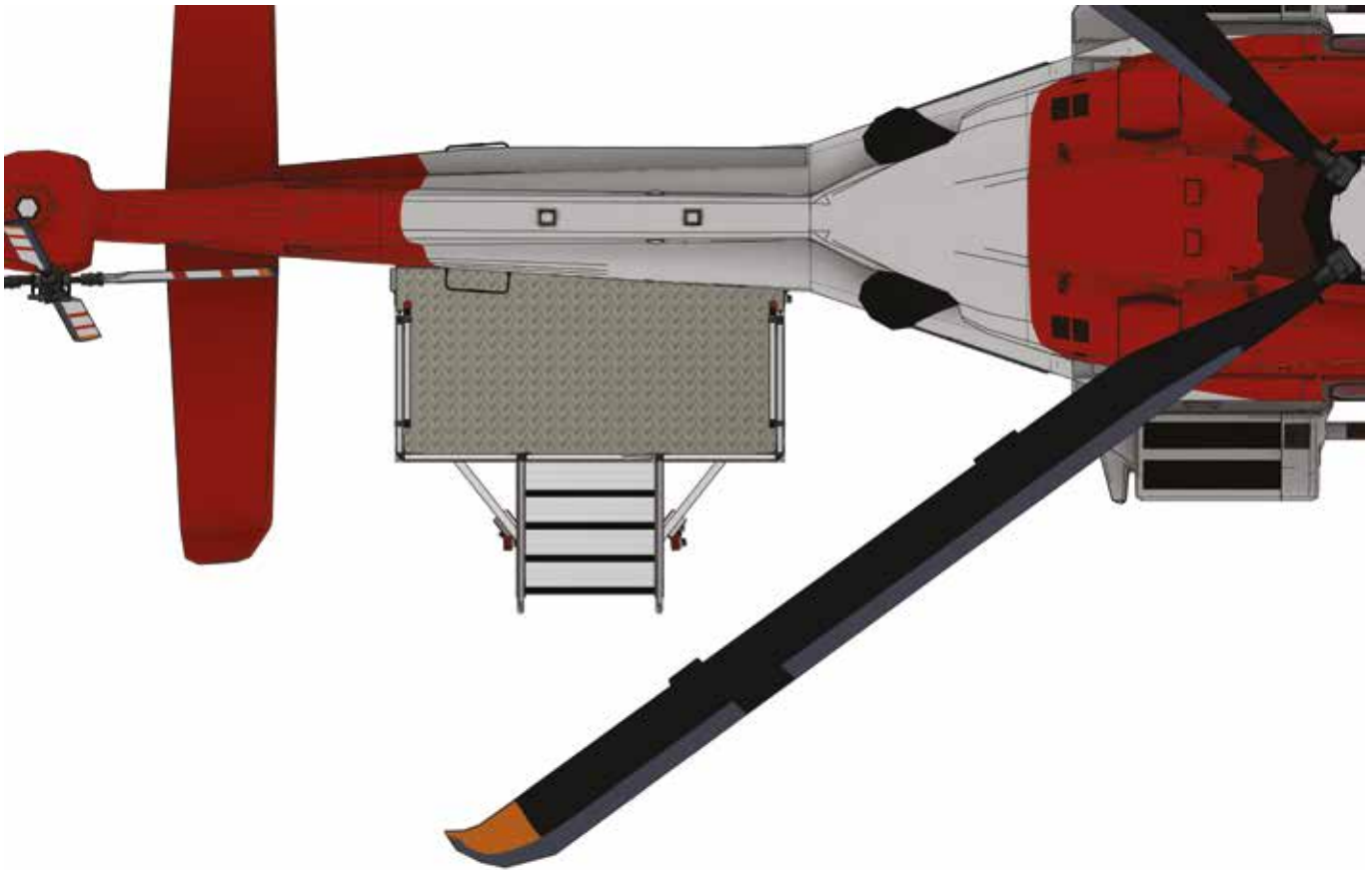
And many more aircraft models. For more information, contact your local SafeSmart Aviation Representative.





LEONARDO AW139

TAIL BOOM ACCESS PLATFORM



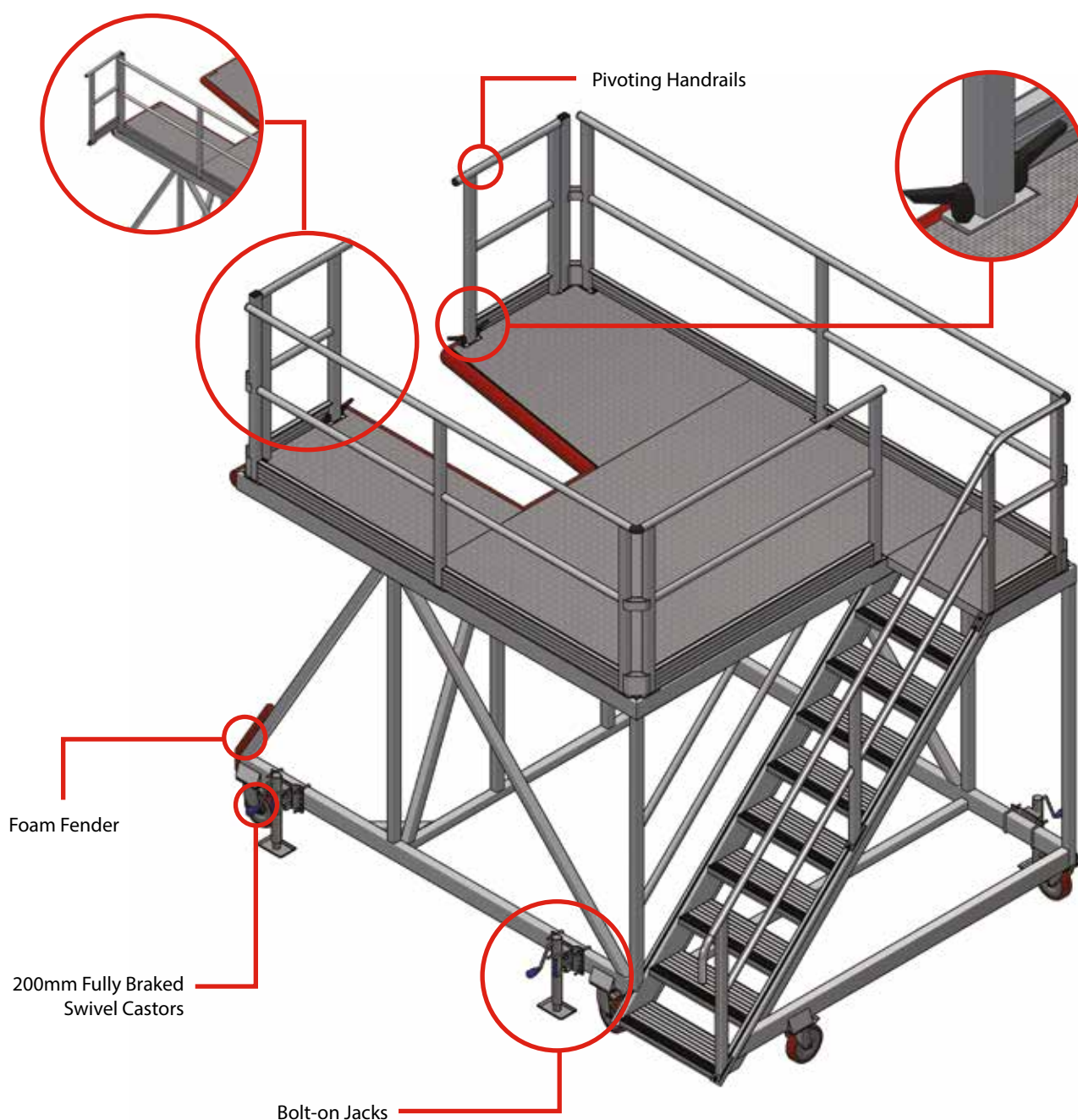


LEONARDO AW139

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

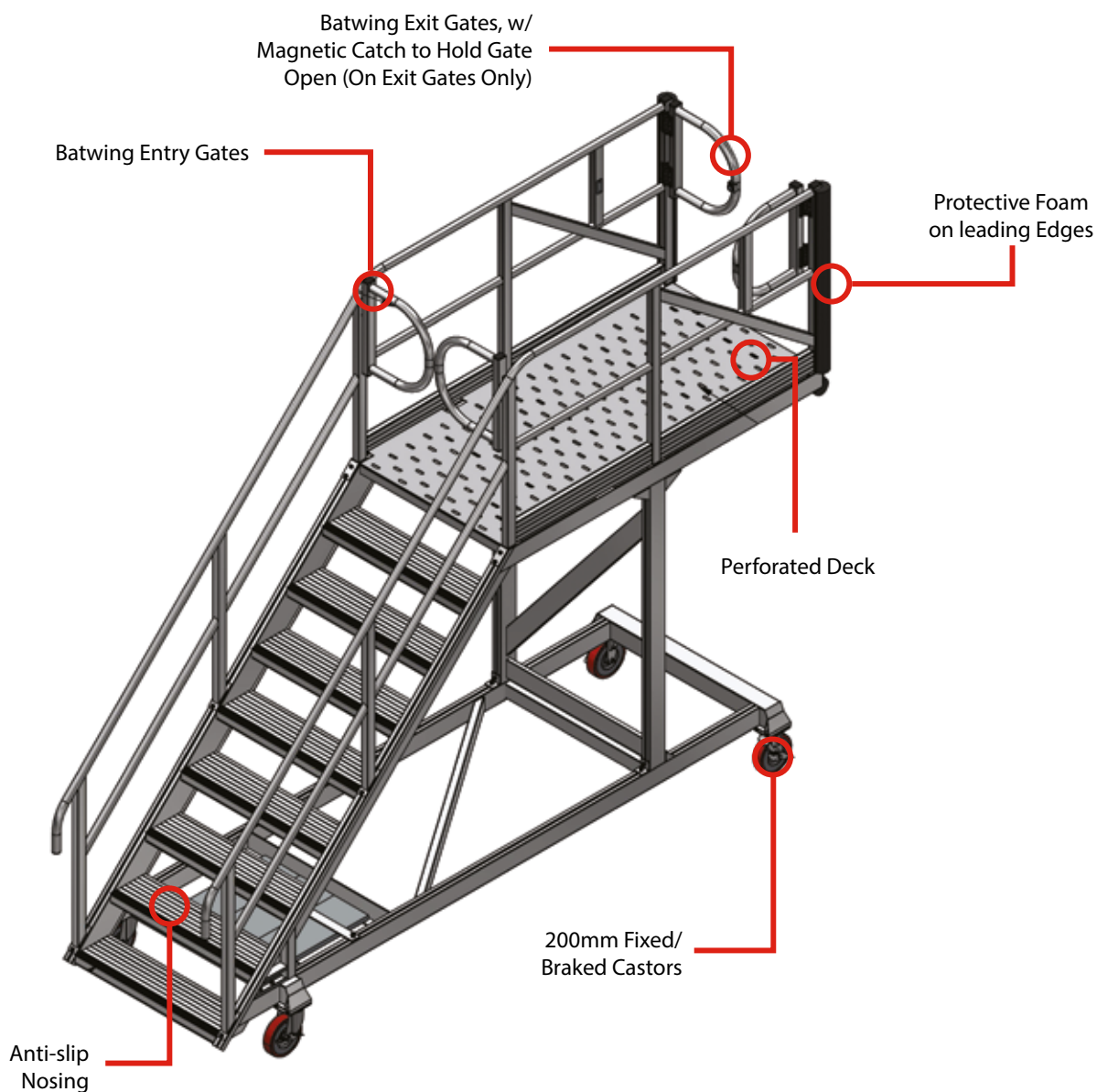
TAIL ACCESS PLATFORM - LINE MAINTENANCE

- › 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**

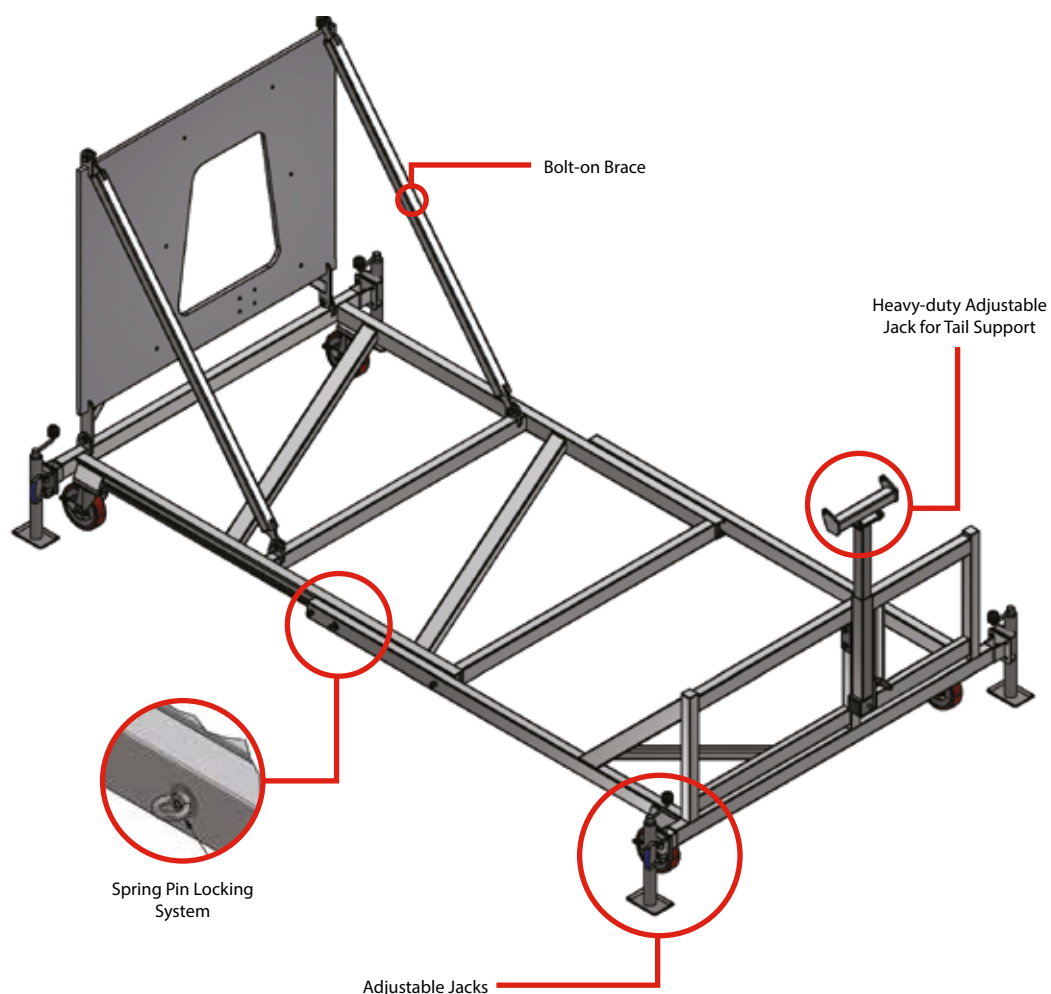




LEONARDO AW139

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.

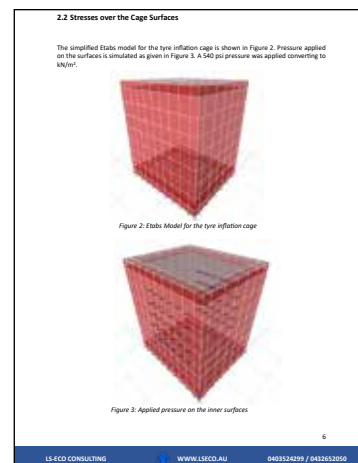




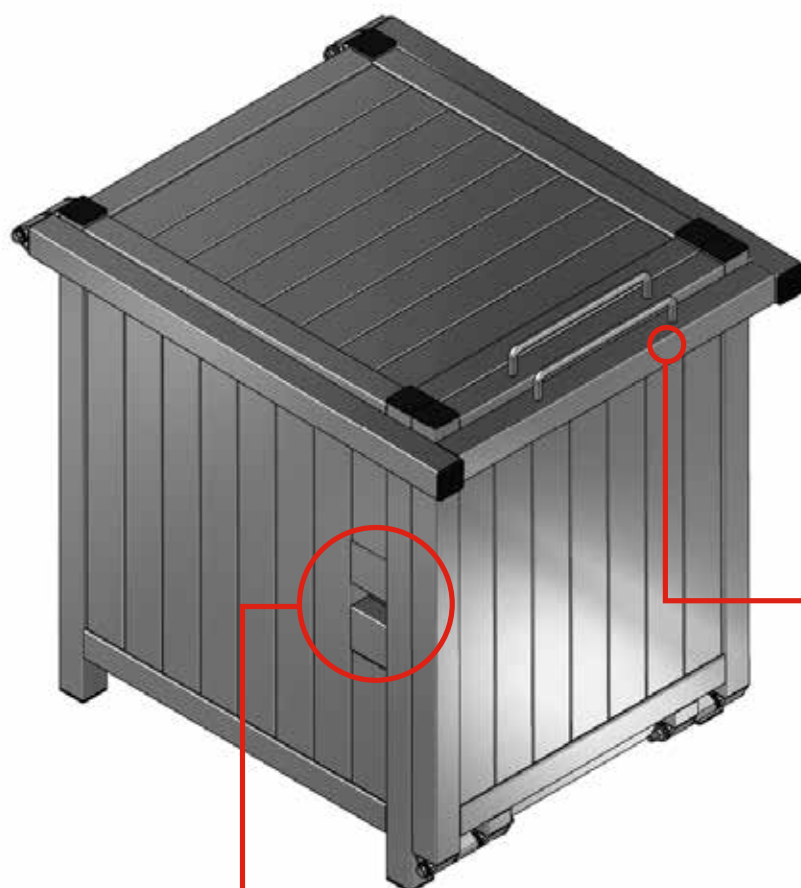
LEONARDO AW139

TYRE INFLATION CAGE

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

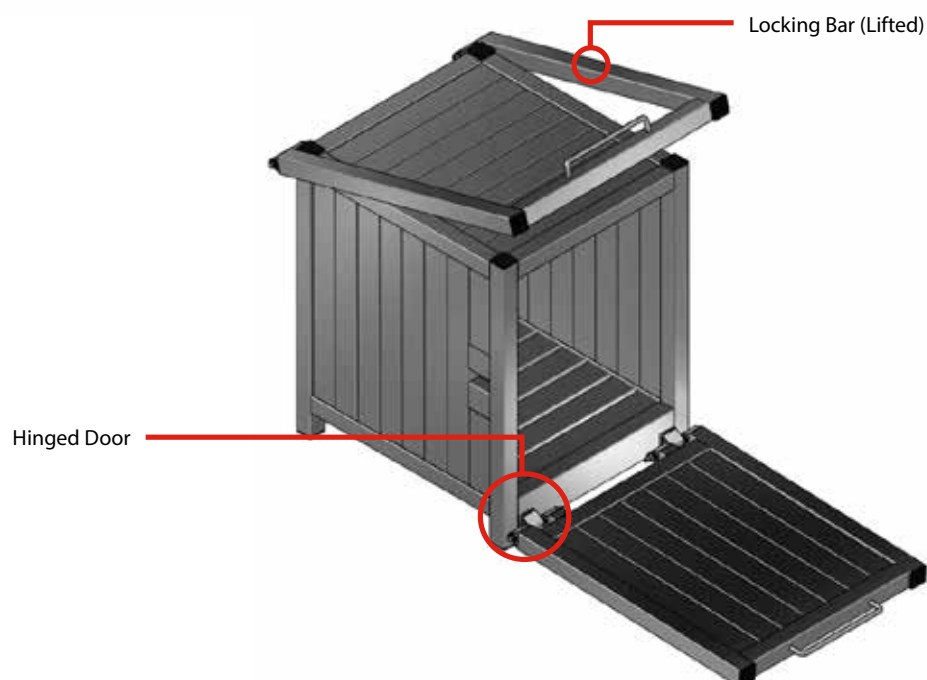


Analysed to ensure capacity of cage is suitable to accommodate a tyre burst event



Air Hose Port

Locking Bar



Locking Bar (Lifted)

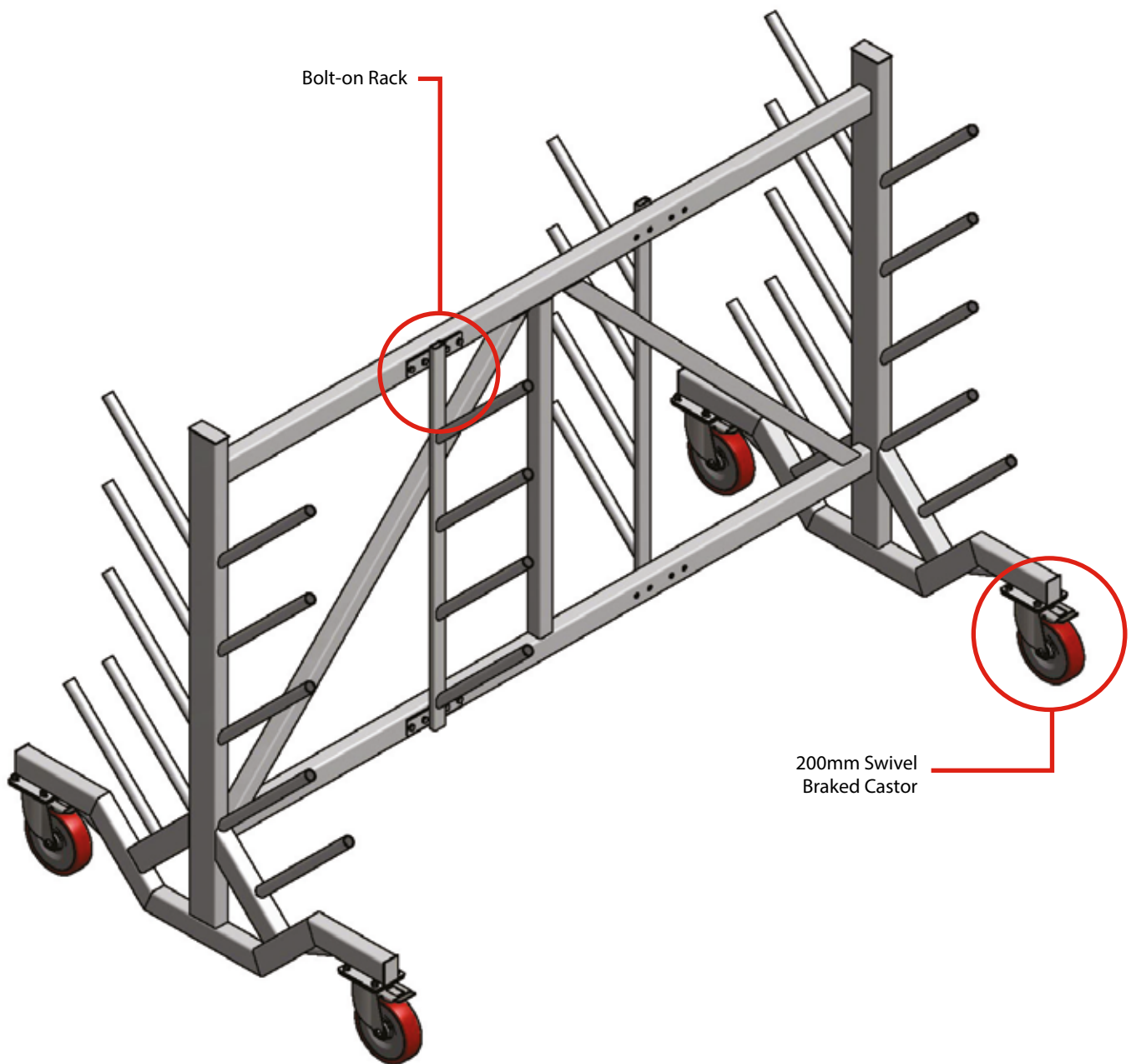
Hinged Door



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.

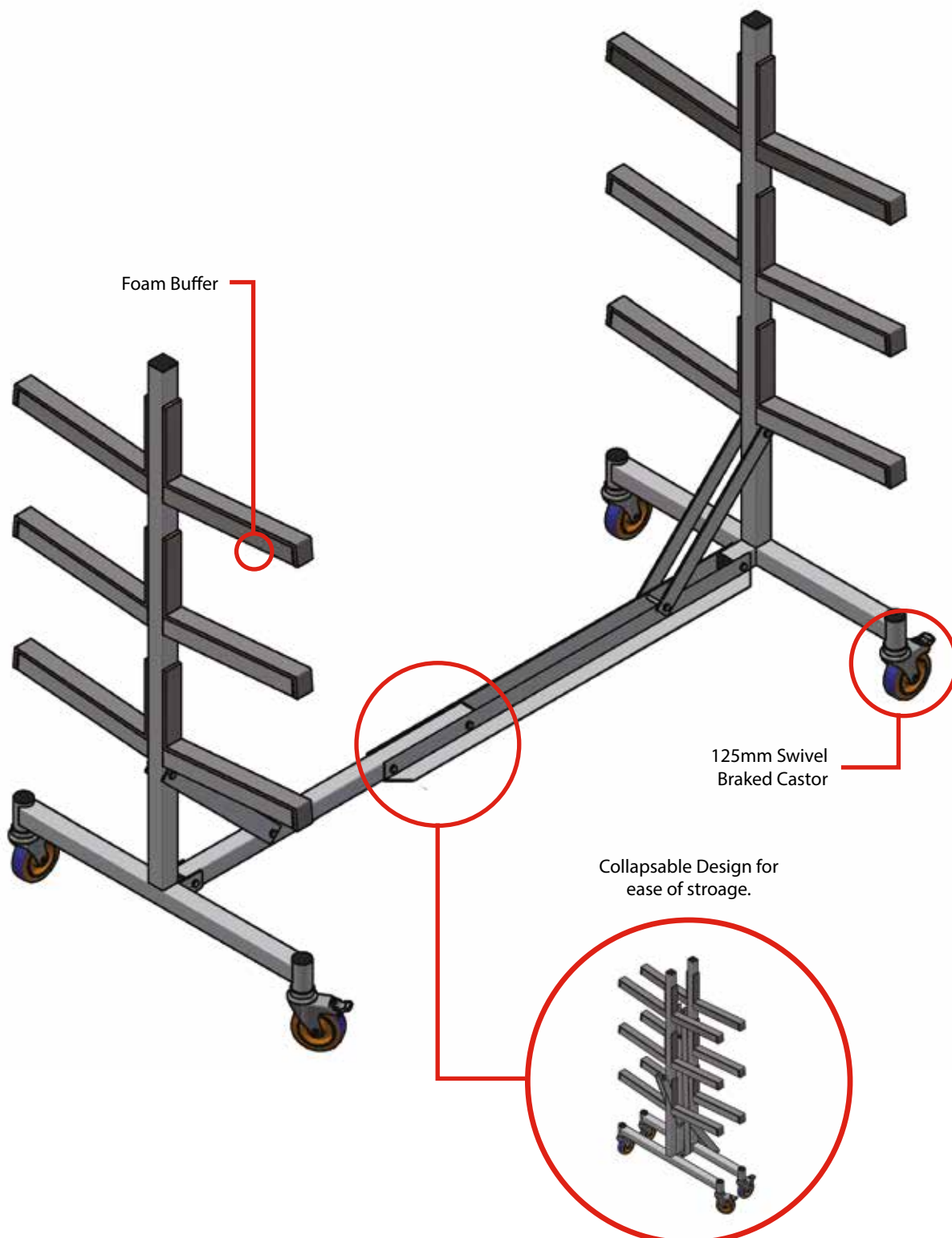




LEONARDO AW139

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.

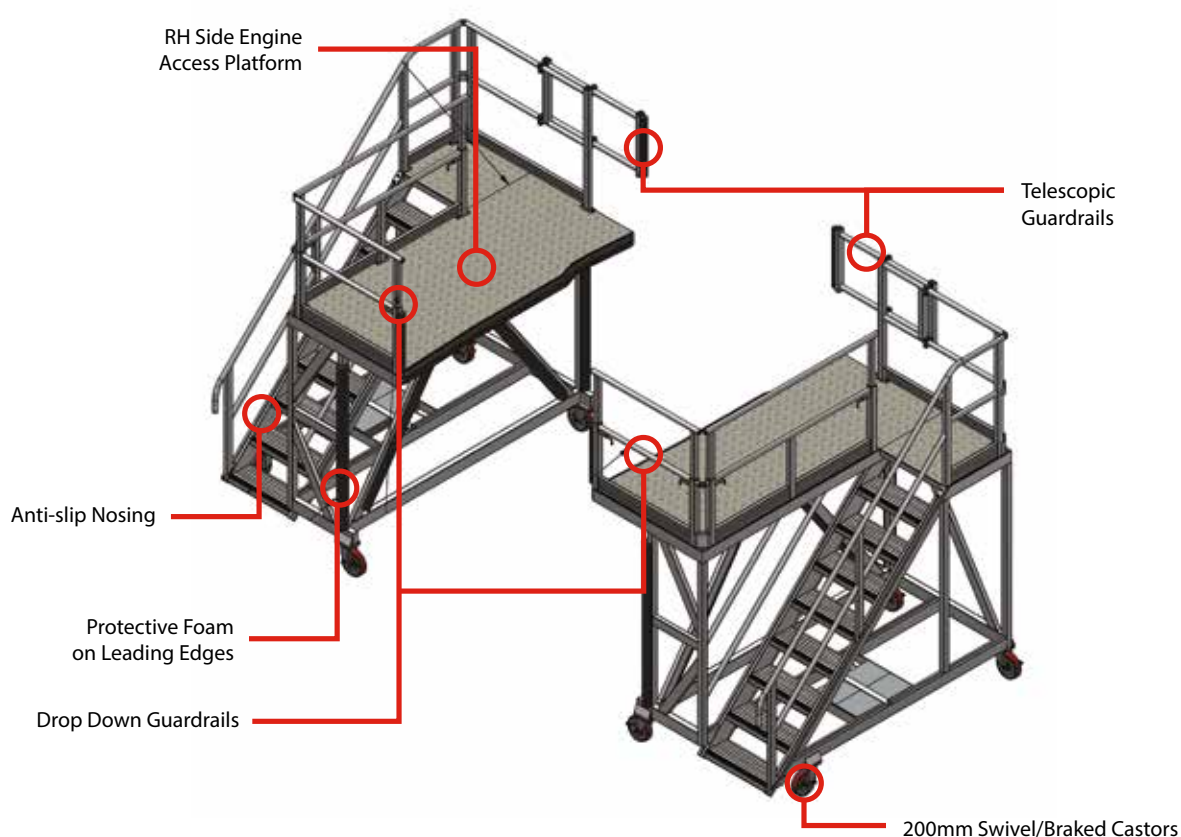




LEONARDO AW169

SINGLE LEVEL SIDE PLATFORM

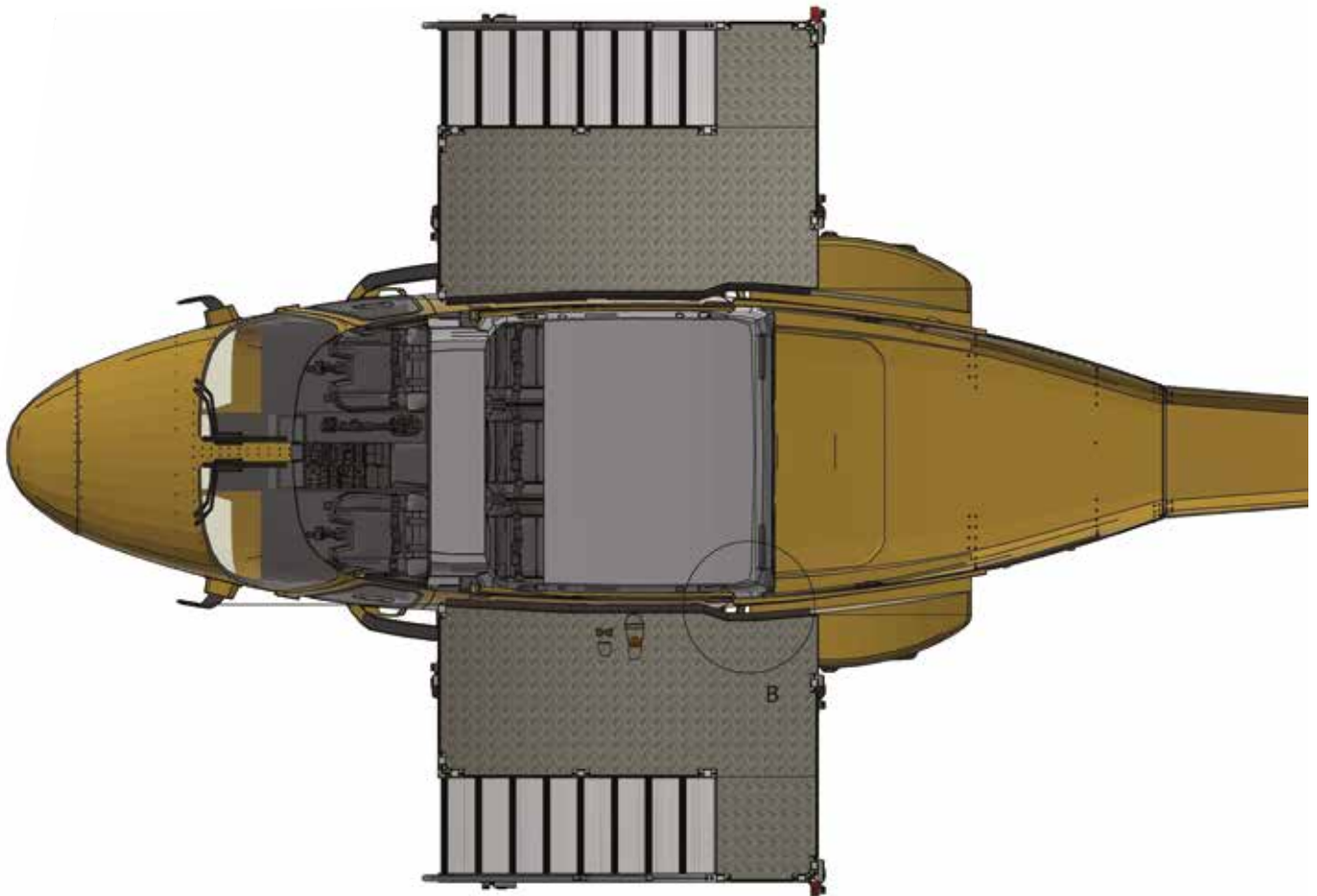
- › Ideal for line maintenance applications, provides a large work platform for ease of access during inspection and maintenance.
- › Stair access allows the user to carry tools and parts to the work space safely.
- › Telescopic guardrails, slide forward closing any fall risk from the platform and providing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

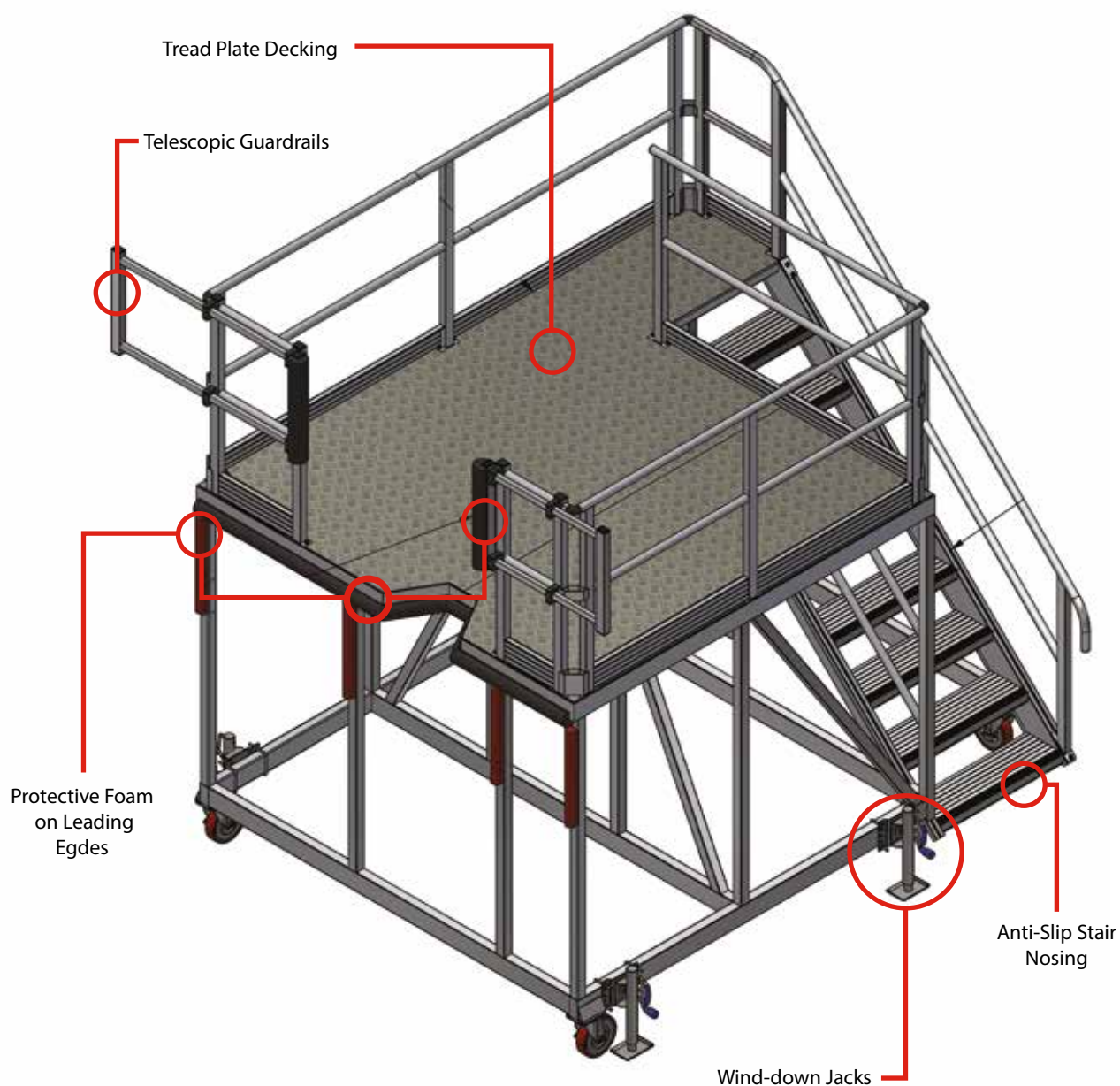




LEONARDO AW169

TAIL ACCESS PLATFORM

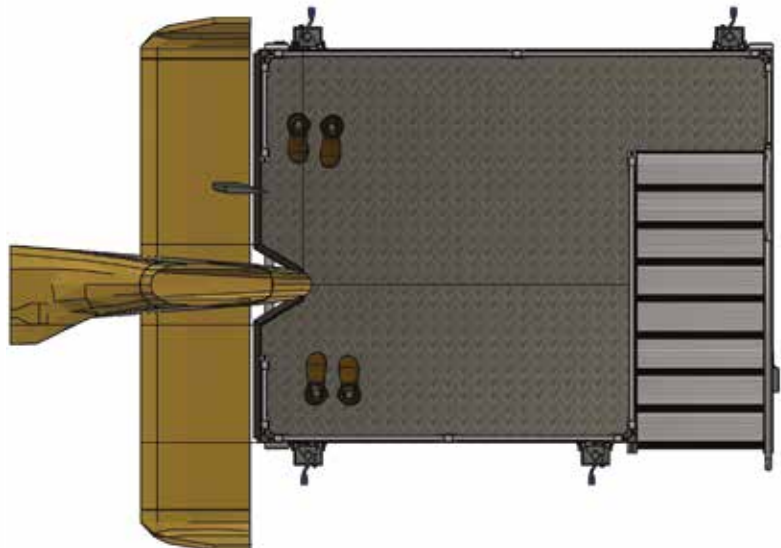
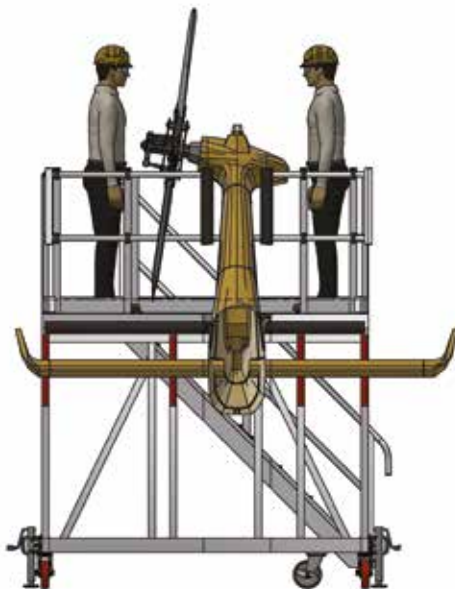
- › Designed to provide complete access to the tail and tail rotor for routine checks and maintenance.
- › Handrails telescope outward on the leading edge to allow the docking to rest against the helicopter without any risk of collision. They then close any gap to the aircraft, eliminating fall risks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

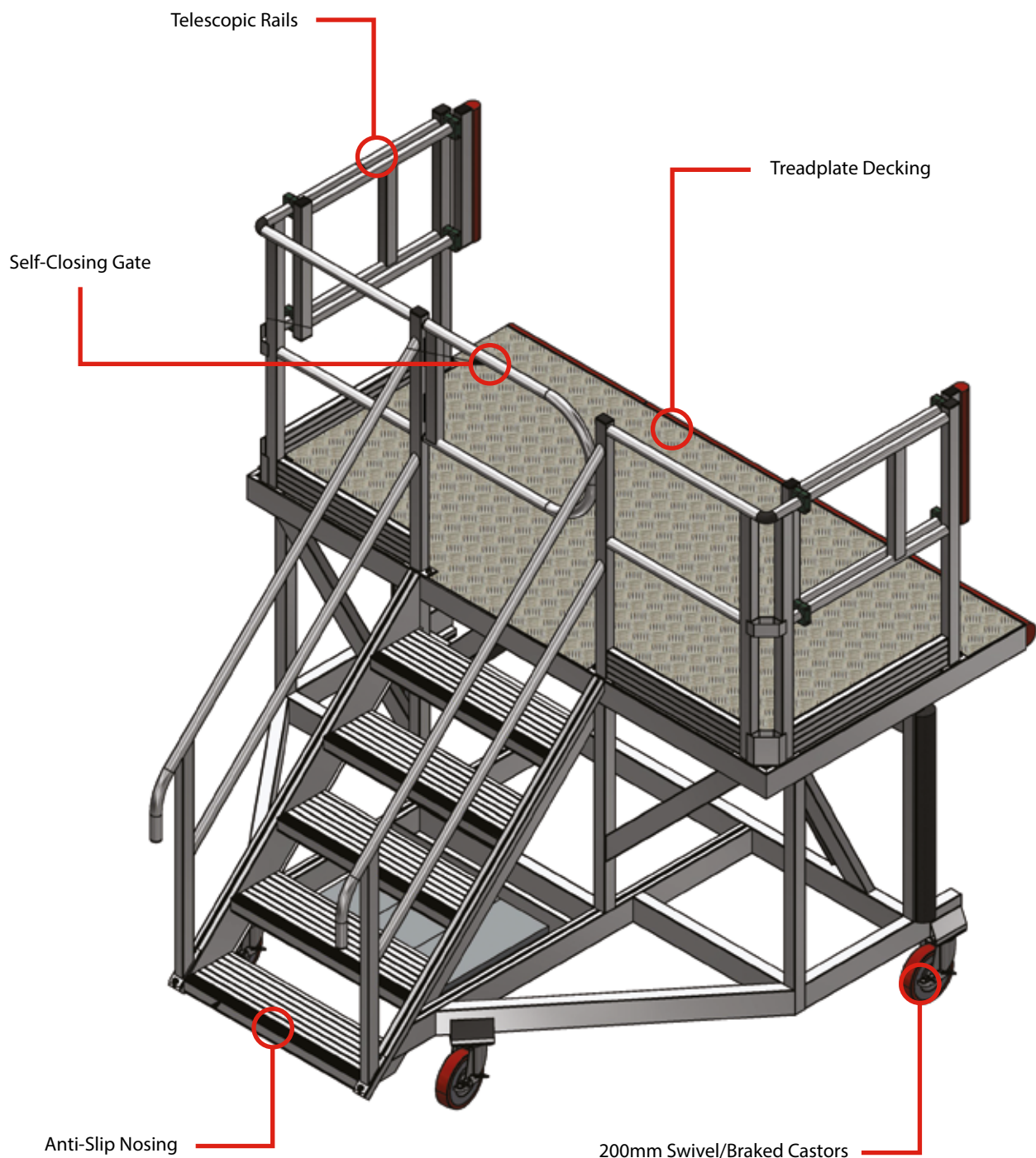




LEONARDO AW169

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

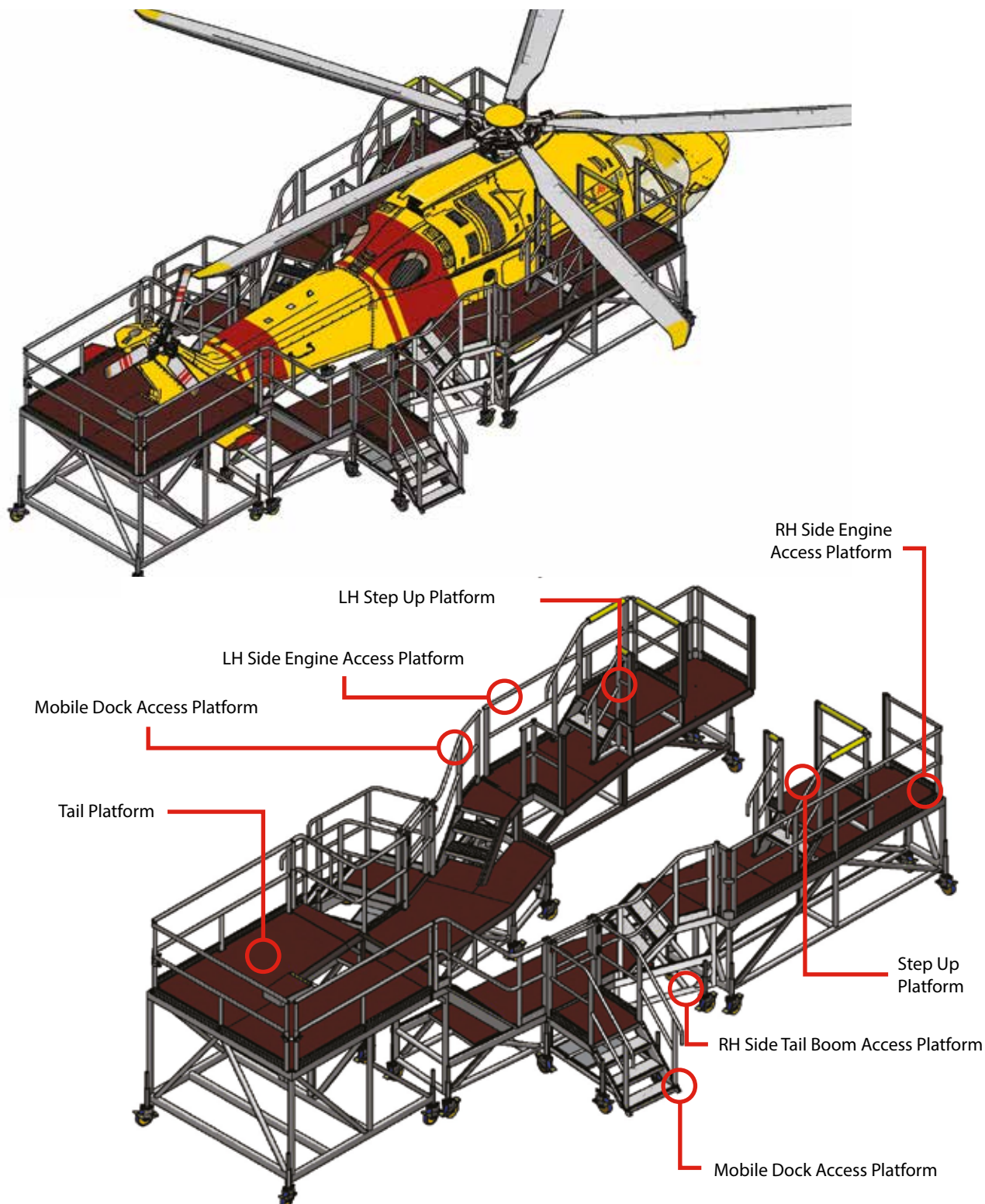




LEONARDO AW169

HELICOPTER DOCKING SYSTEM

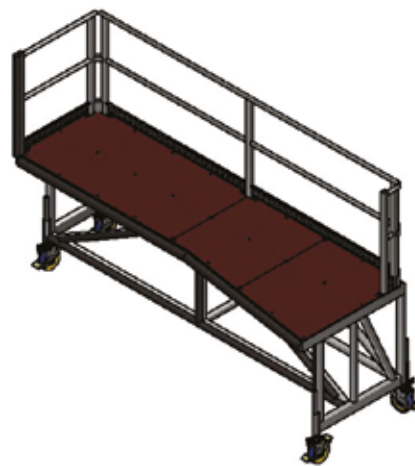
- › Docking modules are independently mobile, allowing fast pack down of the dock for storage and deployment
- › The complete dock allows unrestricted access around the periphery of the Helicopter





LEONARDO AW169

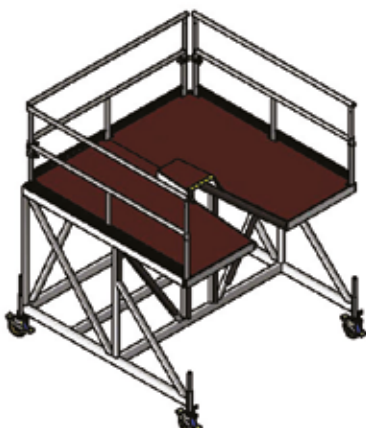
LH & RH SIDE ACCESS PLATFORM



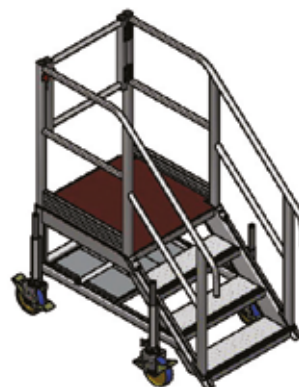
LH & RH TAIL BOOM ACCESS PLATFORM



TAIL ACCESS PLATFORM



MOBILE DOCK ACCESS PLATFORM





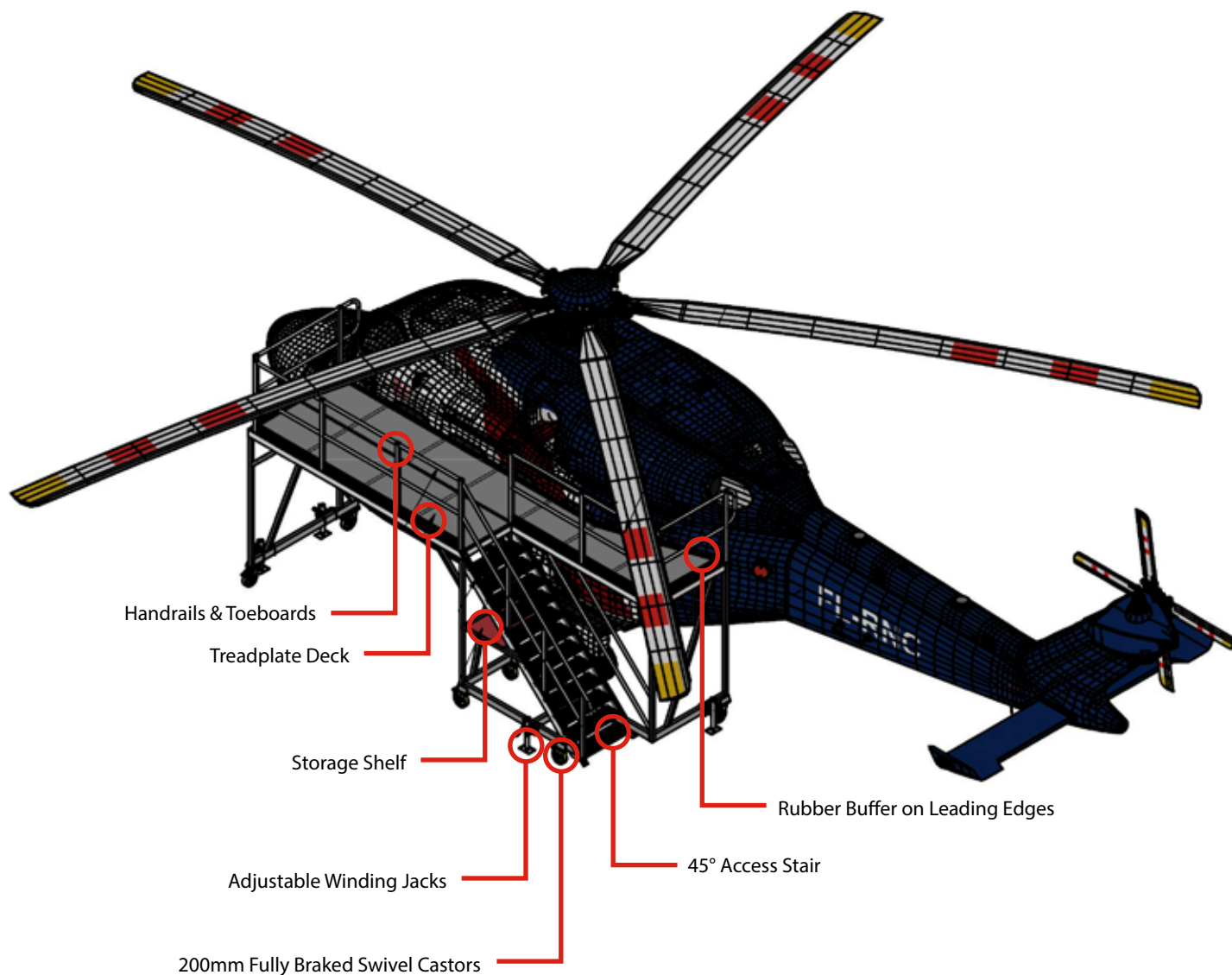
LEONARDO AW189

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

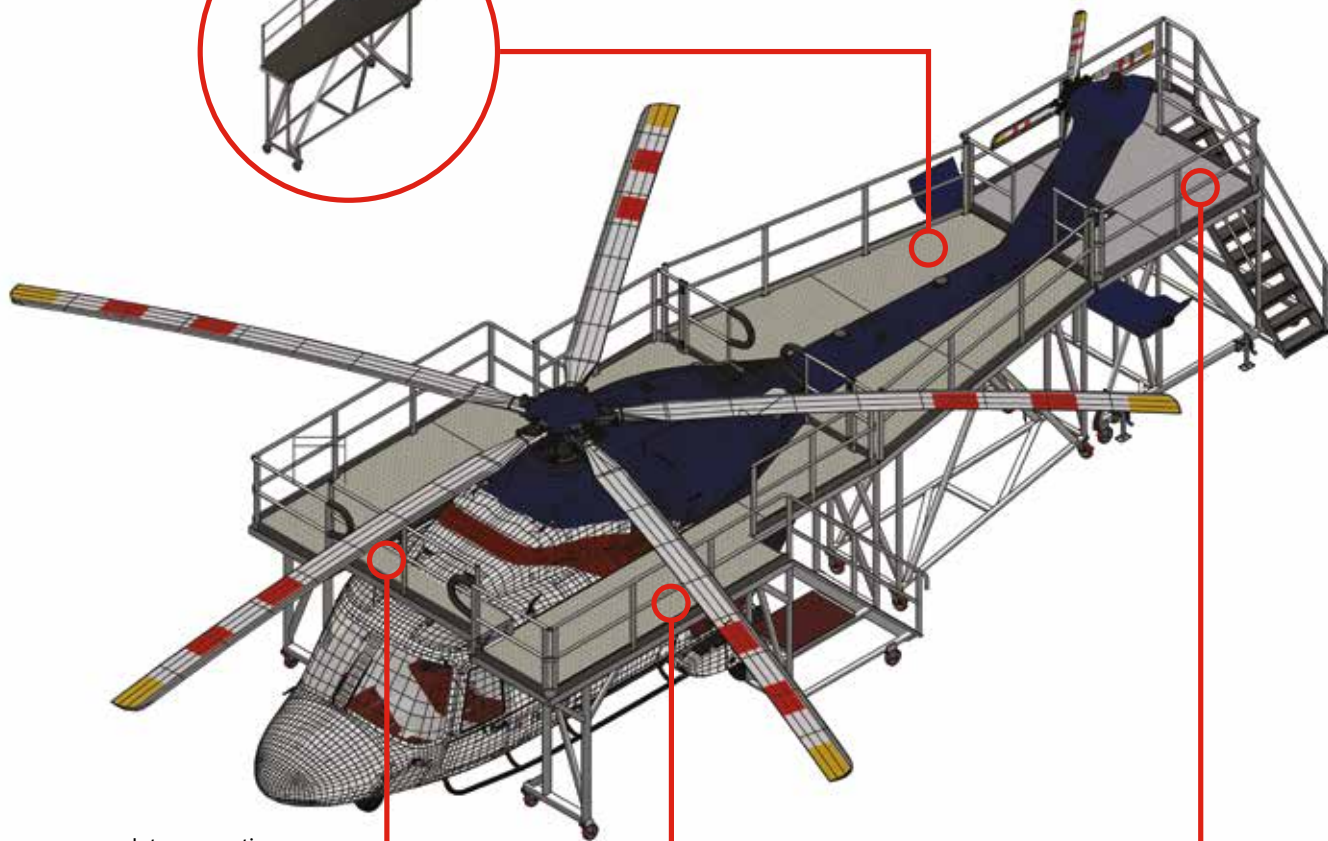
FULL SURROUND DOCKING

- › 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

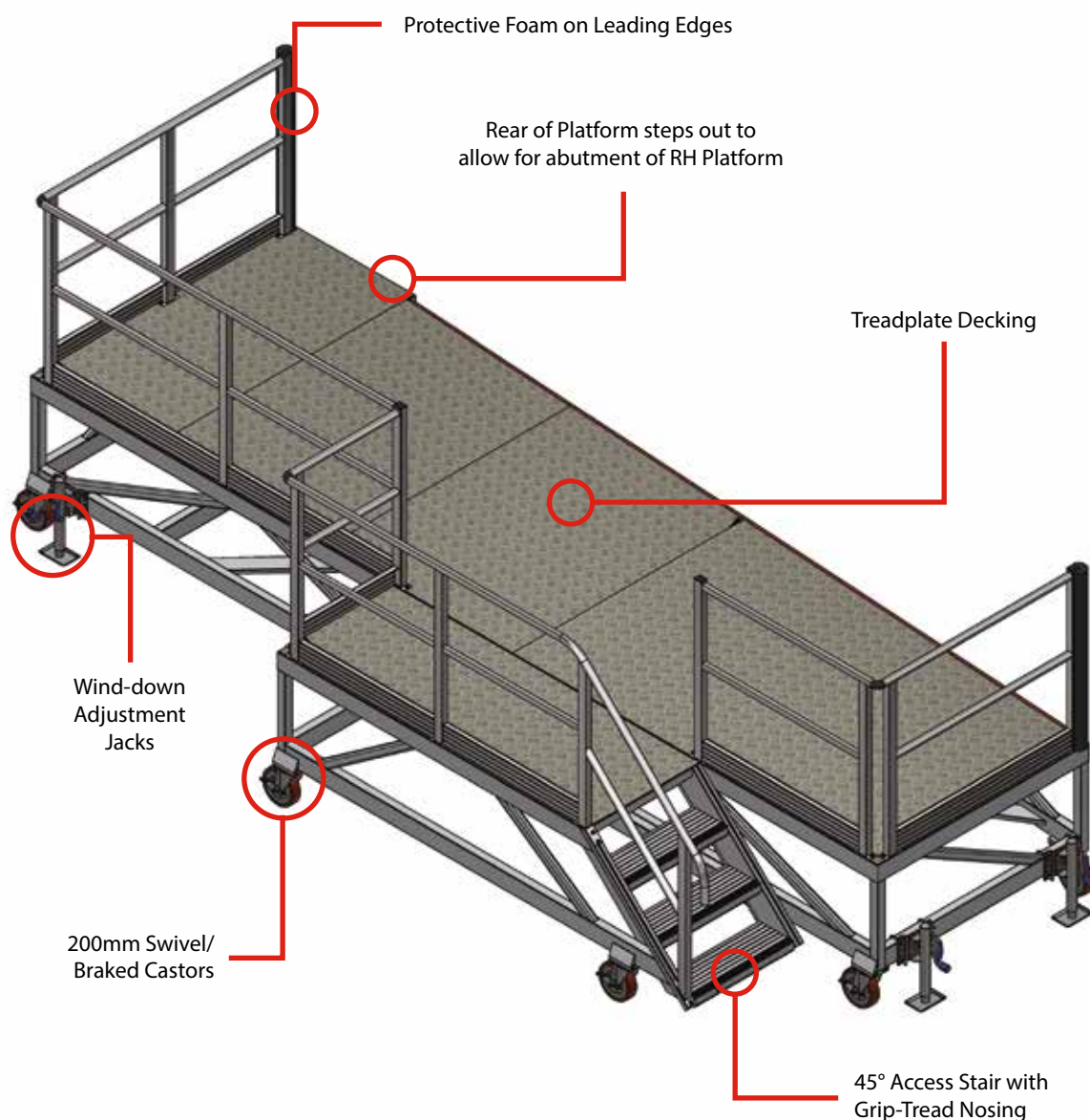




AIRBUS H125

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

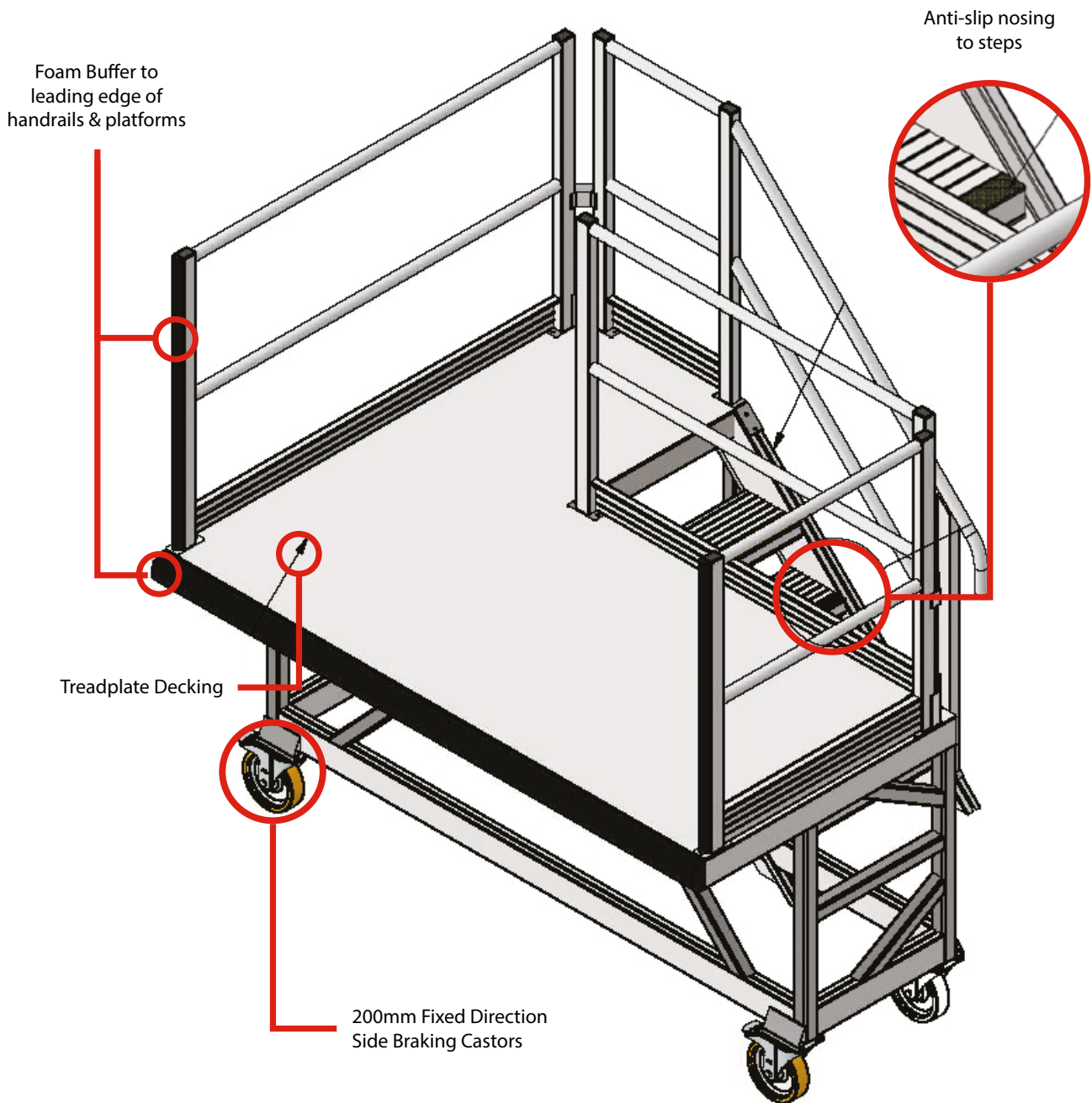




AIRBUS H130

FLIGHT LINE STAND

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





AIRBUS H130

FLIGHT LINE STAND

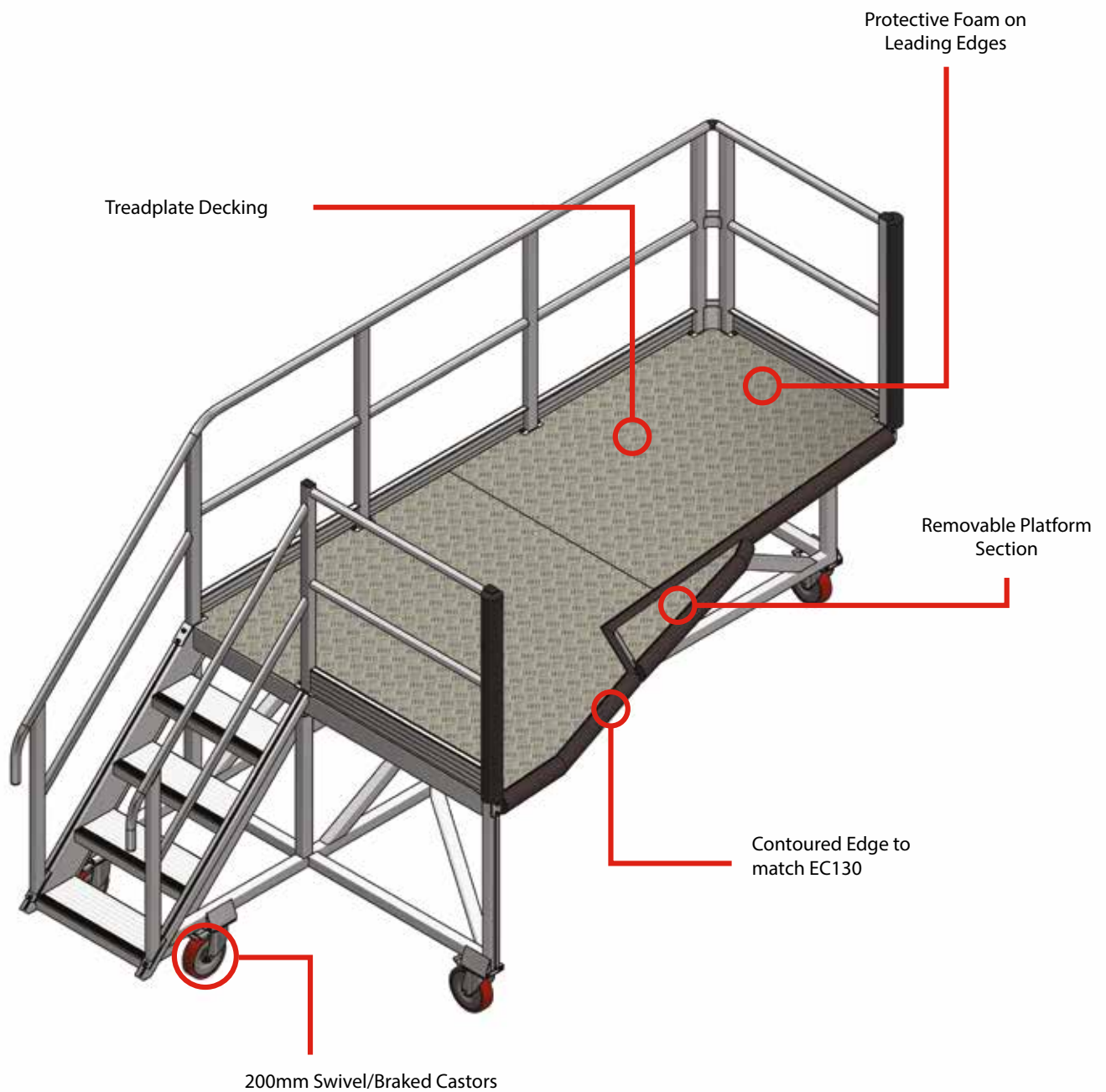




AIRBUS H130

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

PROFIED SIDE ACCESS PLATFORM

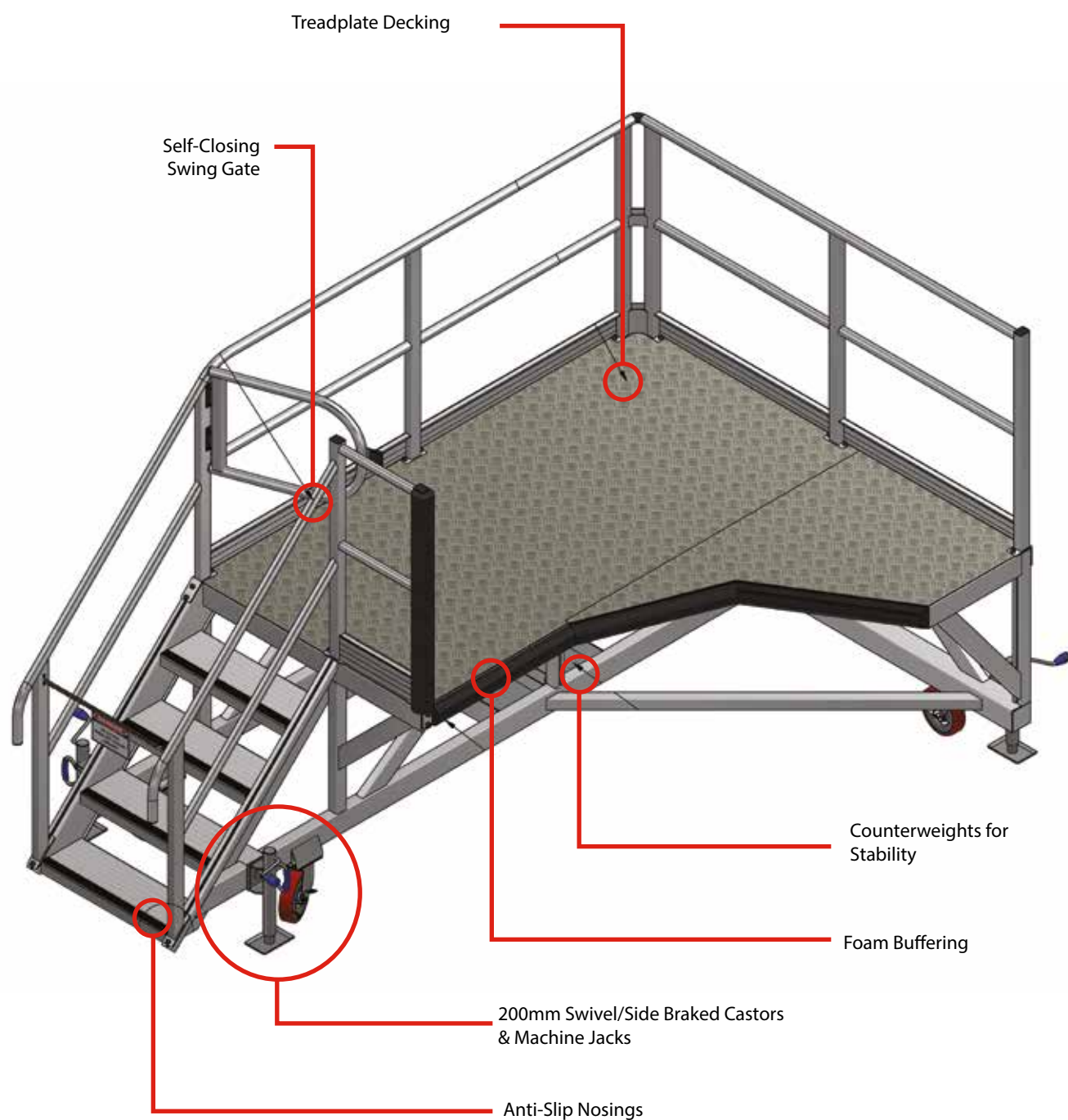




AIRBUS H135

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

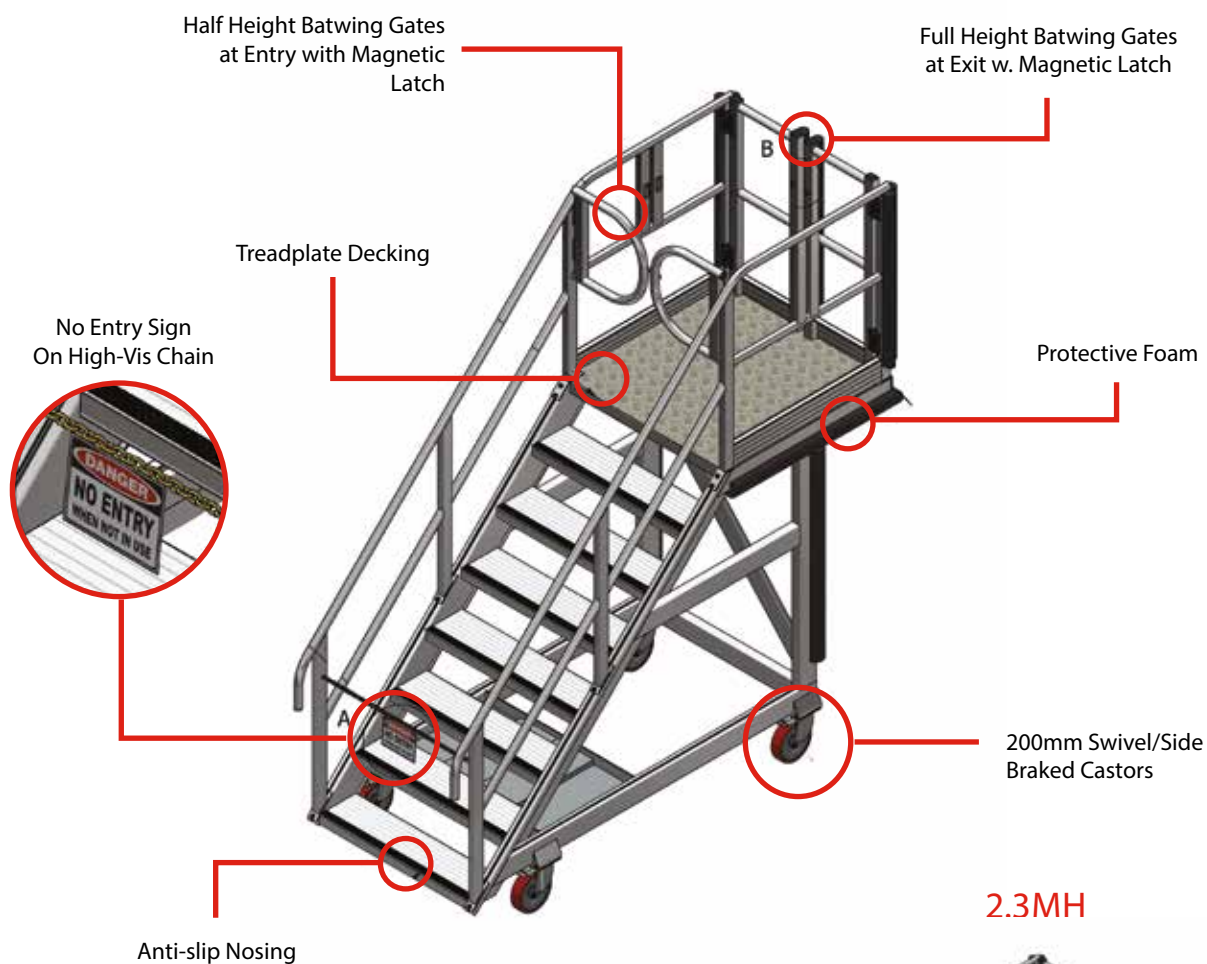




AIRBUS H135

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.



2.3MH

0.95MH





AIRBUS H135

GENERAL PURPOSE STAND

0.95MH ON H135



1.7MH ON H135



2.3MH ON H135

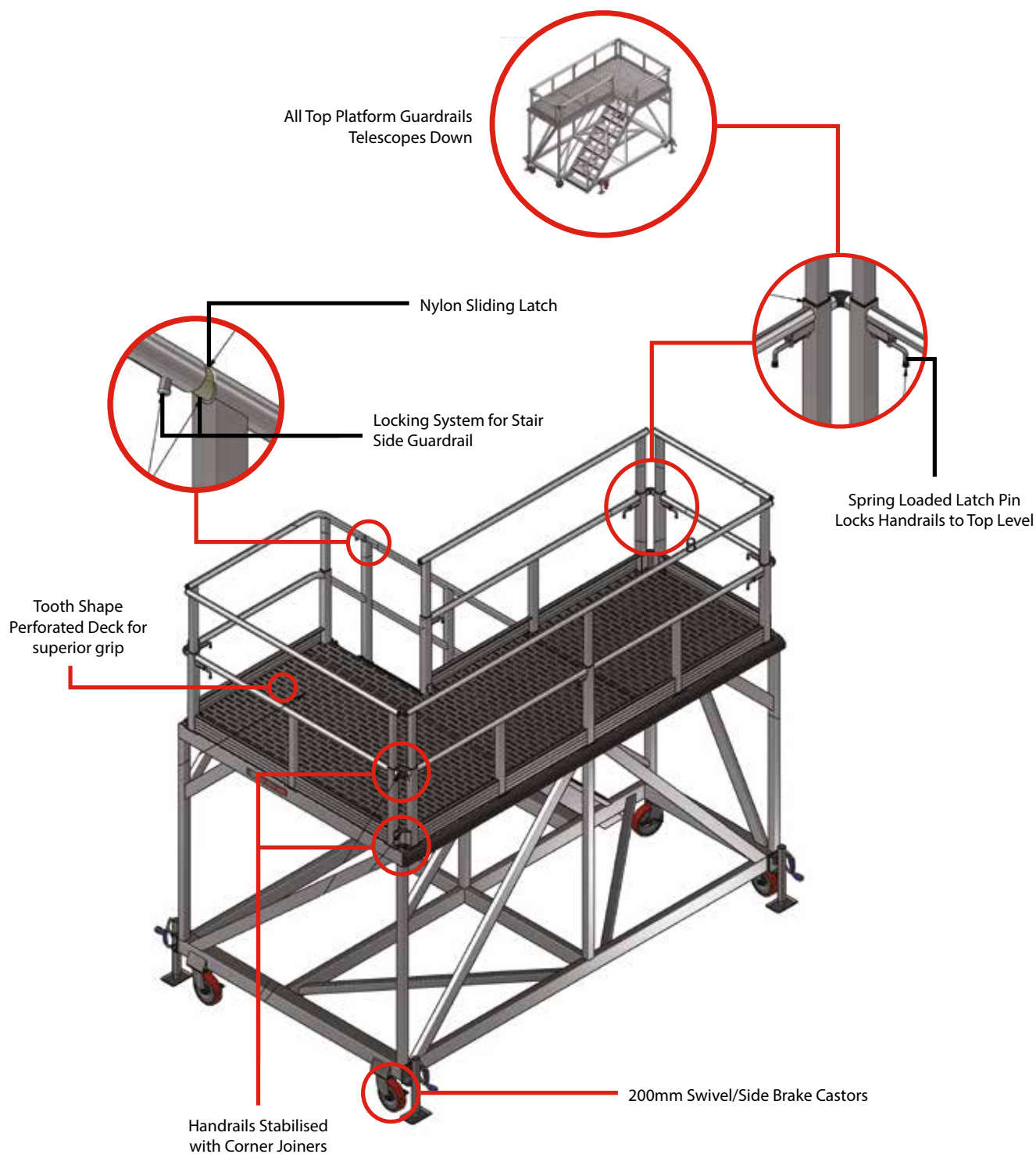




AIRBUS H135

BLADE WASH PLATFORM

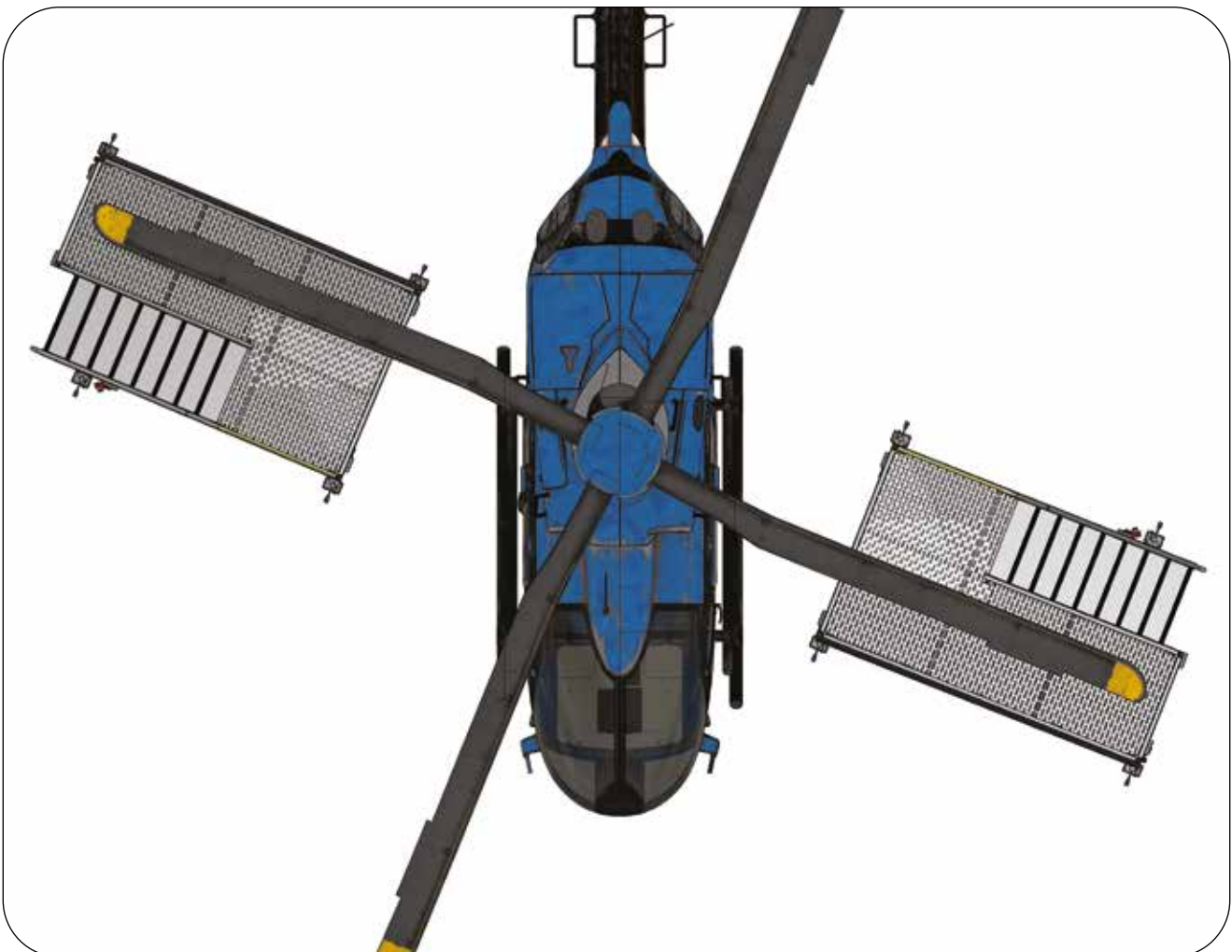
- › Provides access to the main tail rotor for cleaning.
- › Telescopic guardrails slide down to midrail height, ensuring no clash with the blades when positioning the stands for use.





AIRBUS H135

TAIL BOOM REAR ROTOR STAND

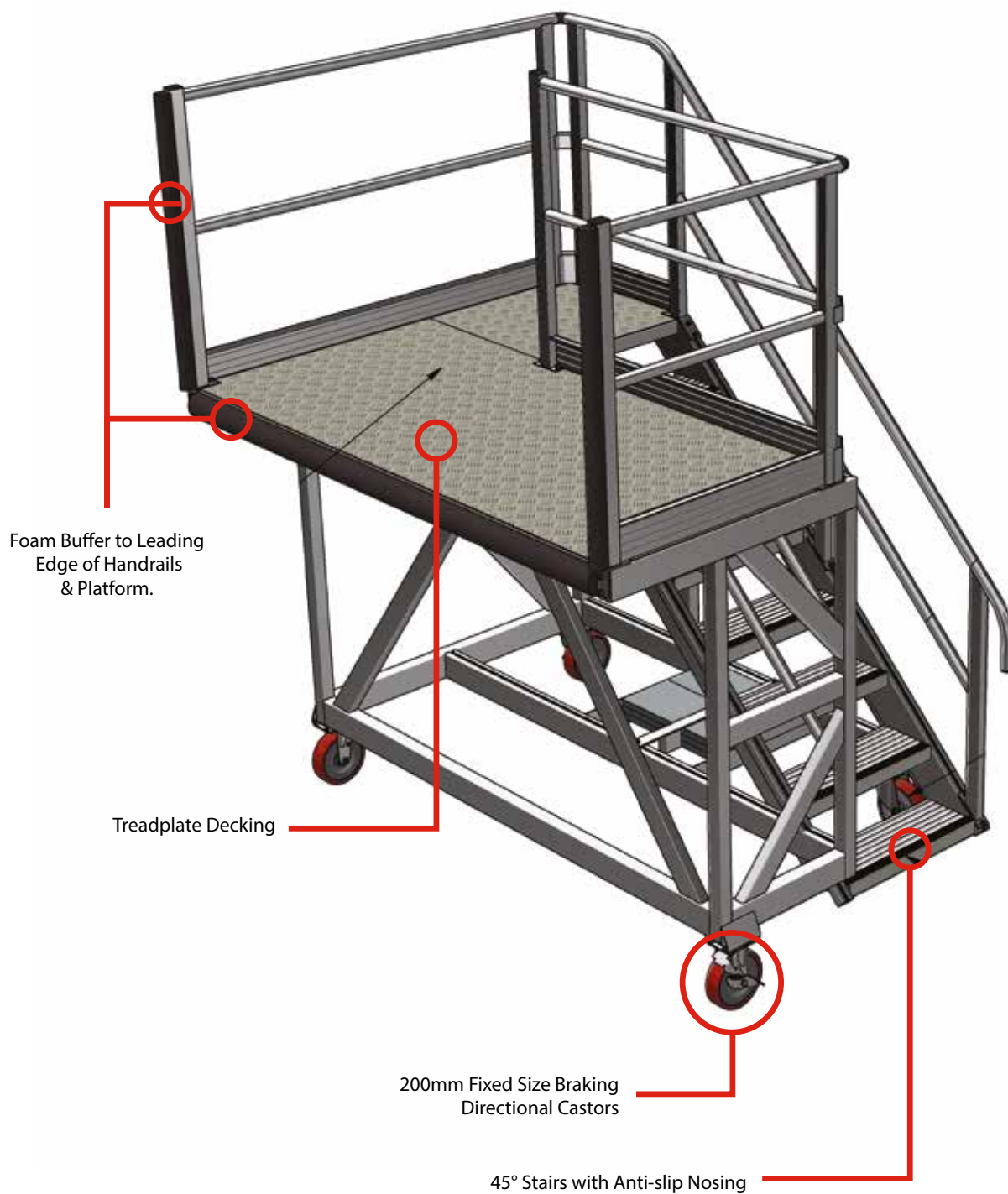




AIRBUS H145

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

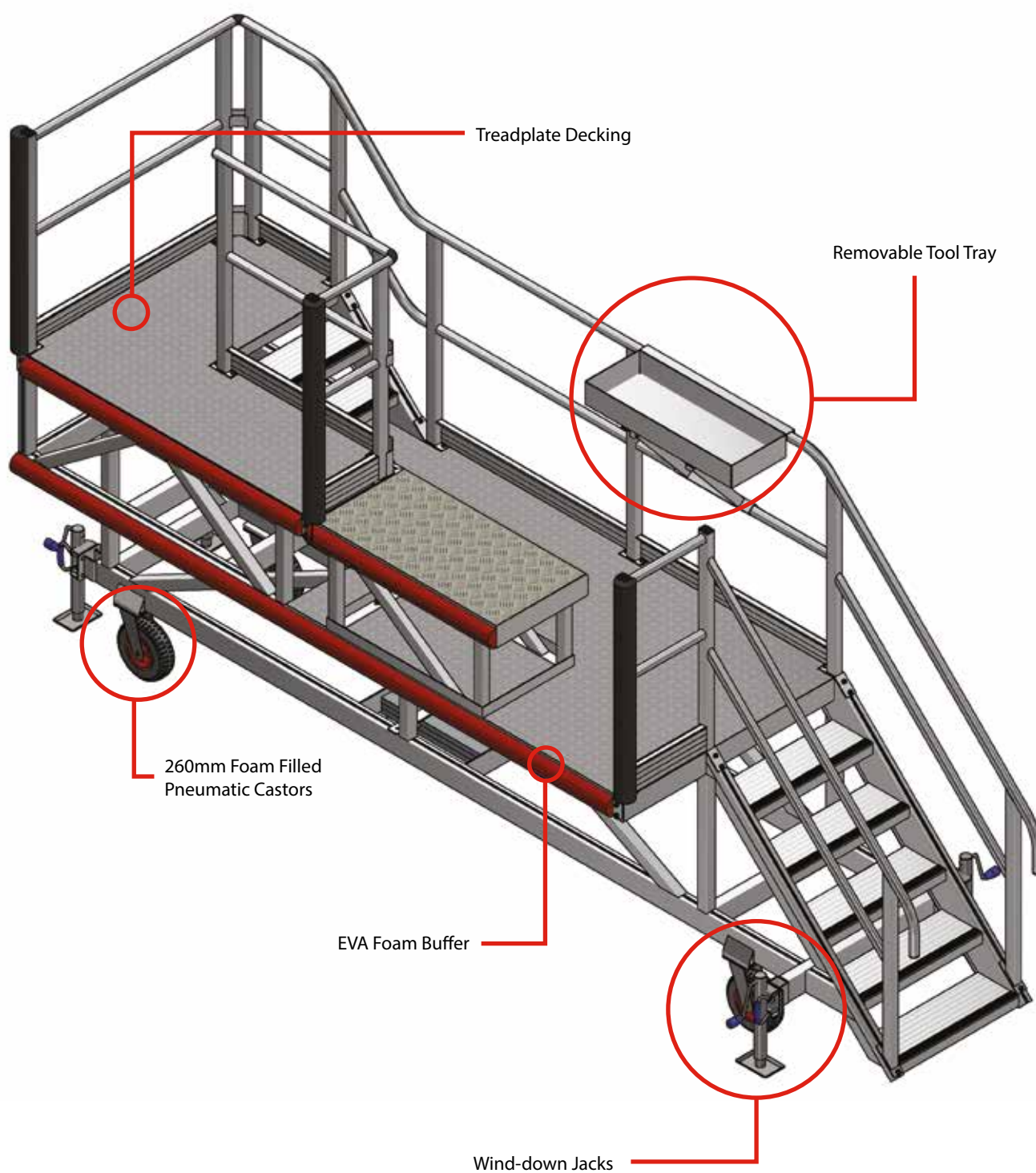




AIRBUS H145

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

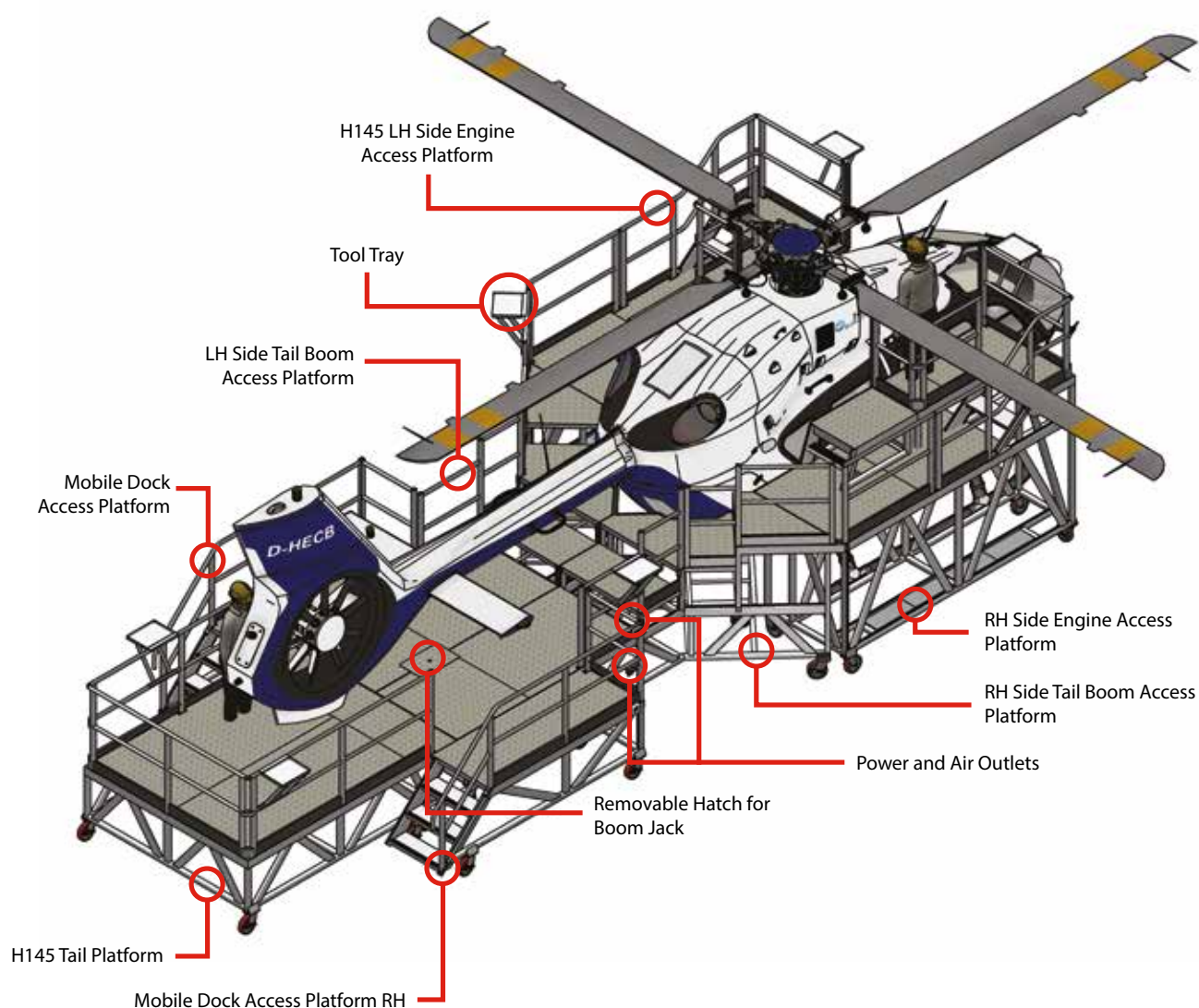




AIRBUS H145

FULL SURROUND DOCK

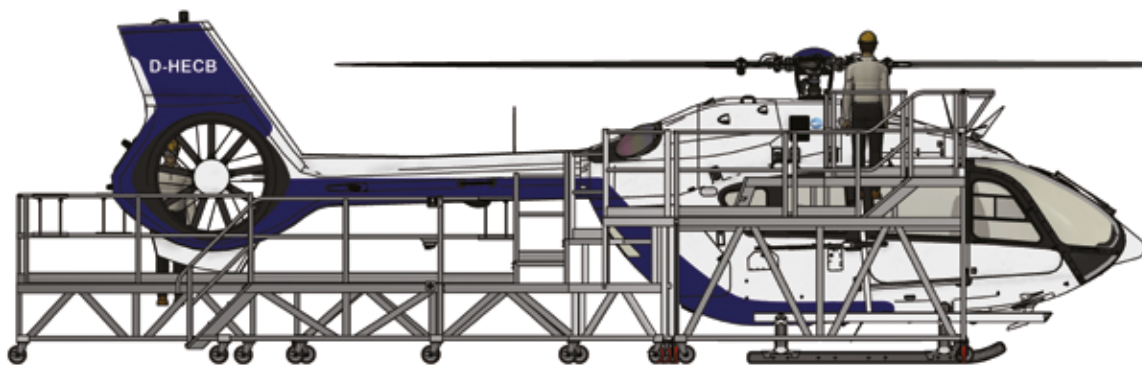
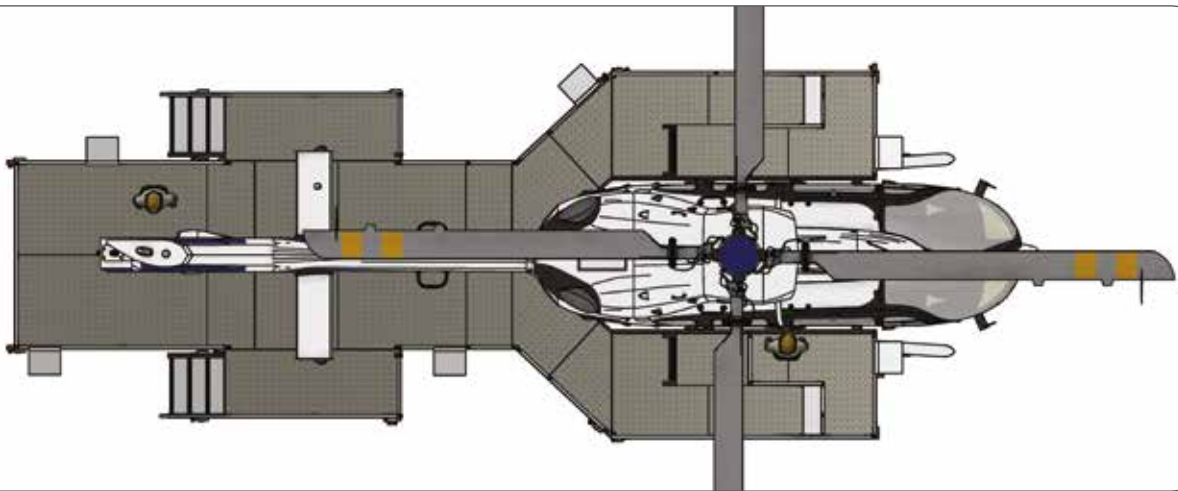
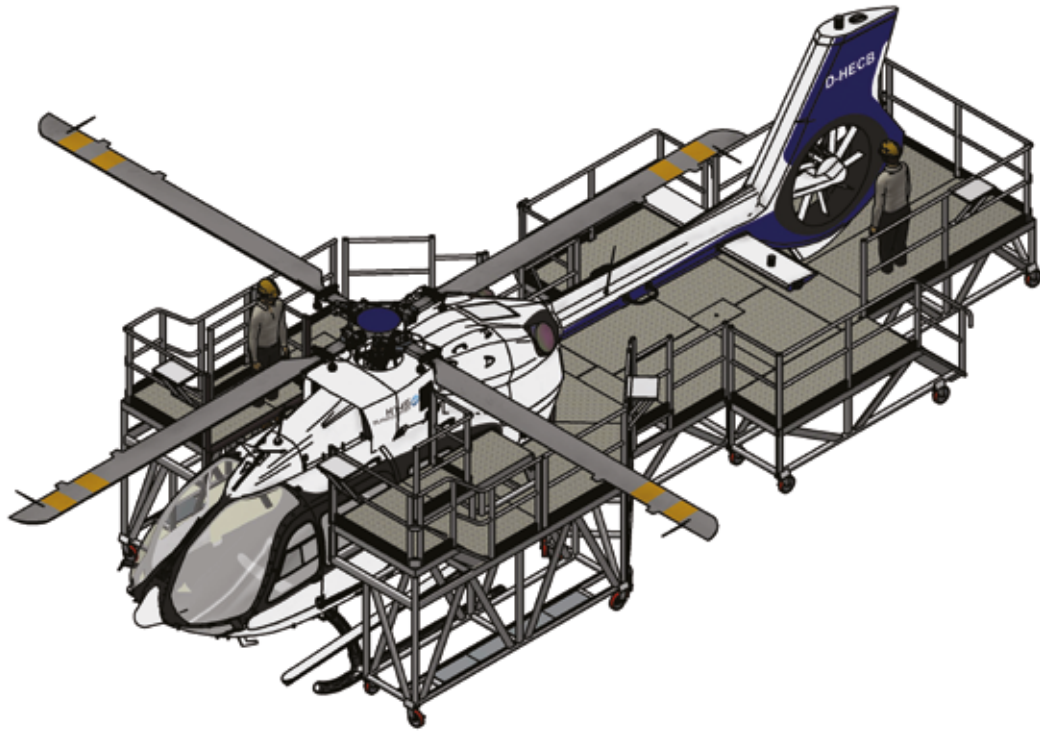
- › Complete dock set, allows uninterrupted access to all maintenance areas at height on the aircraft.
- › Comes with options for power outlets, compressed air outlets and laptop stands.
- › Stair access allows easy access across the dock, between areas of maintenance.





AIRBUS H145

FULL SURROUND DOCK

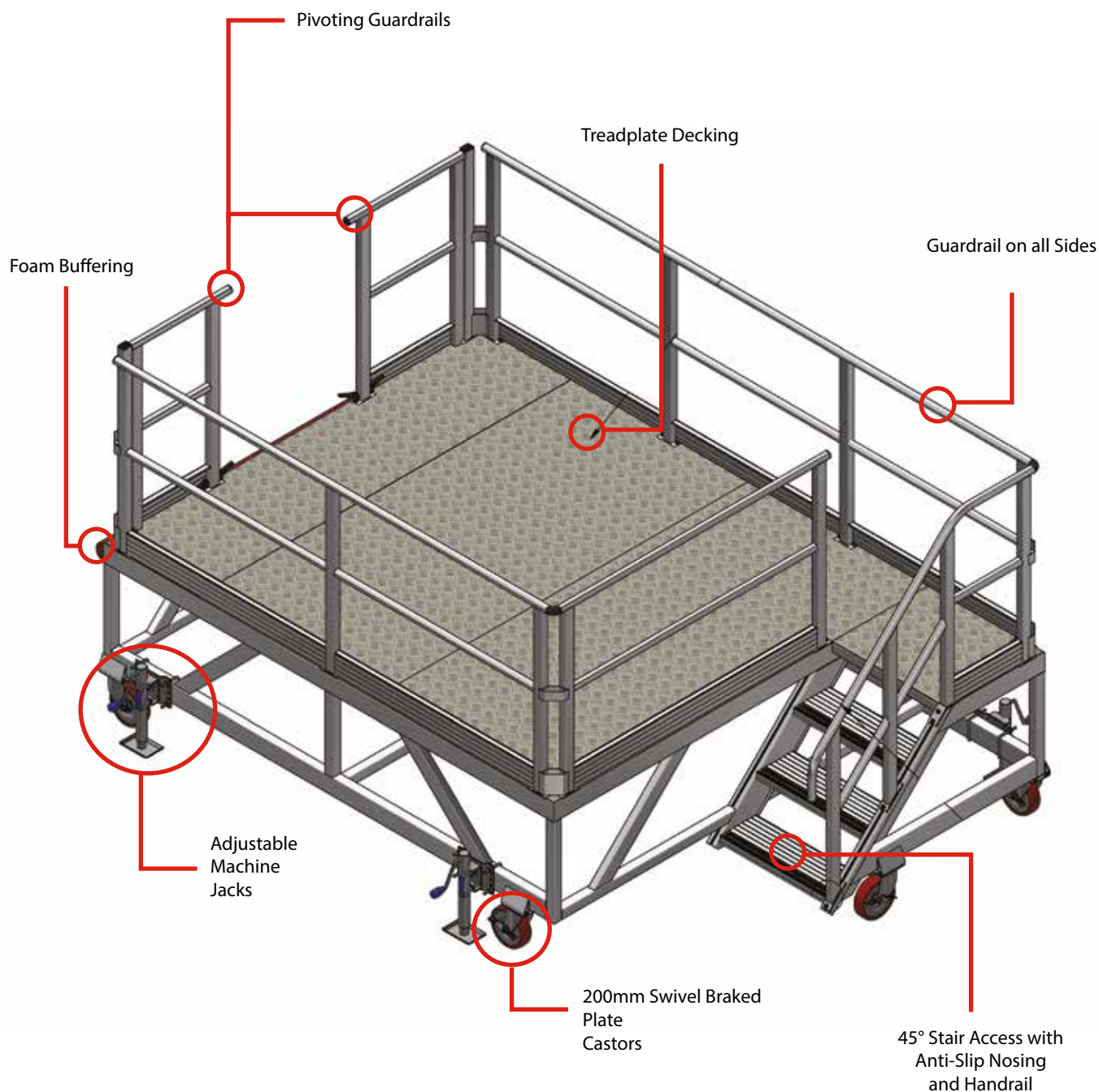




AIRBUS H145

TAIL ACCESS STAND

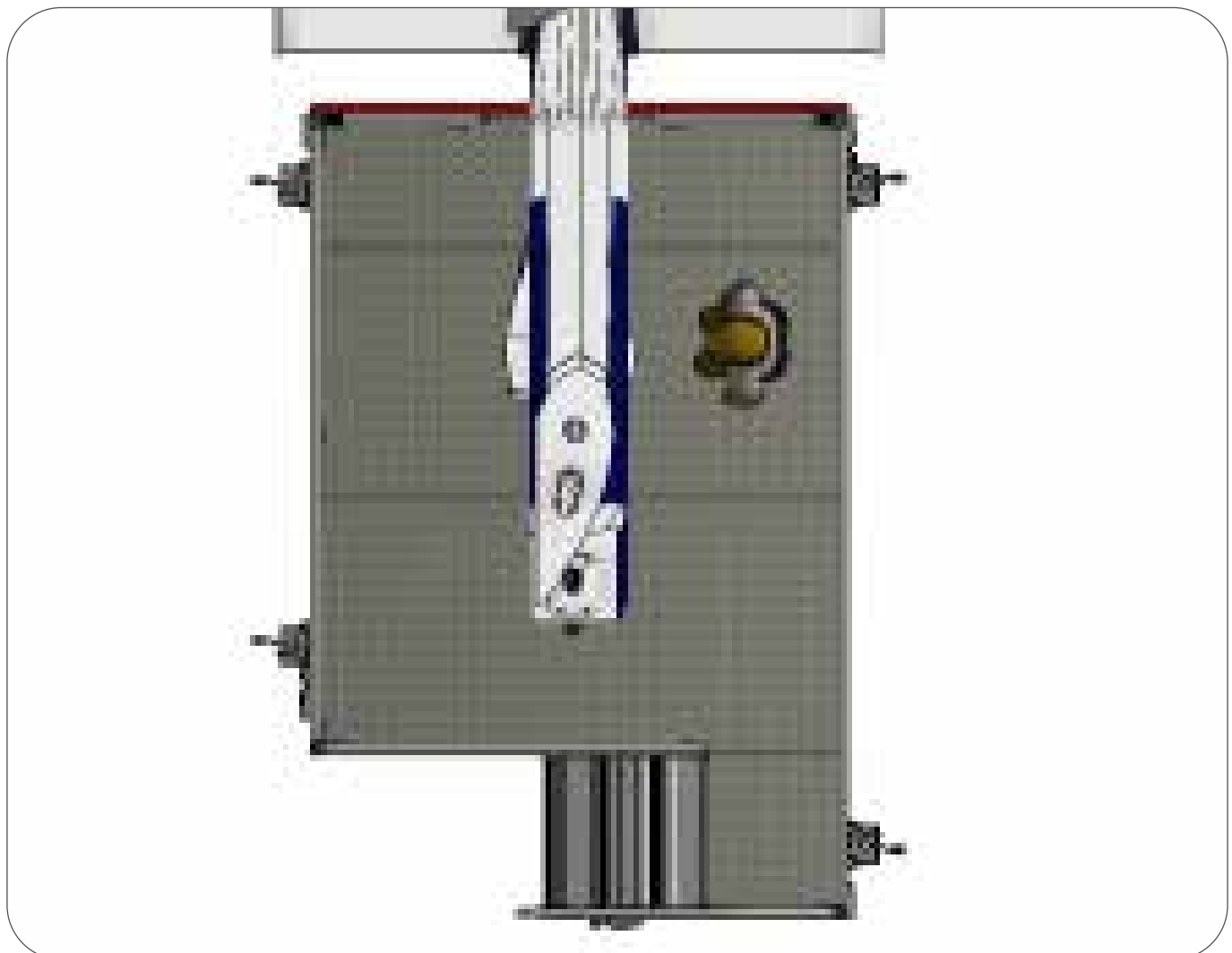
- › Extra large platform deck allows access to the complete tail, including the fenestron and lights on the top of the tail.
- › Mobile on castors allowing easy manoeuvring around the Hangar.
- › Pivoting guardrails on the leading edge of the platform allows easy placement and close the gap to the aircraft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





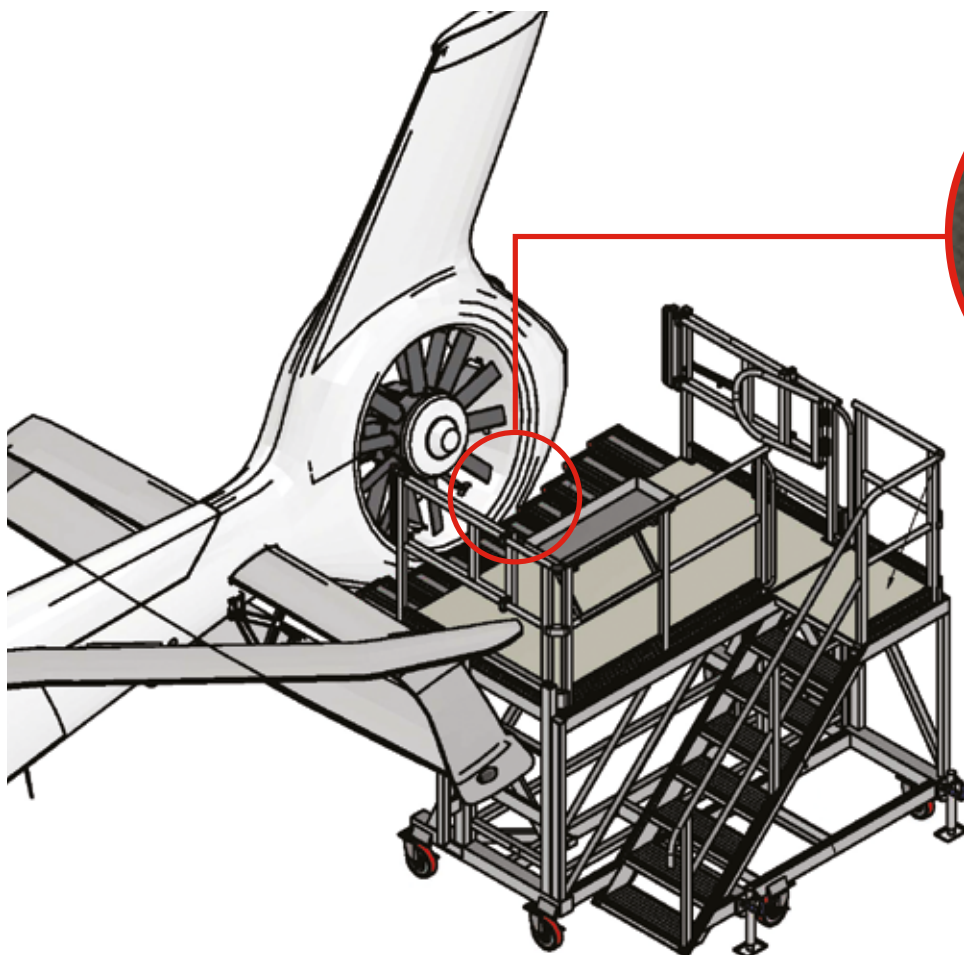
AIRBUS H160

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



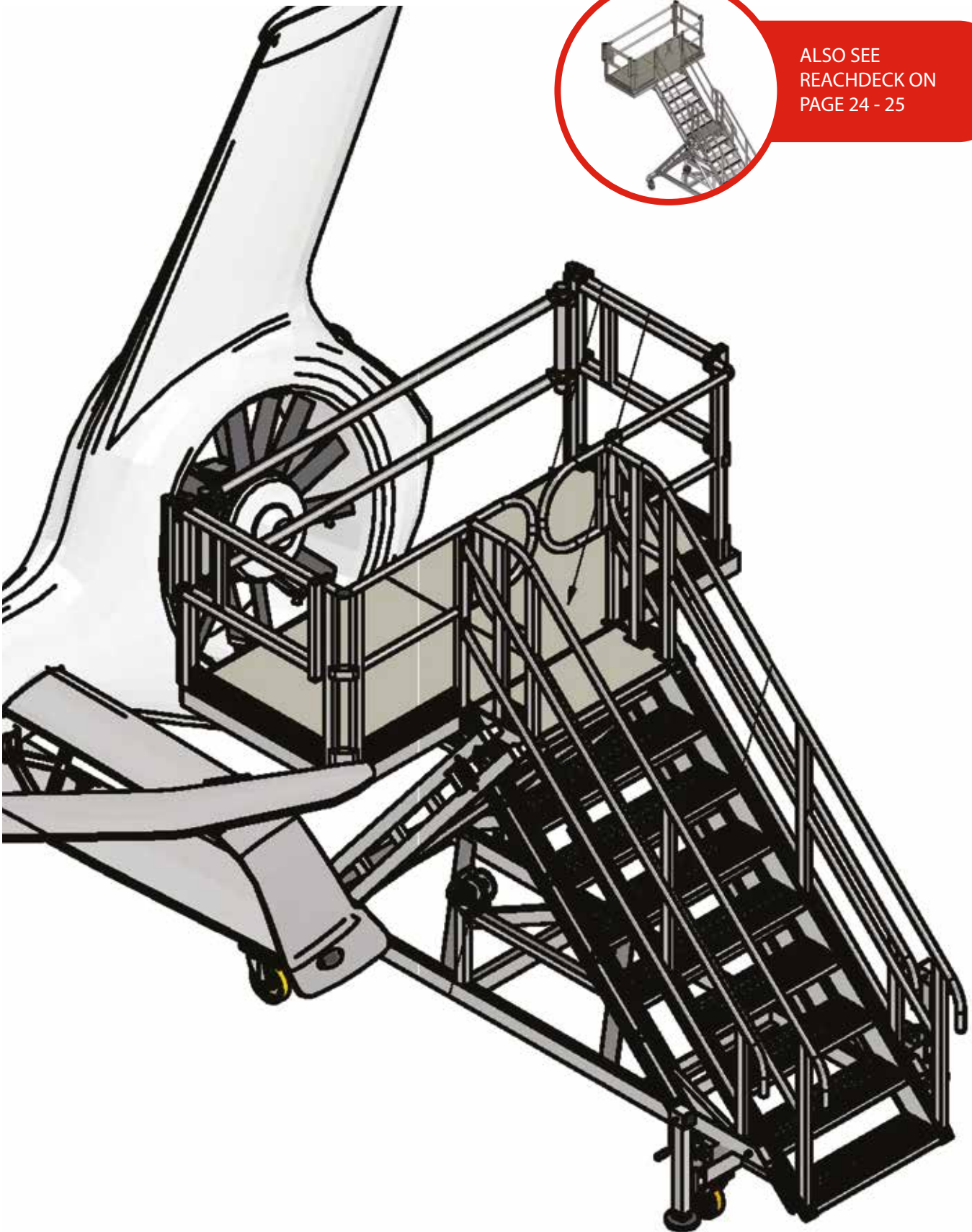


AIRBUS H160

GENERAL PURPOSE MAINTENANCE PLATFORM



ALSO SEE
REACHDECK ON
PAGE 24 - 25

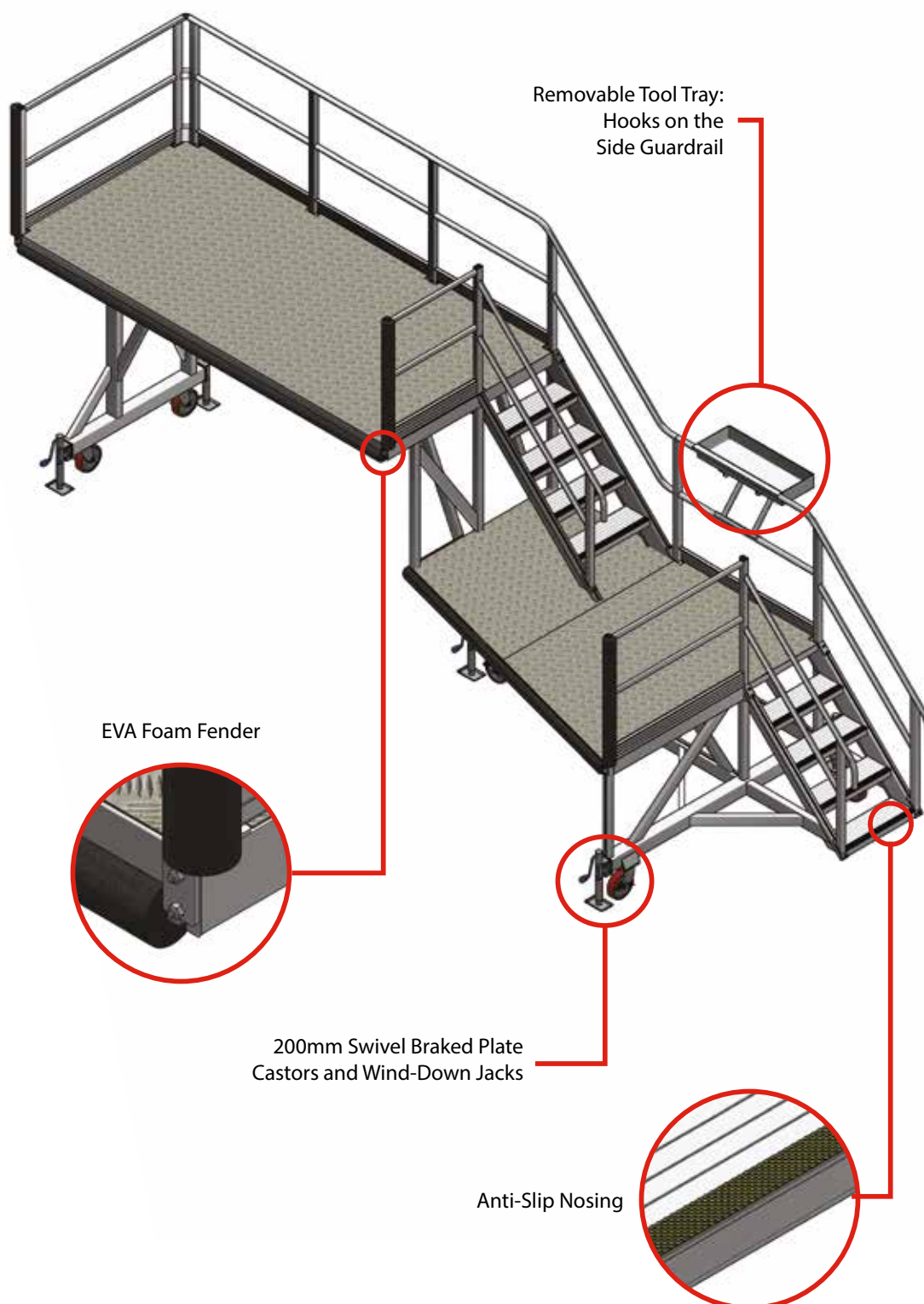




AIRBUS H175

SIDE ACCESS PLATFORMS

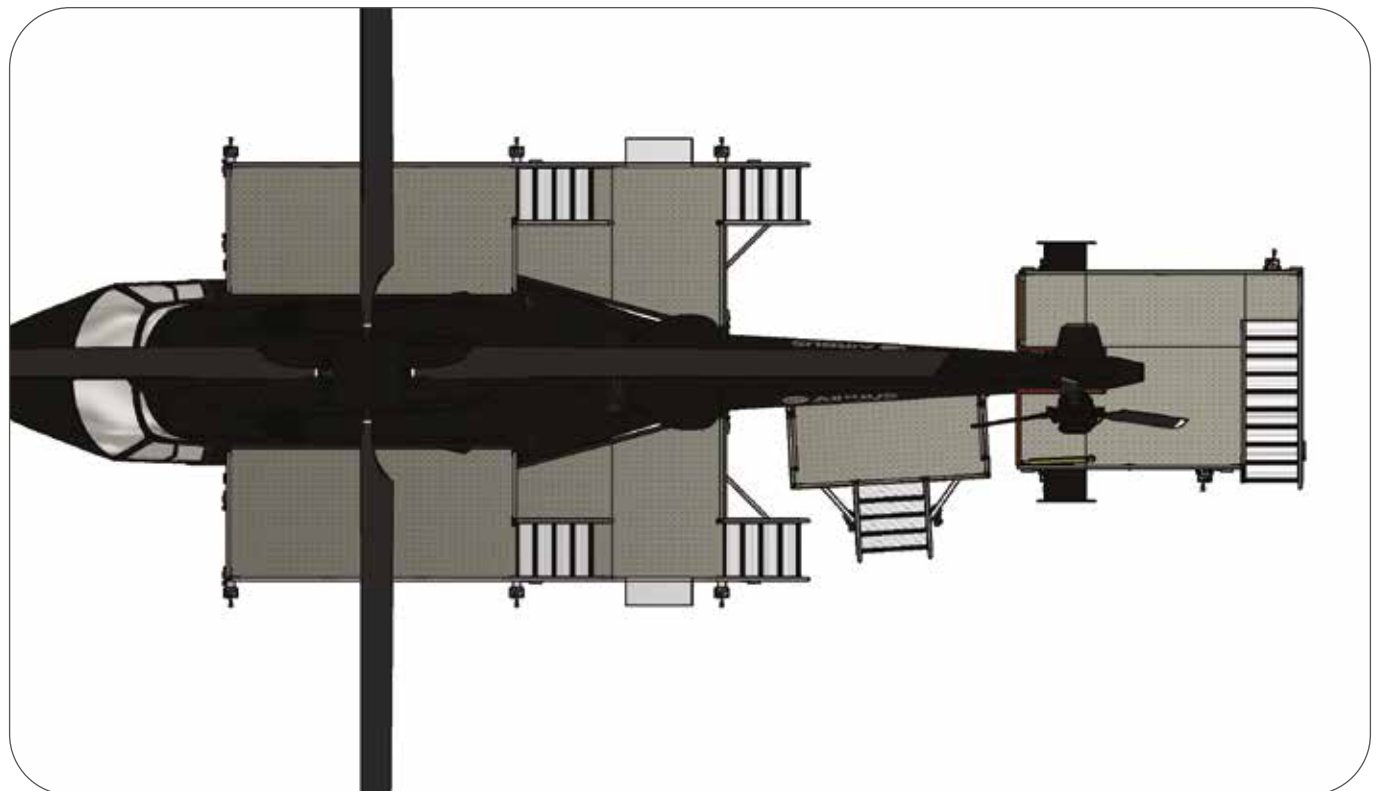
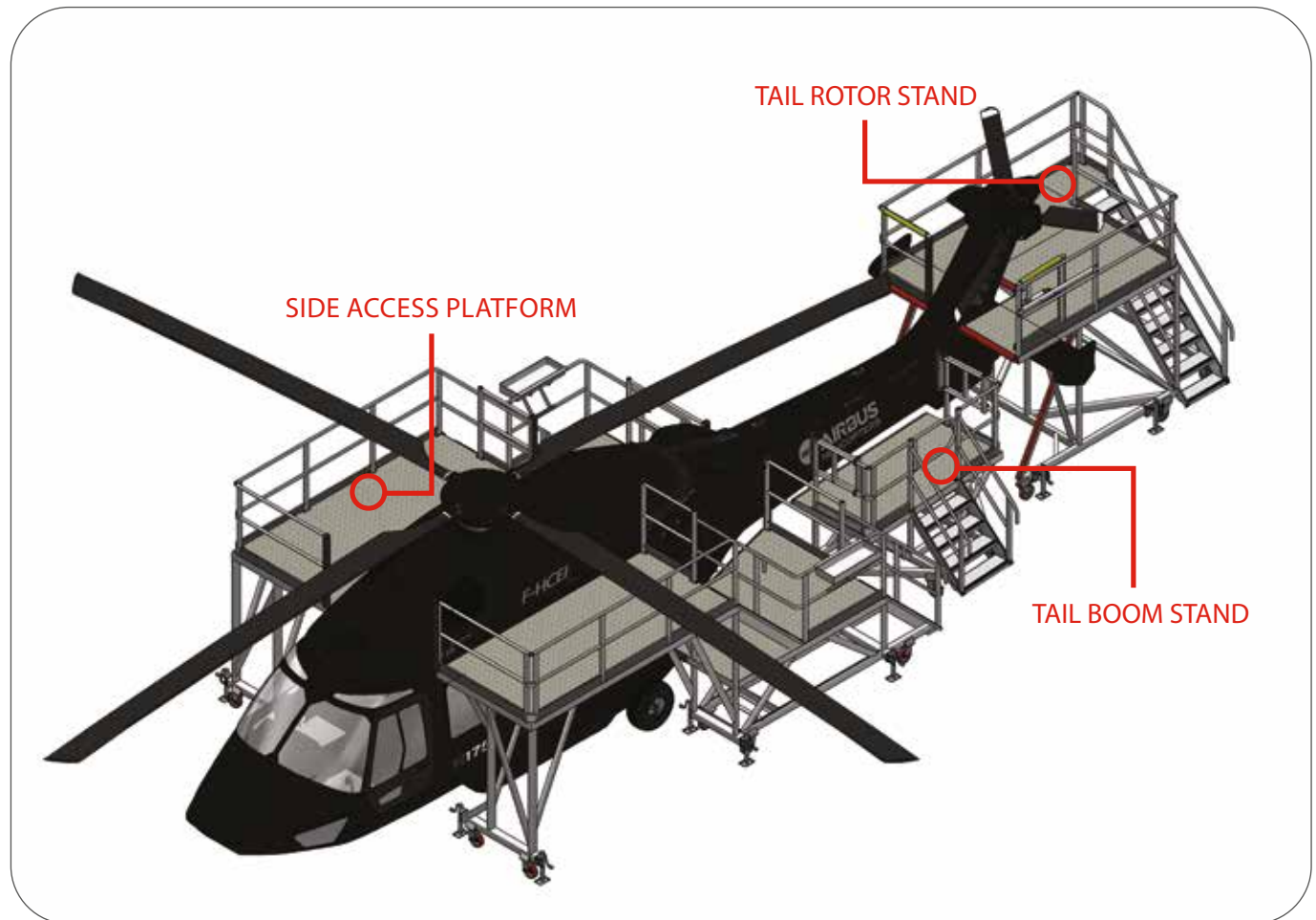
- › Ideal for heavy maintenance, where extra room is required.
- › Dual height provides access to the main rotor and engine area.
- › Stair access allows the user to carry tools to/from the work area.





AIRBUS H175

PLATFORM SET

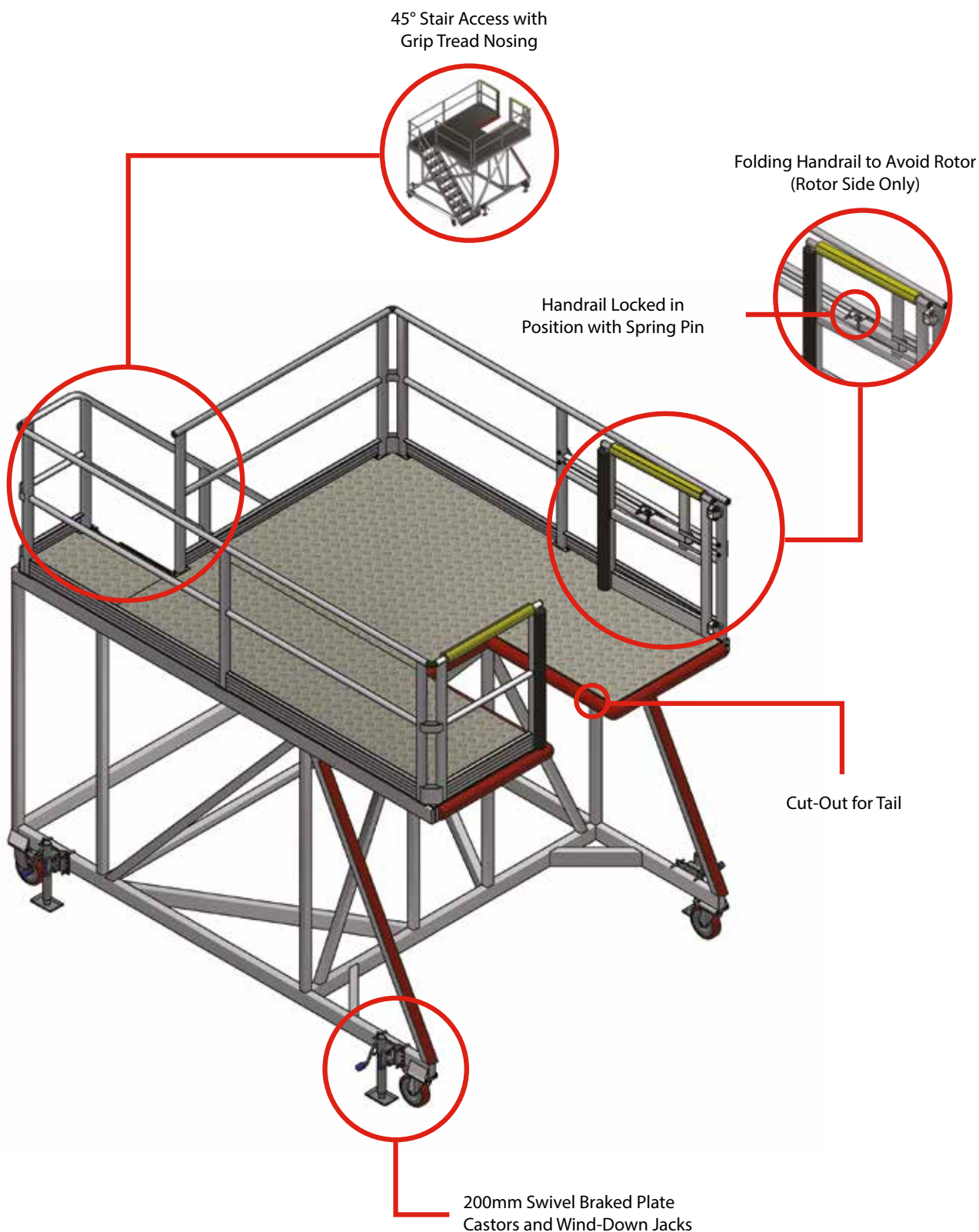




AIRBUS H175

TAIL ACCESS PLATFORM

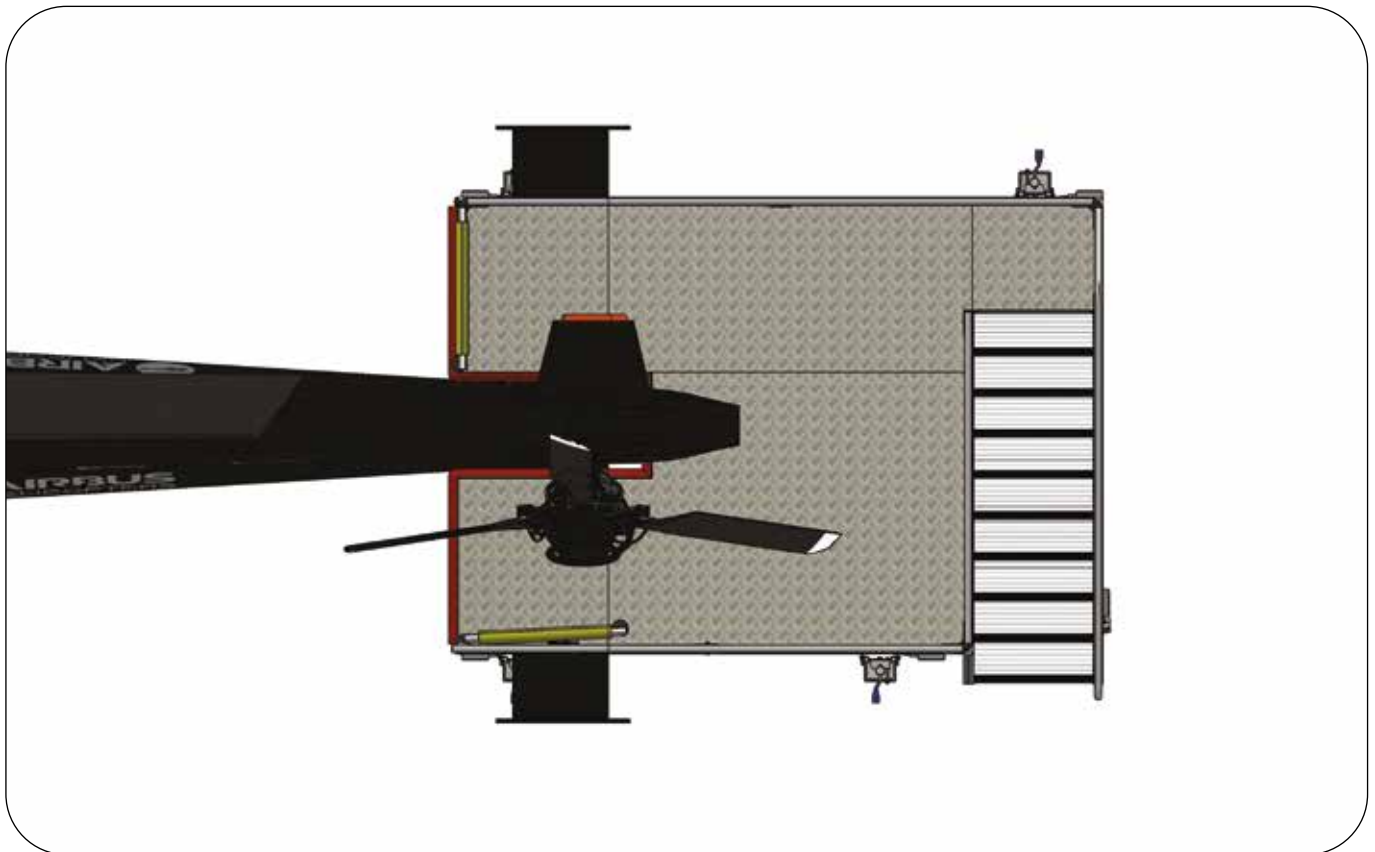
- › Designed to provide complete access to the tail and tail rotor for routine checks and maintenance.
- › Handrails telescope outward on the leading edge to allow the docking to rest against the helicopter without any risk of collision. They then close any gap to the aircraft, eliminating fall risks.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





AIRBUS H175

TAIL ACCESS PLATFORM

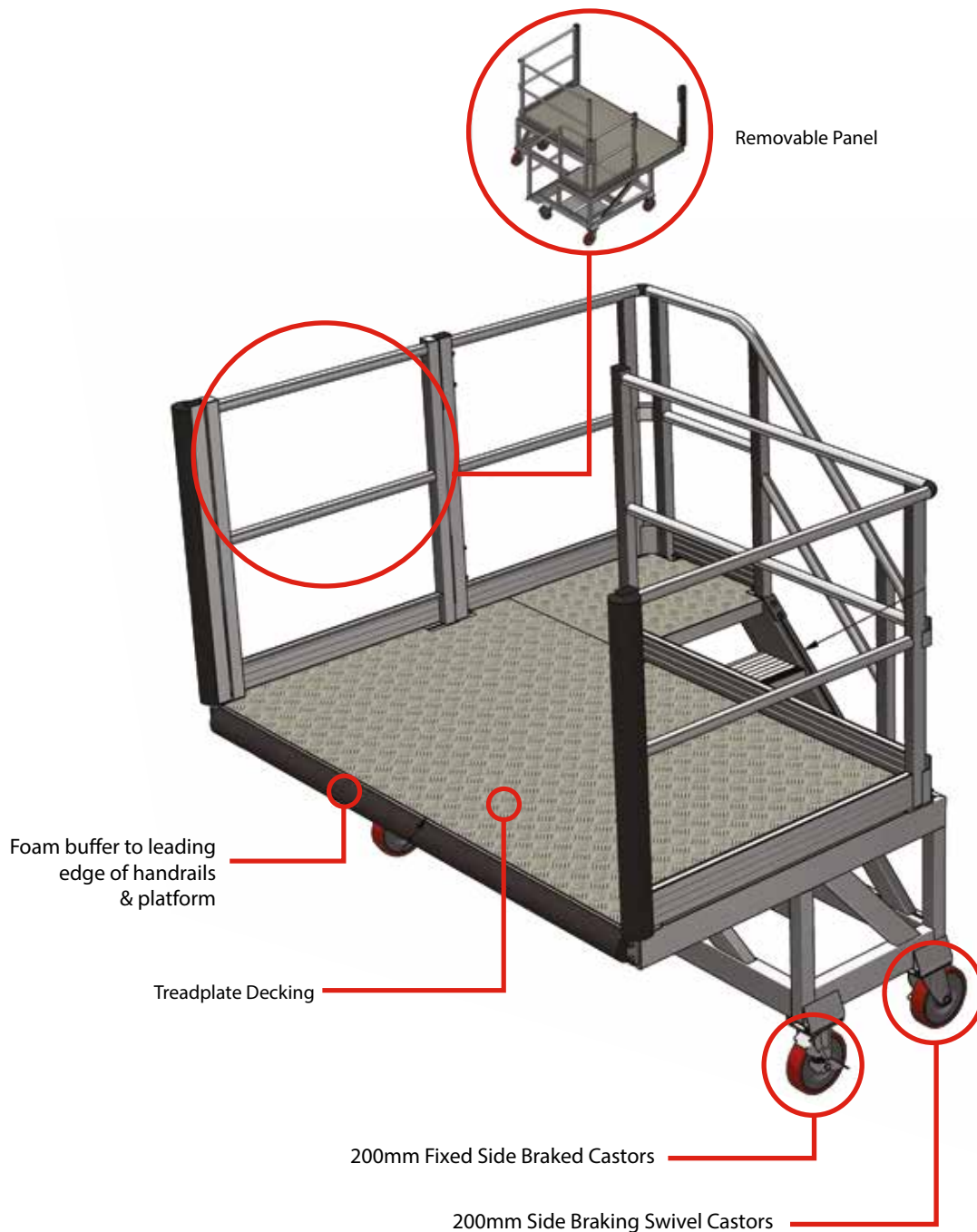




BELL HELICOPTER BELL 206

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.



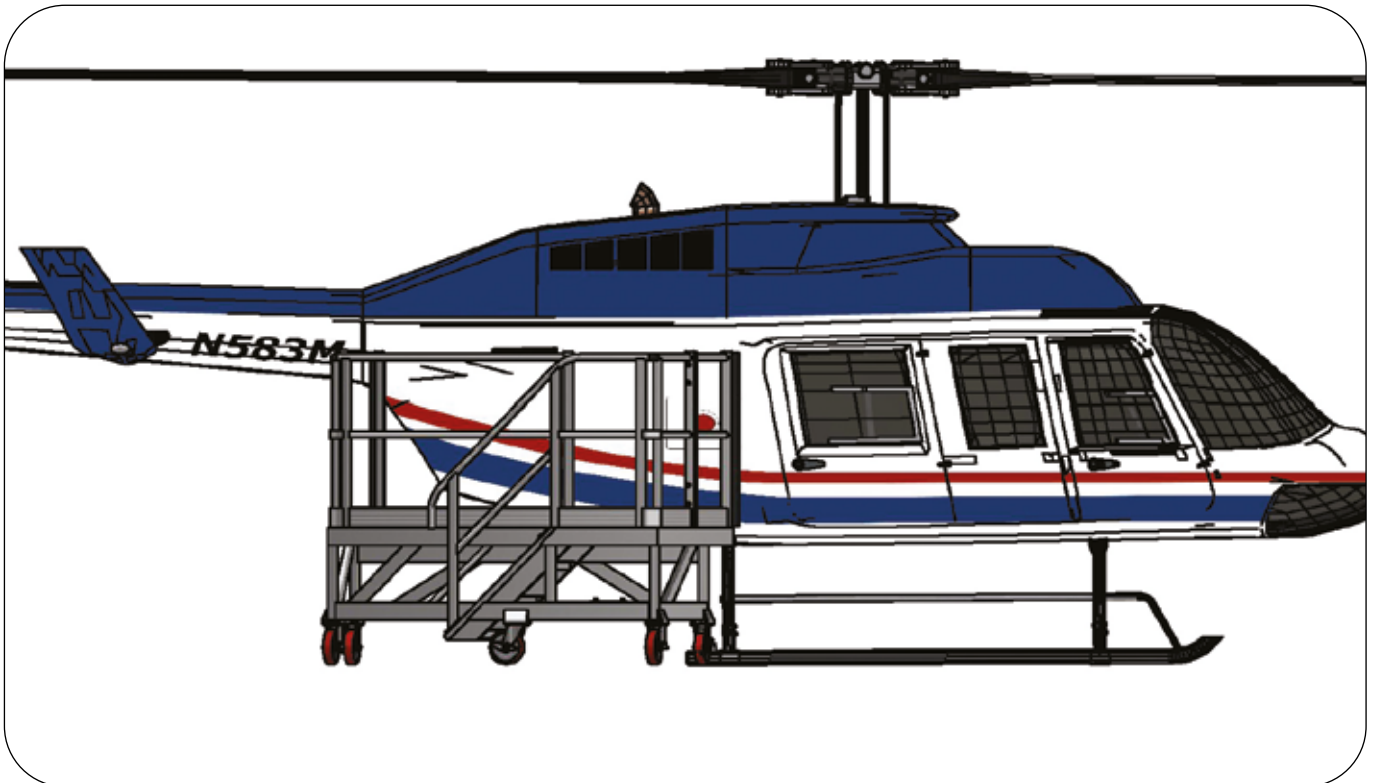


BELL HELICOPTER BELL 206

FLIGHT LINE STAND - LOW VERSION



Note: Stand shown on Bell 206 LongRanger

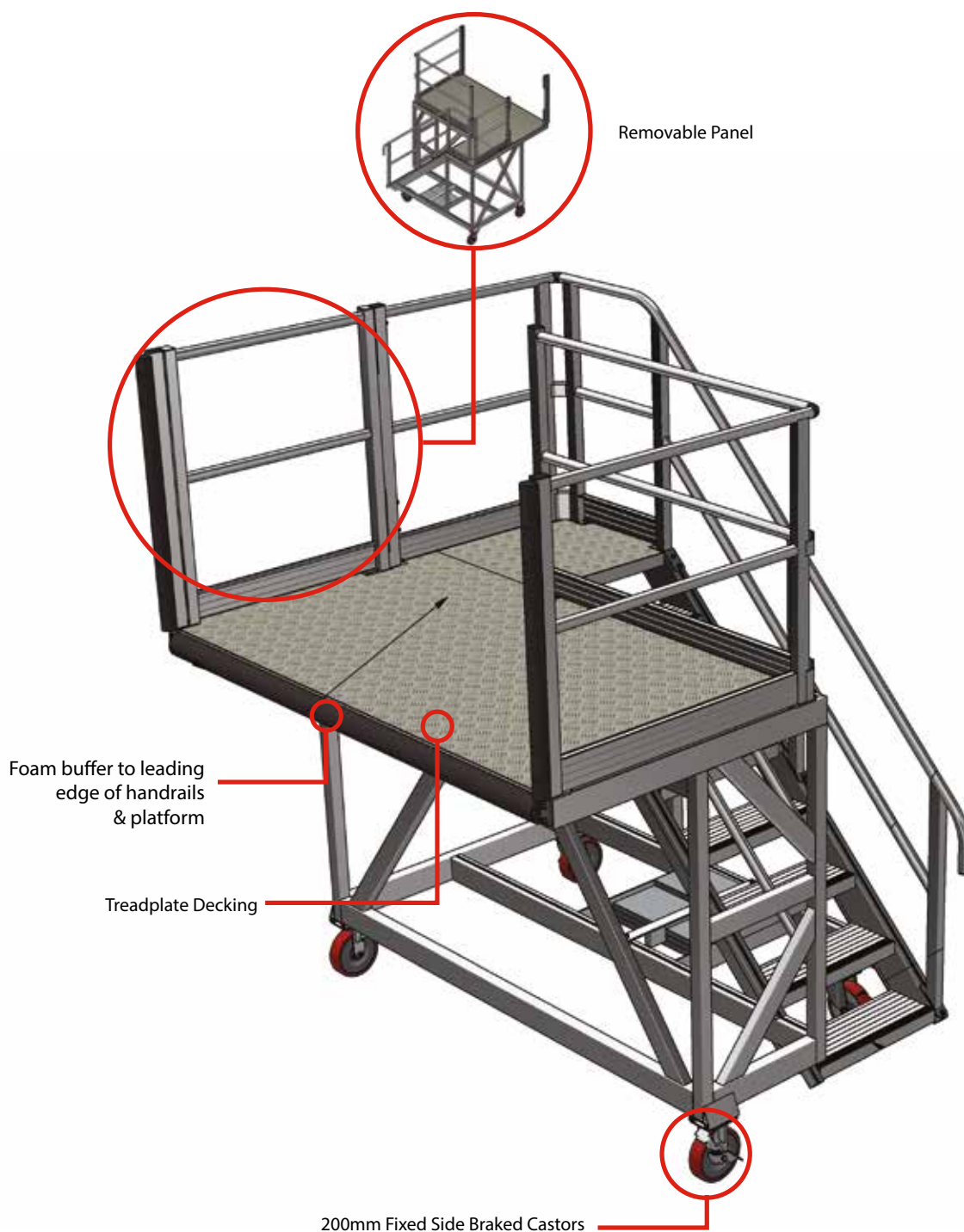




BELL HELICOPTER BELL 206

FLIGHT LINE STAND - HIGH VERSION

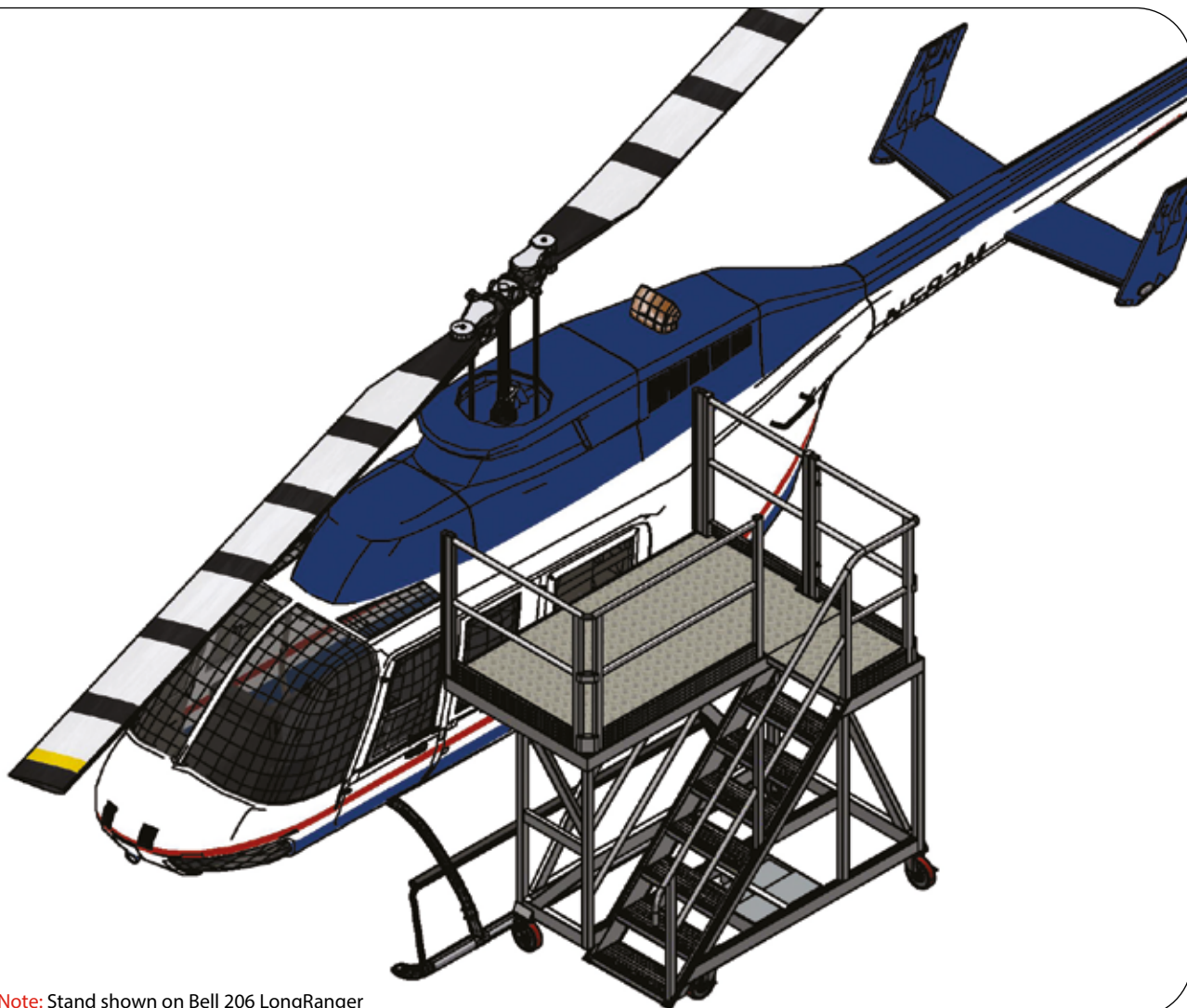
- › Compact but spacious stand provides access to the engine bay area for both line maintenance and heavier checks.
- › Mobile on wheels allowing easy placement against the aircraft, and storage.
- › Large cantilever, keeps the platform clear of the Helicopter skids and get the user right into the work 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

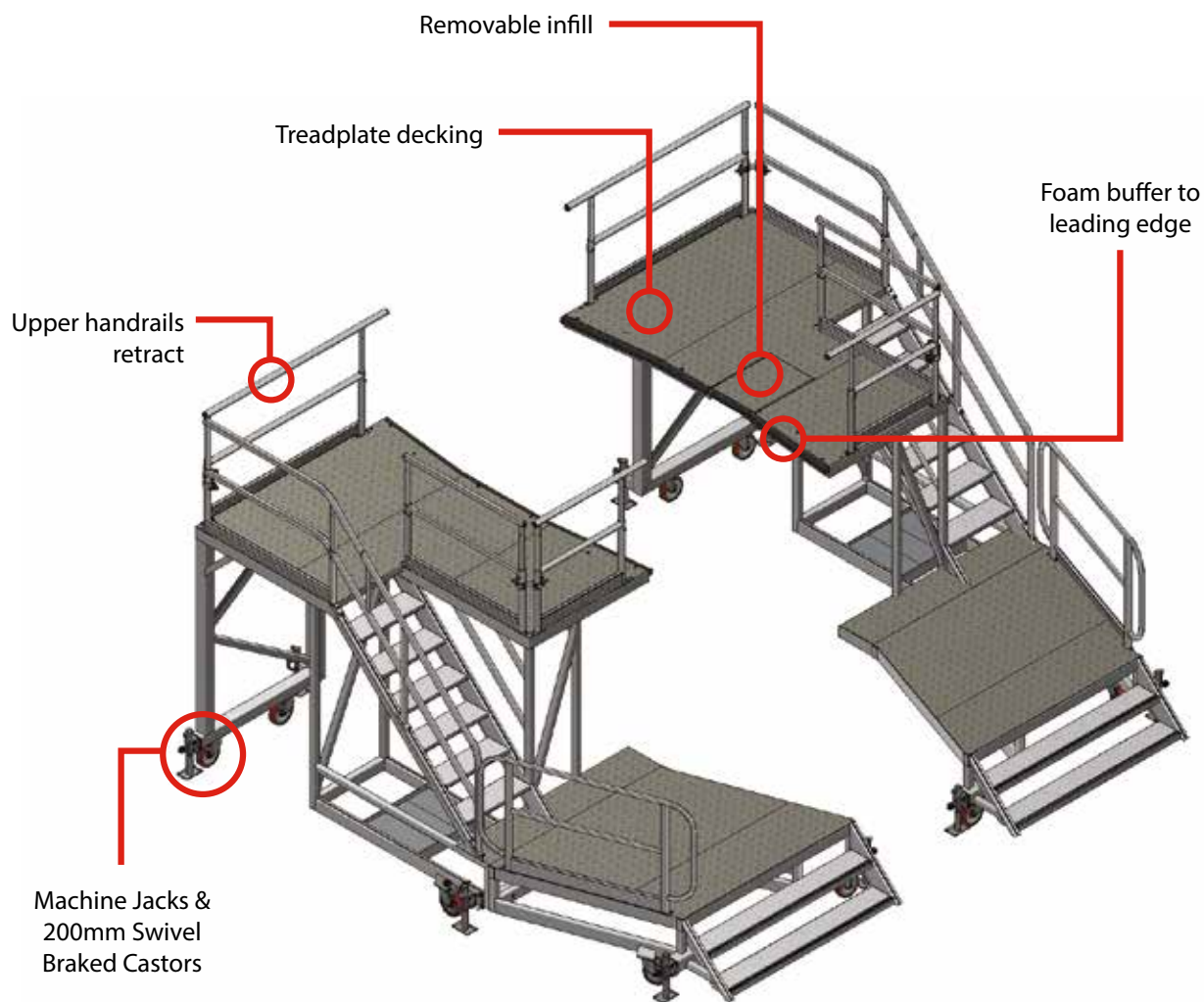




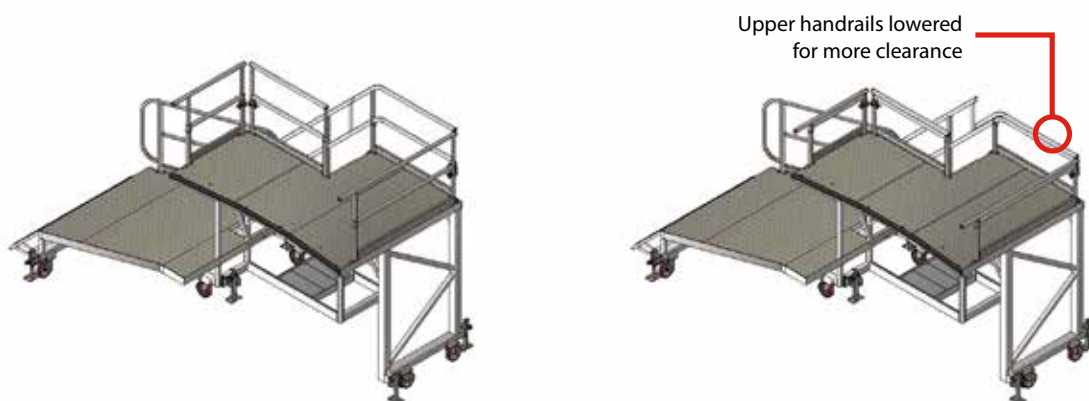
BELL HELICOPTER BELL 212

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

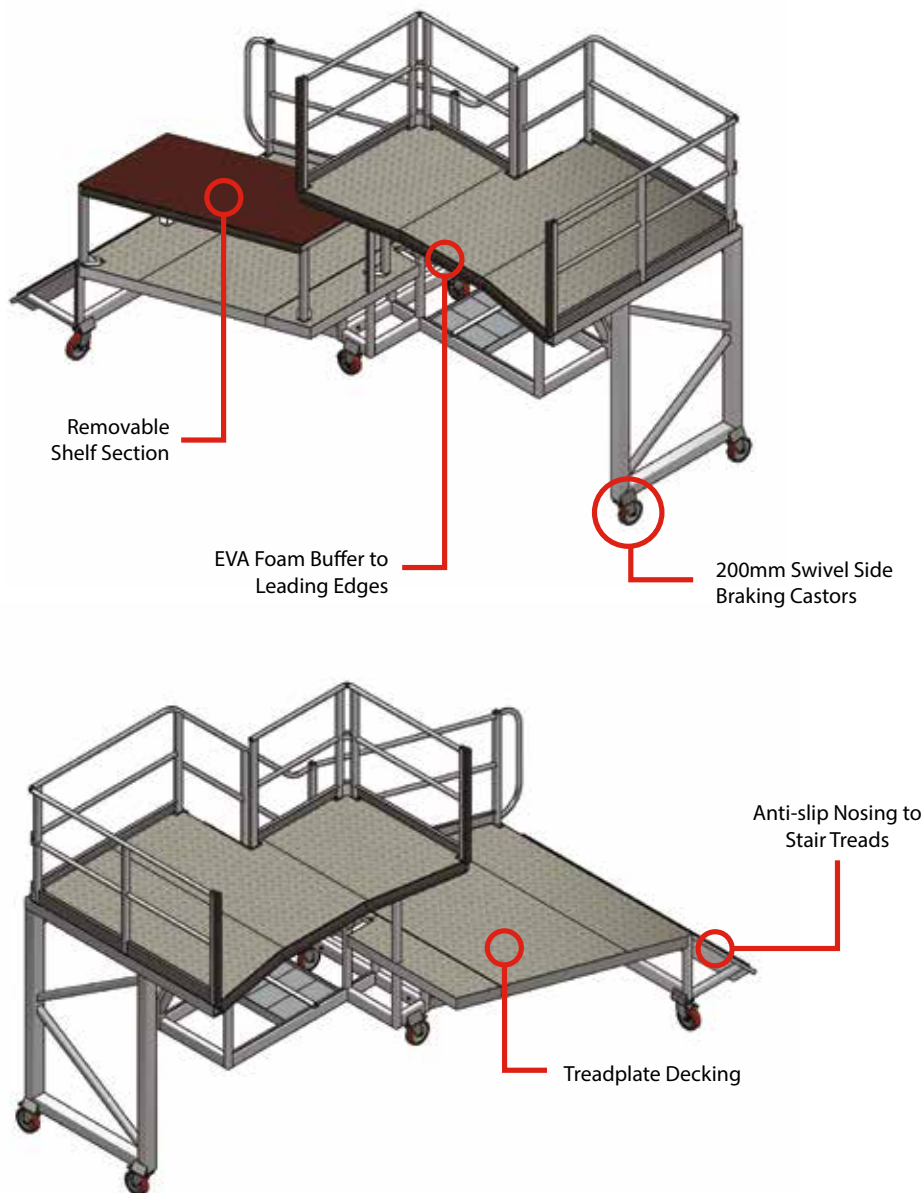
- › A dual-level platform suitable for accessing rotors and maintenance point panels on the lower rear of the aircraft.

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





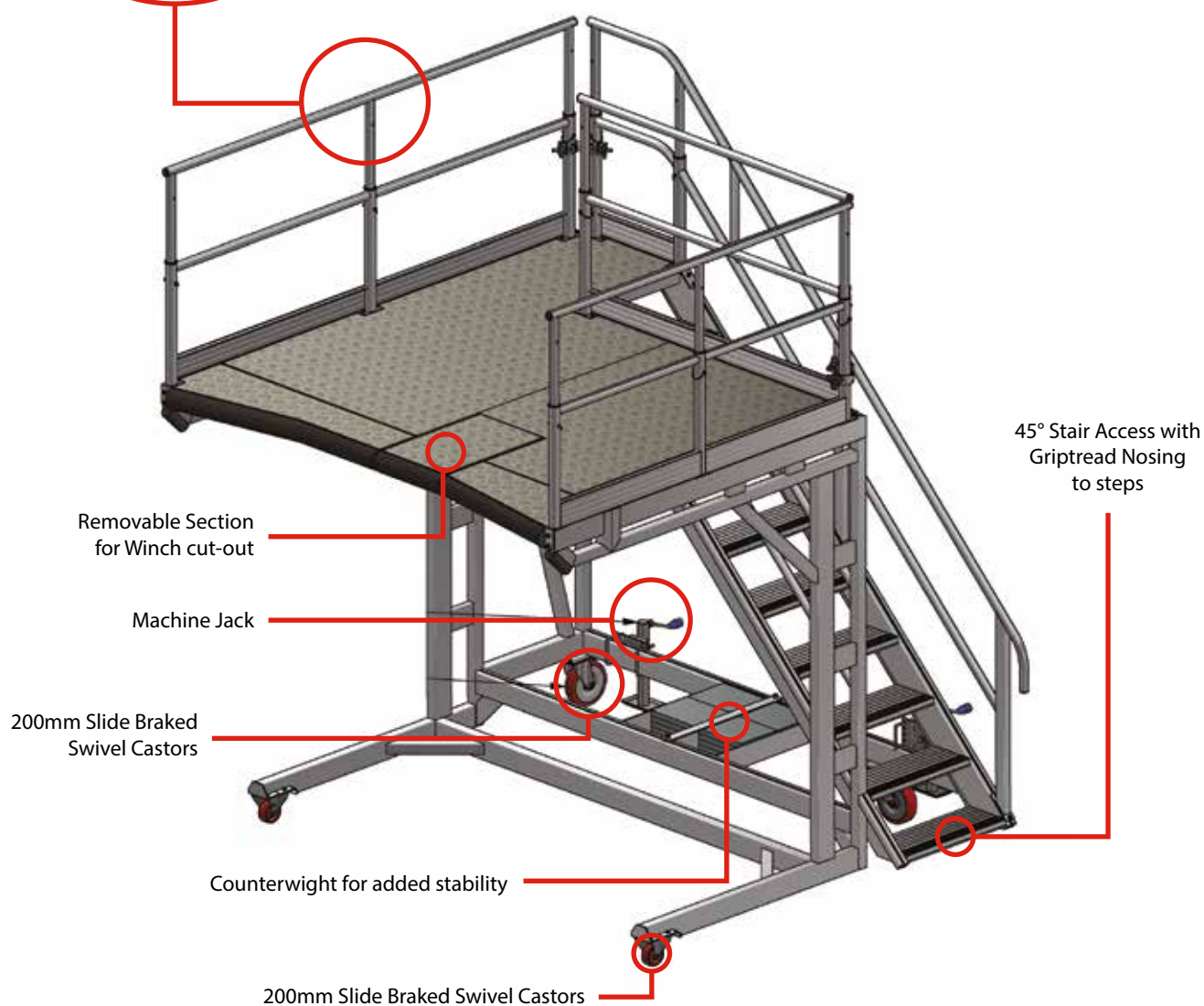
BELL HELICOPTER BELL 412

FLIGHT LINE STAND

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



Handrails Lowered





BELL HELICOPTER BELL 412

FLIGHT LINE STAND

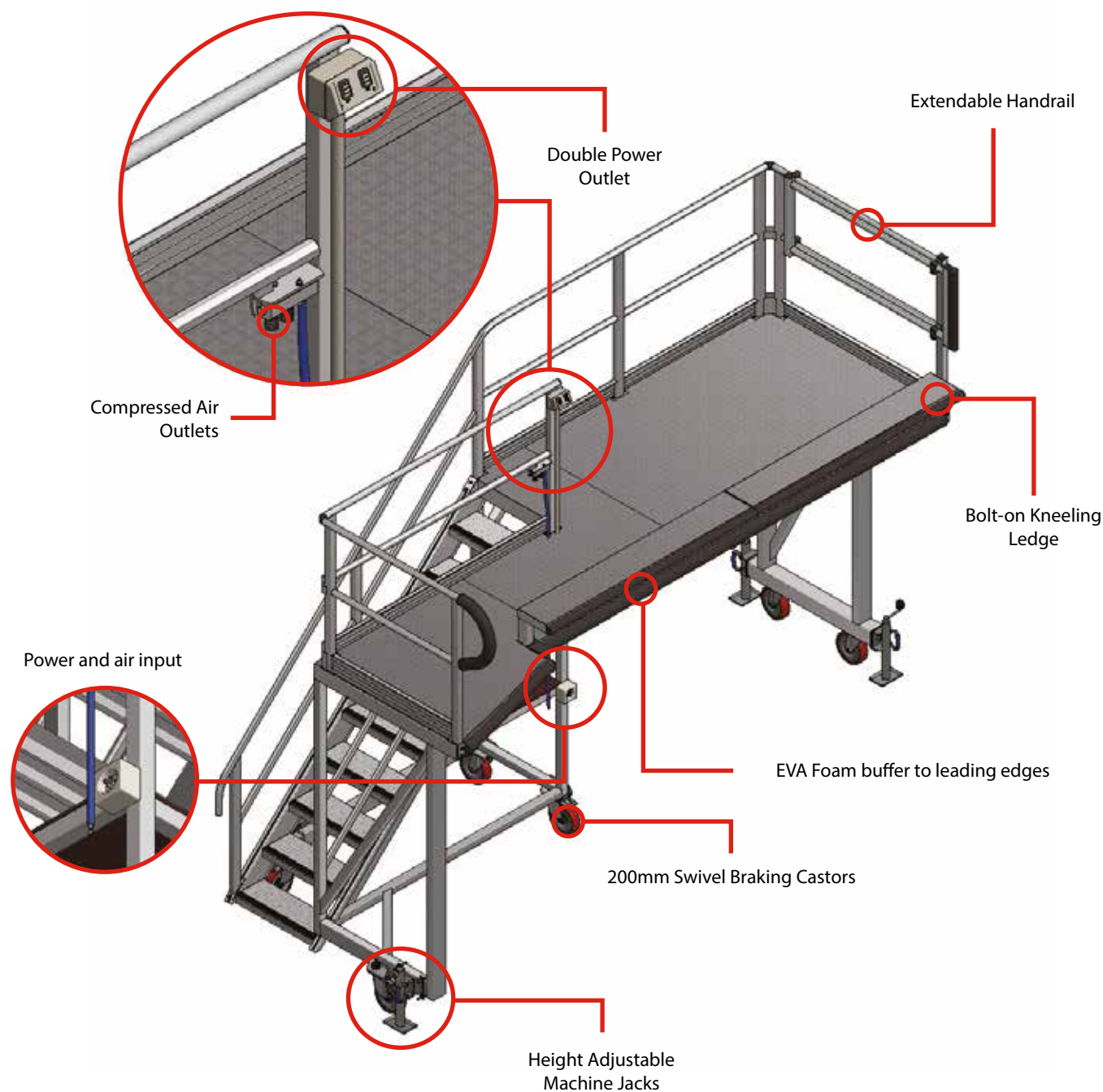




BELL HELICOPTER BELL 429

SLIM-LINE SIDE ACCESS PLATFORM

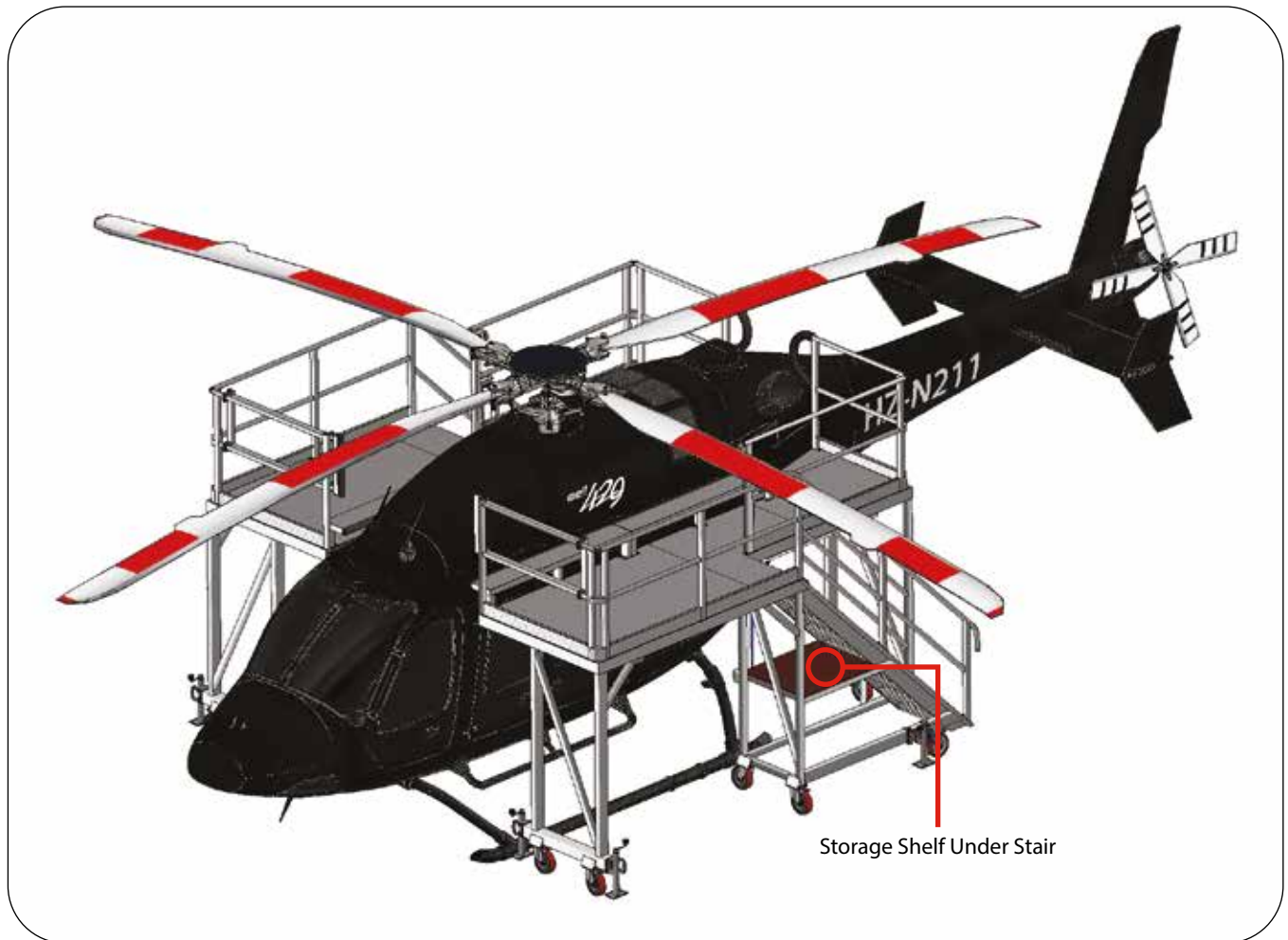
- › Full surround platform for rotor access.
- › 45° stairs for safer and more efficient access.
- › Seperate tail rotor stand.
- › Padded contact points to eliminate contact damage to helicopter.
- › Cantilever allows close access to work area.
- › Full surround toeboard for tool drop protection.





BELL HELICOPTER BELL 429

SLIM-LINE SIDE ACCESS PLATFORM

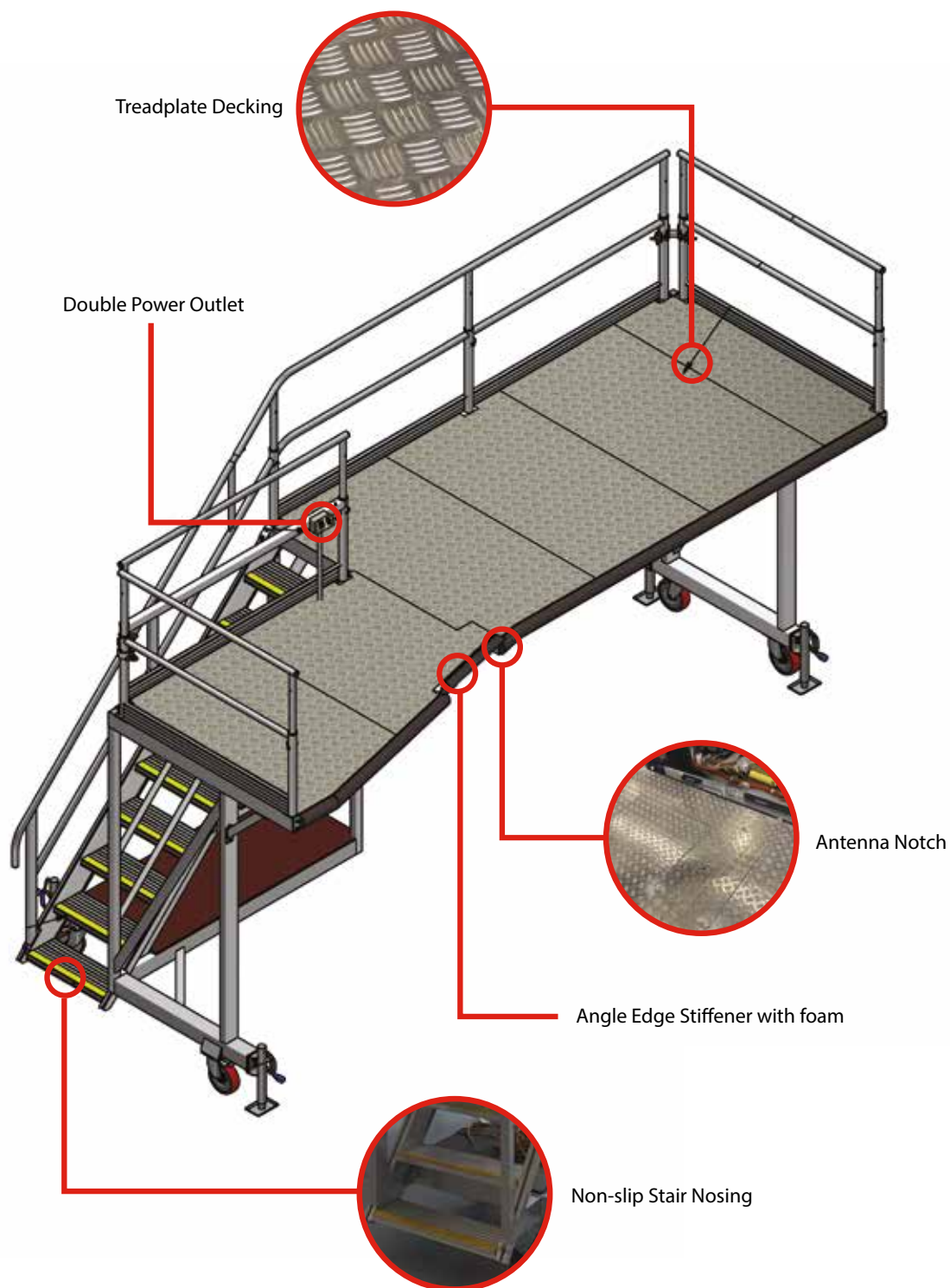




BELL HELICOPTER BELL 429

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

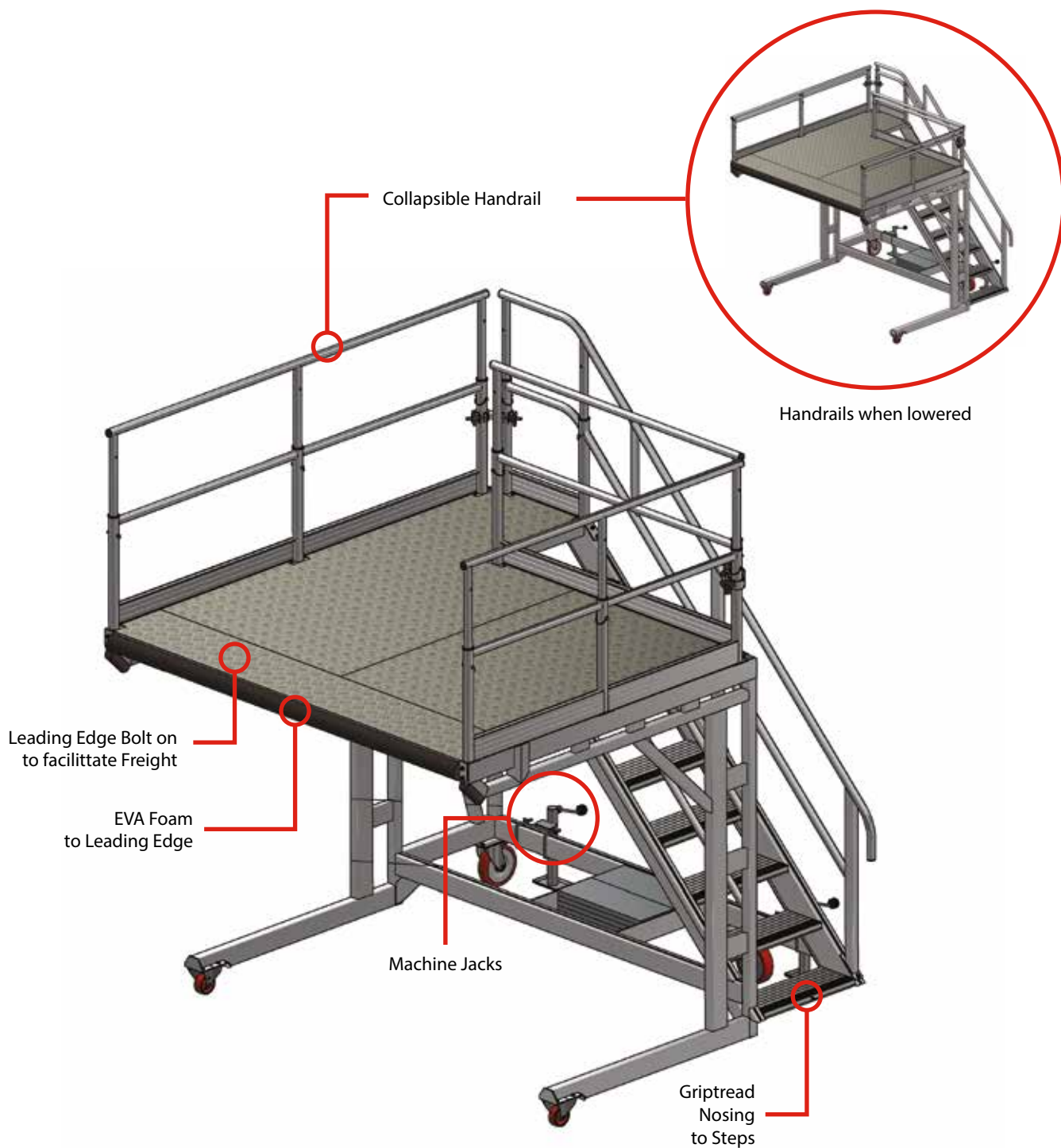




BELL HELICOPTER BELL 429

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

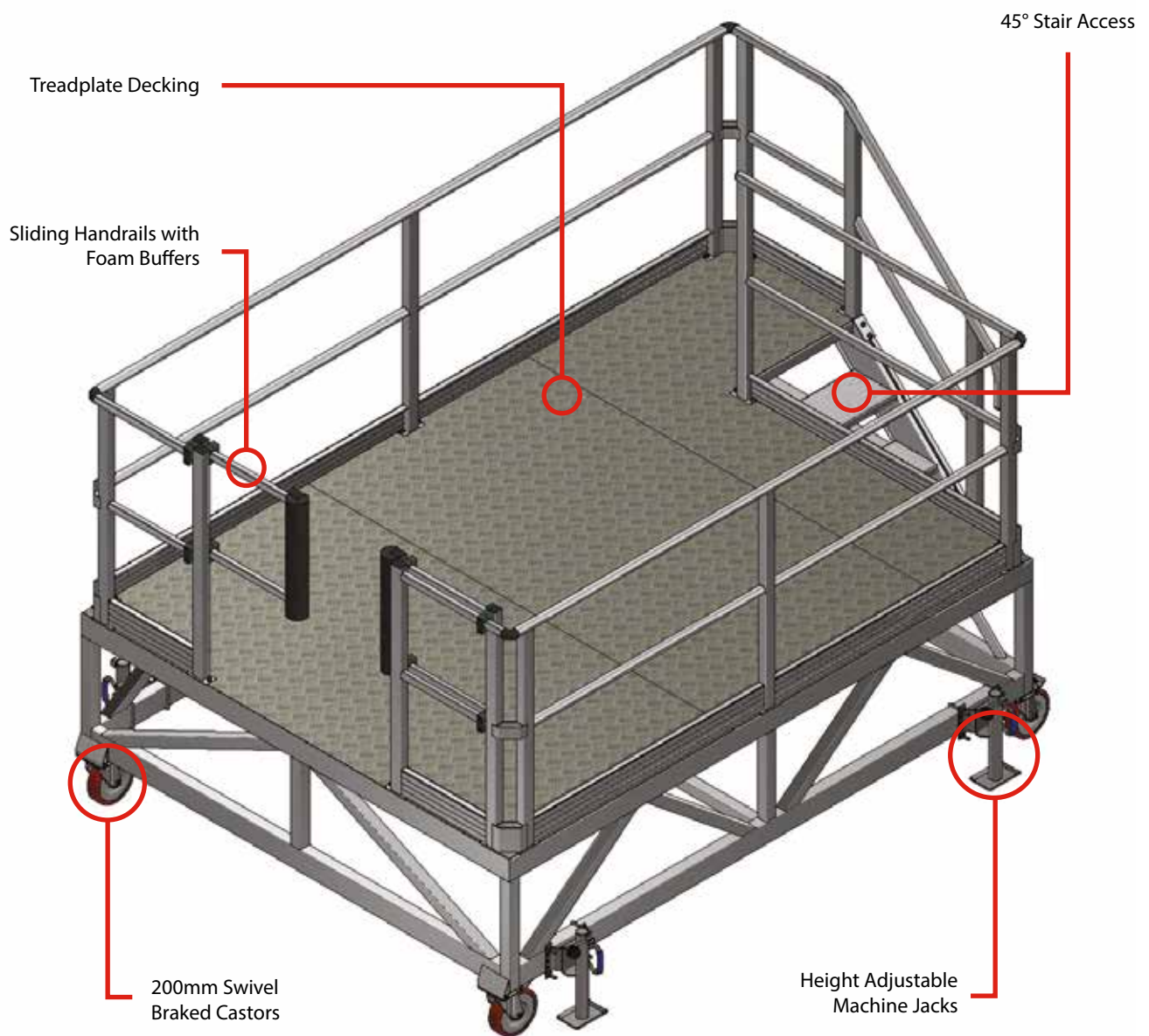




BELL HELICOPTER BELL 429

TAIL ACCESS PLATFORMS

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





BELL HELICOPTER BELL 429

TAIL ACCESS PLATFORMS

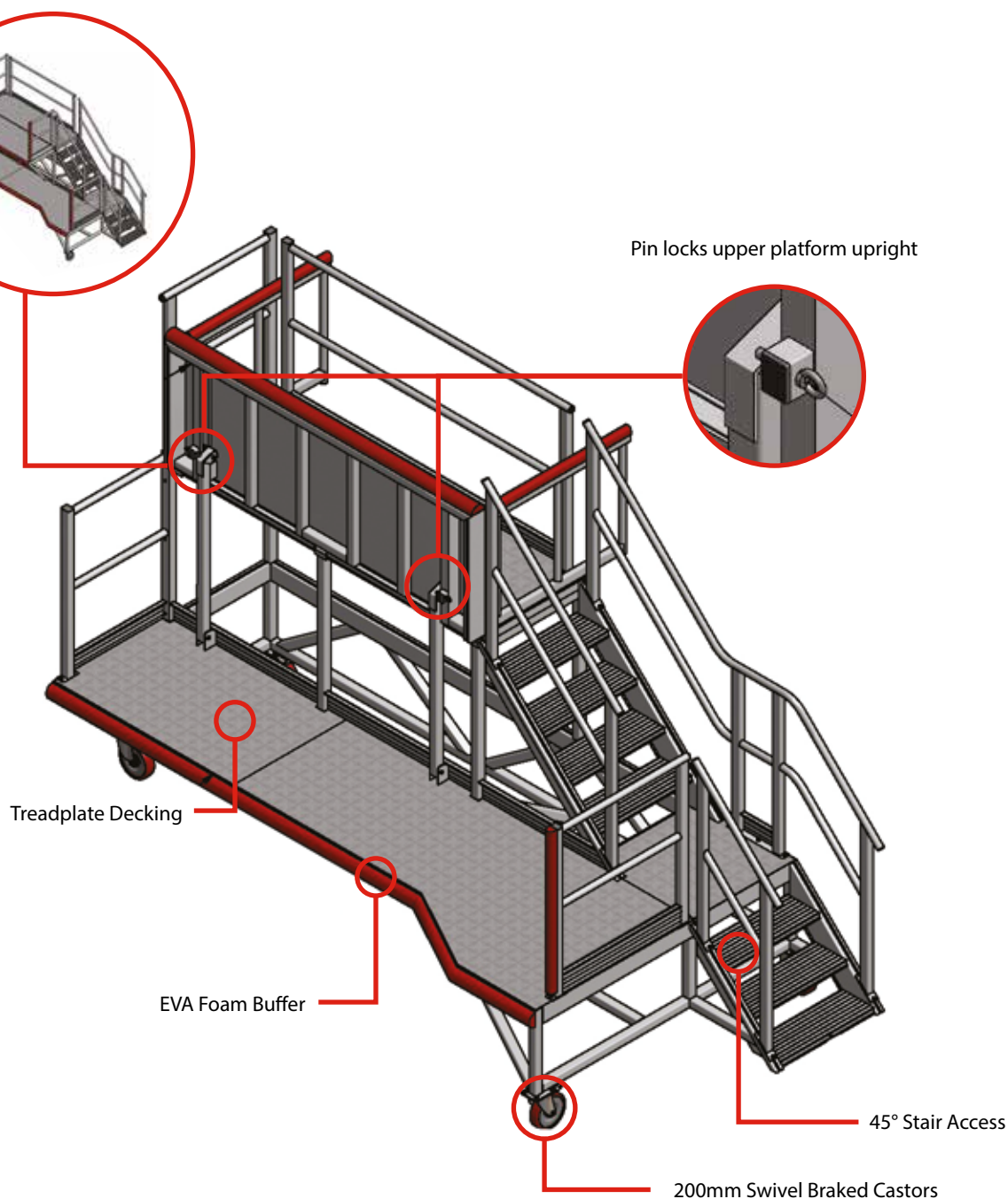




MBB/KAWASAKI BK117

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

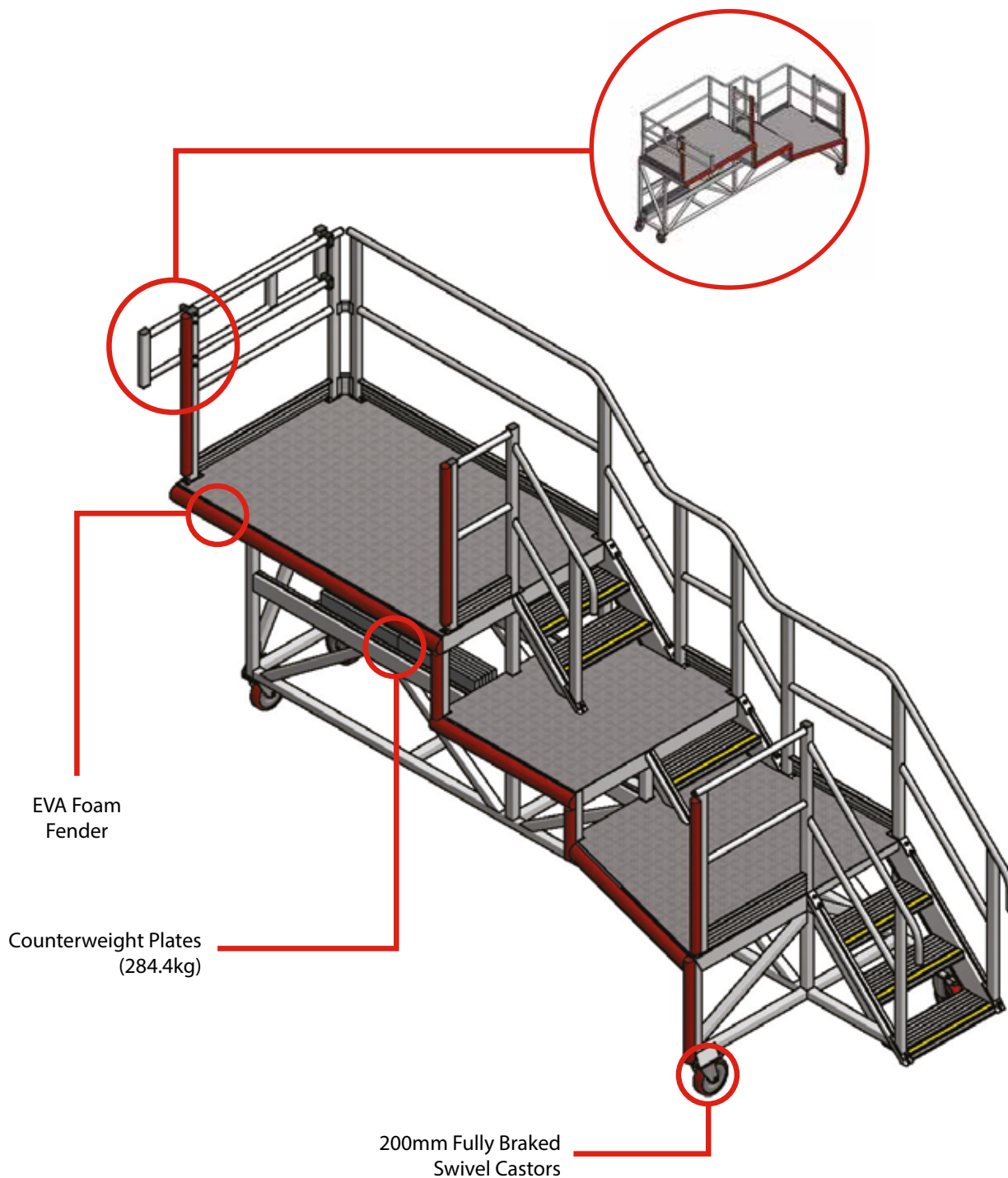
TRIPLE-LEVEL SIDE ACCESS PLATFORM

- › 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**

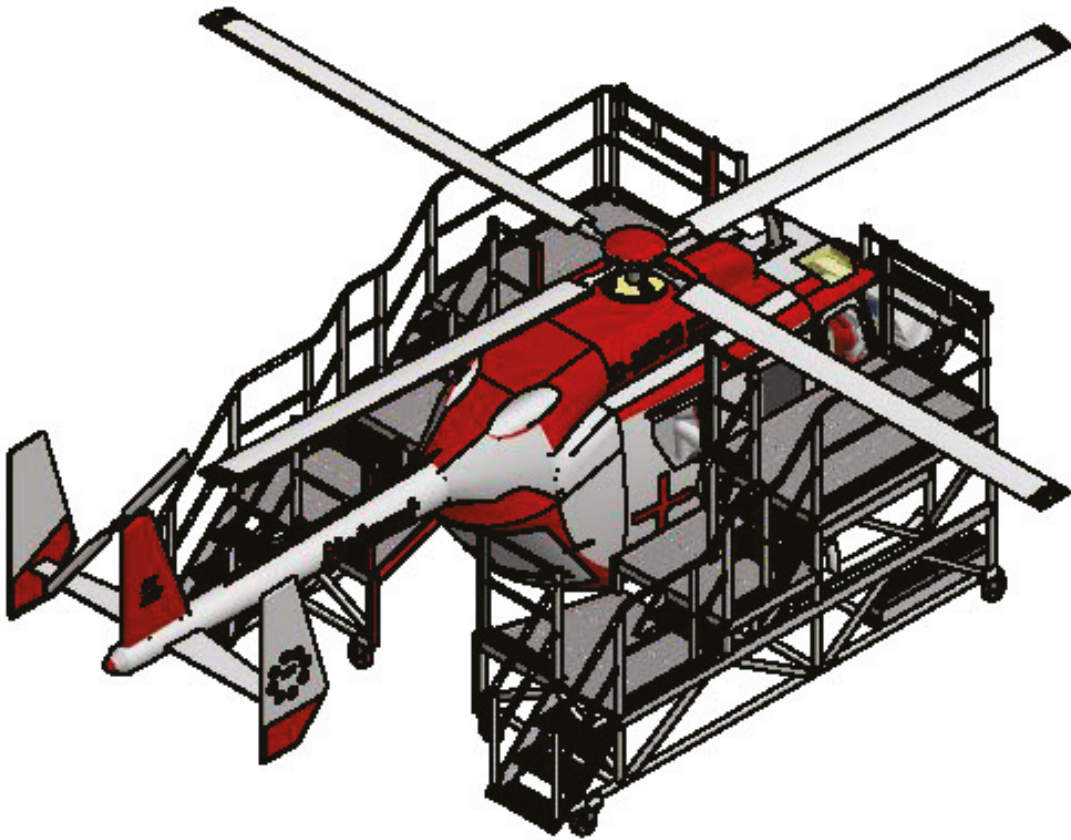
Handrail when extended





MBB/KAWASAKI BK117

TRIPLE-LEVEL SIDE ACCESS PLATFORM

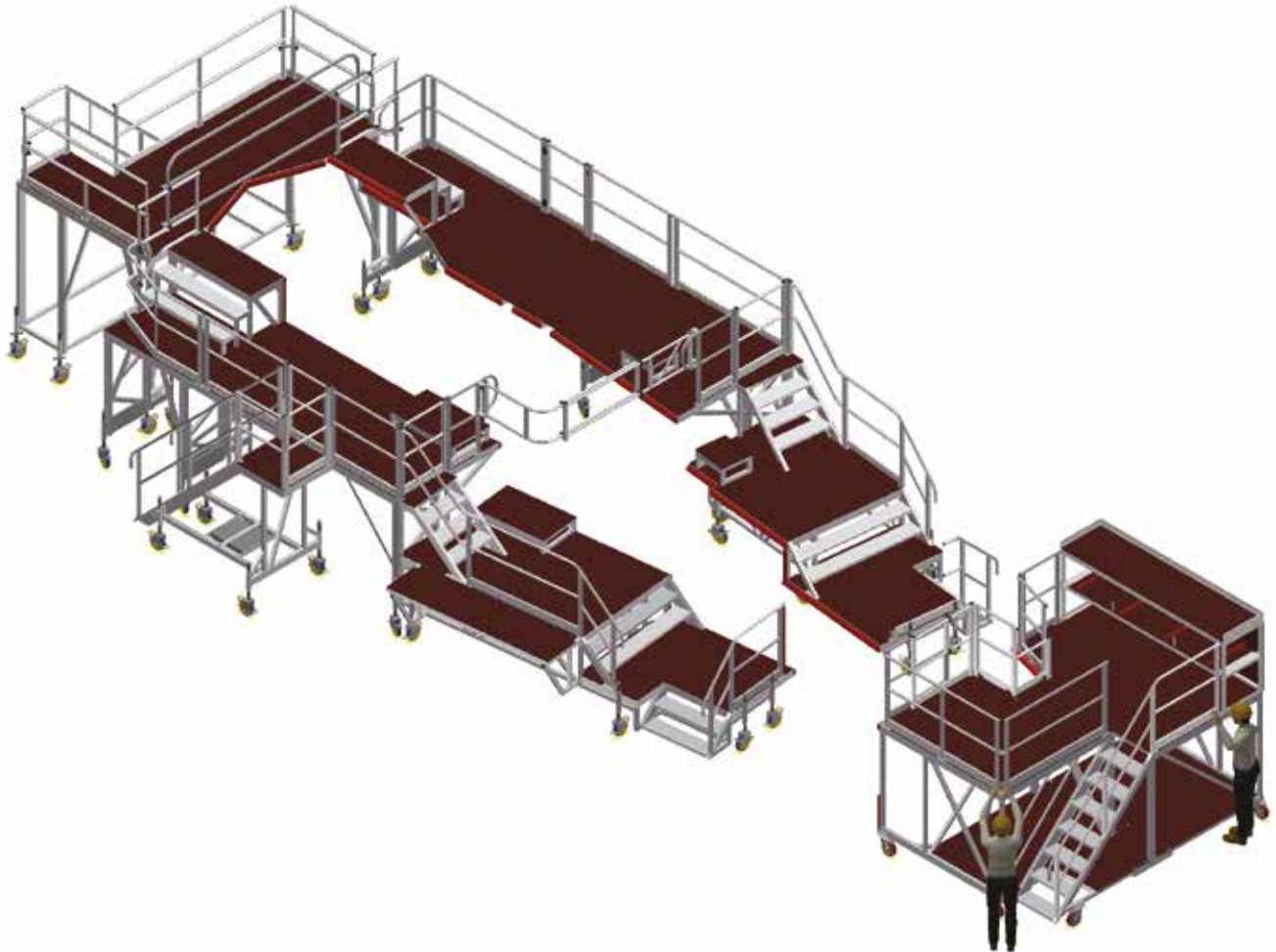




KAMAN SEASPRITE SH-2G

DOCKING SYSTEM

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





KAMAN SEASPRITE SH-2G

DOCKING SYSTEM

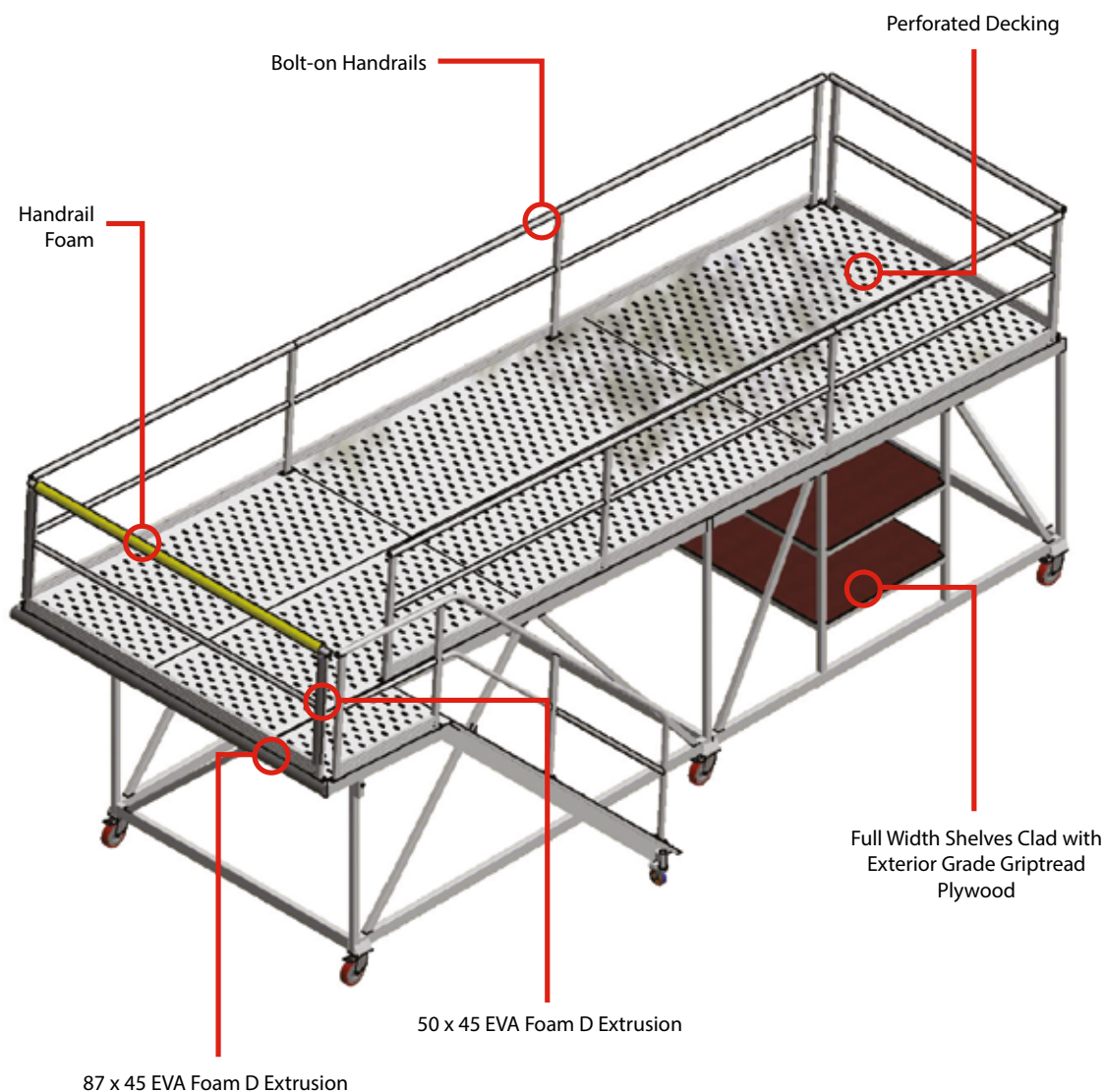




NH INDUSTRIES NH90

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

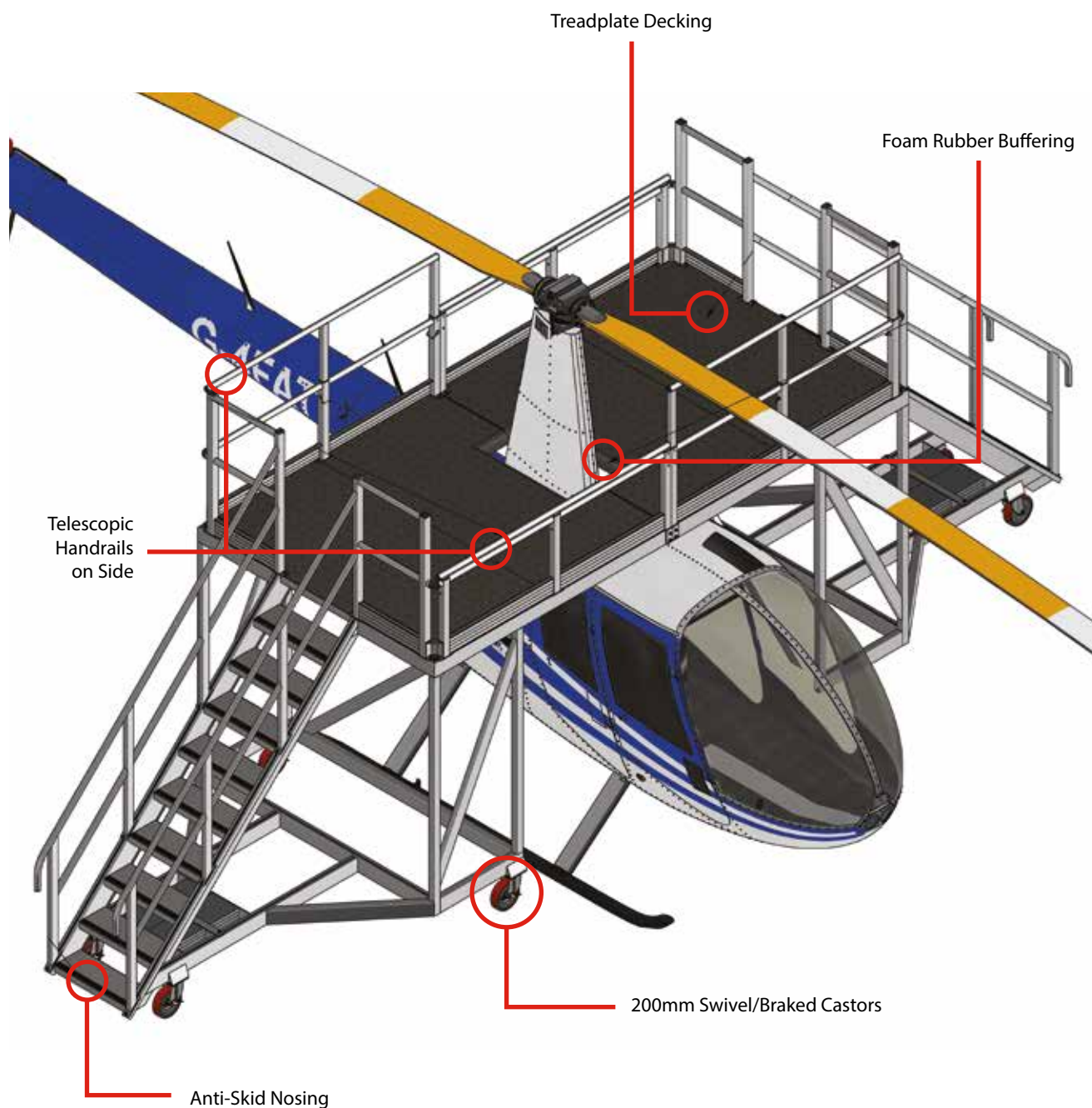




ROBINSON R22/R44

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



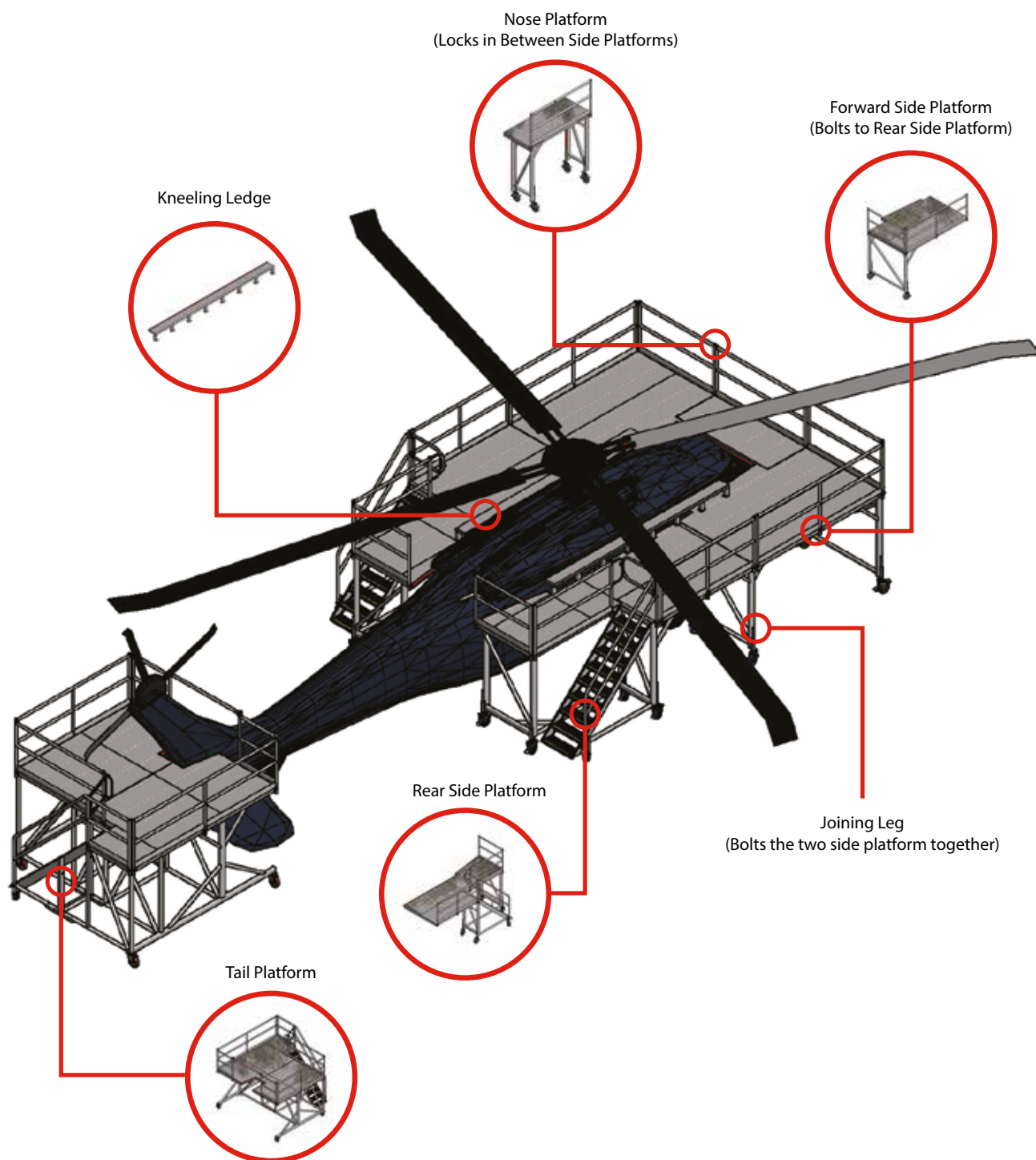


SIKORSKY BLACKHAWK

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





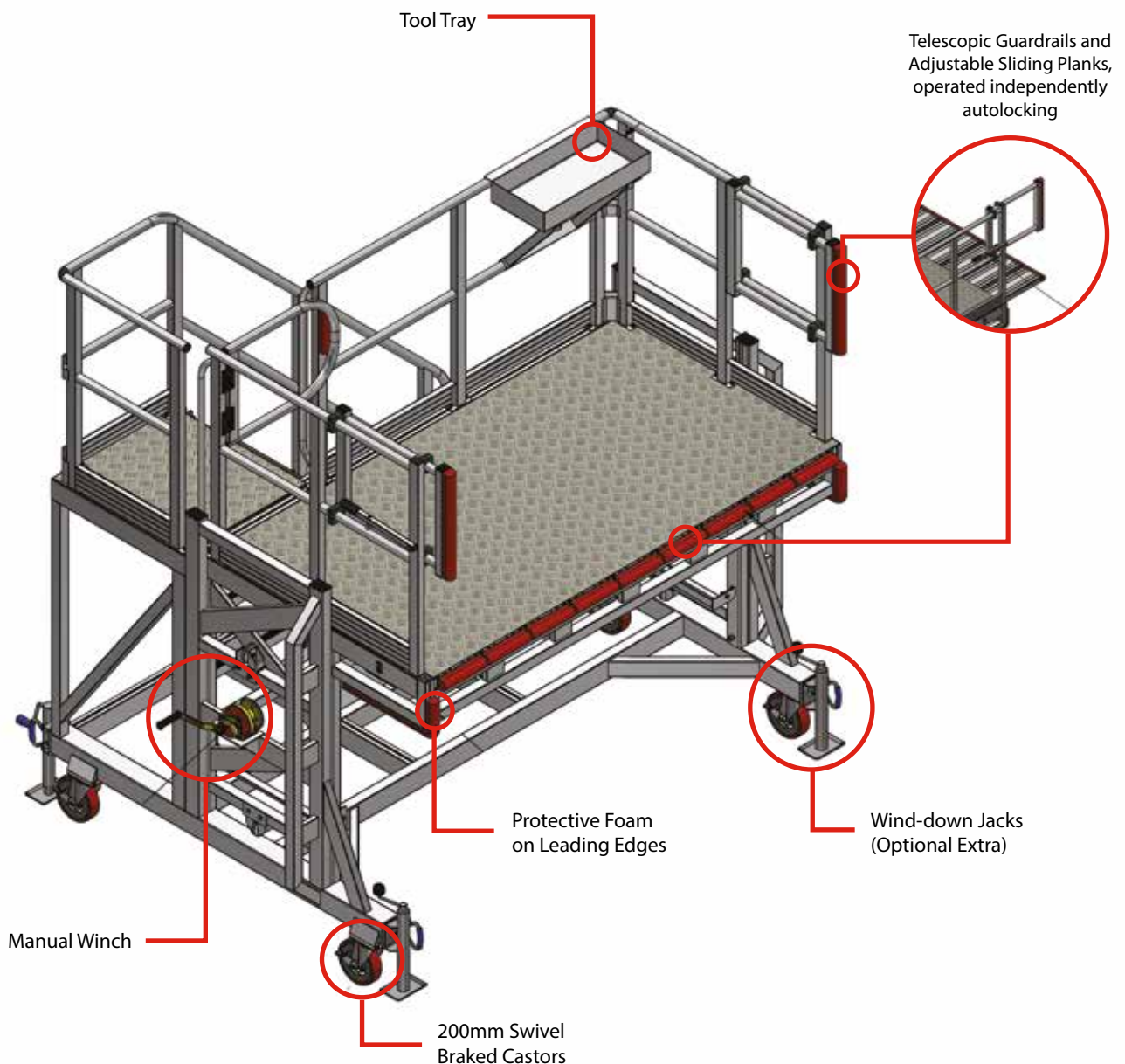
GENERAL PURPOSE ACCESS STANDS

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





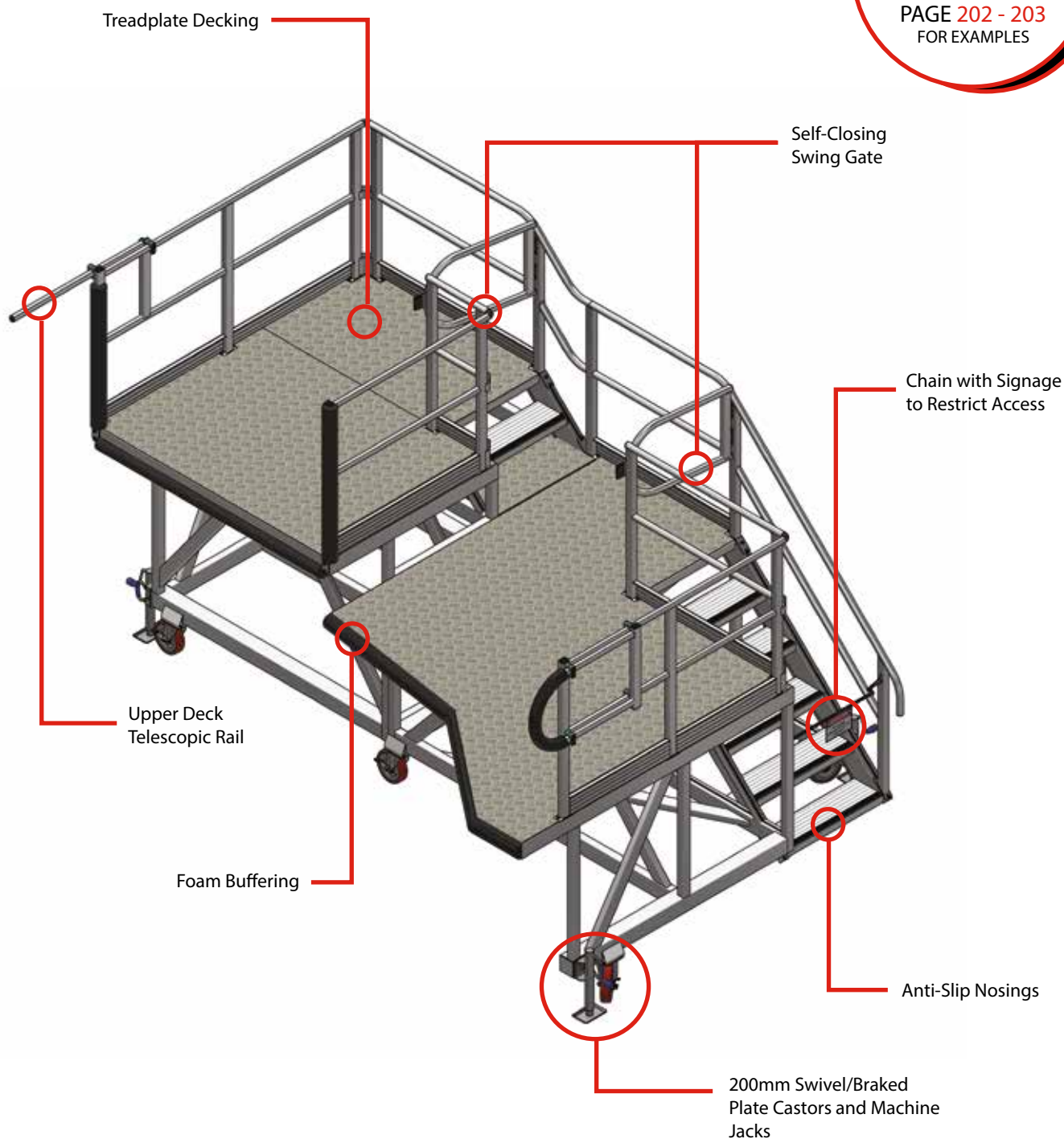
GENERAL PURPOSE ACCESS STANDS

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

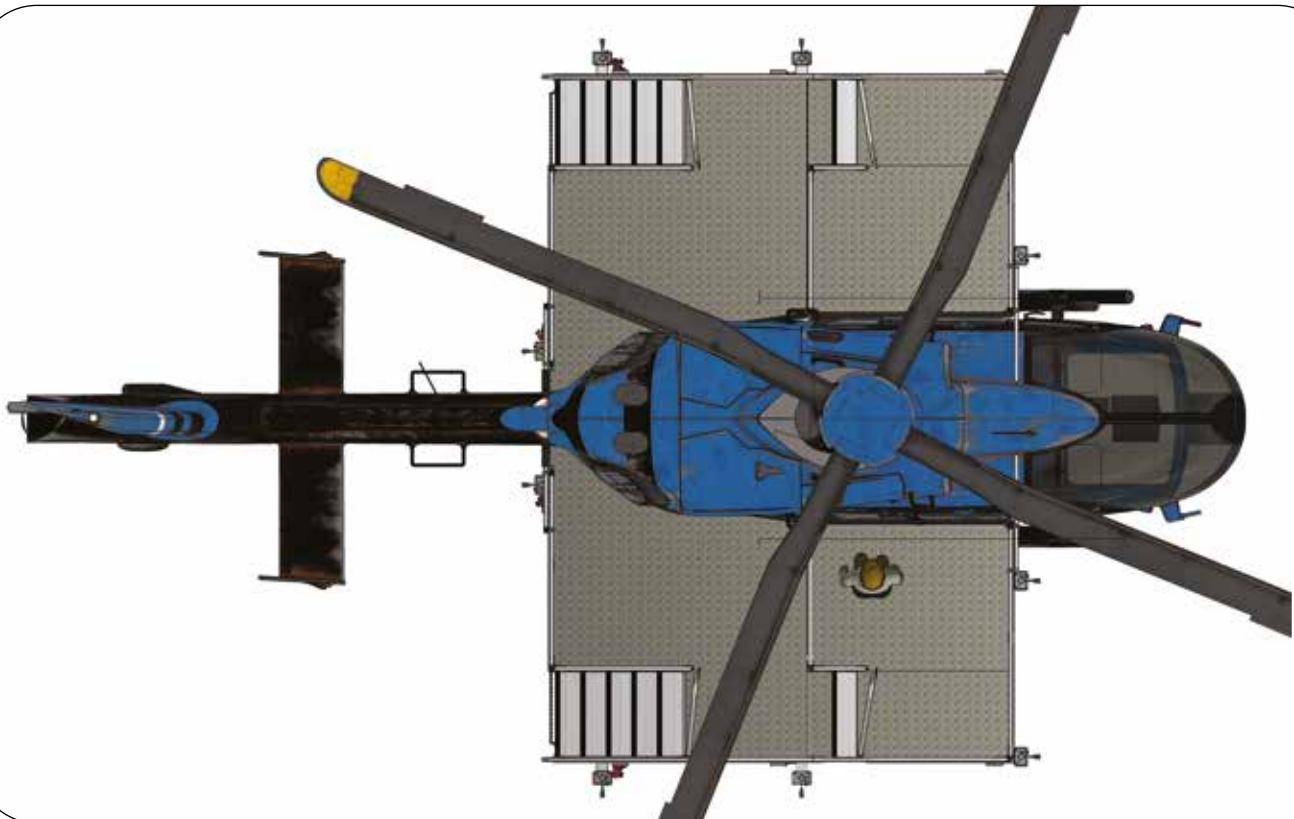
PAGE 202 - 203
FOR EXAMPLES





GENERAL PURPOSE ACCESS STANDS

SIDE ACCESS DOCKING PLATFORM





PROSCAF

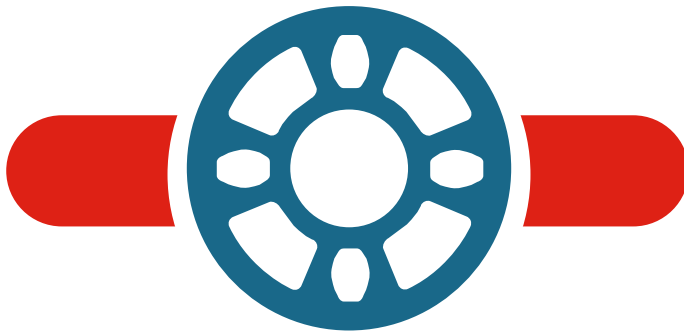
Effortlessly Simple. Infinitely Versatile.



FIND OUT MORE
VISIT 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
GLOBALLY**



TERMS & CONDITIONS

1. Copyright SafeSmart Access 2025. ABN 20 024 050 645 - No part of this publication may be reproduced without the written permission of SafeSmart Access.
2. SafeSmart Access has made every effort to portray accurate descriptions and information within this catalogue. No liability is accepted in the event of errors or omissions.
3. Where specifications are provided they are intended as a guide only. Please enquire from our staff for full details of product at time of enquiry.
4. All rights reserved including the right to substitute a like product at the sole discretion of SafeSmart Access. Products may vary in detail from the described item. Products may be deleted, amended, substituted or changed at the sole discretion of SafeSmart Access.
5. The customer/user must establish the suitability of the product purchased for their own safe use.
6. Trade Marks. Where any registered trade mark has been used it is with recognition of the owner's right.
7. Any measurements shown are intended as a guide only. Please confirm any critical measurement with SafeSmart Access.



SAFESMART
AVIATION

UNITED KINGDOM

0845 382 1000



www.safesmartaviation.com | sales@safesmartaviation.com