

WORK PLATFORM LADDERS

WORK PLATFORM SOLUTIONS

PRODUCT NAME	PLATFORM HEIGHT	PLATFORM AREA	TOTAL BASE LENGTH	APPROX. WEIGHT
STAR P2'	600 mm	750 x 900 mm	1200 mm	40KG
STAR P3'	900 mm	750 x 900 mm	1300 mm	55KG
STAR P4'	1200 mm	750 x 900 mm	1400 mm	60KG
STAR P1400'	1400 mm	750 x 900 mm	1487 mm	70KG
STAR P5'	1500 mm	750 x 900 mm	1529 mm	72KG
STAR P6'	1800 mm	750 x 900 mm	1653 mm	80KG
STAR P7'	2100 mm	900 x 900 mm	1777 mm	90KG
STAR P8'	2400 mm	900 x 900 mm	1920 mm	100KG
STAR P9'	2700 mm	900 x 900 mm	2026 mm	125KG
STAR P10'	3000 mm	1000 x 1000 mm	2236 mm	135KG
STAR P11'	3300 mm	1000 x 1000 mm	2360 mm	145KG
STAR P12'	3600 mm	1000 x 1000 mm	2484 mm	155KG



HEAVY-DUTY STAR WORK PLATFORMS, MANUFACTURED FROM DURABLE YET LIGHTWEIGHT ALUMINIUM ALLOY



SAFETY KICKBOARDS ON THREE SIDES TO HELP PREVENT TOOLS AND MATERIALS FROM FALLING



SUPPLIED FLAT-PACKED TO REDUCE FREIGHT COSTS



MAJOR COMPONENTS FULLY WELDED: SIMPLE ON-SITE ASSEMBLY WITH TOOLS, FIXINGS AND INSTRUCTIONS PROVIDED



EACH UNIT FITTED WITH A COMPLIANCE PLATE TO SUPPORT WHS REQUIREMENTS



BACKED BY A LIFETIME STRUCTURAL WARRANTY



THE MAXIMUM COMPRESSION FORCE OBTAINED DURING LOAD TESTING OF THE STAR WORK/LADDER PLATFORM "LP1200MM" WAS RECORDED TO BE 74.9KN (7,637KG = 7.6 TONNES)

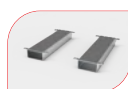


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OPTIONAL



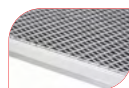
FORKLIFT POCKETS



EXTRA SAFETY BOOM ARMS (13 MM)



ALL-TERRAIN KIT



GRID MESH DECK



SET OF PLATFORM WINGS



ANTI SLIP BULL NOSING



RHS/LHS SIDE GATE ACCESS



D BUMPERS



FITTED COMPLIANCE PLATE
Supports WHS requirements and site compliance.



SCAN ME FOR MORE



A specialist aviation maintenance and engineering organisation delivering high-precision servicing across a range of aircraft types. Operations focus on maintaining safety, reliability and operational readiness through advanced maintenance procedures, including access to complex areas such as tailplanes and engine bays. The organisation supports ongoing flight operations by maintaining strict safety standards and performance requirements across global maintenance programs.

PROJECT USE-CASES

AN AVIATION MAINTENANCE PROVIDER

PROJECT FOCUS

The project addressed specialised height-access requirements within an aviation maintenance environment, with engineered systems specified to support safe and reliable aircraft servicing under demanding operational conditions.

- ✈ A reliable system was requested to provide safe and stable access to the tailplane sections of various aircraft.
- ✈ Specialised equipment was required to allow maintenance personnel to reach engine bays efficiently for inspections.
- ✈ The facility sought to improve overall productivity by ensuring workers had secure platforms for high-precision technical tasks.
- ✈ Minimising fall risks during high-level maintenance was identified as the top priority for the operation.
- ✈ The project focused on streamlining the maintenance workflow by utilizing platforms specifically designed for aviation environments.

THE COMMERCIAL ADVANTAGE

The implementation of these specialised platforms resulted in measurable improvements for the maintenance facility:

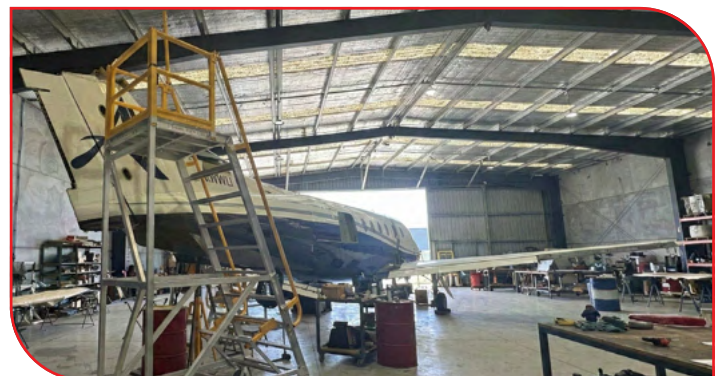
- ✈ Workplace safety standards were elevated, leading to a safer environment for technical staff.
- ✈ Operational productivity increased due to faster and more secure access to critical aircraft components.
- ✈ Maintenance downtime was significantly reduced through the use of purpose-built equipment.
- ✈ High-quality aluminium construction ensures long-term durability and low equipment maintenance costs.
- ✈ The streamlined access provided by these platforms allowed for more efficient service delivery and overall excellence in maintenance operations.



THE ENGINEERED SOLUTION

Two distinct engineered platforms were delivered to meet the specific technical demands of aircraft maintenance:

- ✈ The P10 ladder platform was engineered to facilitate safe and reliable access to tailplane areas.
- ✈ The P3 ladder platform was designed specifically for optimal reach into engine bays during technical inspections.
- ✈ Both platforms feature high-strength construction to ensure zero-movement stability during sensitive technical work.
- ✈ The ergonomic designs allow maintenance personnel to perform complex tasks without the physical strain associated with standard ladder systems.





Macquarie Educational Tours is a premier Australian travel company specialising in school trips and learning experiences. With a modern fleet of high-capacity coaches, the organisation provides safe and reliable transport for students and educators across the country. The company has a strong reputation for operational excellence by prioritising fleet maintenance and passenger safety. With a dedicated depot and maintenance team, Macquarie Educational Tours is a leader in educational travel.

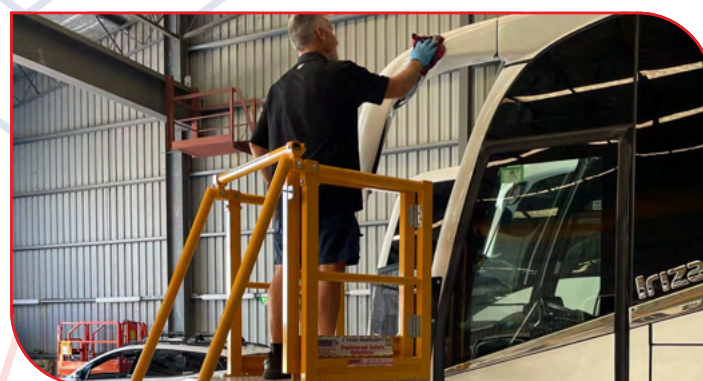
PROJECT USE-CASES

MACQUARIE EDUCATIONAL TOURS

PROJECT FOCUS

The project was initiated by the Coach Operations Manager to resolve specific safety and efficiency gaps in the fleet maintenance process. Several operational challenges were addressed during the selection phase:

- ✖ A safe, easy way was required to get to the higher parts of the buses, especially for cleaning the front windows.
- ✖ The maintenance crew found that regular ladders weren't safe, and the scissor lifts they had were too slow for quick, everyday cleaning jobs.
- ✖ The facility needed a top-notch solution that met strict safety rules.
- ✖ The project's goal was to develop a safe platform that lets technicians work hands-free at high elevations.
- ✖ A main goal was to increase vehicle maintenance and lower physical risks for drivers and depot workers.



THE ENGINEERED SOLUTION

After extensive market research, the Star P5 platform ladder was selected for its superior build quality and safety features:

- ✖ The P5 platform ladder provides a robust and secure working area at the ideal height for coach windscreen maintenance.
- ✖ A high load capacity and industrial-grade construction ensure the unit remains stable during heavy-duty workshop use.
- ✖ The design features an easy-to-maneuvre frame, allowing coach drivers and depot staff to move and store the equipment with minimal effort.
- ✖ The integrated platform allows personnel to feel secure and stable, providing the confidence to perform detailed cleaning and repairs.
- ✖ The equipment was engineered to meet high safety benchmarks, surpassing other competitive products in construction and ease of use.

THE COMMERCIAL ADVANTAGE

Implementing the Star P5 platform ladder has delivered immediate improvements to the maintenance workflow at Macquarie Educational Tours:

- ✖ Maintenance efficiency has increased significantly, as windscreens can now be cleaned faster and more thoroughly than with previous methods.
- ✖ Workplace safety has been greatly enhanced by replacing non-compliant equipment with a secure, stable platform.
- ✖ Positive feedback from the depot team and coach drivers confirms that the user-friendly design has improved daily operations.
- ✖ The competitive pricing and high build quality of the solution provided a significant return on investment for the workshop.
- ✖ This partnership underscores the importance of utilising specialised height-access tools to maintain service excellence and staff safety in the transport industry.