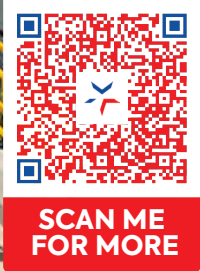


MODULAR ACCESS PLATFORMS SECTION 04



MODULAR ACCESS PLATFORMS MODULAR ACCESS PLATFORMS SOLUTIONS

-  STAR MODULAR ACCESS PLATFORMS ARE MANUFACTURED FROM DURABLE YET LIGHTWEIGHT ALUMINIUM ALLOY
-  ABILITY TO BE ASSEMBLED QUICKLY USING EVERYDAY TOOLS.
-  PREDICTABLE INSTALLATION TIMEFRAMES
-  SUPPLIED FLAT-PACKED TO REDUCE FREIGHT COSTS.
-  EACH UNIT FITTED WITH A COMPLIANCE PLATE TO SUPPORT WHS REQUIREMENTS
-  BACKED BY A LIFETIME STRUCTURAL WARRANTY.

 AUSTRALIAN OWNED & OPERATED	 27+ YEARS IN BUSINESS	 STRUCTURAL LIFETIME WARRANTY	 MANUFACTURED TO AS/NZS STANDARDS	 CUSTOM DESIGN AVAILABLE	
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MODULAR ACCESS PLATFORMS

MODULAR ACCESS PLATFORMS SOLUTIONS

SECURE ACCESS GATE
Provides safe entry and exit points while maintaining full perimeter protection for operators.

SAFETY YELLOW HANDRAILS
Modular yellow handrails extend and retract to suit platform height and layout, forming continuous edge protection during access.

250 MM ANTI SLIP TREADS
Slip-resistant aluminium ladder treads ensure secure footing and stability, even in wet or dusty conditions.

FITTED COMPLIANCE PLATE
Supports WHS requirements and site compliance.



PERFORATED DIMPLE PLATFORM
Open Perforated Dimple surface improves drainage and slip-resistant underfoot.

MODULAR DESIGN
Stair module integrates seamlessly with modular decks to suit different site layouts.

FIXED BASE PLATES
Base plates allow the platform to be securely anchored to the ground for stable, fixed access.

OPTIONAL



ANTI SLIP BULL NOSING



OPTIONAL SAFETY HOOP



D BUMPERS



SET OF PLATFORM WINGS

TRUCK SAFETY SOLUTIONS

WORK PLATFORM SOLUTIONS

CROSSOVER PLATFORMS

MODULAR ACCESS PLATFORMS

TANKER ACCESS SOLUTIONS

STAIRS AND RAMPS

LADDER SOLUTIONS

SPECIALISED ACCESS SOLUTIONS

MOBILE SCAFFOLD SOLUTIONS

SAFEZONE BARRIER

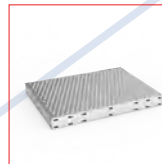


SCAN ME FOR MORE

MODULAR ACCESS PLATFORMS

ENGINEERED SIMPLICITY 4 PARTS, INFINITE SITE ADAPTABILITY.

Engineered for rapid deployment and total adaptability, the Star Aluminium modular system utilizes four core components to solve the most complex site access challenges without the need for on-site fabrication.



UNIVERSAL PLATFORMS



SAFETY HANDRAILS



SUPPORT TOWERS



ACCESS STAIRS

CONFIGURABLE ACCESS TO SUIT EVOLVING SITE LAYOUTS

Star Aluminium Modular Access Platforms provide versatile and safe solutions for any industrial setting. The fully modular design allows you to adjust heights and layouts quickly, eliminating the need for on-site fabrication or welding.

Key Advantages:

- Total Adaptability:** Easily add or reconfigure stairs, landings, and sections as your site requirements change.
- Light & Robust:** High-grade aluminium ensures easy handling and installation without compromising on long-term durability.
- Fast Assembly:** The simple bolt-together design reduces site downtime and requires only standard tools.
- Safety Focused:** Engineered to meet workplace safety requirements with reliable edge protection and stable access points.
- Versatile Use:** A proven solution for mining, aviation, transport, and major infrastructure projects.





This beverage manufacturer is a top global provider of natural, fermented drinks, with a focus on organic kombucha and healthy options. The company runs a modern plant, blending old-school fermentation with efficient production. The beverage manufacturer supplies many major retailers worldwide with a range of sugar-free drinks. With the focus on fresh ideas and quality, the company earned a solid reputation in the food and beverage market.

PROJECT USE-CASES

BEVERAGE MANUFACTURER

PROJECT FOCUS

A major Australian food manufacturer required a precision access solution to navigate unique operational hurdles on a high-speed production line:

- ✘ Navigating Tight Clearances: The primary challenge was providing safe access to load tanks positioned within a restrictive and narrow “planter-box” setup.
- ✘ Strict Dimensional Limits: The brief called for a 1450 mm high platform with a maximum 1000 mm width to ensure the unit didn’t impede existing floor traffic.
- ✘ Continuous Access Needs: Instead of a single landing, the facility required a platform spanning the full length of the tanks for an uninterrupted workflow.
- ✘ Urgent Implementation: Minimising downtime was critical, necessitating a solution that could be designed, approved, and deployed within a very tight window.



THE ENGINEERED SOLUTION

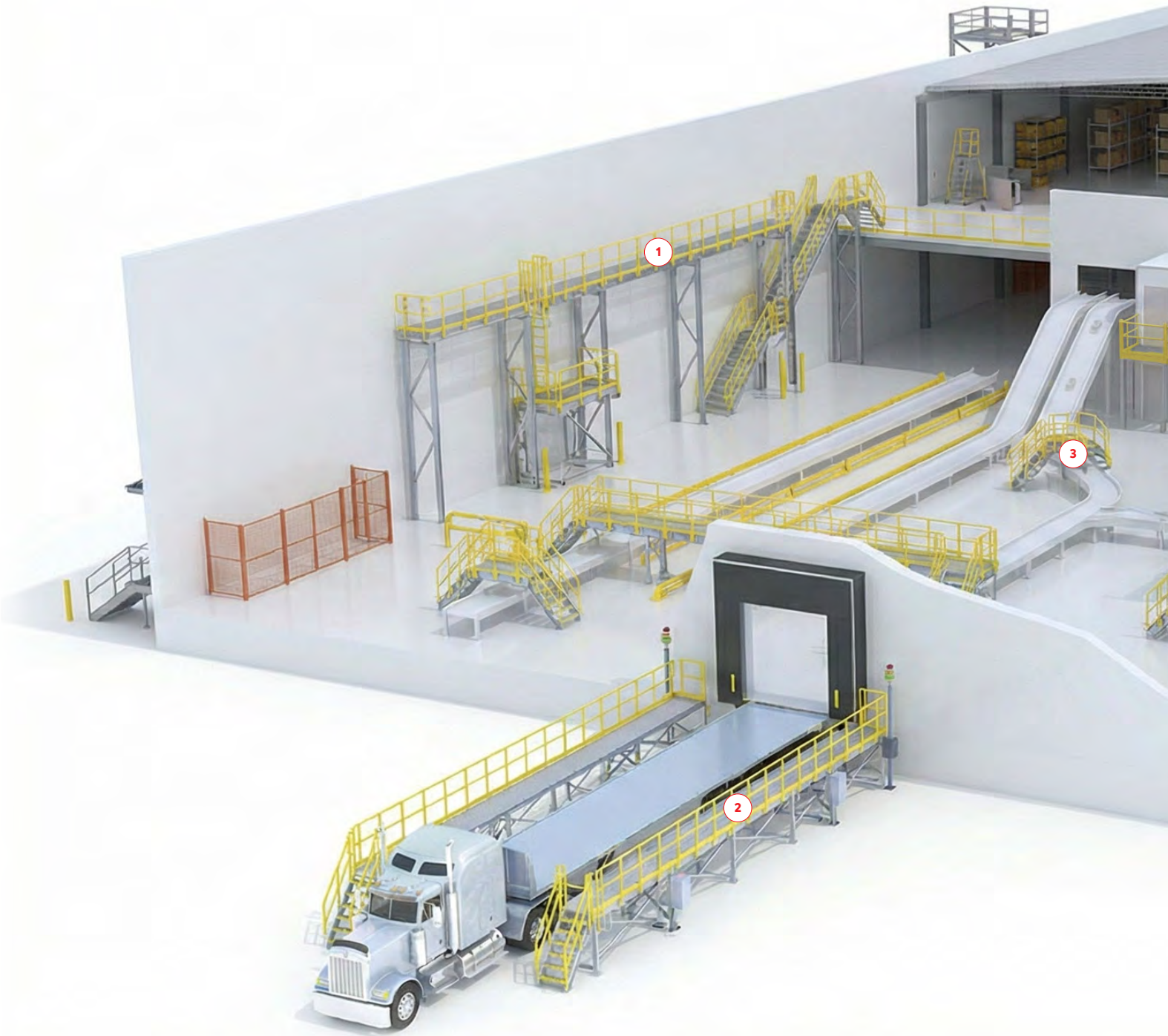
The deployment of this engineered solution delivered immediate, tangible gains for the manufacturer’s daily operations and safety profile:

- ✘ Exceeding the Brief: The final implementation surpassed the client’s original vision, offering superior ergonomics and long-term operational efficiency.
- ✘ Rapid Project Turnaround: We fast-tracked the process from concept to final fit-out, ensuring the facility met its production targets without delay.
- ✘ Optimised Footprint: The custom fit provided a maximum working area while maintaining clear traffic flow around the high-speed production line.
- ✘ WHS Risk Mitigation: By installing a fit-for-purpose platform, the facility effectively eliminated the risk of trips or strains during the manual loading process.

THE COMMERCIAL ADVANTAGE

Moving beyond standard equipment, Star Aluminium developed a bespoke crossover system tailored for the rigorous hygiene and safety standards of a food-grade facility:

- ✘ Custom-Span Engineering: We engineered a long-span platform that provided the crew with total, secure access across the entire tank suite in one go.
- ✘ Precision Stair Geometry: The stairs were configured with specific clearances to hop over the planter box boundaries, integrating seamlessly into the site’s layout.
- ✘ Collaborative Design: Using the client’s original sketches, our team produced a technical concept that validated the solution before a single bolt was tightened.
- ✘ Modular Onsite Assembly: Utilising our modular stair system, the kit was delivered ready for fast installation by the facility’s own maintenance team.



1 STRUCTURAL WALL-MOUNT WALKWAYS

SECURE HIGH-LEVEL ACCESS: SAFE, STEADY ACCESS FOR WALL-SIDE MAINTENANCE AND INSPECTIONS.

SPACE-SAVING STRUCTURAL MOUNT: FREES UP FLOOR SPACE BY MOUNTING TO EXISTING STRUCTURES.

RIGID HEAVY-DUTY BUILD: ENGINEERED FOR A WOBBLE-FREE PATH IN TOUGH AUSSIE CONDITIONS.

2 TRUCK & TRAILER SAFETY PLATFORMS

STOP THE FALLS: DEDICATED FALL PROTECTION FOR LOADING AND UNLOADING FLATBED TRAILERS.

FAST LOGISTICS: GET IMMEDIATE, SAFE ACCESS TO CARGO AREAS TO KEEP YOUR FLEET MOVING.

HIGH-VIS SAFETY: BRIGHT YELLOW HANDRAILS MAKE SAFETY ZONES CLEAR IN BUSY LOADING DOCKS.

3 CONVEYOR LINKWAYS

WALK OVER PRODUCTION: CROSS OVER AUTOMATED LINES WITHOUT STOPPING THE WORKFLOW.

CUSTOM FIT: EASILY ADJUST THE HEIGHT AND WIDTH TO SUIT YOUR SPECIFIC MACHINERY LAYOUT.

NON-SLIP FLOORS: HIGH-TRACTION GRATING ENSURES SAFE FOOTING IN BUSY WORK ZONES.



4 SAFE ROOF CROSSOVERS

CLEAR OBSTACLES: EASILY CROSS OVER PARAPETS, CABLE TRAYS, AND HVAC UNITS ON ANY ROOF.

ROOF PROTECTION: LIGHTWEIGHT DESIGN THAT WON'T DAMAGE ROOF MEMBRANES BUT PROVIDES A SOLID PATH.

FULLY COMPLIANT: DESIGNED AND TESTED TO MEET AS 1657 STANDARDS FOR FIXED WALKWAYS.

5 CLEAN & CLEAR PATHWAYS

REMOVE TRIP HAZARDS: CREATE SAFE, ELEVATED PATHS OVER FLOOR PIPING AND CABLE BUNDLES.

MOVE & RE-USE: CHANGE YOUR WALKWAY LAYOUT WHENEVER YOUR FACTORY FLOOR CHANGES.

MAINTENANCE READY: IDEAL FOR QUICK ACCESS TO PIPES AND VALVES DURING INSPECTIONS.

6 FAST STEP ENTRIES

PRECISION ACCESS: PLATFORMS BUILT FOR SAFE MACHINE SERVICING AND RACKING CHECKS.

360° PROTECTION: INTEGRATED RAILS AND SAFETY GATES KEEP YOUR TEAM SECURE AT ANY HEIGHT.

SOLID FOUNDATION: STRONG TOWER SUPPORTS THAT HANDLE DAILY OPERATIONAL LOADS WITH EASE.

6 FAST STEP ENTRIES

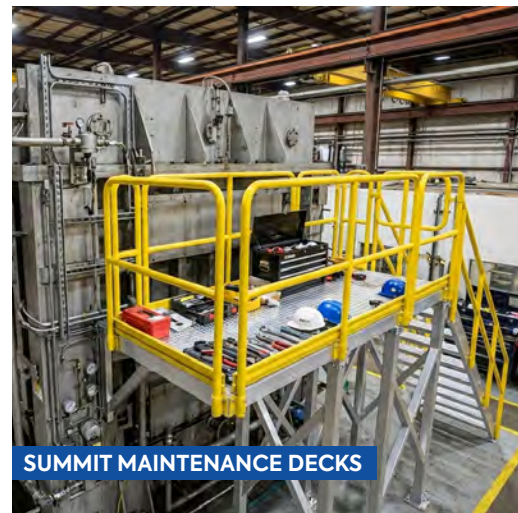
INSTANT STAIRS: PRE-MADE STEP UNITS FOR SITE OFFICES, SHIPPING CONTAINERS, AND CABINS.

NO HOT-WORKS: JUST BOLT IT TOGETHER ON-SITE WITH STANDARD TOOLS—NO WELDING REQUIRED.

EASY ON THE KNEES: ERGONOMIC STEP DESIGN FOR COMFORTABLE, REPEATED DAILY USE.



MODULAR ACCESS PLATFORMS



SUMMIT MAINTENANCE DECKS



PRECISION MACHINE ASCENT STAIRS



POWER-UNIT ACCESS MODULES



CONVEYOR CROSSOVERS



PIPE CROSSOVERS



FUSELAGE SERVICE PLATFORMS