



PROUDLY AUSTRALIAN OWNED & OPERATED SINCE 1999

PLATFORM SPECIALISTS

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Star Aluminum Platform Specialists Catalogue

Proudly Australian owned & operated since 1999.

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ABOUT STAR ALUMINIUM

Established in 1999, Star Aluminium is a family-owned Australian company that has been manufacturing access and height safety solutions for local and international markets. With more than 25 years of experience, our expert team has a relentless focus on designing exceptional, durable products that elevate workplace safety. We specialise in customised steel and aluminium fabrication, assessed to the highest Australian standards for quality and performance.

The company underwent significant and impressive growth under the leadership of the second-generation director, Ali Aydin, who took over the directorship from his highly respected father-in-law, Yakup Akyuz.

Widely acclaimed as a respected leader in the engineering and fabrication sector, Ali has continued to build on Yakup's legacy, expanding Star Aluminium's services from a small ladder outlet and repair service to an accomplished Australian engineering and fabrication establishment.

Ali's continued commitment to his company's success has been the driving force behind its evolution into a leader in the industry. With over two decades of experience, Ali seamlessly manages his family and work responsibilities through evolved management practices and prioritises mentorship and networking. Star Aluminium owes much of its success to its dedication to quality, innovation, and the commitment to build on the legacy of its founder, Yakup Akyuz.



STAR QUALITY



Quality is at the forefront of everything we do at Star Aluminium. As an Australian-made business, we take pride in our ability to fabricate high-quality products while maintaining efficient lead times. Our team of experienced welders sets the bar high, settling for nothing less than the best work and ensuring that every weld meets our rigorous standards for safety and performance.

The quality of our welds allows us to create stronger and more stable platforms that can handle even the heaviest loads with ease. In fact, our access solutions boast unmatched load ratings compared to other models on the market.

This means that you can trust Star Aluminium's products to keep your workers safe and your operations running smoothly, no matter the task at hand.

When you choose Star Aluminium, you can rest assured that you're getting access solutions that not only meet but exceed industry standards for safety and performance. From design to fabrication and delivery, we prioritise quality in every step of the process to ensure that our products meet and exceed your expectations. Experience the difference of Star Aluminium's commitment to quality and safety today.



OUR VALUES



INNOVATION:

We are committed to developing bespoke solutions to suit client requirements whilst maintaining quality adherence.



SAFETY:

We prioritise our staff and client safety by regularly reviewing working conditions and Australian safety.



EXCELLENCE:

We invest in improving and refining our processes to deliver an excellent customer experience.



TEAMWORK:

We pride ourselves in prioritising mutual success in all projects both internally and with client relationships.



CREDIBILITY:

We strive to build credibility through providing realistic lead times, inclusive quotes and investing in staff education.





DISCOVER THE STAR ALUMINIUM 5-STEP SOLUTION:

1

REQUEST:

Share your ideas with us and we'll make them a reality.

2

SITE VISIT:

Our expert design engineers will evaluate your proposal on-site for a precise measurement.

3

TECHNICAL DRAWING:

We provide a detailed quote and drawing for your approval.

4

MANUFACTURING:

Once approved, we get to work on manufacturing your product while keeping you updated on its progress.

5

COMPLETION:

We deliver your final product, ensuring that it meets the high standards we quoted.

**CHOOSE STAR ALUMINIUM FOR A STREAMLINED AND
HASSLE-FREE PROCESS THAT BRINGS YOUR VISION TO LIFE!**

At Star, we take pride in providing our customers with top quality products that exceed their expectations to stand the test of time. Our commitment to excellence and durability sets us apart in the industry.





OUR PRODUCTS

TRUCK ACCESS PLATFORMS- SEMI-WELDED



Includes:

- Heavy duty load rating.
- Meets Australian Standards.
- Adjustable castor wheels providing an extra 300mm of height.
- 13mm grid mesh working deck.
- 3mm checker plate only available on the flat pack version.
- Bolt kit to allow multiple platforms to be joined together.
- Standard safety yellow powder coated handrails.

Optional Upgrades:

- Tool trays.
- Lifting points.
- Forklift pockets.
- Locking chains to attach to trucks.
- Custom platform lengths, widths & heights.
- All terrain tyres with adjustable jacks for brakes.
- Extra handrails to make a fully enclosed platform.
- Optional powder coated handrails to any colour.
- Rubber D-bumper to protect the platform from equipment & vehicles.



Gridmesh working deck



Adjustable castors



TRUCK ACCESS PLATFORM				
Model	Platform Height	Handrail Height	Platform Area	Approx. Weight
2M TAP	1400mm	1000mm	2000mm x 700mm	120kg
3M TAP	1400mm	1000mm	3000mm x 700mm	150kg
4M TAP	1400mm	1000mm	4000mm x 700mm	180kg
6M TAP	1400mm	1000mm	6000mm x 700mm	200kg

TRUCK ACCESS PLATFORMS- FLAT PACK



At Star Aluminium, we fabricate light, maneuverable truck access platforms from rugged Aluminium. This makes them easy to set up and reposition while being strong enough to withstand any weather conditions. Considering your local conditions and height limits, we can build a guard rail that suits any requirement for trucks or working platforms. We put safety first with sturdy handrails to make access easy and safety a priority.

Our design includes round tubing for grip rail and features such as the curved return rail, which allows users a safe way back without having any hard corners. We can also build truck loading platforms with extra castors in the centre of the platform, allowing them to be joined side-by-side when needed without blocking one's path. You can choose from working deck material including checker plate or grid mesh for a strong platform that can be worked on safely and securely.

TRUCK ACCESS PLATFORM (FLAT PACK VERSION)

Model	Platform Height	Handrail Height	Platform Area	Approx. Weight
2M TAP	1400mm	1000mm	2000mm x 750mm	128kg
3M TAP	1400mm	1000mm	3000mm x 750mm	157kg
4M TAP	1400mm	1000mm	4000mm x 750mm	173kg
6M TAP	1400mm	1000mm	5800mm x 750mm	250kg

SAFETY SCREENS & WINGED PLATFORMS



Spigot



Lockable chains



Lockable wheels



Star Aluminium safety screens go hand in hand with our Truck Access Platforms. With in-built chains you can secure the safety screen providing a temporary fall protection barrier, thus improving operator safety as per OH&S requirements. These units come in a standard 2.4M x 2.4M size however can be custom made to any size.

Star Aluminium Winged Platforms are another great innovation and alternative to providing a temporary fall protection barrier with the added benefit of safe access to and from heavy machinery, vehicles, maintenance bays, and other machinery.

Star Aluminium safety screens are designed to stack together when they're not in use, making them easy and compact. They also make a great temporary fall protection system for your staff by helping ensure their safety while fulfilling Australian OHS requirements.

Features

- 2.4m x 2.4m frame size.
- Lightweight aluminium reaching 44.8kgs.
- Lockable wheels.
- Lockable chains.

SAFETY SCREENS & WINGED PLATFORMS



HEAVY DUTY WORK PLATFORMS



Star Work Platforms are one of the highest rated heavy-duty platforms on the Australian market. This range is manufactured from an alloy temper of 6061 T6 aluminium, 4.3mm thick tubing with 3mm check plate decks and safety kickboards on all three sides. This solution has been designed in a flat pack form to keep freight costs to a minimum for all our interstate and international clients. All major components are fully welded with only each section requiring bolting together - all tools, materials & instructions are provided. Manufactured to the Australian Standards: AS/NZS 1170.0-2002, AS 1657-2018, AS/NZS 1892.1 :1996, stamped with a compliance plate, certified by an Engineer for full OH&S compliance and 5 years manufacturing warranty.



HEAVY DUTY WORK PLATFORM RANGE

Model	Platform Height	Handrail Height	Platform Area	Total Base Length	Approx. Weight
Star P2	600mm	900mm	750mm x 900mm	1143mm	40kg
Star P3	900mm	900mm	750mm x 900mm	1268mm	55kg
Star P4	1200mm	900mm	750mm x 900mm	1392mm	60kg
Star P1400	1400mm	900mm	750mm x 900mm	1475mm	70kg
Star P5	1500mm	900mm	750mm x 900mm	1516mm	72kg
Star P6	1800mm	900mm	750mm x 900mm	1640mm	80kg

HEAVY DUTY WORK PLATFORMS



Checkerplate deck with safety kickboards



Standard 2 wheels at rear (P2-P6)



Boom arm, Rear gate



Retractable wheel system (P7-P12)

Includes:

- Heavy Duty platform load-rated at 450kg
- Complies to Australian standards
- 5- year Manufacturing Warranty
- Aluminum Description:
60mm x 40mm x 3mm RHS, 48mm x 4.47mm tube, 100mm x 40mm x 4mm channel, 100mm step section, 3mm checker plate. Alloy temper 6061T6.
- Safety boom arm at front
- Safety gate at rear

Optional Upgrades:

- Extra safety boom arms
- Set of 4 castors + 2 Hammerlocks
- Set of pneumatic wheels
- 13mm Grid mesh deck
- Tool tray
- Lifting lugs
- Side winding jacks
- RHS/LHS side gate access



The maximum compression force obtained during load testing of the STAR ALUMINUM WORK/LADDER PLATFORM "LP1200mm" was recorded to be 7.4kN (7,637kg = 7.6 tonnes)



HEAVY DUTY WORK PLATFORM RANGE

Model	Platform Height	Handrail Height	Platform Area	Total Base Length	Approx. Weight
Star P7	2100mm	900mm	900mm x 900mm	1766mm	90kg
Star P8	2400mm	900mm	900mm x 900mm	1891mm	100kg
Star P9	2700mm	900mm	900mm x 900mm	2015mm	125kg
Star P10	3000mm	900mm	1000mm x 1000mm	2141mm	135kg
Star P11	3300mm	900mm	1000mm x 1000mm	2260mm	145kg
Star P12	3600mm	900mm	1000mm x 1000mm	2391mm	155kg

STAIR PLATFORMS



Our Stair Platforms are one of the highest rated heavy-duty platforms on the Australian market. This range is manufactured from an alloy temper of 6061 T6 aluminum, 4.3mm thick tubing with 3mm check plate decks and safety kickboards on all three sides. This solution has been designed in a flat pack form to keep freight costs to a minimum for all our interstate and international clients. All major components are fully welded with only each section requiring bolting together - all tools, materials & instructions are provided. Manufactured to the Australian Standards: AS/NZS 1170.0-2002, AS 1657-2018, AS/NZS 1892.1:1996, stamped with a compliance plate, certified by an Engineer for full OH&S compliance and 5 years manufacturing warranty.

Includes:

- Heavy Duty platform load-rated at 450kg
- Complies to Australian Standard: AS/NZS 1170.0-2002, AS 1657-2013, AS/NZS 1892.1:1996
- 5- year Manufacturing Warranty
- Aluminum Description: 60mm x 40mm x 3mm RHS, 48mm x 4.47mm tube, 100mm x 40mm x 4mm channel, 45 degree aluminum stair material, 3mm checker plate. Alloy temper 6061T6.
- Safety boom arm at front
- Safety gate at rear

STAIR PLATFORM				
Model	Platform Height	Handrail Height	Platform Area	Total Base Length
Star SP2	450mm	1000mm	750mm x 900mm	1125mm
Star SP3	675mm	1000mm	750mm x 900mm	1350mm
Star SP4	900mm	1000mm	750mm x 900mm	1575mm
Star SP5	1125mm	1000mm	750mm x 900mm	1800mm
Star SP6	1350mm	1000mm	750mm x 900mm	2025mm
Star SP7	1575mm	1000mm	900mm x 900mm	2250mm
Star SP8	1800mm	1000mm	900mm x 900mm	2475mm

STAIR PLATFORMS



Optional Upgrades:

- Extra safety boom arms
- Set of 4 castors + 2 Hammerlocks
- Set of pneumatic wheels
- 13mm grid mesh deck
- Tool tray
- Lifting lugs
- Side winding jacks
- RHS/LHS side gate access

STAIR PLATFORM				
Model	Platform Height	Handrail Height	Platform Area	Total Base Length
Star SP9	2025mm	1000mm	900mm x 900mm	2700mm
Star SP10	2250mm	1000mm	1000mm x 1000mm	3025mm
Star SP11	2475mm	1000mm	1000mm x 1000mm	3250mm
Star SP12	2700mm	1000mm	1000mm x 1000mm	3475mm
Star SP13	2925mm	1000mm	1000mm x 1000mm	3700mm
Star SP14	3150mm	1000mm	1000mm x 1000mm	3925mm
Star SP15	3375mm	1000mm	1000mm x 1000mm	4150mm

ADJUSTABLE WORK PLATFORMS



**Cantilever
Platform**



Platform



ADJUSTABLE WORK PLATFORM

Model	Platform Height	Height Adjustments	Handrail Height	Platform Area (L x W)	Cantilever Length	Total Base Length	Approx. Weight
Star ADJ P1400	1400mm	1400mm - 2200mm	900mm	1200 x 900mm	800mm	2590mm	155kg
Star ADJ P5	1500mm	1500mm - 2300mm	900mm	1200 x 900mm	800mm	2631mm	165kg
Star ADJ P6	1800mm	1800mm - 2600mm	900mm	1200 x 900mm	800mm	2755mm	175kg
Star ADJ P7	2100mm	2100mm - 2900mm	900mm	900 x 900mm	800mm	2579mm	185kg
Star ADJ P8	2400mm	2400mm - 3200mm	900mm	900 x 900mm	800mm	2703mm	195kg
Star ADJ P9	2700mm	2700mm - 3500mm	900mm	900 x 900mm	800mm	2821mm	220kg
Star ADJ P10	3000mm	3000mm - 3800mm	900mm	1000 x 1000mm	800mm	3052mm	235kg

ADJUSTABLE WORK PLATFORMS



Star Aluminium Adjustable Platforms have been carefully constructed and designed in our Melbourne factory and are utilised on projects throughout Australia. Hand railing now comes powder coated to safety yellow for high visibility during operation. Using aluminium with an alloy temper of 6061 T6 and platform load

rated at 200kg and a S.W.L of 150kg for the cantilever, these units are one of the highest rated heavy duty equipment maintenance platforms on the market today. These multiple height platforms are manufactured to the required heights specified by the client in accordance with the Australian standards.

CANTILEVER WORK PLATFORM



Star Aluminium Cantilever Platforms have been utilised as tram and train maintenance platforms, construction platforms, fuel tank platforms and maintenance docking systems, and are designed for those hard-to-reach places. These units have a clearance height to push up against and/or over your required area of access.

The standard wheel system is 4 polyurethane castors, but upgrades are available to scaffold castors and pneumatic castors depending upon specification. Forklift pockets can also be manufactured upon request.



CANTILEVER WORK PLATFORM							
Model	Platform Height	Clearance Height	Handrail Height	Platform Area (L x W)	Cantilever Length	Total Base Length	Approx. Weight
Star CLP3	900mm	800mm	900mm	2000 x1000mm	950mm	2292mm	75kg
Star CLP4	1200mm	1100mm	900mm	2000 x1000mm	950mm	2416mm	80kg
Star CLP5	1500mm	1400mm	900mm	2000 x1000mm	950mm	2541mm	92kg
Star CLP6	1800mm	1700mm	900mm	2000 x1000mm	950mm	2665mm	100kg

CANTILEVER WORK PLATFORM



Cantilever platform



Checker plate deck



Front safety boom arm



Gate with auto-lock

Includes:

- 3mm Checker plate
- 100mm step section 67° angle
- Powder-coated safety yellow handrail
- Standard 4 polyurethane wheels
- Safety arms at front
- Self-closing gate at rear

Optional Upgrades:

- Adjustable Scaffold Castors
- Access hoop
- Tool tray
- Forklift pockets
- All-terrain tyres including adjustable jacks for braking
- 13mm grid mesh working deck option

CANTILEVER WORK PLATFORM							
Model	Platform Height	Clearance Height	Handrail Height	Platform Area (L x W)	Cantilever Length	Total Base Length	Approx. Weight
Star CLP7	2100mm	2000mm	900mm	2000 x 1000mm	950mm	2789mm	110kg
Star CLP8	2400mm	2300mm	900mm	2000 x 1000mm	950mm	2913mm	120kg
Star CLP9	2700mm	2600mm	900mm	2000 x 1000mm	950mm	3037mm	145kg
Star CLP10	3000mm	2900mm	900mm	2000 x 1000mm	950mm	3161mm	155kg
Star CLP11	3300mm	3200mm	900mm	2000 x 1000mm	950mm	3285mm	175kg

SELF LEVELLING STAIRS- SINGLE WIDTH



Star Aluminium Self-levelling Stairs are a great temporary access unit, manufactured to suit various heights in one product. Our Self-levelling Stairs come in various sizes with anti-slip yellow epoxy nosing and high vis yellow hand railing for OH&S compliance. Star Aluminium Self-levelling Stairs provide a temporary access unit that has been popular throughout the building and construction industries.

SELF-LEVELLING STAIRS (SINGLE-WIDTH)					
Model	Height Range	Width	Steps	Load Rating	Approx. Weight
SLS650x6	600mm - 1400mm	650mm	6	2.5 kPa	60kg
SLS650x9	1290mm - 2100mm	650mm	9	2.5 kPa	85kg
SLS650x12	1800mm - 2750mm	650mm	12	2.5 kPa	110kg
SLS650x15	2600mm - 3400mm	650mm	15	2.5 kPa	130kg
SLS650x18	3300mm - 4000mm	650mm	18	450kg	155kg

SELF LEVELLING STAIRS- DOUBLE WIDTH



Checker plate with anti-slip



Removable yellow folding handrails



Support feet



Welded box section with quick lock

SELF-LEVELLING STAIRS (DOUBLE-WIDTH)

Model	Height Range	Width	Steps	Load Rating	Approx. Weight
SLS1200x6	600mm - 1400mm	1200mm	6	2.5 kPa	80kg
SLS1200x9	1290mm - 2100mm	1200mm	9	2.5 kPa	110kg
SLS1200x12	1800mm - 2750mm	1200mm	12	2.5 kPa	140kg
SLS1200x15	2600mm - 3400mm	1200mm	15	450kg	170kg
SLS1200x18	3300mm - 4000mm	1200mm	18	450kg	205kg

SELF LEVELLING STAIRS LANDING PLATFORM



The Self Levelling Stairs Landing Platform (SLS LP) helps to give your worksite a safer and higher access capabilities. Made from strong but lightweight aluminium. It is the perfect

landing deck for any site. Alongside our 5-year warranty, the landing platform is manufactured to the Australian Standards: AS/NZS 1170.0-2002, AS 1657-2018, AS/NZS 1892.1 :1996.

SELF LEVELLING STAIRS LANDING PLATFORM			
Model	Platform Area	Platform Height	Handrail Height
SLS LP 1	1500mm x 1500mm	1000mm	1000mm
SLS LP 2	1500mm x 1500mm	2000mm	1000mm
SLS LP 3	1500mm x 1500mm	3000mm	1000mm
SLS LP 4	1500mm x 1500mm	4000mm	1000mm



GANGWAYS



Introducing Star Aluminium Gangways, the ultimate solution for safe and efficient bridge access. Proudly Australian made and certified to ISO:9001 International Standard, our gangways are designed to withstand the harsh marine environment while providing exceptional performance and durability.

Our gangways are built to a 2.5kpA safety workload, ensuring the highest level of safety for you and your crew. With heavy duty lifting shackles, our gangways are easy to handle and secure, making them the ideal choice for any marine environment.

Choose between our optional deck material of 3mm checker plate or 13mm grid mesh, to best suit your needs. Our 5mm checker plate rigid ramp with locking pins ensures a secure and stable footing, providing you with the confidence you need when boarding your vessel.

Our gangways are backed by a 5-year manufacturer warranty, giving you the peace of mind you need when investing in a high-quality product. Trust in the quality and performance of Star Aluminium Gangways for all your marine access needs. Whether you need gangways for your boat or yacht, we have the right solution for you.

GANGWAY SPECIFICATIONS			
Total Width	Walkway Width	Ramp Length	Handrail Height
1300mm	1200mm	645mm	1000mm

GANGWAYS



Includes

- Rigid but lightweight 6061 T6 aluminum
- Complies with standards AS/NZS 1664.1: 1997
- Heavy duty lifting shackles.
- Load rating of 2.50kpA
- deck material 3mm checker plate or 13mm grid mesh

Optional Upgrades

- Optional gate
- Custom lengths and widths
- Modifications built to specific requirements.
- 5mm checker plate rigid ramp with locking pins

GANGWAY SPECIFICATIONS

Gangway 2	Gangway 3	Gangway 4	Gangway 5	Gangway 6
2000mm	3000mm	4000mm	5000mm	6000mm

MEZZANINE LADDERS

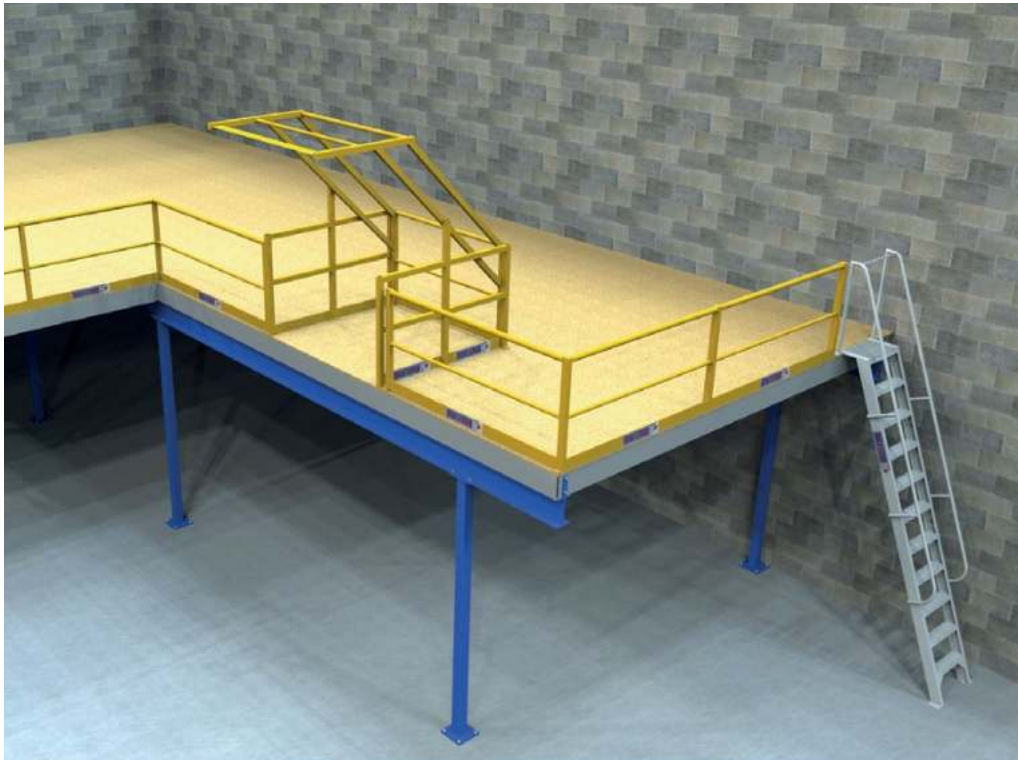


Mezzanine Ladders are a great solution in accessing mezzanine levels. Custom made to suit your height these units are manufactured to a standard width of 620mm with a safety chain at the top. Fully welded unit with 100mm step section and fixing brackets at both the top and bottom making it secure when in use. Prior to making your inquiry, ensure you measure from ground to the height of your mezzanine floor.

Specifications:

- Vertical height to suit any requirement.
- Standard width: 620mm (outside to outside including handrails)
- Ladder Width: 556mm (outside to outside of ladder)
- Handrail height: 900mm
- Comes standard with fixing brackets.
- Removable ladder.
- Can be fully welded or flat pack design.
- Made from alloy Type 6061T6.
- 100mm step section, 67° angle.
- Made to Australian Standards.

MEZZANINE LADDERS



LADDER CAGES & GUARDRAILS

Our ladder access cages and guardrails play an essential role in reducing potential falling risks, providing a secure and safe environment for workers to carry out their duties at a high level. With our aluminium ladder access cages and handrails, you can be confident that your workers are protected, and you are meeting your obligations for workplace safety.

We pride ourselves on our ability to manufacture products that meet your specific requirements. Our team of skilled professionals can work with you to design and create custom ladder access cages and handrailing that meet the unique needs of your work environment. From custom sizing to special features, we can tailor our products to your exact specifications.

Whether you need standard or custom ladder access cages and handrailing, trust in the quality and performance of Star Aluminium. Contact us today to learn more about our products and how we can help you create a safer work environment for your employees.

Includes:

- Modular cage systems & components.
- Lockable solutions available.
- Adjustable landing platform options available.
- Universal bodies to suit your needs.



Adjustable landing platform options



Lockable systems available



Modular cage systems and components



Universal bodies to suit your needs

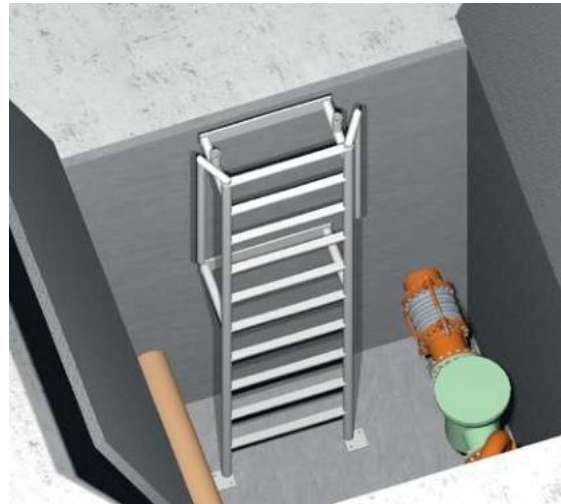


LADDER CAGES & GUARD RAILS

Ladder Cage Sizes	70-degree Ladder (Min/Max Height between Ground & Top Landing)	90-degree Ladder (Min/Max Height between Ground & Top Landing)
1M – 2M	1960mm – 3080mm	2001mm – 3200mm
2M – 3M	2880mm – 4020mm	3001mm – 4200mm
3M – 4M	3820mm – 4960mm	4001mm – 5200mm
4M – 5M	4760mm – 5899 mm	5001mm – 6200mm
5M – 6M	5700mm – 6839mm	6001mm – 7200mm



PIT LADDERS



70- degree angle

90- degree angle

Star Aluminium only designs and manufactures products using strong and rigid aluminium alloy that is also incredibly lightweight – making it an excellent material for the construction of ladders. Star Aluminium's experienced and skilled team constructs sturdy aluminium pit access ladders

that are durable, safe, and will not corrode over time. All Star Aluminium pit access ladders are manufactured on site at our local Australian facility based in Keysborough, Victoria. Every ladder is designed to comply with WorkSafe requirements and Australian Standards

Specifications:

- Built with strong, lightweight construction.
- Alloy type 6061T6.
- Fully welded.
- Load-rated for up to 150kg.
- Lightweight rungs with anti-slip surface.
- 100mm step section or ladder rungs
- Wall brackets.
- Telescopic handrails.



PIT LADDER HEIGHT OPTIONS

1.2M	1.5M	1.8M	2.0M	2.2M	2.4M	2.8M
3.0M	3.2M	3.5M	3.8M	4.0M	4.2M	4.5M



CROSSOVER PLATFORMS



Star Aluminium Crossover Platforms are manufactured to suit your individual access requirements. Each crossover is tailored to specific requirements. These products are utilised in many industries incl. food, dairy and pharmaceutical industries for conveyor and machinery access, building and construction for access over pits, transport, and logistics for maintenance on their fleet, to name a few. Our Industrial Crossover Platforms are lightweight, yet strong platforms that offer safe access when crossing over machinery and equipment.

They are designed to provide safe access without the use of additional ladders or steps while giving users a solid footing over moving parts. Industrial Crossovers can also be used for access to trucks and machines. With a load rating of 450kg, they can handle even the heaviest of loads! And with a handrail height of 900mm, they're safe and easy to use! Plus, with our 5-year Manufacturing Warranty, you can be sure that these platforms will last long into the future!

Includes:

- Heavy Duty platform load rated at 450 kg.
- Complies to Australian Standard: AS/ NZS 1170.0-2002, AS 1657-2013, AS/NZS 1892.1:1996
- 5-Year Manufacturing Warranty
- Aluminium Description: 60mm x 40mm x 3mm RHS, 100x40x4mm, 48mm x 4.47mm tube, 32x3mm tube, 100mm step section, 67° angle or 45 degree aluminum stair material and 3mm checker plate. Alloy temper 6061T6.
- Handrail height 900mm
- 3mm Checker Plate or 13mm mesh optional
- Platform width 700mm (internal 600mm)

Optional Upgrades:

- Boom arms on each side
- Custom sizes and lengths



TRESTLES & PLANKS



Our innovative Aluminium trestle design has many benefits and is the perfect way to provide access in a variety of situations. It can be used as an entrance or exit point, meaning there's no need for you to carry around bulky ladders from location to location. Each Aluminium trestle comes with an added feature that allows it to double up and function as both a sturdy platform and ramp will ensure those tricky tasks are made simple.

- Heavy-duty, surface-gripping rubber infills enhance stability.
- All planks are 225mm wide and 50mm high.
- Load rated up to 225 kg
- Comes standard with extra rungs for your safety

TRESTLES					
Model	Weight	Load Rating	Trestle Top Width	Trestle Base Width	Trestle Leg Adjustment
1.8M Trestle	17.1kg	225kg	600mm	810mm	250mm
2.4M Trestle	22kg	225kg	600mm	910mm	250mm
3.0M Trestle	27.1kg	225kg	600mm	970mm	250mm
3.6M Trestle	32.4kg	225kg	600mm	1040mm	250mm

TRESTLES & PLANKS



PLANKS			
Plank Size	Weight	Load Rating	Width
3M Plank	12kg	225kg	225mm
4M Plank	15kg	225kg	225mm
5M Plank	19kg	225kg	225mm
6M Plank	23kg	225kg	225mm

SINGLE WIDTH SCAFFOLD



Toeboard



Adjustable castors



Grasper



Tray



STAR SINGLE WIDTH SCAFFOLD		
Base Size	Max Platform Height (no outrigger)	Max Platform Height (no outrigger)
1800mm x 750mm	2300mm	5500mm
2400mm x 750mm	2300mm	5500mm
3000mm x 750mm	2300mm	5500mm

DOUBLE WIDTH SCAFFOLD



STAR DOUBLE WIDTH SCAFFOLD		
Base Size	Max Platform Height (no outrigger)	Max Platform Height (no outrigger)
1800mm x 1200mm	3600mm	5500mm
2400mm x 1200mm	3600mm	5500mm
3000mm x 1200mm	3600mm	5500mm

TRIPLE WIDTH SCAFFOLD



Includes:

- Our scaffolds come with 10 years manufacturing warranty.
- Aluminium Description: 48.4mm x 4.3mm vertical tube.
- 48.8mm x 2.8mm horizontal tube and braces.
- Complies to Australian Standard: AS/NZS 1576, AS/NZS 1577.
- Australian made and registered with WorkSafe.
- STAR Scaffolds are manufactured out of 6061.
- Our scaffolds come with 10 years manufacturing warranty.
- Safe and firm platform with all joints tightly engaged, with welding and casting techniques.
- Safe & simple access to stairwells
- Adjustable height castors available for extra adjustment.
- It can be designed and assembled according to any operation request of any special maintenance in all working sites.



STAR TRIPLE WIDTH SCAFFOLD	
Base Size	Max Platform Height (no outrigger)
1800mm x 1800mm	5500mm
2400mm x 1800mm	5500mm
3000mm x 1800mm	5500mm

COMPATIBLE NO BOLT 4700 SCAFFOLD SERIES



The 4700 SERIES features a unique North/South and East/West frame configuration that allows for flexibility and ease of use. 4700 SERIES frames have uniform sizes (915mm high) and can be used anywhere within the scaffold – eliminating the need for designated base frames, guardrail, or intermediate frames.

All frames have uniform sizes (915mm high) and can be used anywhere within the scaffold, thus eliminating the need for designated base frames, guardrail, or intermediate frames, making it easy to assemble, transport and store the scaffold when not in use - allowing you to focus on the project and less time 'scaffolding'.



SCAFFOLD TOWERS – DIMENSIONS BASE DIMENSIONS

Standard Frame Sizes	Scaffold Tower Footprint (L x W)				Maximum Height
0.75M	1.2M x 0.75M	1.8M x 0.75M	2.4M x 0.75M	3.0M x 0.75M	1.5M
1.2M	1.2M x 1.2M	1.8M x 1.2M	2.4M x 1.2M	3.0M x 1.2M	3.6M
1.8M		1.8M x 1.8M	2.4M x 1.8M	3.0M x 1.8M	5.4M
2.4M			2.4M x 2.4M	3.0M x 2.4M	7.2M
3.0M				3.0M x 3.0M	9.0M

Technical Specifications

Load Rating:	450kg
Aluminium:	High grade structural (6061 T6)
Tubing:	4.7mm tube-wall thickness throughout (OD 48.4mm, ID 39.0mm)



OUR JOBS



BP Australia needed to replace their old platforms with up to date, compliant valve access platforms & crossovers for their QLD fuel terminal to allow for a safer working environment, along with more suitable solutions for the task at hand.

Star had recently supplied a standard P2 600mm high platform for another application for BP. BP liked Star's quality product so invited Star to tender for the supply of 11 custom platforms and crossover, designed and fabricated for onsite assembly by BP in Aluminium and steel. Star won the tender and designed, fabricated, and installed 11 custom platforms shown in these pictures.



Mainfreight was having difficulty accessing and strapping multiple heights of freight located centrally on their truck's raised decks whilst loading and unloading. They came to us seeking a solution that allowed adjustable height access with fall protection and additional safety barriers.

Star Aluminium utilised the design made for the Level Crossing Removal Projects and customised the Adjustable Platform to include safety wings for additional fall protection. Mainfreight now uses this version of the platform nationally across their warehousing network. This model of the Adjustable Platform has now made itself a home in our standard product range.



pacificnational

We love a challenge at STAR. So, when Pacific National requested a 13M long custom access platform we were ready. A platform at this excessive length was for loading/unloading 13M tray trucks that they encounter on a weekly basis.

We are currently in the early stages of designing the platform to suit every aspect of the customer's requirements in conjunction with our engineering team to ensure everything meets Australian standards & OH&S requirements.

United

United Petroleum, a leading fuel supplier across Australia, approached our company with a requirement for safe and durable ladder platforms for their truck wash stations. This case study outlines how our company supplied United Petroleum with a range of ladder platforms, including the Star P1400 and Star P5, to meet their needs.

Our company provided United Petroleum with a range of ladder platforms, including the Star P1400 and Star P5. These platforms were designed to provide safe and easy access for truck drivers to reach the windscreen and top of their trucks. The platforms met their requirements for safety and durability, allowing for efficient truck washing operations. The Star P1400 and Star P5 were also praised for their ease of use and maneuverability around the truck wash stations.



WAURN PONDS SOLAR FARM

When the contractor for a solar farm implementation in Waurm Ponds was let down by their incumbent supplier, they engaged our customer to design and fabricate four platforms. After a site visit to inspect the area, the Star Aluminium team identified the terrain the platforms were being fitted to.

Our team designed and fabricated a bolt-together platform system, enabling our customer ease of install on site. The contractor engaged our team to design and fabricate four platforms to wrap around their inverters, and the project was completed within a week of the client's original time frame.

At Star Aluminium, our team will help you design and implement a steel or aluminium project to meet your project needs. We have been designing and building projects out of metal for years – our experts ensure that we give each client what they need at a competitive price point.

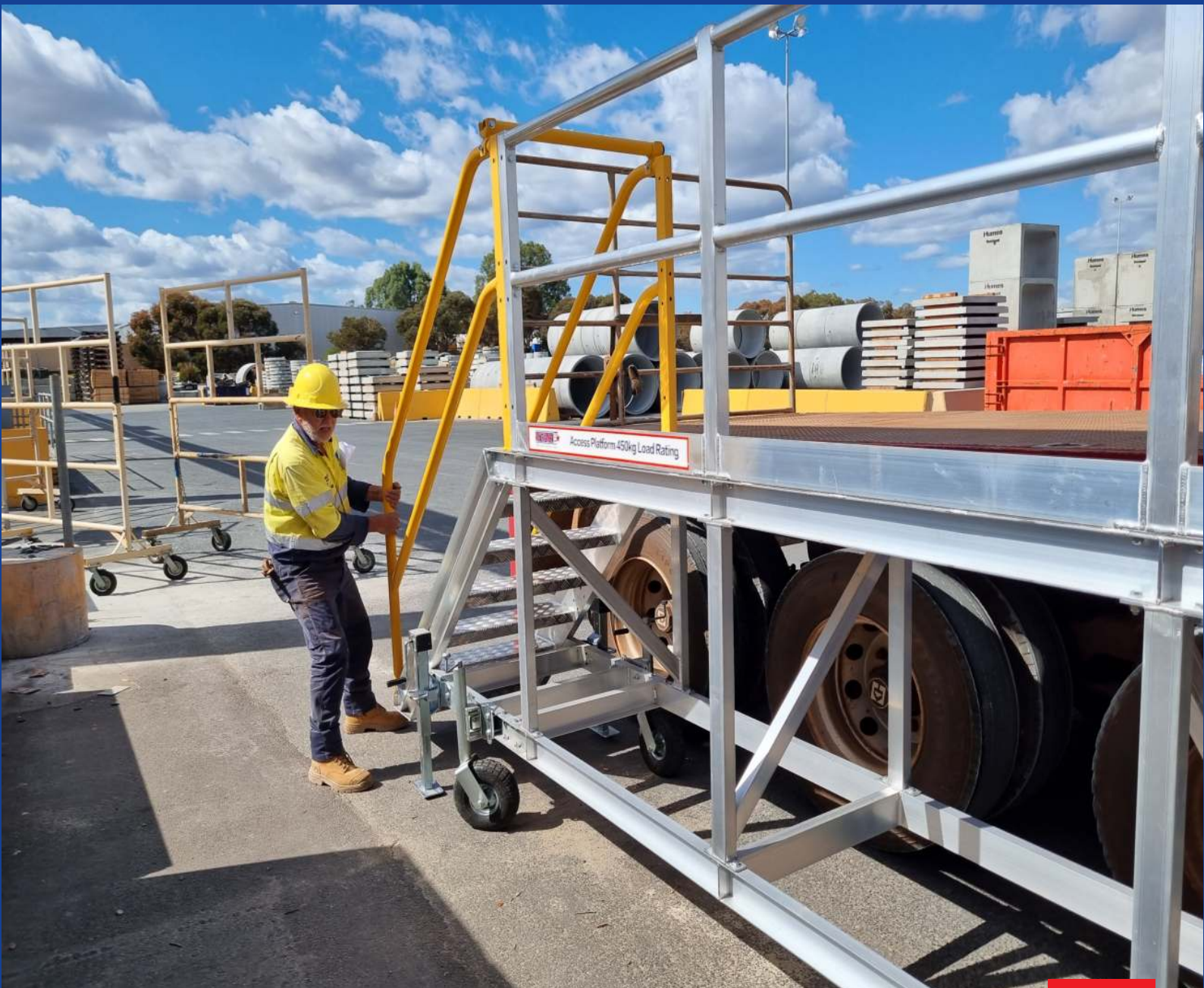


OUR TEAM

Our welding team is composed of highly trained and qualified professionals who are dedicated to delivering top-quality services that exceed our customers' expectations. All of our welders have gone through extensive training and have obtained the necessary certifications to ensure compliance with Australian standards and ISO 9001. You can have peace of mind knowing that our team of experts will complete your welding projects to the highest standards of quality, safety, and efficiency. Whether you need repairs, fabrication, or customisation, our welding team is ready to take on any challenge and deliver outstanding results every time.



Elevate your workplace to the next level with Star's broad range of safety solutions designed to streamline your operations.

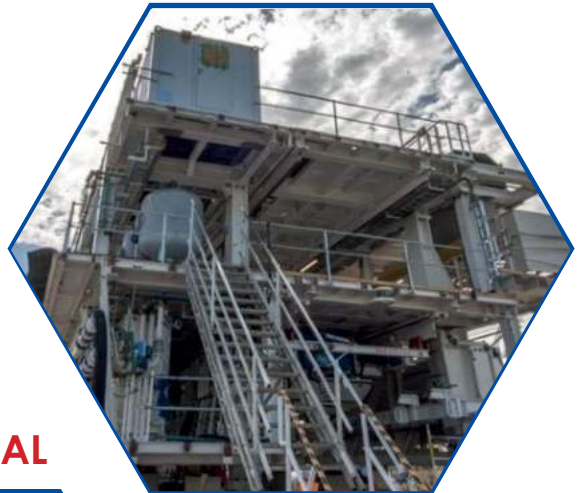


INDUSTRIES WE SERVE

AVIATION



CIVIL



COMMERCIAL



DEFENCE



GAS & ENERGY



INFRASTRUCTURE



MANUFACTURING



MINING



TRANSPORT & LOGISTICS



WAREHOUSE & DISTRIBUTION



WASTE & RECYCLING



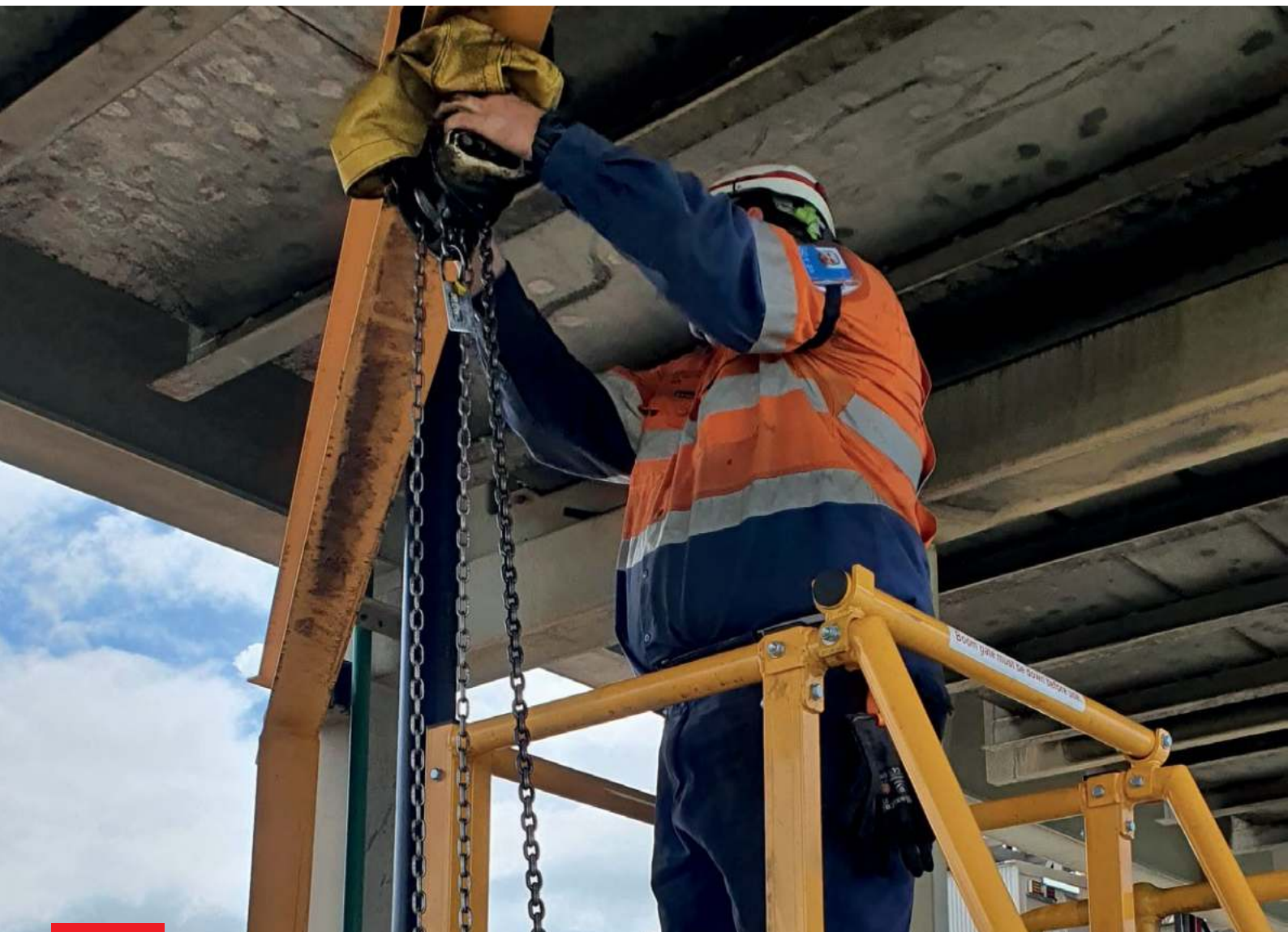
STAR SAFETY

Product Training: Star Aluminium offers training to customers on how to use all products to ensure safety risks are minimised in the workplace. Your industry is our industry. Your predicaments inspire our solutions. Your safety is of utmost importance to us.

Reducing Risk- It is our job to produce safe products when providing solutions for our customers' unique needs.

Our highly skilled engineering team works to determine the risk factors associated with your required solution and ensures our custom solution products are manufactured to minimize all risk factors.

Compliance & Durability: Our highly skilled team ensures that all products conform to Australian standards, building and/or public access codes and certifications.



MCGRATH FOUNDATION

At Star Aluminium, we are proud to be a strong supporter of the McGrath Foundation, an accredited organisation that provides support to people and their families experiencing cancer. To demonstrate our commitment to this worthy cause we have created our own line of products dedicated to raising funds for the foundation. We firmly believe in giving back to our community and supporting the exceptional work that the McGrath Foundation does.

As a company that takes pride in our fabricating, we take it upon ourselves to powder coat the handrails. We are pleased to offer our special edition 'Pink' handrails, in which we are committed to donating 10% of the sales from these platforms to the foundation, helping to support those affected by cancer.



COMPANIES WE WORK WITH

ALSTOM

BOMBARDIER

onesteel



**HUNT
BOILERS**
A Division of Forbes (Aust) Pty Ltd



**JOHN
HOLLAND**



YARRA TRAMS



WATERSURE



WHY CHOOSE STAR?

Whether it's our impeccable quality, or excellent connection with some of the biggest names in the industries, Star continues to strive to keep supplying the industries on the job. After spending almost 30 years in the business you get

to know more about what the customers require for the perfect solution. From our excellent consulting skills to our unmatched fabricating, Star can provide the best solution for you.



AFTERCARE & MAINTENANCE

All our standard products have been stamped to compliance with engineering certification provided for full OH&S compliance. Furthermore, a minimum of 5 years manufacturing warranty is issued at no additional cost. All our products are designed and assessed to the Australian standards. Still not enough? We provide assessment renewal and product inspections as required.

We recommend that all work platforms are inspected monthly to ensure there is no damage from external factors that can cause a safety issue to the user/s and those around. Use of a damaged platform is a hazard. We recommend that you tag the platform as "out of service," call us to discuss the required repairs to bring the platform back up to code.





“Your trusted partner for reliable height access solutions in every industry”



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