



Capability Statement

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Executive Summary

Overview of Weld East

Weld East is a leading Australian provider of specialised welding and fabrication solutions, serving industries that demand precision, quality, and durability in every project. Established with a commitment to excellence, Weld East has become a trusted name in the welding and fabrication sector, known for its skilled craftsmanship, cutting-edge technology, and unwavering dedication to safety.

Our company operates from a state-of-the-art facility that is designed to support projects of all sizes, from small custom fabrications to large-scale industrial solutions. Through our focus on innovation, customer satisfaction, and sustainable practices, we have built lasting relationships with clients across diverse sectors, including mining, construction, marine, and energy.

At Weld East, our approach combines deep technical expertise with a commitment to quality that permeates every aspect of our business. Our team of experienced welders and fabricators brings a wealth of industry knowledge, ensuring that every project is executed with precision and care. We understand that in industries where durability and performance are non-negotiable, our clients need more than just a service provider; they need a partner who shares their values and understands their challenges. With this pursuit in our core, we have grown our reputation for delivering high-quality, tailor-made solutions that meet the exacting standards of our clients.



Mission and Vision

Our mission at Weld East is simple: to set the benchmark for quality and reliability in the welding and fabrication industry. We are driven by a vision of continuous improvement, where each project strengthens our expertise and reinforces our commitment to safety and excellence. Weld East operates under a set of core values that define who we are as a company.



Core Values

Accountability

We take ownership of our work and its outcomes. When we make a commitment, we deliver on it — and if something isn't right, we own it and we fix it. Our word carries the same integrity as our products.

Respect

We treat our people, clients, and partners with fairness and consideration. From apprentice to engineering lead, every voice is heard and valued — it's how we build strong relationships and stronger outcomes.

Kindness

We look after our team and engage honestly with our clients. By supporting each other through every challenge, we've built a workplace — and a business — that people trust.

Excellence

We strive for the best in everything we deliver — on time, on spec, and on budget. Continuous improvement is built into how we work, so every project raises the standard for the next.

Company History

Founding and Growth

Established in 1982, Weld East Metal Fabricators has been a cornerstone of the Australian metal fabrication industry. From its humble beginnings, the company has grown into a powerhouse, renowned for its commitment to quality, innovation, and customer satisfaction.

The 1990s marked a period of significant expansion for Weld East. The company expanded its operations to cater to a diverse range of industries, including mining, transportation, oil and gas, agriculture, and civil construction. This strategic move solidified Weld East's position as a leading provider of custom metal solutions.

As the new millennium dawned, Weld East embraced technological advancements. By investing in state-of-the-art equipment and processes, the company further enhanced its efficiency and precision, delivering superior products to its clients.

Today, Weld East continues to thrive, serving both large corporations and small businesses across Australia. The company's success is a testament to its dedicated team of skilled professionals, its unwavering commitment to quality, and its ability to adapt to the ever-evolving needs of its clients.

Leadership Team



Flavio Bruni
General Manager

Flavio Bruni is an accomplished executive focused on driving operational excellence, strategic growth, and high-performance cultures. With a proven track record in leadership across diverse industries, he excels at aligning organisational strategies with outcomes, leveraging team insights for effective problem-solving, and fostering a culture of continuous personal and professional development. Flavio combines a practical, results-oriented approach with a commitment to mentoring, ensuring both team and company success through sustainable and strategic growth initiatives.



Les Lewis-Lambkin
Workshop Manager

Les brings over 14 years of expertise to the fabrication industry, having embarked on his professional journey with Weld East in 2010 as an apprentice. Completing his apprenticeship in 2013, he demonstrated exceptional growth, earning promotions to Leading Hand and later Workshop Supervisor in 2018.

In 2020, Les played a pivotal role in establishing a dedicated fabrication workshop at Wells St, Bellevue. This facility focuses on steel, aluminium, and stainless steel work, showcasing his ability to manage complex projects.

Known for his effective leadership style, Les excels at guiding his team to achieve precision and excellence in their work. His dedication to quality and collaborative approach highlight his contribution to Weld East Fabricators' continued success.



Chris Houlgrave
Technical Manager

Chris Houlgrave is a highly skilled mechanical designer with a solid background in design, engineering, and customer relations. Proficient in SolidWorks design, drafting, and reverse engineering, he brings expertise in 3D modelling, scan processing, and product development. Chris has extensive experience in logistics management, purchasing, and maintaining product detail knowledge. His professional journey includes roles in mechanical design, drafting, and business leadership, having managed accounts, run his own businesses, and led operations across design and distribution. Chris thrives on solving technical challenges, delivering client-focused solutions, and leveraging his engineering acumen to drive product innovation and operational excellence.

Industry Capability

Welding, Fabrication, Design and Drafting Services

Weld East Metal Fabricators is a leading provider of high-quality welding and fabrication services, catering to diverse industries like mining, construction, oil and gas, agriculture, and civil construction. We specialise in custom metal fabrication, welding, metal cutting, forming, assembly, and installation. Our vertically integrated approach allows WeldEast to control the quality from design through to assembly of the products for clients.

Committed to quality and safety, Weld East employs skilled professionals, utilises state-of-the-art equipment, and adheres to stringent quality control procedures. Our core competencies are anchored on customer satisfaction and are instrumental in delivering exceptional results for projects of all sizes.

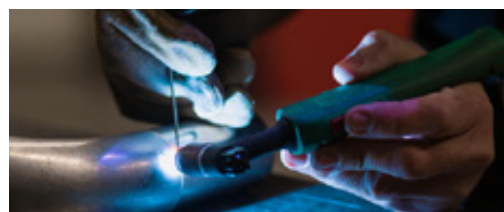
- Engineering design and certification utilising the latest in 3D CAD/CAM software.
- Sheet, plate, and tube bending/rolling.
- MIG, TIG and flux core welding
- Steel, stainless steel, and aluminium fabrication
- Spray paint and industrial coatings.
- Repair, refurbishment and reverse engineering.

Types of Welding Specialisations

Weld East Metal Fabricators specialises in a range of welding techniques to ensure the highest quality and durability of their fabricated products. Our expertise includes:



MIG Welding



TIG Welding



Stick Welding



FCAW

Materials Expertise

We, at Weld East, boasts a deep understanding of various materials, enabling the delivery of tailored solutions for a wide range of applications with optimal performance and longevity as primary consideration. Our metal fabrication expertise extends to:

- **Mild Steel:** A versatile and cost-effective material, ideal for construction and general fabrication.
- **Stainless Steel:** Renowned for its corrosion resistance, it's perfect for food processing, chemical industries, and marine environments.
- **Aluminium:** A lightweight yet durable metal, commonly used in aerospace, automotive, and marine industries.
- **High-Strength Steel:** Offers exceptional strength and durability, making it suitable for heavy-duty applications.

Product Offerings



- Guards, platforms, handrails, stairways and walkways for mobile machinery
- Electrical, fire suppression, control system and hydraulic enclosures
- Certified transport stands and boxes
- Workshop equipment —benches, shelving, storage, trolleys and mobile workstations
- Tanks and pressure vessels
- Certified lifting equipment

Industries Served

Weld East serves a diverse range of industries, providing tailored solutions to meet the unique needs of the following sectors:

- **Mining:** Providing robust and durable equipment and components for mining operations.
- **Construction:** Supplying structural steel, custom fabricated parts, and site installations for various construction projects.
- **Oil and Gas:** Delivering high-quality components for pipelines, refineries, and offshore platforms.
- **Agriculture:** Manufacturing equipment and machinery for farming and agricultural processes.
- **Transportation:** Fabricating components for trucks, trailers, and other transportation vehicles.
- **Manufacturing:** Providing custom metal parts and assemblies for various manufacturing processes.

Certifications and Standards (Engineering and drafting)

Weld East certifies equipment against Australian standards through a combination of rigorous testing, inspection, and documentation processes. Here's a general overview of their approach:

Testing and Inspection

- **Proof Load Testing:** Equipment is subjected to loads exceeding its intended capacity to verify its structural integrity.
- **Pressure Vessel Tank Inspection:** Tanks are inspected for defects, corrosion, and adherence to pressure vessel codes.
- **Leak Testing:** Equipment is tested for leaks to ensure it can maintain pressure and prevent fluid loss.
- **Non-Destructive Testing (NDT):** Techniques like magnetic particle testing, dye penetrant testing, and ultrasonic testing are used to detect internal and surface defects.
- **Material Identification:** Materials used in the equipment are verified to meet Australian standards.
- **Hardness Testing:** The hardness of materials is measured to ensure it meets required specifications.
- **Coating Inspections:** Coatings are inspected for thickness, adhesion, and corrosion resistance.

Design Verification and Documentation

- **Design per Australian Standards:** Equipment is designed in accordance with relevant Australian standards, such as AS 1210 for pressure vessels.
- **Drawings per ISO 9001:** Detailed engineering drawings are prepared to ISO 9001 quality standards.
- **Calculation Packages:** Calculations are performed to verify the structural integrity and safety of the equipment.
- **Design and Drawing Checks:** Designs and drawings are reviewed to ensure compliance with standards and specifications.
- **Stress Modelling:** Computer-aided engineering (CAE) tools may be used to analyse stress distributions and optimize designs.

Certification and Documentation

Once the equipment has successfully undergone testing, inspection, and design verification, Weld East issues a certification document. This document confirms that the equipment meets the specified Australian standards and is suitable for its intended use.

Weld East also provides supporting documentation, such as test reports, inspection records, and design calculations, along with the certification.

Facilities and Equipment

Overview of Workshops and Fabrication Services

Weld East is equipped with modern workshops and fabrication spaces designed to handle a wide range of projects. These facilities are strategically designed to optimise workflow and maximise productivity. With over 42 years of experience, a dedicated team, and a range of equipment, we can efficiently manage and complete projects within tight timelines.

- Located in Hazelmere, WA near major transport links
- Site Size: 8000m²
- Workshop Size: 2400m²
- Pressing: Max 4m long 320T capacity
- Plate Rolling: Max 1200mm wide up to 4mm
- Guillotine: 3m long up to 6mm thick
- Pipe Bending: Up to 60mm OD
- Profile Cutting: Up to 35mm plate with CNC controlled drilling, cutting, and tapping
- Bandsaw: Up to 460UB
- 10 Tonne overhead crane

Key Equipment and Technology

To ensure precision and efficiency, Weld East invests in cutting-edge equipment and technology. Some of the key equipment includes:



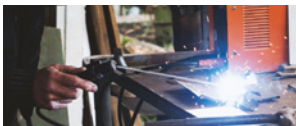
CNC Cutting Machines

High-precision machines for accurate cutting of various materials.



Press Brakes

Powerful machines for bending and forming metal sheets.



Welding Machines

A variety of welding machines for different techniques, including MIG, TIG, and arc welding.



Material Handling Equipment

Forklifts, cranes, and other equipment for efficient material handling.



Inspection Equipment

Tools for quality control, such as ultrasonic testing and magnetic particle inspection.

Project Management Approach



Project Planning and Management Methodologies

We employ a structured project management methodology that involves the following key steps:



We utilise industry-standard project management tools and software to streamline processes and enhance project visibility. We work closely with clients to:

- **Understand Requirements:** Clearly understanding client needs and expectations.
- **Provide Regular Updates:** Keeping clients informed about project progress, milestones, and any potential challenges.
- **Encourage Feedback:** Actively seeking feedback from clients to improve project outcomes.
- **Build Strong Relationships:** Fostering long-term relationships based on trust and mutual respect.

Client Success Stories

Case Study 1: Custom Fabrication

WARRRL Containers for Change

Weld East Fabricators has actively supported Containers for Change (WARRRL) in standardising Drop & Go refund points across the state. This collaboration is part of a broader environmental initiative aimed at promoting sustainable recycling practices and reducing waste through container returns.

The project focused on designing, engineering, and fabricating high-quality bins that would serve as standardised Drop & Go refund points, ensuring a seamless recycling process throughout Western Australia. It also aimed to support local manufacturing and strengthen the regional economy.

The customised bins are now operational across Western Australia, ensuring consistent recycling infrastructure. The collaboration also supports local businesses, showcasing the capacity of Western Australian manufacturers on a state-wide scale. Furthermore, the initiatives contribute to waste reduction and charitable efforts, combining environmental responsibility with social impact.

Weld East Fabricators' partnership with Containers for Change demonstrates that strategic local collaborations can deliver solutions that benefit the environment, support community initiatives, and strengthen local economies.



Case Study 2: Scanning Jobs

785C Powered Stairway

The scope of this job was to reverse engineer a powered stairway for a Caterpillar 789C Dump Truck. A powered stairway is one that is hydraulically operated so it can be raised and lowered about a pivot where it mounts to the truck.

Due to its movement the mounting points need to be precise and the ancillary pieces that are welded to the ladder (such as the ram mounts and handrail mounts) must be in the correct position. Additionally, these ancillaries must be correct so that if we sell a ladder, it must be able to interface with OEM parts that the customer may want to re-use from their truck.

In a case such as this, all the measurements can be taken by hand (which we still do) however taking a scan means we can either model straight over the scan or model from measurements, make a 3D model, then overlay the scan on the model. This can show if anything has been missed and if the crucial parts are in the correct places.

As a result of scanning this job, the process was expedited (saving the client money) and a more accurate result was achieved than by measuring alone.



930E Komatsu LH Platform

This job is a little different than our usual. A customer of ours wanted to modify a platform from a Komatsu truck to fit on a Caterpillar truck, so modifications needed to be made to allow it to mount to the new truck, in addition to retaining the lights in the positions of the previous platform.

In order to do this a scan was taken of the Komatsu platform along with measurements from the Caterpillar truck; to see how the old platform was attached and where the light fittings needed to go. Once the scan was taken and processed, it was imported into 3D modelling software Solidworks as a point cloud and a 3D model of the Komatsu platform was made over the top of the scan. After critical measurements were checked between the scan and the platform, the modifications began.

The struts that mount the platform to the truck were modelled up along with the brackets that attach them to the platform (shown here in purple and green respectively). Part of the platform then needed to be cut away to accept the brackets and to make apertures to fit the fabricated light nacelles. An extra piece of RHS was added to connect with an existing strut on the truck as well. Once all the new items were added to the platform model, technical drawings could be produced in Solidworks. These instruct the fabricators where to cut the platform, how to cut, bend and weld the new brackets, struts and light nacelles and finally how to attach them to the platform.

All of the dimensions involved in this job were critical to facilitate the correct fitment of a large piece of a mining truck to fit a totally different brand of another mining truck. The ability to scan and check dimensions and fitments accurately, meant this platform was sent the customer and fitted the truck first time.



Stationary Dry Stand

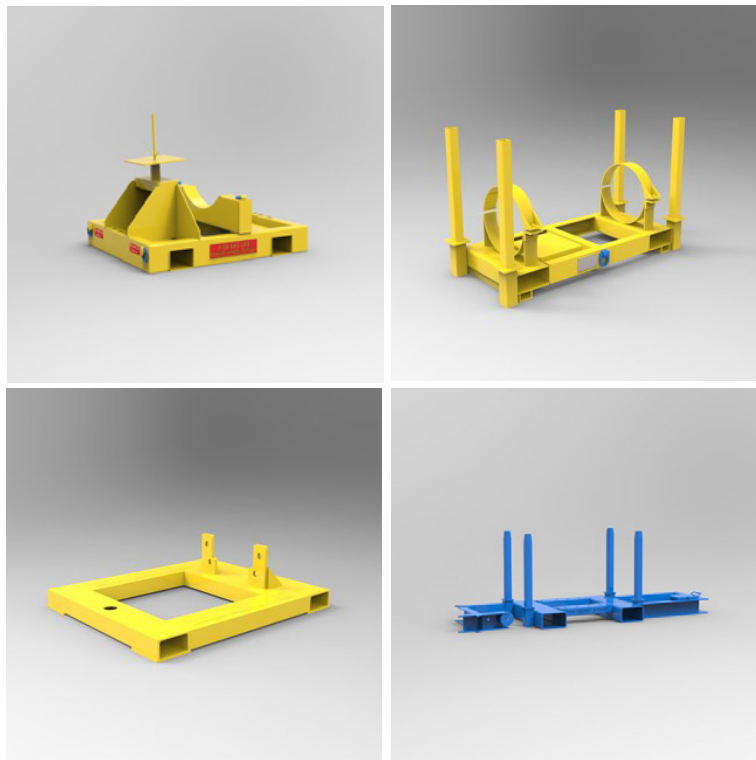
In our line of work, we often get requests from clients who've seen or own one of our products and want it modified for a different task, or adapted for a similar component. This case was the latter.

We had supplied a customer with a stationary dry stand — used to secure the front wheel spindle of a mining truck so it can be stripped down for refurbishment. The stand is a flat platform with two L-shaped brackets bolted on, with bolt holes in their vertical faces. These holes take large bolts that hold the spindle vertically, so components can be slid on and off by crane from above.

Like car parts, truck parts vary between models. This customer needed their stand to hold spindles from Caterpillar 777, 785, 793F Standard, and 793F Long Life trucks. Our stand fit most of these, but a couple sat at an angle and one didn't fit at all. We went to the customer's workshop and scanned each spindle.

Using Solidworks, we imported the scans into the model of our existing stand to see how the bolt holes on the spindles aligned with the brackets. This showed us exactly how to modify the brackets to fit all the requested spindles, and let us send screenshots to the client for approval — demonstrating proof of concept and keeping everyone aligned before manufacturing.

The result is a stand we can now sell to a wider range of customers with minimal extra design time.



Sustainability and Corporate Responsibility

Commitment to Environmental Sustainability

Weld East incorporates sustainable practices into its operations:



Waste Reduction

Implementing waste reduction strategies, such as recycling and proper disposal of hazardous materials.



Energy Efficiency

Adopting energy-efficient practices, including using energy-efficient equipment and lighting.



Water Conservation

Implementing water conservation measures to reduce water consumption.



Sustainable Material Sourcing

Implementing water conservation measures to reduce water consumption.

Community Engagement and Contributions

Weld East actively engages with the local community and supports various initiatives:



Community Partnerships

Collaborating with local organisations on community development projects.



Employee Volunteer Programs

Encouraging employees to volunteer their time and skills for community causes.



Supporting Local Businesses

Sourcing materials and services from local suppliers.



Educational Outreach

Collaborating with schools and universities to promote STEM education and inspire future generations.

Ethical Business Practices

Weld East adheres to the highest ethical standards in all its business dealings:



Fair Labour Practices

Ensuring fair wages, safe working conditions, and ethical employment practices.



Transparent Operations:

Maintaining transparent and honest business practices.



Compliance with Regulations

Adhering to all relevant environmental, health, and safety regulations.



Social Responsibility

Considering the social and environmental impact of its operations.

By integrating sustainability and social responsibility into its business practices, Weld East aims to create a positive impact on the environment and the community.



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