



Pty Ltd

MAKING IT HAPPEN SINCE 1968

Capability Statement





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Image: Charles Darwin University

COMPANY PROFILE

WHO WE ARE

Founded in Brisbane in 1968, Watkins Steel has grown into one of Queensland's most advanced digitally enabled steel fabrication and construction organisations. We combine more than five decades of trade expertise with digital engineering capability to deliver precision steel solutions across complex built environments.

Our integrated approach connects design, detailing, fabrication, logistics and installation through a digitally driven workflow that improves coordination, reduces risk, and delivers greater certainty for clients across diverse sectors.

Key strengths include:

- Over 55 years of steel fabrication and construction experience.
- Digitally integrated workflows from scan to install.
- Structural steel, metalwork and architectural fabrication.
- Capability across commercial, industrial, civil, mining, residential and public infrastructure.
- Expertise in complex refurbishments, heritage projects and tight-access sites.
- Precision delivery that reduces rework, delays and on-site risk.

"To be the best steel fabrication company in Australia" Des Watkins



VALUES, VISION & MISSION

At Watkins Steel, our culture is guided by a clear set of values that shape how we work, communicate, and deliver for our clients and each other. At Watkins Steel we strive to improve the quality of life for everyone we connect with.

Our Values

- Own your journey
- Deliver beyond expectations
- Make it happen
- Think bigger
- Lead through actions

Our Vision

- To strengthen Australian industry and help shape the future of construction and infrastructure through advanced steel solutions.

Our Mission

- To be Australia's most capable, trusted, and forward-thinking steel fabrication partner.

We are focused on delivering precision-engineered outcomes through exceptional service, digital innovation, and smarter manufacturing. By investing in our people and continuously improving how steel is designed, fabricated, and delivered, Watkins Steel remains agile, resilient, and positioned at the forefront of modern steel fabrication.

OUR SERVICES

Watkins Steel delivers fully integrated structural steel and metalwork solutions designed to improve speed to market, reduce project risk, and provide greater certainty across complex construction environments. With all stages managed in-house from site scanning and steel detailing through to robotic processing, fabrication, transport, and installation, Watkins Steel eliminates handover gaps, improves coordination, and enables faster, more accurate project delivery. Our capability spans structural steel, architectural metalwork including handrails, balustrades, screens and stringers, refurbishments, tight-access environments, and bespoke fabrication where precision, sequencing, and constructability are critical.

Core Capabilities

Digital Capture, Engineering & Modelling

High-accuracy 3D laser scanning, point cloud capture, scan-to-model workflows, BIM coordination, 3D detailing, and direct CNC data transfer.

Advanced Manufacturing

Digitally connected CNC coping, drilling and sawing with automated processing accuracy to $\pm 2\text{mm}$ over 12 metres.

Facilities & Production Capacity

18,000sqm combined total footprint, with 11,000sqm fabrication facilities split over two sites, 500+ tonne yard capacity, and annual production capability up to 12,000 tonnes.

Material Expertise

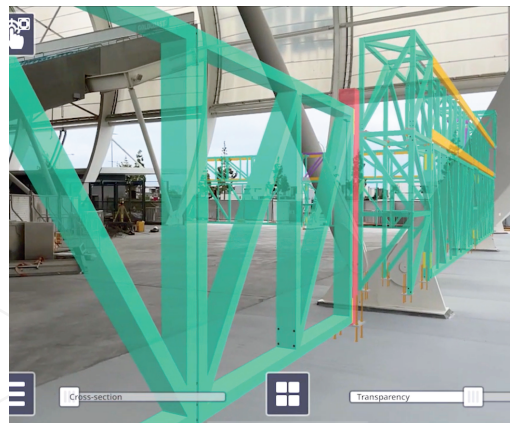
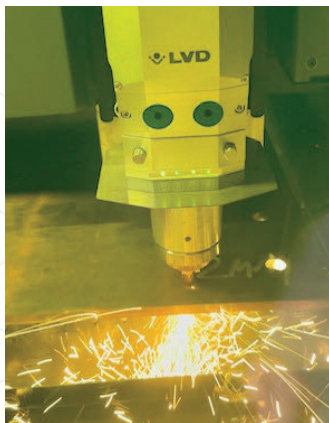
Specialising in structural steel fabrication, with capability across stainless steel and aluminium projects.

Transport, Installation & Site Services

Internal fleet, in-house riggers and dogmen, mobile welding, craneage coordination, and installation capability for loads up to 18+ metres.

Fully In-House Delivery

Integrated digital modelling, estimating, fabrication, project management, and installation teams delivering full control over quality, safety, schedule, and cost.



WS FIVE STEP PROCESS

With a passion for innovating through technology, Watkins Steel continually invests in products that integrate with 3D modeling software for steel detailing.

Unique to Watkins Steel, we have linked and developed the five-step process between each element of steel manufacturing and installation. As a result we can offer clients an integrated delivery process that improves fabrication efficiency and quality, minimises rework, reduces site delays, and enables faster project completion so other trades can progress sooner and assets can be handed over earlier.

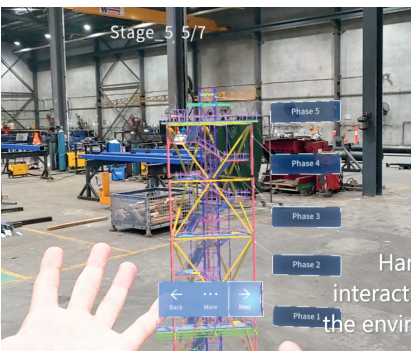
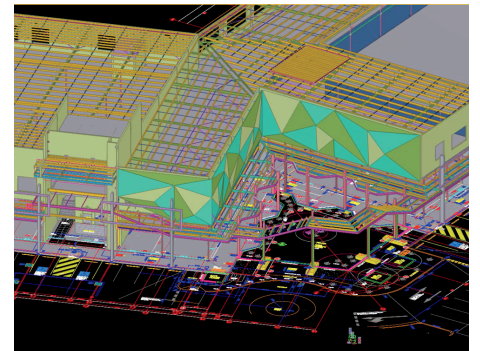
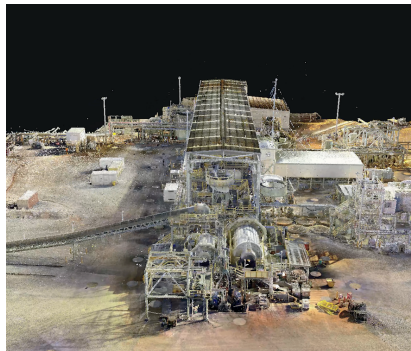
Step 1: Complete site survey - capture 3D image

Step 2: Detail 3D modelling and shop drawings

Step 3: Robotic steel fabrication

Step 4: Digital set out

Step 5: Visualisation with AR/VR glasses



- Proven high-accuracy delivery across all projects
- Precision site measurement
- Detailed, accuracy-driven shop drawings & 3D Modelling
- Accurate on-site layout
- Automated steel fabrication to plus or minus one millimetre over 12 meters

3D SCANNING & SPATIAL DATA

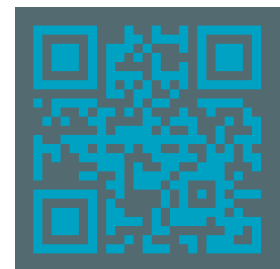
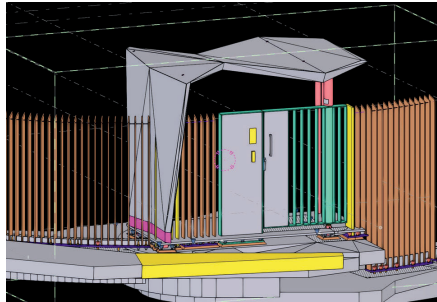
Watkins Steel's advanced spatial data capability is delivered through Holovision, established in 2017 after identifying a critical need for accurate, reliable site data to support steel fabrication and installation. Originally developed to achieve millimetre-accurate site capture for complex steel projects, this capability now supports a wide range of industries including construction, infrastructure, mining, energy, property, and asset management.

Through high-accuracy digital capture and modelling, Watkins Steel and Holovision improve coordination, reduce uncertainty, and enable better decision-making across design, fabrication, and construction.

Spatial Data Capability

- High-accuracy 3D laser scanning and surveying
- Scan-to-model and as-built modelling
- 3D metrology for validation and compliance
- Drone capture for large or inaccessible environments
- Matterport virtual walkthroughs
- Cloud-based spatial data access and collaboration

This integrated capability provides a seamless connection between site conditions, digital engineering, manufacturing, and installation, improving certainty where precision matters most.



*Scan for full
spatialdata capability.*

FACILITIES & PRODUCTION

Watkins Steel operates from a purpose-built facility designed to support efficient, high-quality fabrication across a broad range of structural steel and metalwork projects.

Lean manufacturing principles and digitally connected production systems improve workflow efficiency, reduce waste, and strengthen delivery performance.

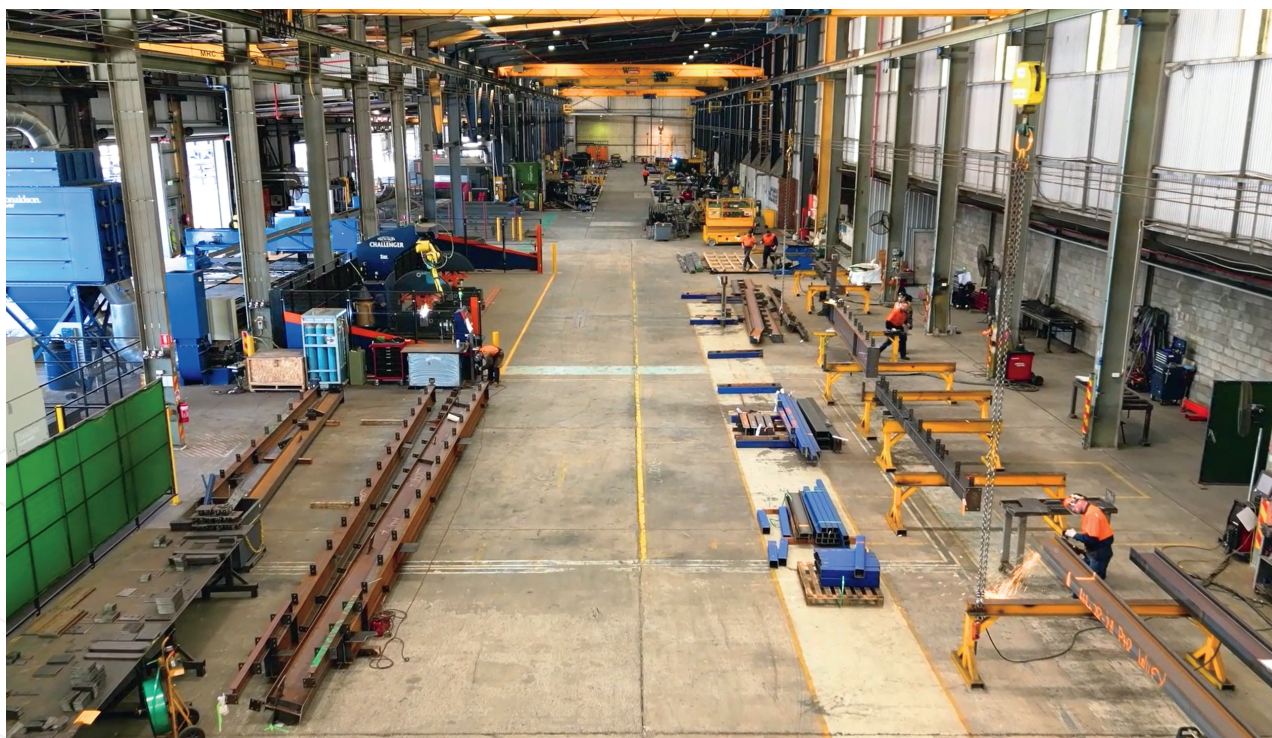
Production Capability

- 11,000sqm purpose-built fabrication facilities across two sites
- Average. 1000 tonnes steel handling capacity per month
- Up to 2,000 production man-hours per week
- In excess of 60 factory and site personnel
- Sixteen overhead cranes (7m under hook)
- Full robotic beamline with drill, saw and plasma coping/cutting
- 3D tube laser cutting up to 600m diameter
- 2D laser and plasma plate processing
- In-house riggers and dogmen
- Extensive internal fleet comprising semi & extendable trailers, crane trucks, and site handling equipment



*Scan for more
information.*

Our facilities are structured to support both routine fabrication and complex project delivery with speed, precision, and control. If you'd like to experience this first hand, book a tech tour, with one of the team.



QUALITY & SAFETY

Safety and quality are embedded across every stage of Watkins Steel's operations, from digital planning and fabrication through to site delivery and installation. We maintain disciplined systems, regular staff engagement, and continuous risk assessment to ensure work is performed safely, efficiently, and to specification.

All steelwork is tracked through approved shop drawings and controlled fabrication processes to ensure full traceability and compliance.

Our Focus

- Continual learning, accountability, and improvement
- Quality-first fabrication
- Controlled delivery environments
- First-class client service
- Strong safety culture

Workforce Certifications Include

- Australian Steel Institute
- SCA CC2 & CC3
- Rigging and dogging
- Confined space
- Forklift operation
- Working heights & elevated work platforms
- WHS officer certification

Quality Commitment

Watkins Steel combines skilled tradespeople with advanced automated processing to deliver consistent, accurate steel outcomes aligned with project requirements.



OUR CLIENTS

Watkins Steel partners with leading builders, developers, contractors, architects, and government organisations across Queensland and beyond, delivering structural steel and metalwork solutions across commercial, infrastructure, industrial, and architectural sectors. Our long-standing client relationships are built on trusted delivery, technical capability, and the ability to consistently perform within complex project environments.



Repeat partnerships are a reflection of trusted delivery and consistent performance.



"Watkins Steel consistently delivers high-quality fabrication, backed by a team that genuinely understands the practical challenges of bringing engineered designs to life."

Steve Reid - Practical Engineering



"A trusted partner for over 16 years, Watkins Steel has built an exclusive relationship, founded on innovation and reliability, consistently delivering better outcomes for our business and our clients."

Kieron Jeffries - Concept

MAJOR PROJECTS OVERVIEW

Over more than five decades, Watkins Steel has delivered structural steel and metalwork solutions across a diverse range of construction, infrastructure, industrial, and architectural projects, with experience spanning complex new builds, refurbishments, and high-coordination environments.

Recent projects include:

- Golden Cockerel Distribution Building - Automated Storage & Distribution Centre
- Coca-Cola Australia – New Can Production Line
- Charles Darwin University – CDU Blue 8 Building
- Mesh and Bar Brendale – Industrial Development
- Teys Wagga Wagga – Refrigeration Gantry
- Palm Beach Aquatic & Community Centre Centre - Admin & Pool canopy
- JBS Aust – Dinmore Chiller Extension
- Queensland Rail – Train Station – Building Renewal and Platform Raising
- Vanuatu – New Marriage Quarters
- 7m Perspex Giant Gem - Bespoke Architectural Design
- Paradise Shopping Centre and Specialty Stores
- Merrimac Biosolids – Sludge Hoppers
- Australasian Head Quarters– Neogen DNA Lab
- Centre of National Resilience Camp – Brisbane

Watkins Steel is experienced in delivering projects within live environments, constrained sites, compressed programs, and technically demanding construction conditions where planning, coordination, and precision are critical.

SECTORS SERVED

Watkins Steel delivers one of the most comprehensive full-service steel fabrication operations in Queensland. We currently provide services to the following sectors:

- Government & Institutional
- Industrial & Logistics
- Energy, Mining & Resources
- Infrastructure & Transport
- Sports, Recreation & Public Spaces
- Architectural Structures
- Heritage Buildings
- Commercial Construction
- High end residential
- Fire Damaged Buildings
- Landscaping & Urban Artscapes
- Refurbishment, Ugrades & Fit-outs

CASE STUDIES

The following projects highlight Watkins Steel's capability to deliver coordinated steel solutions across complex and technically demanding project environments with exceptional outcomes.

Image: Mesh & Bar Facility



Client: SHAPE

Charles Darwin University - Centre for Better Health Futures

Architectural and Structural Steel | Educational

BACKGROUND

Watkins Steel delivered structural and architectural fabricated steel package for the Charles Darwin University Centre for Better Health Futures, a \$30.8M multi-storey health training facility. This large scale project required steel to interface tightly with multiple disciplines.

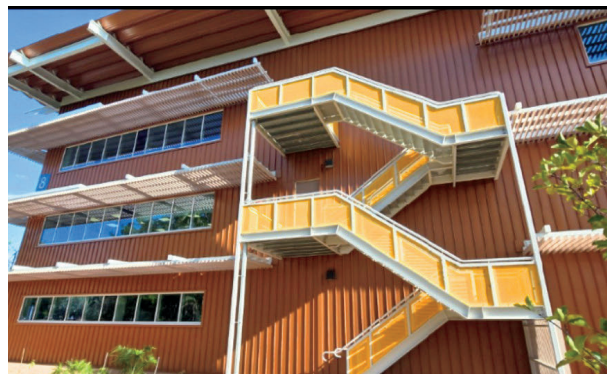
SCOPE

- Fabrication of architectural structural steel and stairwell
- Custom manufacture
- Digital modelling for fabrication accuracy
- Precision site set-out and installation

PROJECT COMPLEXITY

Delivered within a highly coordinated, multi-trade environment, the project required precise sequencing and integration with complex services and architectural elements. Remote logistics from Brisbane to Darwin, combined with tight programme constraints, demanded accurate prefabrication, proactive coordination, and seamless communication to maintain quality, safety, and delivery timelines.

This project demonstrates Watkins Steel's ability to efficiently deliver and install large structural and architectural steelwork nationally.



Coca-Cola Europacific Partners Richlands Facility

New Can Line Expansion | Industrial Manufacturing

BACKGROUND

Watkins Steel was engaged as part of the delivery team for the major expansion of Coca-Cola Richlands production facility, supporting the installation of a new high-capacity canning line within a live operational manufacturing environment. The broader project delivered a \$75 million upgrade, creating CCEP's largest and most efficient canning line globally, capable of processing up to 120,000 cans per hour across five mezzanine levels

SCOPE

- Fabrication and installation of structural steel for new production line infrastructure
- Coordination within staged live-site construction zones
- Sequenced delivery to support restricted access and operational continuity
- Integration with broader industrial upgrade works
- Close collaboration with project partners to support program sequencing and site access constraints

PROJECT COMPLEXITY

Delivered within an active production facility, the project required strict safety controls, controlled access, and accurate sequencing to avoid disruption to live operations.

This demonstrates Watkins Steel's ability to deliver precision steelwork within highly constrained industrial environments.





Client: Penfolds

Scott Street Architectural Residential Project

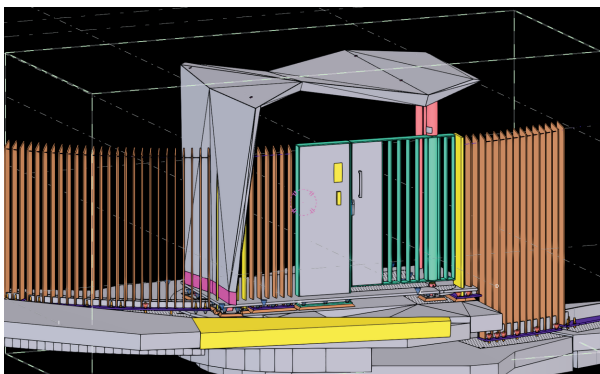
Architectural Entry Structure | Urban Design

BACKGROUND

Watkins Steel delivered the fabricated steel package for a bespoke entry structure at Scott Street, including the gatehouse frame, custom gates, and blade fencing, requiring high precision across detailing, fabrication and site installation to achieve the architectural intent. Using advanced digital workflows improved accuracy and reduce installation risk prior to manufacture and site works.

SCOPE

- Fabrication of architectural gatehouse steel structure
- Custom gates and blade fence manufacture
- Digital modelling for fabrication accuracy
- Precision site set-out and installation



PROJECT COMPLEXITY

The project required close alignment between scanned site conditions, fabricated steel components, and final installed tolerances to achieve the desired architectural outcome. Digital modelling and precision set-out were critical to ensuring all elements aligned accurately during installation.

By integrating spatial data, digital modelling, fabrication, and installation workflows, Watkins Steel delivered a coordinated architectural steel solution with high accuracy and construction certainty.



Client: Evans Built

Mesh and Bar New Warehouse

Fabrication and Installation | Commercial & Industrial

BACKGROUND

Watkins Steel was engaged to deliver the fabrication and installation of a new warehouse and office facility for Mesh & Bar in Brendale, Queensland. The project involved the coordination of structural steel works across both industrial and commercial components, supporting the delivery of a modern, purpose-built facility.

SCOPE

The project comprised fabrication and installation of structural steel across a large-scale warehouse and adjoining office facility, including:

- 12,600m² warehouse roof structure
- 815m² office roof structure
- 472 tonnes of structural steel
- 110 tonnes of roof purlins and wall girts

PROJECT COMPLEXITY

This project highlights the team's ability to adapt and collaborate within a multi-supplier environment. The client, provided their own shop drawings and materials, which required close coordination to align with our robotic fabrication processes.

Watkins in-house drafting team worked seamlessly with production to refine and integrate the supplied drawings and files, ensuring efficient processing and maintaining workflow continuity.

This project demonstrates Watkins Steel capacity to operate at a high production output, with our fabrication progress consistently driving momentum across the program.





Rushforth Water Treatment Plant

Multi-package steel delivery | Infrastructure

BACKGROUND

Watkins Steel contributed to the delivery of critical infrastructure at the Rushforth Road Water Treatment Plant, supporting the construction of a new 16 megalitre enclosed concrete treated water reservoir and associated process structures within an operational treatment environment

SCOPE

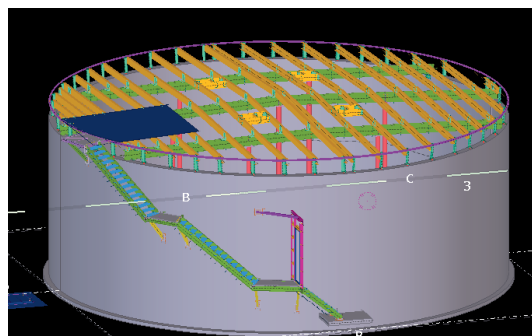
- Fabrication and detailing of structural steel packages for reservoir infrastructure, 60m dia
- Ammonia platform support structures
- Chlorine Contact Tank roof structure and access platform systems
- Access stairs, hatch interfaces, and maintenance access components



PROJECT COMPLEXITY

The project involved multiple interrelated steel packages delivered within a live water treatment facility, requiring controlled design coordination, staged approvals, and precise alignment with process infrastructure and site conditions.

This project demonstrates Watkins Steel's capability to deliver large scale, coordinated, multi-package steelwork for critical infrastructure, where accuracy, sequencing, and collaboration are essential to successful project delivery.





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