



ARCHITECTURAL FABRICATION

COMMERCIAL

Metalcraft Engineering work with construction and architectural specialists to fabricate and implement a variety of custom commercial projects.



At Metalcraft, we thrive on tackling complex challenges in metalwork. Our leadership team combines strategic oversight with hands-on expertise in operations, CAD design, and product development.

Design & Engineering

Our design and engineering teams use full CAD and 3D modelling to turn concepts into practical, buildable solutions. Project managers provide accurate costing, efficient scheduling, and clear communication, ensuring every job is delivered on time and to specification.

Flexible Manufacturing

With advanced tooling, proven systems, and a flexible approach, we deliver everything from one-off custom builds to large-scale manufacturing projects.

Partnerships & Projects

Partnering closely with architects, construction companies, and design specialists, we translate creative concepts into durable, high-quality outcomes. As the trusted contractor on landmark projects across Canterbury and New Zealand, we are recognised for our craftsmanship, reliability, and ability to create spaces of lasting value.

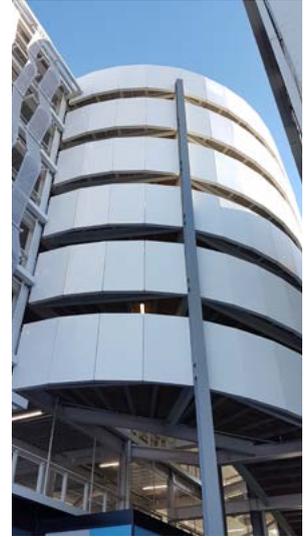
Our People

At the heart of our success is our people. From dedicated project managers to highly trained fabricators and apprentices, every member of our team contributes to solutions crafted with care, engineered for efficiency, and delivered with precision. Skilled supervisors and tradespeople—working with steel, stainless steel, aluminium, and brass—ensure accuracy and quality on the workshop floor, supported by apprenticeships developing the next generation.



The Crossing

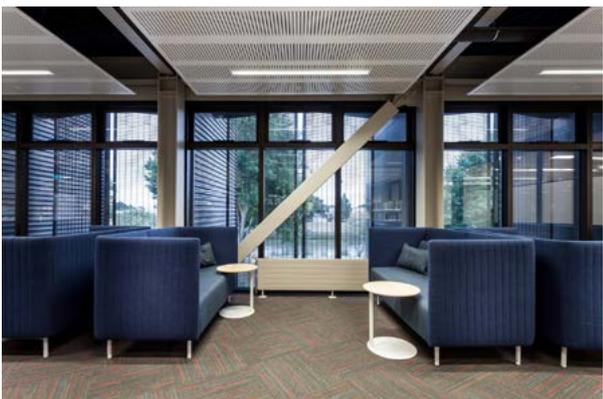
We were the primary metalwork contractor for The Crossing in central Christchurch. Our team worked closely with the main contractor throughout the entire project, delivering significant fabrication elements including the striking exterior panels for the carpark ramps and the architectural entrance panels.



Ruataniwha Kaiapoi Civic Centre, Library & Museum

Metalcraft Engineering was the main metalwork contractor for the Ruataniwha Kaiapoi Civic Centre a 2,000m² community facility housing the town's library, museum, art gallery, and meeting rooms.

Located just metres from the Kaiapoi River, the centre required precision fabrication and installation. Our scope of works included custom shading screens, internal and external stairways and handrails, coloured library panes, security and automated gates, and planter boxes.



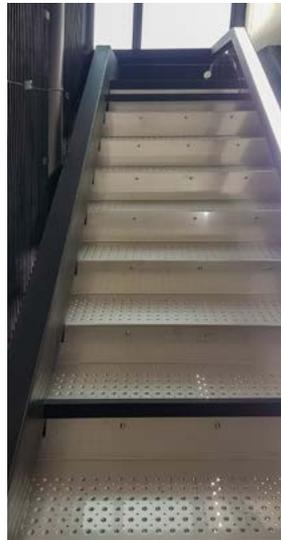
Paragon Apartments, Christchurch

Metalcraft is proud to have been the main metalwork contractor on the landmark Paragon Apartments development in central Christchurch.

This high-profile project required a wide range of custom fabrication and detailed finishing to achieve its architectural vision. Our scope included the custom-built letterbox system, a brass street name and building number feature, stainless steel stair treads and centre panels, stainless steel handrails, internal flashings and centre panels, stainless steel handrails, internal flashings, and external gates with bespoke fence panels.



Every element was designed and fabricated to combine functionality with a refined, high-quality finish that complements the building's striking contemporary architecture. Projects like this highlight our ability to manage multiple specialist components, collaborate closely with architects and contractors, and deliver metalwork that enhances both the practicality and prestige of a development.



Awley Development, Christchurch

Metalcraft was the main metalwork contractor on the Awley Development, a five-storey mixed-use property in central Christchurch.

Our scope of work covered both architectural and functional elements, including the fabrication and installation of brass exterior handrails, stainless steel handrails, external and internal bike racks, and security bollards.

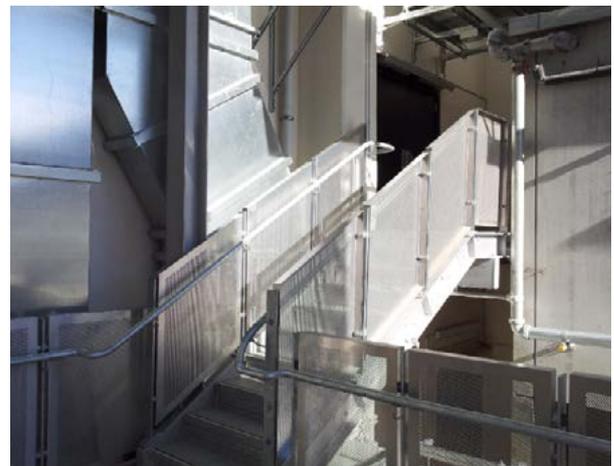


Isaac Theatre Royal

The Isaac Theatre Royal was a landmark project for Metalcraft, and we are proud to have been the main metalwork contractor during its extensive restoration following the damage caused by the 2010–11 Canterbury earthquakes. As a Historic Place Category 1 building, the project required exceptional attention to detail, clear communication with the main contractor, and the ability to balance heritage requirements with modern safety standards.



Our scope of work included the fabrication and installation of balustrade steelwork, lighting brackets within the ceilings, internal access stair balustrades and handrails, fire escape stair balustrades and handrails, and removable balustrades along the stage edge. Each element was carefully crafted to provide strength and safety while respecting the theatre's historic architecture and ensuring its ongoing use as a cultural icon for Christchurch.



Christchurch Polytech

As part of the major redevelopment of the CPIT Christchurch Polytechnic campus, Metalcraft was engaged as the main metalwork contractor for the new Sports & Recreation facility. The project delivered a gymnasium sports hall, weights and training rooms, administration and teaching spaces. Our scope of work included the fabrication and installation of external shading systems, internal and external balustrades and handrails, and AC covers, all designed to combine durability, compliance, and architectural finish.



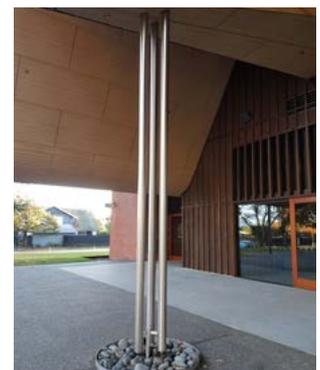
Knox Church

Metalcraft was the main metalwork contractor for the restoration of Knox Church at Bealey Avenue, following extensive damage in the Christchurch earthquakes. Our scope of work focused on the fabrication and installation of exterior handrails, designed to complement the heritage architecture while meeting modern safety standards.



St Andrews Chapel

Metalcraft was the main metalwork contractor for the construction of the Centennial Chapel at St Andrew's College in Christchurch. Built to replace the original chapel destroyed in the 2011 Canterbury earthquake, this project required a balance of craftsmanship and architectural detail. Our contribution included the fabrication and installation of handrails, stainless steel downpipes, and the chapel's cross — with the downpipes in particular forming a striking architectural feature that defines the character of the building.



Blacks Fasteners

Metalcraft undertook retail fit-outs across multiple Blacks Fasteners locations in the South Island. Our scope of work included large sculptural features, exterior displays, architectural fence panels, gates, AC covers, and custom bike racks – all designed and fabricated to enhance both functionality and architectural appeal.



Asko Corner - Craigs Investment Partners

Metalcraft supplied the corten panels featured on the exterior of the Asko Corner building for Craig's Partners. These panels were fabricated to deliver both durability and a striking architectural finish.



University of Canterbury

Metalcraft manufactured and installed all wall panels and handrails throughout the refurbishment of the University of Canterbury's Engineering facilities. The project included a new centralised core linking the existing departments, creating a home base for the College of Engineering and enhancing connectivity across the wider campus.



Foster Park

Foster Park Playground is a unique community space designed for the residents of Selwyn. Metalcraft contributed to the project by fabricating and installing handrails throughout both the inner and outer park areas, with careful attention to detail to ensure safety, durability, and complement the environment.



RESIDENTIAL

At Metalcraft Engineering, custom residential metalwork is at the heart of what we do. From bespoke staircases, balustrades, and handrails to architectural features and functional steelwork, our skilled fabricators bring precision, creativity, and craftsmanship to every project.



Residential Architectural Metalwork

Metalcraft Engineering has built a reputation for delivering custom, high-end residential metalwork that combines function, durability, and design. With more than 30 years' experience as a specialist fabrication and welding company, we have the skills, equipment, and creativity to bring even the most complex architectural concepts to life.

Our residential projects range from bespoke staircases, balustrades, and handrails to shading structures, gates, and custom architectural features that add both value and visual impact to homes. Whether it's a one-off design or a series of repeat products, our team approaches every project with the same level of precision and care.

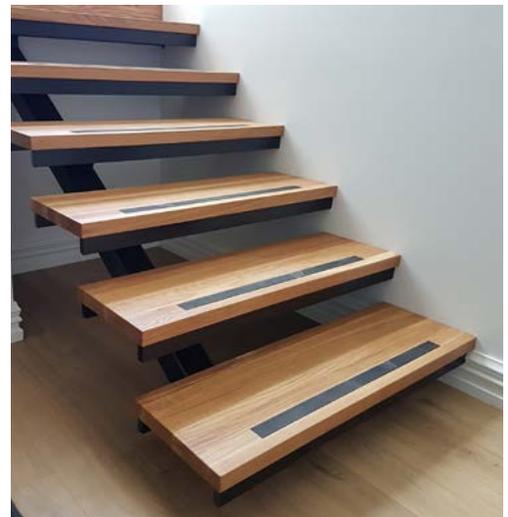
All fabrication is carried out at our Christchurch premises using quality materials, proven health and safety practices, and the expertise of our experienced engineers and fabricators. This ensures every piece meets the highest standards of workmanship before leaving our workshop.

What sets us apart is our flexibility and problem-solving approach. We work directly with architects, engineers, and designers to resolve technical challenges and ensure each design is both practical and visually striking. Our team also manages the complete process from workshop fabrication through to onsite installation, providing clients with a seamless end-to-end service.



We are not restricted to one product line or material. Instead, we thrive on working across all metal mediums, and we integrate non-metal elements such as glass, timber, and polymers through our trusted supplier network. Our investment in product development and innovation gives us proven capability in aluminium, polymer, and plastic components.

Every project is delivered in close partnership with our clients, ensuring the final outcome not only meets structural and functional requirements but also enhances the architectural vision of the home. Whether you're planning a single feature or a whole-house package, our team has the expertise and workshop capability to create a truly unique solution.



RETAIL FIT-OUTS

Retail environments demand spaces that are both functional and visually engaging. At Metalcraft Engineering, we deliver custom fit-outs that bring an architect's vision to life while meeting the practical needs of staff and customers. From striking storefront features to durable interiors and outdoor spaces, our team delivers end-to-end solutions that reflect each brand's identity and create inviting places to shop.

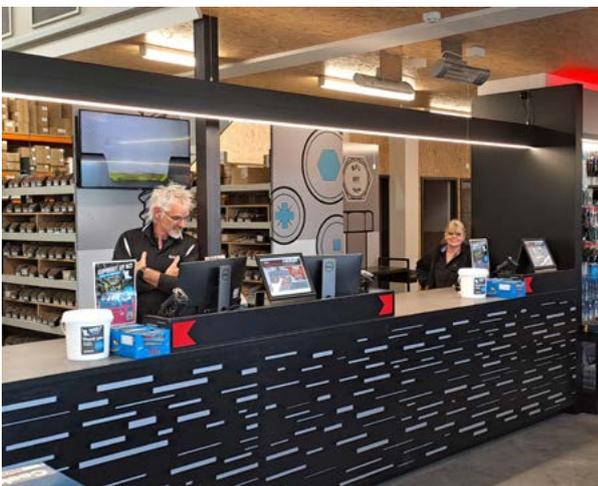


Metalcraft Engineering has extensive experience delivering custom retail fit-outs across the South Island, supporting the roll-out of national and regional store chains. Working in close collaboration with architects and project managers, we provide a full design-to-install service tailored to each client's brand and operational needs.

Our scope of work has included:

- Retail display stands that combine functionality with strong visual impact.
- Sculptural elements and exterior features that create a striking presence at the store front.
- Counters, façades, and architectural detailing designed for durability and daily use.
- Staff areas and office spaces fitted with custom storage, furniture, and partitions.
- Outdoor seating, fencing, and furniture that extend the retail experience beyond the shop floor.

Every fit-out is engineered for strength, crafted for style, and installed with precision, ensuring spaces that are both practical for staff and inviting for customers.





Blacks Fasteners Retail store in Invercargill fit out



Large fabricated bolts create a great architectural feature



Entrance canopy and cladding manufactured and installed



Architectural fence panels and bolts feature



Blacks Head office in Christchurch



Retail display storage bolts



CUSTOM FABRICATION

At Metalcraft Engineering, custom fabrication is at the core of our business. We combine skilled craftsmanship, advanced workshop capability, and a solution-focused approach to deliver everything from one-off bespoke pieces to full production runs. Working across residential, commercial, retail, schools, and council projects, we create high-end, architecturally finished products in all metal mediums – tailored to meet the unique needs of every client.



Custom metalwork is where Metalcraft Engineering began – and it remains at the heart of what we do. With over 30 years' experience as a jobbing shop, we are proud to deliver both bespoke one-off pieces and larger production runs for residential, commercial, retail, school, and council projects.

Our portfolio is wide-ranging, with completed projects including storage facilities, retail stands and sculptures, simulation stands, corten steel structures, chimneys, letterboxes, playground and fitness structures, shading and façade covers, supermarket trolley bays, church crosses, fireplace surrounds, coloured panel structures and signage.

Our team of highly skilled fabricators engage fully with each project and its purpose. Backed by an extensively equipped workshop of machinery and design tools, we specialise in producing high-end, architecturally finished products across all metal mediums.



We are a solution-based workshop, not limited by product type or material. Alongside metalwork, we draw on an extensive network of partners to integrate non-metal elements, and we invest in product development – with proven capability in aluminium, polymer, and plastic moulding through our library of dies.

From design and prototyping through to fabrication and installation, we work closely with clients to turn ideas into reality. Whether you need a single bespoke item or a full manufacturing run, Metalcraft Engineering has the flexibility, expertise, and commitment to deliver.



Signage

Metalcraft designs and fabricates durable, architecturally finished signage using a variety of premium materials. Our capabilities include brass numbering, laser-cut corten panels, and stainless steel laser-cut numbers and letters, ideal for street signage, building identification, or permanent feature signs.



Gates

We design and fabricates custom gates that combine strength, style, and functionality. From powder-coated alloy gates, timber-clad steel frame gates, perforated alloy panel designs, to fully automated gate systems. Each gate is built to suit its environment, offering durability, security, and an architectural finish.



Letterboxes

We design and fabricate custom letterboxes in a variety of premium finishes, including brass, laser-cut stainless steel, and powder-coated alloy. Each design is built to order enhancing the entrance of any property.



Enclosures & Surrounds

We create custom enclosures and surrounds using a wide range of materials to suit both function and style. Options include raw steel cladding, hot-rolled steel, powder-coated alloy, and laser-cut finishes, all designed to deliver durability, security, and an architectural edge.



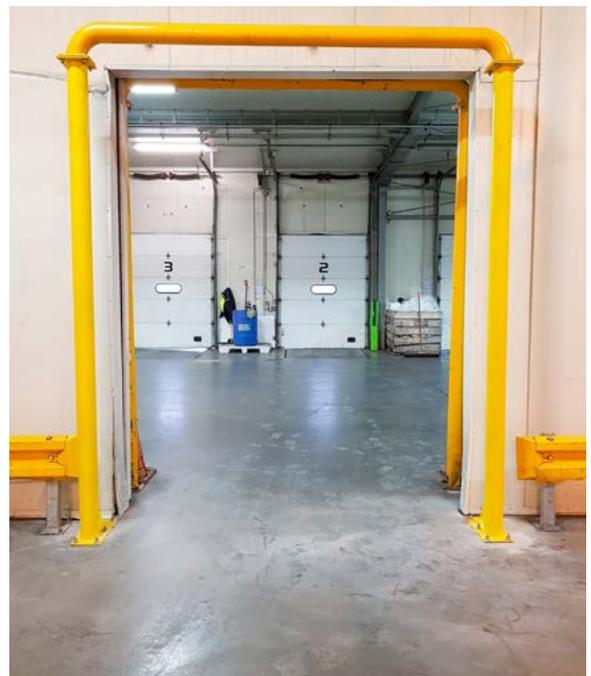
Corten & Weathered Steel

Metalcraft Engineering works with corten and weathered steel on projects ranging from large architectural installations to smaller residential features. Popular for planter boxes, fencing, patterned panels, and garden art, corten offers both strength and visual impact. Its natural rust-like patina forms a protective layer, giving it exceptional durability and low maintenance, making it ideal for outdoor environments where long life and striking aesthetics are equally important.



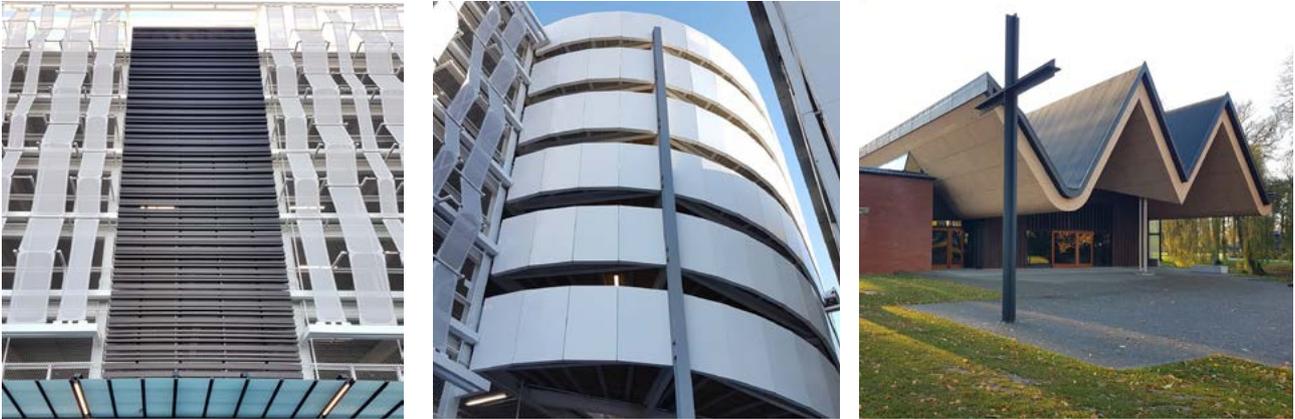
Bollards

We design and fabricates bollards and protective systems that deliver strength, safety, and style for commercial spaces. From trolley bays to protection bollards for door surrounds, our solutions are built to withstand impact while enhancing the surrounding environment. We manufacture using stainless steel, galvanised steel, and painted steel for high-visibility applications,



Custom Metalwork

Custom fabrication is at the heart of Metalcraft, and over the years we've delivered a wide variety of architectural and bespoke projects. Our portfolio includes large architectural features fabricated from box section alloy, building façade panels in powder-coated alloy, and a striking painted galvanised steel cross for a major church. We also create vertical steel panels, chimney surrounds, and sunshades — all crafted in powder-coated alloy to provide durability, style, and performance for both interior and exterior spaces.



We also specialise in projects that combine practicality with architectural design. Our work has included planter boxes with hardwood seating, laser-cut alloy fencing, rolled rings for sculptural features, and playground equipment fabricated in galvanised or painted steel. Beyond architectural work, our team has manufactured storage cages, a jet boat simulator for the Australian Navy, and other custom projects that demonstrate our ability to adapt, innovate, and deliver in almost any setting. Whatever the project, our skilled fabricators, advanced workshop, and solution-driven approach ensure that every product is made to last, tailored to fit its purpose, and built with precision.



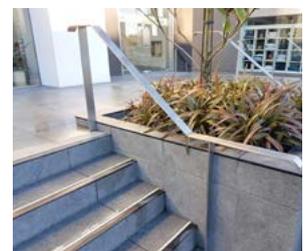
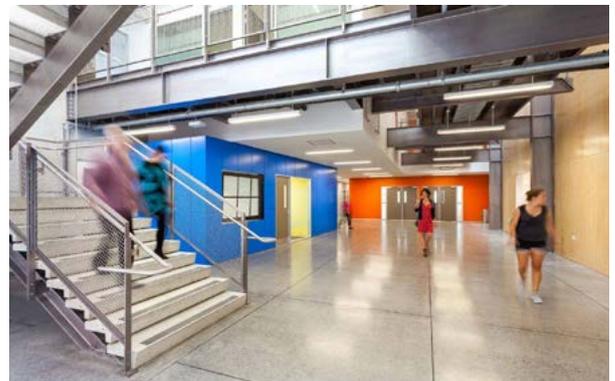
BALUSTRADES & HANDRAILS

Handrails and balustrades are more than functional – they’re an important architectural feature that add safety, durability, and style to a space. At Metalcraft Engineering, we provide a complete service from site measure and design through to fabrication and installation. Working with a wide range of materials and finishes, we create custom solutions that complement your home or commercial project.

Commercial Handrails & Balustrades

Metalcraft Engineering partners with architects, engineers, and construction companies to deliver high-quality architectural balustrades and handrails for commercial projects of all sizes. From site measure and design through to fabrication and installation, we provide a full end-to-end service for both internal and external projects..

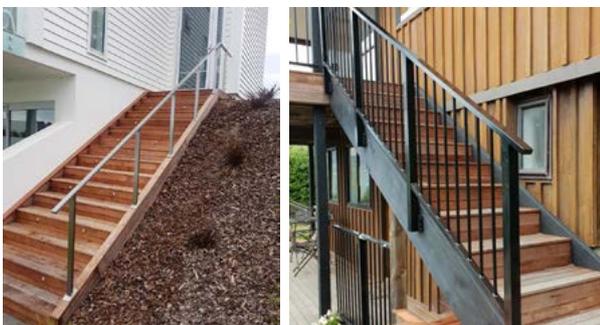
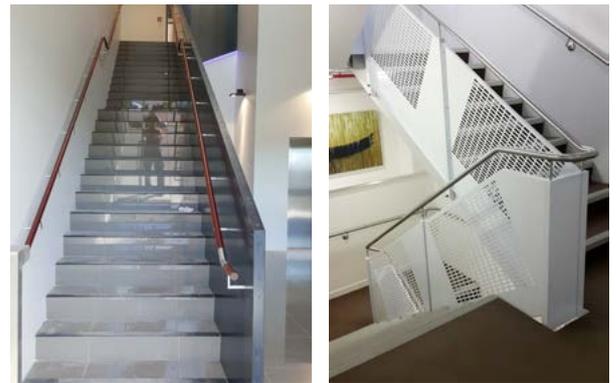
Our commercial solutions combine strength, compliance, and aesthetics, with exterior systems hot-dip galvanised and powder coated for durability in high-use environments. We regularly collaborate with independent engineers to ensure design certification requirements are met, giving confidence that every project complies with regulations.



Residential Handrails & Balustrades

Handrails and balustrades are not only functional, they also add a crafted architectural finish to the home. At Metalcraft Engineering, we work with homeowners and designers to create custom designs that complement existing themes while providing safety and durability.

Our service covers site measure, design, fabrication, and installation, with the flexibility to work across a wide range of materials including stainless steel, wrought iron, aluminium, brass, glass, and forged detailing. Exterior handrails and balustrades are galvanised and powder coated to withstand New Zealand conditions, ensuring longevity and style.



metalcraft
ENGINEERING

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