

**metalcraft**  
ENGINEERING



# PRODUCT CATALOGUE

Industry leading Architectural Engineering and  
Metal Fabrication.

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# ABOUT US

## World leading. New Zealand made. Built to last.

Metalcraft Engineering is a Christchurch-based fabrication and design specialist working across all metal mediums, with particular expertise in architectural metalwork and flat panel handling solutions for the glass, and window industries. From one-off custom builds to full product ranges, our team combines design collaboration, advanced manufacturing, and a passion for quality to deliver complete solutions—including site measuring and installation.

Since 1991, our guiding principle has been *Innovation by Design*. By blending strong engineering expertise with 3D CAD design and CNC machining, we continually improve production quality, reduce costs, and deliver equipment and solutions trusted both in New Zealand and around the world.

Proudly NZ made and exported globally, our products are recognized for world-leading design, innovation, and reliability.

At the heart of Metalcraft is our people. We invest in training and apprenticeships, fostering technical excellence, long-term expertise, and a culture of innovation. Known for tackling complex challenges and developing niche products, we value flexibility, craftsmanship, and strong industry relationships. Every product we build is designed for exceptional quality, durability, and safety—helping our customers achieve greater efficiency, reduced damage, and longer service life.

# CAPABILITIES

At Metalcraft, our strength lie in the skills of our people, supported by advanced technology and robust systems. With more than 30 years of experience, we combine design, fabrication, and project management expertise to deliver solutions that are innovative, practical, and built to last.

## Experience

With a problem-solving mindset, our team thrives on tackling complex challenges in metalwork, glass, window, and panel handling and transport. Leveraging deep industry expertise, we develop best practices and innovative techniques that improve efficiency, safety, and reliability.

- **Experienced leadership.** Our leadership team brings extensive expertise in operations, product development, and CAD design, combining strategic oversight with a hands-on approach that drives innovation and efficiency.
- **Design & engineering excellence.** Design teams specialises in solution conception, product development, and design for manufacture, utilising full CAD and 3D modelling capabilities.
- **Project management & QS.** Accurate costing, efficient scheduling, and clear communication ensure projects are delivered on time and within budget.
- **Production leadership.** Skilled supervisors oversee work flow on the floor, ensuring efficiency and precision across fabrication processes.
- **Skilled tradespeople.** Fabrication teams work confidently with mild steel, stainless steel, brass, and aluminium, supported by apprenticeships that develop the next generation of tradespeople.

## Expertise

The combination of skilled staff, advanced tooling, and proven systems allows us to deliver small one-off jobs to large commercial projects. Whether it's a unique custom solution or the manufacture of an entire product range, Metalcraft remains flexible, responsive, and committed to quality craftsmanship.



NEW ZEALAND  
MADE



INDUSTRY  
LEADER



QUALITY &  
LONGEVITY



INNOVATION &  
DESIGN



EFFICIENCY &  
EASE OF USE



SAFETY &  
PROTECTION



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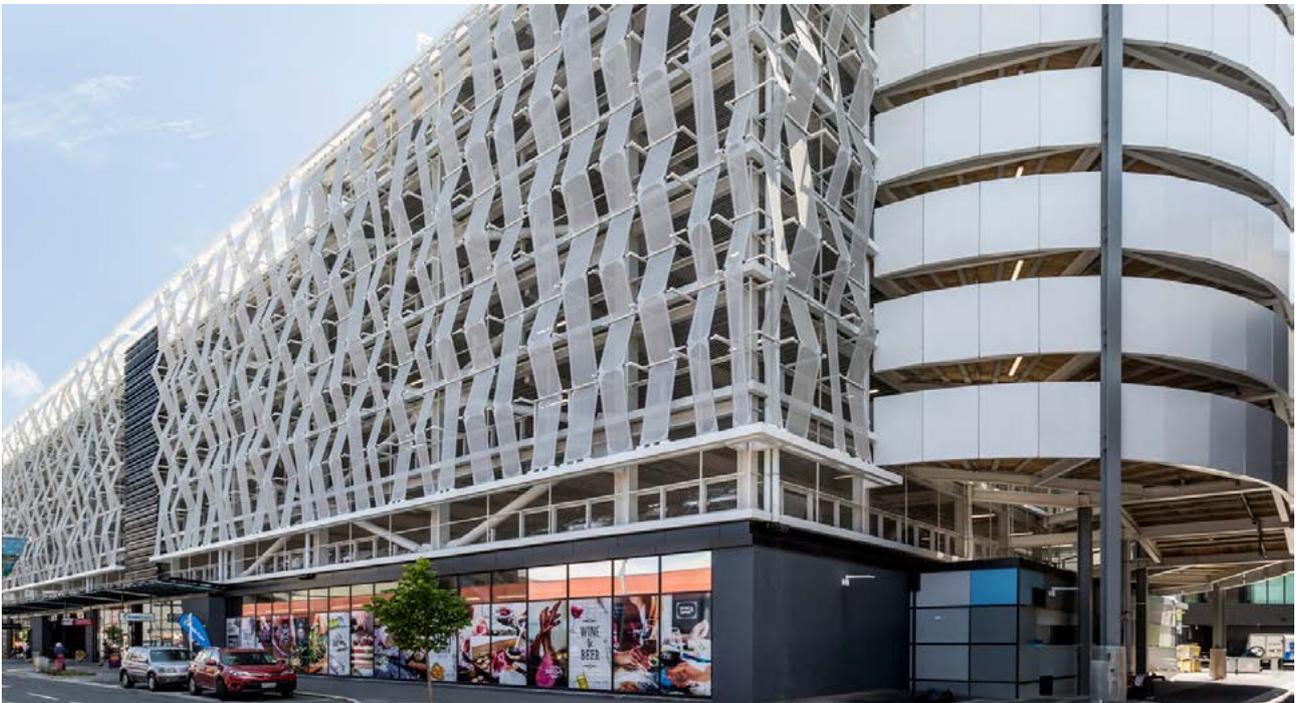
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# ARCHITECTURAL FABRICATION

## COMMERCIAL

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



Metalcraft Engineering partners with leading architects, construction companies, and design specialists to deliver high-quality custom metalwork for commercial projects across Canterbury and throughout New Zealand. From large-scale builds to unique one-off installations, our team brings precision, creativity, and reliability to every job.

We work closely with architects at the design stage, translating creative concepts into practical, buildable solutions. By combining technical expertise with an understanding of architectural intent, we ensure every detail is fabricated to specification and finished to the highest standard.

As the main metalwork contractor on many landmark projects, we have built strong relationships with architects and builders alike. Our flexibility means we can adapt to the demands of complex commercial builds while delivering on quality, craftsmanship, and timelines.

What makes these collaborations rewarding is seeing the results first-hand—walking through completed sites and knowing the design, planning, and teamwork that went into creating spaces of lasting value.



## The Crossing

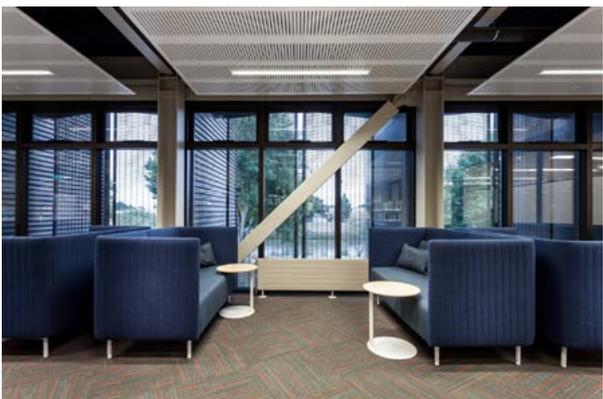
We were the primary metalwork contractor for The Crossing in central Christchurch. Our team worked closely with **the main contractor** throughout the entire project, delivering significant fabrication elements including the striking exterior panels for the carpark ramps and the architectural entrance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



## Ruataniwha Kaiapoi Civic Centre, Library & Museum

Metalcraft Engineering was the main metalwork contractor for the Ruataniwha Kaiapoi Civic Centre a 2,000m<sup>2</sup> 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.



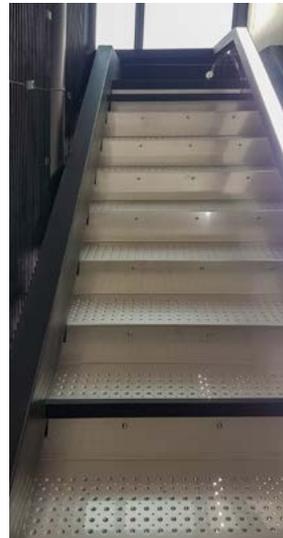
## Paragon Apartments, Christchurch

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 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

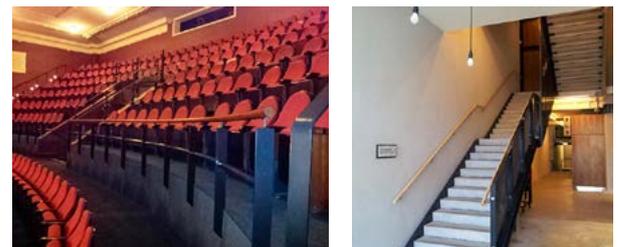
Metalcraft was the main metalwork contractor on the Awley Development, a five-storey mixed-use property in central Christchurch.

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.

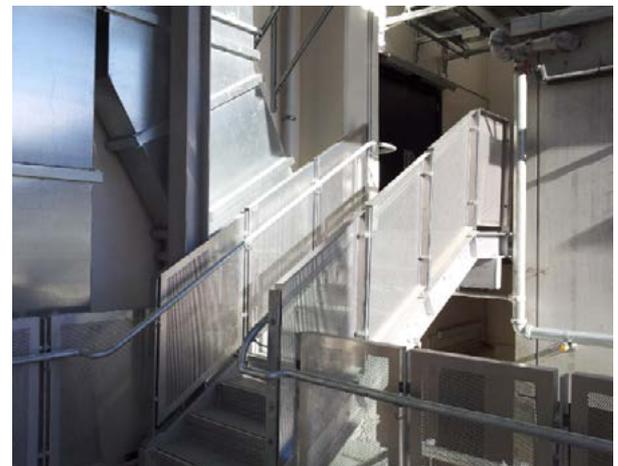


## Isaac Theatre Royal

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.



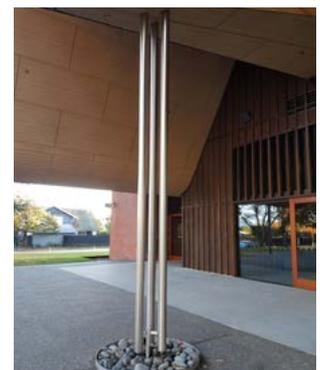
## Knox Church

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.

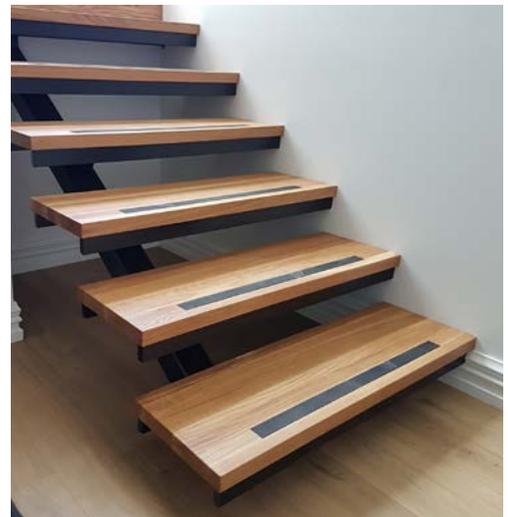
All fabrication is carried out at our Christchurch premises using quality materials, proven health and safety practices, and the expertise of our experienced engineers and fabricators. This ensures every piece meets the highest standards of workmanship before leaving our workshop.

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.

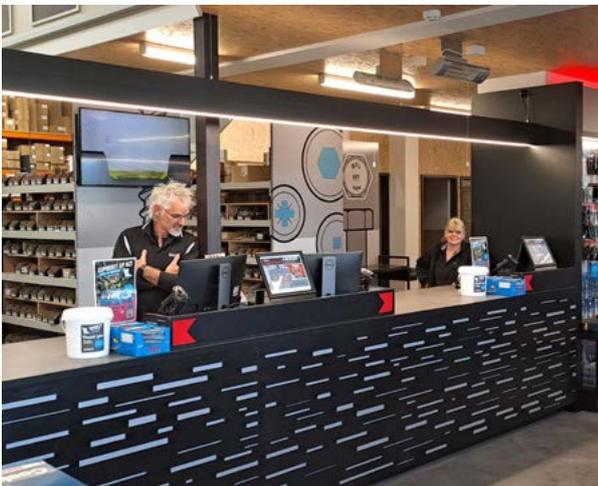


Metalcraft Engineering has extensive experience delivering custom retail fit-outs across the South Island, supporting the roll-out of national and regional store chains. Working in close collaboration with architects and project managers, we provide a full design-to-install service tailored to each client's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



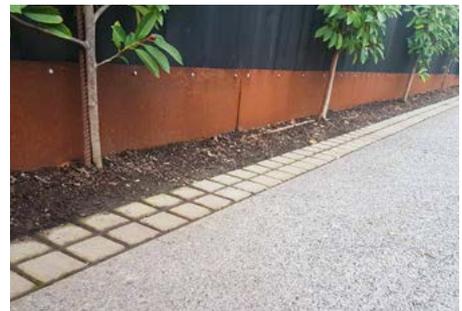
## Enclosures & Surrounds

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.



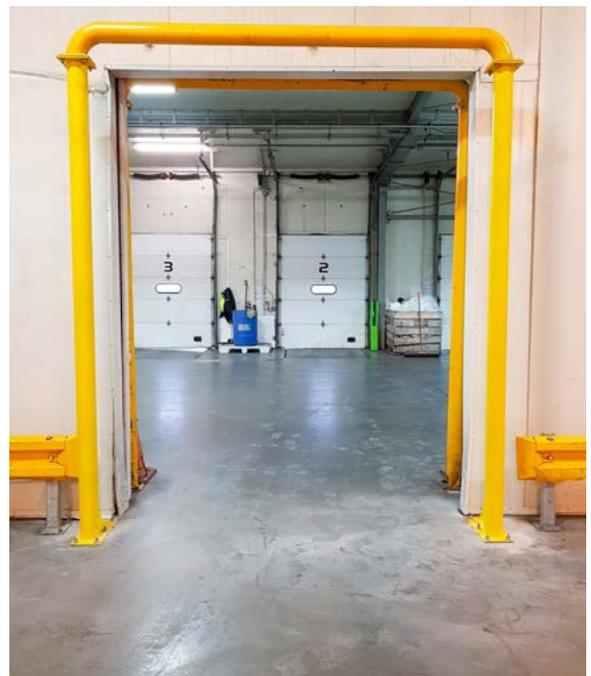
## Corten & Weathered Steel

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.



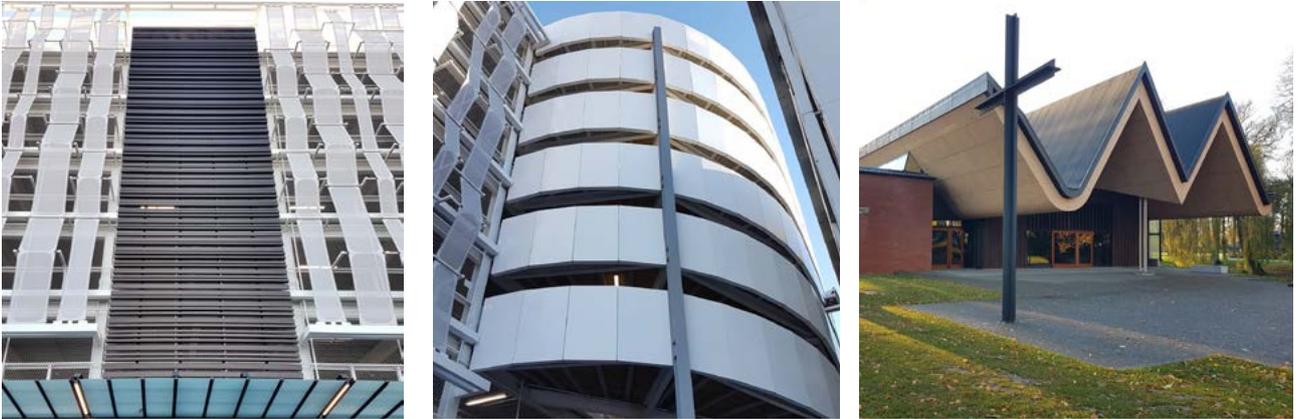
## Bollards

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..

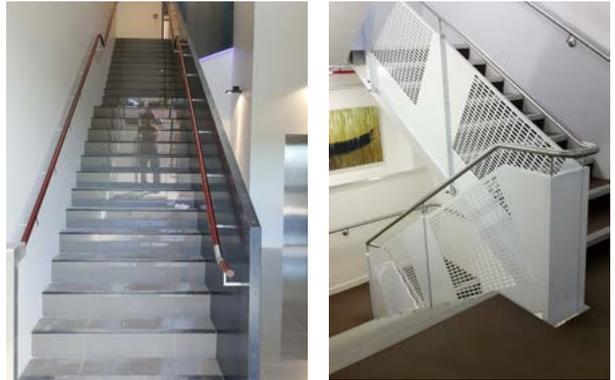
Our commercial solutions combine strength, compliance, and aesthetics, with exterior systems hot-dip galvanised and powder coated for durability in high-use environments. We regularly collaborate with independent engineers to ensure design certification requirements are met, giving confidence that every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





# BIKE RACKS

## PUBLIC RACKS

Cycling is growing rapidly in New Zealand, and with it comes the need for safe, practical, and attractive places to park bikes. At Metalcraft Engineering, we create cycle storage solutions that balance functionality with design — from standard racks for schools, workplaces, and public spaces through to customised street-art inspired stands that showcase creativity and brand identity.



At Metalcraft Engineering we design, manufacture, and install cycle storage solutions that combine functionality, durability, and design. Fabricated locally in Christchurch, our bike racks are built for quality and longevity, with a range of standard designs suited for public spaces, staff and student parking, residential developments, and retail display.

With the growing popularity of cycling in New Zealand, well-planned cycle infrastructure is more important than ever. Every location has different needs, and we work with clients to understand what matters most—whether it's security, weather protection, convenience, bike protection, or aesthetics. Our range of designs, together with custom-built solutions, ensures the right fit for every space.

For projects with limited space, we offer space-saving systems such as wall-hung, vertical, and semi-vertical racks that reduce the cycle parking footprint while maintaining security and protection.

From concept to site measure through to installation, our team delivers solutions that complement architectural design, enhance the user experience, and stand the test of time.



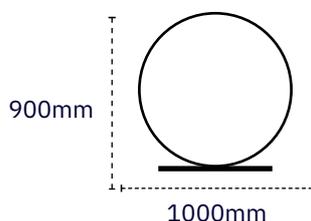
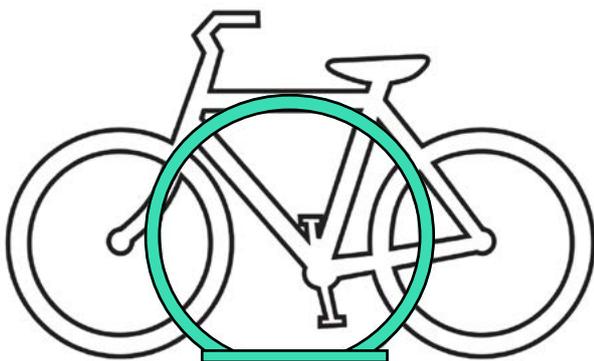
## Hoop Plate

One of our most popular and Metalcraft designed.

The **900mm 80% Stainless Steel Hoop Plate** is an eye catching and stylish hoop. It is cleverly designed to suit any space and provides unobtrusive bike parking facilities. This stand is easy to use and lets the user lock both wheels and frame to the stand.

- **Material options**  
T316 Stainless steel 50mm tube
- **Finish options**  
Stainless steel brushed polish finish
- **Fixing options**  
Cast into surface  
Base plates bolted to surface

**Please note:** If the base plate option is selected then installation requires a solid flat concrete surface to secure bike rack to.



## Full Ring

The **900mm Stainless Steel Full Ring** is an elegant ring and provides a remarkable balance between aesthetics and functionality. This bike stand is a simple shape made from high quality materials.

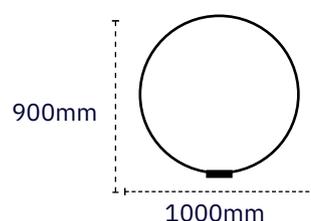
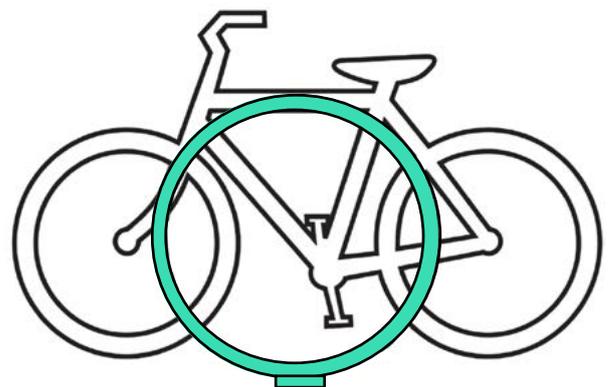
It is designed for functionality, longevity and appearance and looks fantastic in an architecturally planned environment.

- **Material options**  
T316 Stainless steel 50mm tube

- **Finish options**  
Stainless steel brushed polish finish

- **Fixing options**  
Cast into surface  
Base plates bolted to surface

**Please note:** If base plate option is selected then installation requires a solid flat concrete surface to secure bike rack to.



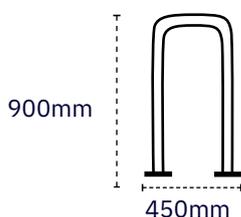
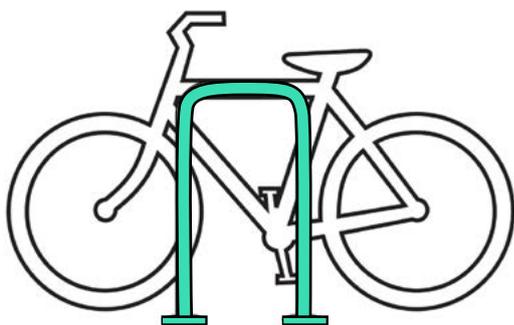


## Standard Staple

The **450x900mm Stainless Steel Staple** is a proven design for easy and convenient bike parking. It supports the bike's frame and can lock to both wheels and frame. Made for strength and longevity this bike stand is simple and space efficient.

- **Material options**  
T316 Stainless steel 50mm tube  
Galvanised Mild steel
- **Finish options**  
Stainless steel brushed polish finish  
Galvanised  
Powder coated
- **Fixing options**  
Cast into surface  
Base plates bolted to surface

**Please note:** If base plate option is selected then installation requires a solid flat concrete surface to secure bike rack to.



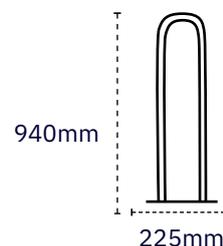
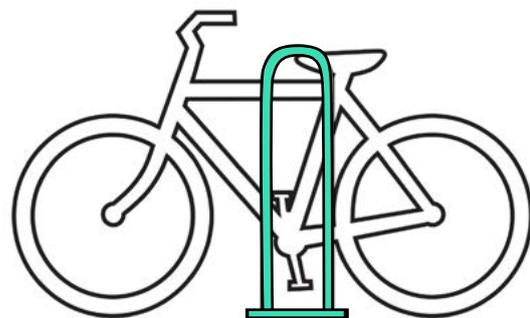
## Narrow Staple

The **230x940mm Stainless Steel Narrow Staple** is a stylish and space efficient bike stand.

When not in use it takes up minimal space yet provides solid support and security for bike parking.

- **Material options**  
T316 Stainless steel 50mm tube
- **Finish options**  
Stainless steel brushed polish finish
- **Fixing options**  
Cast into surface  
Base plates bolted to surface

**Please note:** If base plate option is selected then installation requires a solid flat concrete surface to secure bike rack to.



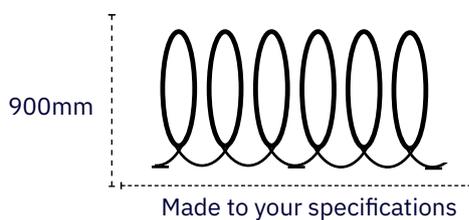
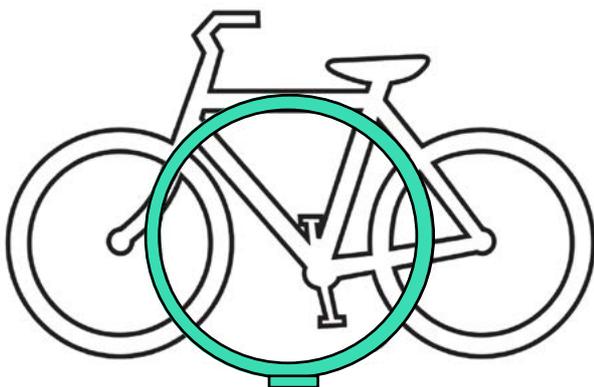


## Spiral

The **Stainless Steel Spiral** is a beautiful design that can be **custom made** to any length either to suit space or the number of cycle parks required. This bike stand is the perfect way to make a statement with your space.

- **Material options**  
T316 Stainless steel 40mm tube
- **Finish options**  
Stainless steel brushed polish finish
- **Fixing options**  
Cast into surface  
Base plates bolted to surface

**Please note:** If base plate option is selected then installation requires a solid flat concrete surface to secure bike rack to.

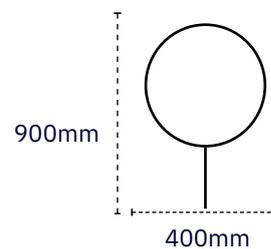


## Lollypop

The **Stainless Steel Lollypop** bike stand is an attractive stainless steel ring positioned at a height for wheel and frame to be secured. This stand looks great and works excellently for short term bike parking.

- **Material options**  
T316 Stainless steel flat
- **Finish options**  
Stainless steel brushed polish finish
- **Fixing options**  
Cast into surface  
Base plates bolted to surface

**Please note:** If base plate option is selected then installation requires a solid flat concrete surface to secure bike rack to.



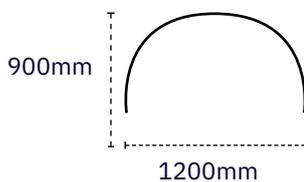


## Large Half Hoop

The **Large Half Hoop** is a practical and simple half circle stand. It is designed for strength, longevity and to provide convenient and easy bike parking. The shape allows for both wheels and the bike frame to be locked to the stand to discourage theft.

- **Material options**  
Galvanised steel 50mm pipe  
T316 Stainless Steel 50mm Tube
- **Finish options**  
Stainless steel brushed polish finish  
Galvanised  
Powder coated
- **Fixing options**  
Cast into surface  
Base plates bolted to surface on 120x120x5 base plates

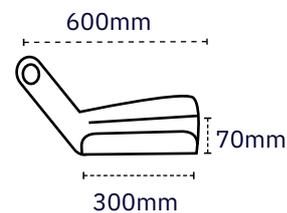
**Please note:** If base plate option is selected then installation requires a solid flat concrete surface to secure bike rack to.



## Wall Hung

The **Wall Hung** bike rack has been designed to address space restricted areas, by hanging bikes the rack reduces the foot print of the bike park. It is suited to parking building and can be used alongside our COMMERCIAL bike rack. The WALL HUNG rack is a clever space saving system solidly built for durability and can lock to wheel and frame.

- **Material options**  
Mild steel plate
- **Finish options**  
Galvanised steel  
Powder coated
- **Fixing options**  
Bolted to framing or solid wall



# COMMERCIAL RACKS

Metalcraft designs and manufactures commercial bike racks and enclosures that combine security, durability, and style. Built to order in Christchurch, they maximise capacity and efficiency without compromising on user comfort or function.

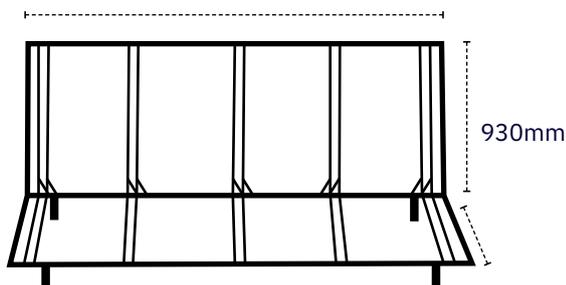
## Customisable Capacity Rack



The **Commercial** bike rack is a solid and sturdy design that is manufactured to order in Christchurch for quality and longevity. The classic style has been designed to optimise capacity and footprint area while not compromising on user experience or function.

- **Options**  
Capacity - Made to suit either required cycle parks or space available.  
Angle - 45 degree angle which reduces the depth of bike parking footprint.  
Double sides - For bike parking isles.  
Frame Lockable - Option for built in frame lock.
- **Standard Sizes**  
3 bike—12 bike parking
- **Finish options**  
Galvanised steel
- **Fixing options**  
Cast into surface  
Base plates bolted to surface  
Pinned

Made to your specifications



## Bike Enclosures



Built to your specifications, our bike enclosures can be fabricated in steel, stainless steel, or aluminium, with the flexibility to add custom features that complement their surroundings. Each enclosure is tailored to site requirements, with gates designed for your preferred locking system and roofing options to provide weather protection and suit the architectural style.

Side panels can add further shelter, branding, or promotional opportunities. We manufacture a range of styles — from compact and pocket shelters for tight spaces through to full outdoor enclosures — all designed to keep bikes secure, practical, and well-protected. Every solution balances functionality with architectural design to enhance both user experience and the built environment.



# CUSTOM & ART BIKE RACKS

At Metalcraft, we believe bike racks should be more than just functional, they should add character, creativity, and value to the spaces they serve. Our custom and street art cycle stands combine practicality with design, delivering secure, compliant, and durable solutions that double as sculptural features.



## Retro Bike

**The Retro Bike** cleverly uses the shape of a bike to provide secure and supportive bike parking. This rack is eye catching and encourages a fun and cheerful environment.

A sign board can be incorporated into the frame of the rack for creative advertising.

- **Material options**  
T316 Stainless steel 50mm tube  
Galvanised steel
- **Finish options**  
Stainless steel brushed polish finish  
Powder coated  
Galvanised
- **Fixing options**  
Cast into surface  
Base plates bolted to surface

**Please note:** If base plate option is selected then installation requires a solid flat concrete surface to secure bike rack to.



## Euro Bike

The **Euro Bike** rack skilfully plays on the shape of an iconic European style bike to provide secure and supportive bike parking. This rack is eye catching and fosters a fun and cheerful environment. The EURO BIKE stand looks fantastic in powder coat or stainless steel finish.

- Material options**  
Stainless steel 50mm pipe  
Galvanised steel

- Finish options**  
Stainless steel brushed polish finish  
Powder coated  
Galvanised

- Fixing options**  
Cast into surface  
Base plates bolted to surface



Our bikes can also provide a space for your advertising

## Custom & Street Art Designs

The team at Metalcraft Engineering will support you from concept through to installation. Our cycle parking solutions are designed by a team of problem-solvers who also happen to be cycle enthusiasts, making us uniquely placed to understand what riders need and what environments demand.

We design and manufacture bike racks that do more than just store bikes — they become part of the environment. Street art racks are a perfect way to combine functionality with creativity, turning cycle stands into sculptural features that enhance public spaces, schools, workplaces, and commercial sites. Options such as our “Bike” and “Koru” stands show how practical infrastructure can also be playful, eye-catching, and architecturally complementary.



Every project is tailored to what matters most for your site — whether that’s security, convenience, shelter, capacity, aesthetics, ergonomics, or compliance. We can provide:

- Public, residential, staff, or student bike stands
- Vertical or wall-hung racks for tight spaces
- Retail display racks
- Shelters, sheds, or cages for added security
- Repair stations, scooter racks, signage, and ground markings

### Why street art?

Traditional bike stands can sometimes be an unattractive if poorly designed or maintained. By contrast, functional street art racks not only meet compliance standards but also enrich the look and feel of their surroundings. They provide a low-cost way to improve public and private environments, with only a modest cost difference compared to traditional stands.

## Inspiration for Your Space

At Metalcraft , we are not bound by catalogues. Our street art racks are completely customisable, whether it’s a unique design concept, a corporate logo, or a creative idea for a public space, we can bring it to life. The result: racks that are compliant, functional, and look fantastic in their setting.



Bike racks don’t have to be standard. Take inspiration from designs that turn everyday infrastructure into sculptural features.



# CHRISTCHURCH CITY RACKS

We manufacture bike racks and cycle stands for Christchurch City Council projects. All of our products are proudly New Zealand-made and built to meet the council's standard specification guidelines.



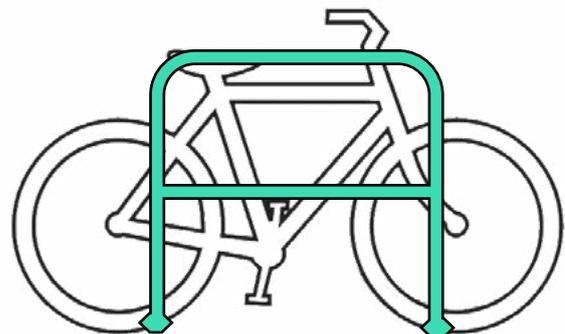
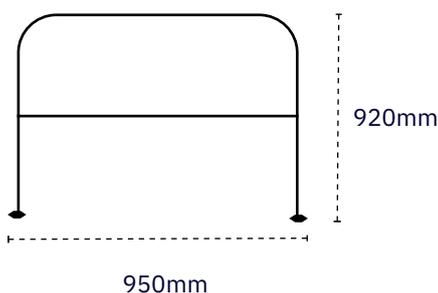
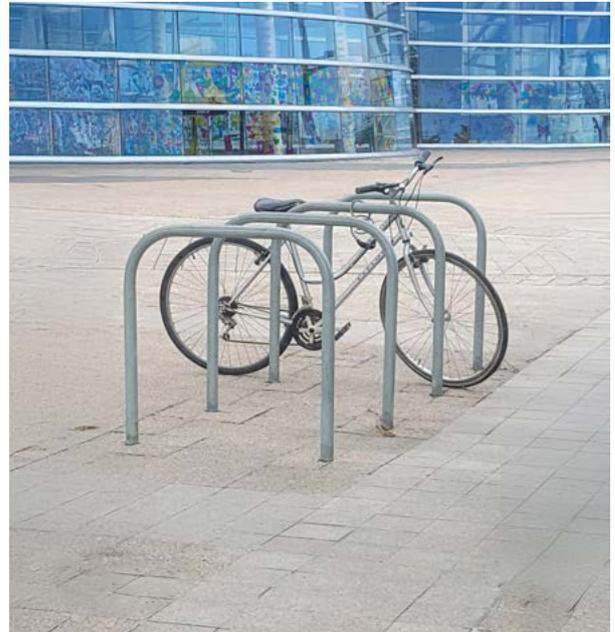
The Christchurch City Council T316 Standard Staple 950 design is a newly designed Christchurch City Council bike rack.

Metalcraft Engineering have the privilege to be the Named suppliers for these Christchurch City Council specified bike racks.

These CCC T316 SS Standard 950 racks that are installed in the Christchurch Business District, and other CCC Projects.

- **Material options**  
T316 Stainless steel 50mm tube
- **Finish options**  
Stainless steel brushed polish finish
- **Fixing options**  
Cast into surface with a over layer of tiling or brickwork  
Round Base plates are glued onto the surface or left loose  
Option to Top Surface Mount available on request

**Please note:** Top mounted bike racks require a solid surface of concrete for installation



# RETAIL RACKS

Metalcraft Engineering creates custom retail bike racks for showrooms, warehouses, and large outlets, designed to maximise space and present bikes and equipment with strength and style.

## Retail Display Racks



Metalcraft Engineering designs and manufactures retail bike display and storage systems that are tailored to the needs of showrooms, warehouses, and large retail outlets. Our racks can be built in a wide range of configurations and multi-level options, allowing you to maximise floor space while presenting bikes and equipment in a clear, accessible, and visually appealing way.



Fabricated from durable materials such as aluminium, galvanised steel, and stainless steel, our racks are engineered for strength, flexibility, and long service life. Whether you need display stands for bikes and accessories in a retail showroom, or large-scale racking systems for warehouse environments, we can provide a custom solution designed around your space and product requirements.





# GARDEN FURNITURE

## OUTDOOR FURNITURE

The Metalcraft Garden Furniture range includes custom-made chairs, bench seats, tables, and sets, all designed and built in Christchurch for strength and style. Crafted to withstand the elements, each piece combines durability with timeless appeal, making it perfect for both private gardens and public spaces.

### Chairs

Built to last a lifetime, our chairs, bench seats, tables, loungers, and custom features are crafted to withstand the elements and be enjoyed for generations. That's why we encourage our customers to take their time when choosing, knowing that every piece we manufacture brings strength, style, and timeless appeal to both private gardens and public spaces.

We have been designing and manufacturing quality metal outdoor furniture for more than 30 years. Each piece is made to order in our Christchurch workshop, with the option to customise designs to suit your ideas, garden theme, or setting. Our furniture is individually hot-dip galvanised and powder coated in a wide variety of colours, ensuring durability, weather resistance, and a perfect match to your space.

### Cambridge Design

Cambridge Chair features a simple, classic design with a slatted seat and three horizontal backrest slats for comfort and support. Its slim, folding frame provides practicality and easy storage, while the curved legs and cross braces add stability and strength.



### York Design

York Chair features a refined design with a slatted seat and vertical backrest slats, topped with a subtle arched detail for added character. The slim folding frame offers practicality and easy storage, while the cross-braced legs provide strength and stability.



## Norfolk Design

A clean, timeless design with a slatted seat and vertical backrest. The seat is formed from horizontal flat metal strips for strength and ventilation, supported by straight, slim legs with a crossbar stretcher for added stability.



## Chelsea Design

This chair features a distinctive lotus-shaped backrest that adds elegance and character to its design. A slatted seat provides strength and ventilation, while gently curved arms offer comfort and support. The slim legs are reinforced with crossbars.



## Knightsbridge Design

Knightsbridge Chair features a slatted seat and vertical slat backrest, framed by a gently curved top rail finished with rounded finials for added character. Slim, straight legs with cross supports ensure stability while keeping the design elegant and timeless.



## Kent Design

Kent Chair features a slatted seat and a decorative circular motif set into the backrest, adding a touch of character to its clean lines. Curved side supports create a graceful profile, while cross-braced legs provide stability and strength.



## Benches

Our bench seats are crafted from the same durable materials as our outdoor chairs, combining strength, comfort, and timeless design. Each piece is made to order in Christchurch, with the flexibility to customise finishes or match existing themes and settings. Built for durability and longevity, these benches are designed to withstand New Zealand conditions while enhancing both private gardens and public spaces.



### Knightsbridge 2-Seater Design

Knightsbridge Two-Seater Bench features a slatted seat design supported by slim legs with decorative cross-bracing for added strength and style.

Finished with rounded finials at each corner, this bench combines durability with elegant detailing, making it a timeless addition to gardens, patios, or public spaces.



### Knightsbridge 3-Seater Design

Knightsbridge Three-Seater Bench offers generous seating with an extended slatted design, perfect for larger gardens, patios, or public spaces. Decorative curved cross-bracing adds visual interest while reinforcing the slim frame, creating a balance of elegance and strength.



### Knightsbridge Design

This bench features a vertical slat backrest complemented by a decorative double curved motif, echoing the design of the dual curved crossbars beneath the seat. The slatted seat provides comfort and ventilation, while slim legs with detailed bracing add both strength and elegance. A refined piece that combines practicality with distinctive character from the Knightsbridge range.



### York 2-Seater Design

This bench features a supportive vertical slat backrest and a slatted seat for comfort and durability. Curved arms frame the design, while a distinctive arched crossbar adds strength and a graceful architectural detail, making this bench a stylish addition to any garden or outdoor space.



## Custom Outdoor Tables

At Metalcraft, we design and manufacture outdoor tables to order, creating pieces that are tailored to patios, pool areas, gardens, courtyards, and more. Every table is built with premium materials and craftsmanship, ensuring they won't peel, rust, or degrade in the elements.

### Modern Designs

For contemporary spaces, we create sleek, architectural tables that use modern materials and finishes. Powdercoating allows colours to be customised to suit your exterior palette, whether matching aluminium joinery, architectural cladding, or outdoor feature walls. These tables offer clean lines and minimalist style, perfect for modern homes, apartments, and poolside areas.



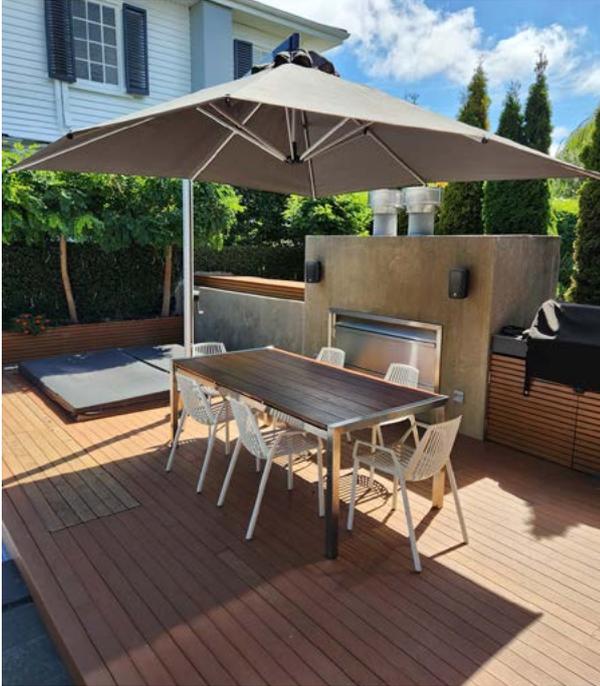
### Traditional Designs

For more classic outdoor settings, we craft traditional-style tables suited to gardens, patios, and courtyards. Options include timeless detailing, perforated tops, mosaics or marble finishes, offering strength and elegance. Built with durability and charm in mind, these pieces complement traditional landscaping and heritage-inspired spaces while maintaining the quality and longevity Metalcraft is known for.



## Custom Outdoor Furniture

Metalcraft design and manufacture complete outdoor furniture sets tailored to each client's space and style. Whether you need a modern arrangement for a poolside or courtyard, a traditional set for a garden or patio, or durable solutions for public spaces, retail environments, or parks — we can build to your exact requirements. Every piece is crafted with premium materials, designed to withstand the elements, and finished to complement the character of its surroundings. Below is a sample of our clients designs



# ROSE ARCHES

**Metalcraft design and fabricate custom rose arches and support frames that bring strength and elegance to any garden.**

Built from corten steel or powdercoated alloy, these structures can be tailored to the customer's exact specifications – from small decorative arches to large gazebos and even driveway entrances. Each piece is crafted for durability and architectural appeal, creating lasting features that enhance outdoor spaces.



## Sizing & Options

Our rose arches and garden structures are built to order, giving clients complete flexibility in size and design. Projects have included a 3-metre full-floored gazebo, 3.5-metre driveway arches, and a variety of custom garden arches.

Designs can feature pointed or decorative tops, criss-cross supports, or other ornamental detailing to create a unique architectural statement.

Whether small-scale for a garden path or large-scale for an entranceway, every structure is engineered for strength, durability, and visual impact.



# ARMILLARY SPHERES

Metalcraft manufacture custom armillary spheres designed for outdoor spaces. Crafted from durable high quality materials, they are built to withstand the elements while adding a timeless focal point to gardens, courtyards, and landscapes.

An armillary sphere is a timeless garden ornament inspired by early astronomical instruments, with interlocking rings that symbolise the movement of the heavens. At Metalcraft, we manufacture armillary spheres specifically for outdoor use, combining classic form with modern durability. They can be crafted in corten steel, powdercoated alloy with brass inserts, or paired with whitestone bases. Each piece can be customised to suit its setting, whether mounted on a plinth, table, or steel or alloy stand, creating a striking focal point for gardens, courtyards, or landscaped spaces.



A collection of past projects for our clients

# GARDEN ART

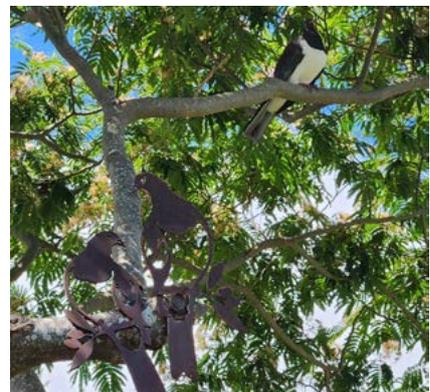
Bring personality to your outdoor space with custom garden art from Metalcraft. From abstract sculptures to birds and bespoke designs, our Christchurch team can create unique, durable pieces that transform gardens into inspiring spaces.



Metalcraft creates quality home and garden metal art from our Christchurch workshop, where skilled fabricators work across all metal mediums. From small decorative pieces to large landscape features, we have the capability to bring unique designs to life.

We can custom-make garden art and features to your ideas, collaborating with you to create something truly personal for your space. Our portfolio includes abstract sculptures, birds, tuatara, and other decorative works that add character and playfulness to gardens, courtyards, and outdoor areas.

Over the years, we've contributed to a number of landscape projects. Every piece we make is designed for durability, creativity, and lasting visual impact.



# GATES

Custom gates, designed, fabricated, and installed to suit your home or commercial project, built in Christchurch for durability, style, and a perfect fit.

Metalcraft specialise in custom-fabricated gates, designed and manufactured in our Christchurch workshop for quality, durability, and style. We provide a complete service including site measure, design, fabrication, and installation, ensuring each gate is tailored to your project.

We work with both residential and commercial clients, offering a variety of designs to complement homes, driveways, courtyards, and business entrances.

Manufactured from mild steel, hot-dip galvanised for protection, and finished with powdercoating in a colour of your choice, our gates are built to withstand New Zealand conditions while enhancing your property.

For added convenience and security, we also offer automated gate options — whether sliding or swinging, with modern access controls to suit your requirements. Whatever your vision, our team can design and build a gate that is practical, secure, and architecturally aligned with your space.

## Residential



## Commercial





# TRAILERS

## ENGINEERED TRAILERS

Metalcraft design and manufacture customised commercial trailers built to your exact specifications. From transport to BBQ s, our bespoke trailers can include tailored dimensions, specialised features such as hydraulics and storage configurations, corporate branding, and are available in both single and tandem axle builds for both standard and heavy duty vehicles.

### BBQ Trailers

Crafted for durability and ease of use, built on a practical, compact trailer base (available in single or tandem axle), these units are fully wired, road-ready, and designed for quick setup in almost any location, from workplaces and parks to events and community gatherings.

Each trailer incorporates robust cooking facilities with two 4-burner BBQ s, stainless steel splashbacks, removable fat traps, and protective covers. Food prep and service areas are finished in T316 stainless steel for hygiene and longevity, with slide-out workbenches, built-in umbrella stands, and ample storage.

Features such as chilly bins on slide-out drawers, gas bottle mounts, quick-release stabilisers, and security fittings ensure the trailer is functional, safe, and easy to operate.

Designed for flexibility, these BBQ trailers provide a mobile social hub, bringing people together in workplaces, communities, and outdoor spaces. With quality New Zealand fabrication, they're built to withstand regular use while remaining simple to set up, transport, and maintain.



## Quad Bike Trailers

Metalcraft quad bike trailers are designed to handle tough conditions with ease. Built with a hot-dip galvanised finish, heavy-duty steel deck, and strong RHS chassis, they offer lasting durability and low maintenance for farms, lifestyle blocks, and utility work.

### Standard Features

Each trailer measures 2400 mm x 1500 mm and weighs under 400 kg, with 300 mm fixed sides, side steps for access, and a rear fold-down ramp with traction mesh for safe loading. A gravity tipping system makes unloading simple, while the 1000 kg GVM, 1500 kg hubs, springs, and drop axle ensure strength and stability.

The 1600 mm drawbar makes reversing and longer loads easier, supported by mudguards with steps, a spare wheel mounted on the drawbar, and a jockey wheel. For compliance and safety, every trailer includes full LED lighting, a 7-pin plug, rating plate, and WOF once registered.

### Options

Our quad bike trailers can be customised to suit your needs. Add a removable 500 mm extension cage for extra capacity, or an alloy toolbox on the drawbar for secure storage. Choose between a split gravity tipping system or clip-on ride-on ramps for safe loading, and upgrade with an extra spare wheel or heavy-duty jockey wheel to complete your setup.



## Transport Trailers

Metalcraft transport trailers are built tough from hot-dip galvanised steel to withstand heavy use and harsh conditions. Designed for moving larger vehicles and equipment, they feature a double-axle design for added stability, loading ramps for safe access, and a hardwood floor for strength and durability under load.



A lockable storage box is included to keep tools and tie-downs secure, making these trailers a practical and reliable solution for demanding transport needs.



## Box Trailers

Metalcraft manufacture box trailers designed for safe, secure transport of equipment and cargo. Built with a painted steel frame and pre-galvanised boxed section, they're strong and durable. Each trailer includes a lockable access door for security, a fibreglass-over-ply body for added strength and weather resistance, and hardwood floors for long-lasting performance.



A loading ramp is incorporated for easy handling of equipment, making these trailers a versatile solution for both commercial and personal use.



## Bike Rack Trailers

Metalcraft build custom bike rack trailers designed for secure and efficient transport of multiple bicycles. This example features a 12-bike capacity, with lockable luggage compartments for added storage.



Constructed with a hot-dip galvanised steel frame for durability, the trailer is finished in fibreglass-over-ply panels with additional checker plate storage compartments, providing strength, weather protection, and a professional appearance.



## Display Trailers

Metalcraft designs and manufactures custom display trailers that are practical, secure, and built to stand out. This example features gull-wing doors for easy access, lockable compartments, and side steps for convenience.



Inside, hardwood flooring, shelving, and stabilisers provide durability and stability, while the exterior is finished ready for sign writing or branding. These trailers are ideal for showcasing products, creating mobile displays, or taking your brand directly to your audience.



# GLASS & WINDOW TRAILERS

## A Frame Window Trailers

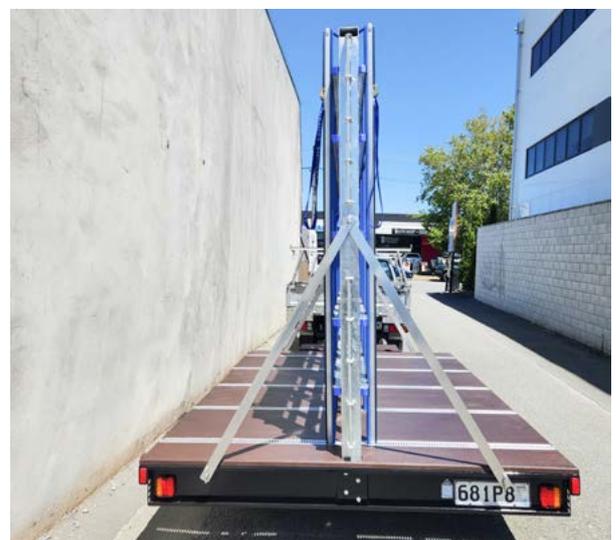
The Fixed A-Frame Window Trailer is purpose-built for the safe and efficient transport of large and heavy window frames. Constructed from galvanised steel with dual braked wheels (355 mm rims), heavy-duty tyres, and leaf suspension rated from 2500kg up to 3500kg, Combining strength with long-term durability.

The trailer deck is clad in 28 mm hardwood container ply with inlaid slotted bases for secure positioning of poles from the Window Retention System. A 2.4 m pull-out ramp makes loading and unloading easier, while under-deck storage bins provide added practicality.



## T Frame Window Trailers

T-Frame trailers provide more window storage for greater capacity and increased deck space with the features of an A-Frame.



## Window Trailers

### 3M Glazing

The 3M Glazing Trailer is built with a three-metre external rack on each side, combined with a rear fold-down ramp to allow transport trolleys to be winched on board using a front-mounted winch. Curtain sides protect the load from the elements and double as advertising space, while options such as internal racks and container-style rear doors allow the trailer to be customised.



## Glass Truck Trailers

### Covered Glass Trailers

Metalcraft design and build covered glass trailers to your specifications, incorporating lightweight retention systems and low-profile builds for safer handling and reduced drag. Options range from large tri-axle trailers to compact site and delivery trailers, with features such as integrated trolley transport systems, internal load racks, air suspension, curtain sides, and loading ramps. Each design is tailored to ensure secure, efficient transport of glass and joinery products.



### Hard-Sided Trailers

Hard-Sided Trailers are used for transporting crawler cranes and crawlers to site. These trailers are weight-rated, fitted with the latest electronic braking systems, and custom fitted internally to secure specialised equipment. At the rear, pull-out ramps allow cranes or crawlers to be loaded and unloaded safely and efficiently.



### Small Covered Glass Trailers

Our small covered glass trailers are a practical and ideal for transporting small to medium flat glass loads between suppliers, glaziers, and site. Built with a fibreglass hard top, hardwood deck, and optional internal or external racks, they offer durability, weather protection, and secure load retention. Compact in size (typically 1.2 m frame width, 1.8 m overall), these trailers are easy to tow and manoeuvre on site.

### Retrofit Upgrades

All new trailers, as well as retrofit upgrades to existing trailers, can be fitted with our Pole-Based Window Retention System. This ensures safe and efficient handling, protects against frame damage, and extends the service life of customer assets. Bearing surfaces are clad in non-marking polymer protection foams, which prevent transit rub and ensure products remain in perfect condition.





# GLASS & WINDOW RACKING

## GLASS SYSTEMS

### Van Frails

Metalcraft Glass Racking External Frails are available for most makes and models of vans, with a wide range of options that can be tailored to suit each customer's specific requirements.

We design and manufacture both external and internal frail systems to suit most van makes and models. Our external racks include solutions for traditional gutter mounts as well as modern Euro-style vans with roof channel fixing points, using bracing systems for added strength and safety.

Internal frails adapt this design with leaner-style racks, polymer bearing surfaces, and timber-base options for wider loads, allowing secure glass transport with ropes, stops, or retention poles. For maximum flexibility, pull-out racks on sliders are available in L-frame or A-frame styles, extending out the rear of the vehicle for easier loading and efficient use of space.



### Trolley Trucks

Our Trolley Trucks combine transport trolleys, purpose-built trucks, and proven handling processes to minimise double handling and maximise efficiency. With options for new builds or retrofits, plus loading solutions such as crane forks and Moffett forklifts, these trucks provide safe, flexible transport for both local and long-haul deliveries.

The Metalcraft Glass Transporting System is designed to reduce double handling of glass and panel products, both in the factory and on site. The system combines transport trolleys, purpose-built trucks, and proven handling processes to deliver safe, efficient transport solutions.





## Glass Trucks

Metalcraft build a wide range of glass transport trucks, from 3.5 m and 4.5 m open-body designs through to 5.2 m and covered trucks up to 10.7 m. Our open-body trucks provide large internal and external racks along with lockable storage for tools, machinery, and consumables. The larger 4.5 m and 5.2 m models offer increased capacity while maintaining flexibility with adjustable racks for improved site access and the ability to carry oversize loads when required.

For full protection, our covered glass trucks use curtain-sided bodies that safeguard loads while also offering valuable advertising space. Design options include racks set inside or outside the wheels, chassis modifications to increase carrying capacity, and even extra axles to optimise weight distribution and reduce road user charges.

All vehicles can be fitted with the Metalcraft Flat Panel Transportation System, allowing fast, secure loading and minimising transport damage. Additional innovations, such as our Glide-Top roof system, provide quick crane access to internal racks for efficient handling on site.

We deliver a complete, end-to-end service — sourcing cab chassis, designing and manufacturing the body, fitting racks and retention systems, and finishing with curtain systems and professional sign-writing. Every truck is tailored to customer requirements, delivering a durable, efficient, and road-ready solution for the glass industry.



## Ute Frail Systems

We design and manufacture Ute-mounted frail systems specifically for transporting flat glass sheets. These systems provide an alternative to vans, giving glaziers and installers the flexibility to carry small to large sheet sizes directly to site.



## Tooth Systems

The Metalcraft Tooth Trolley System is a unique solution for the safe movement and transport of flat glass within factories and onto vehicles. Its sloped tooth profile locks panels securely, preventing shifting while allowing quick loading and unloading.



## Glass Handling Trolleys

Our trolley systems are purpose-built and refined over more than 30 years, with every development shaped through collaboration with the glazing industry. We understand that moving product around cutting tables, furnaces, double-glaze lines, CNC machines, and vehicles requires a strong focus on health and safety. Combined with our lifting equipment and training systems, these solutions significantly reduce the risk of accidents and product damage. Our range includes:

- A Frame Trolleys
- Harp Trolleys
- Z Harp Trolleys
- Finger Trolleys
- Tooth Trolleys



## Glass Cutting Tables

We supply a full range of glass cutting and processing tables, designed to meet the needs of glass companies of all sizes, from small workshops processing half-sheets, through to high-volume operations handling full stock sheets daily.

Manual glass cutting tables are ideal for smaller companies who process half-sheets or use the table intermittently and cannot justify the investment in an air table.



Air float cutting tables are suited to companies that use cutting systems frequently and require the ease and safety of floating glass for positioning during processing.



## Glass Lifting Equipment

Metalcraft provides a comprehensive range of factory lifting solutions, including Light Rail Overhead Crane Systems, Gantry Cranes, Jib Cranes, Crane Forks, and Pack-lifters.



### Light Rail Overhead Crane

Our Light Rail Overhead Crane System is a free-standing structure designed for lifts up to 500kg, ideal for loading and unloading glass within a factory or dispatch area. The system combines German-designed Helm Technology tracks and running gear with a locally engineered and fabricated supporting structure, creating a cost-effective, tailored solution.



### Jib Cranes (Swing Cranes)

Jib cranes, also known as swing cranes, provide a cost-effective lifting solution for heavy glass items. They are commonly used beneath gantry cranes and are ideal for lifting items onto and off machinery or vehicles.



## Glass Storage

Metalcraft provides a range of storage systems that help factories conserve valuable floor space while allowing quick, safe, and efficient access to flat glass products. Traditional A-frame systems remain a low-cost option, but they are inefficient in terms of space utilisation. As product ranges expand and factory space becomes more valuable, our advanced storage solutions deliver proven cost and space savings.

### Concertina Racks

Concertina racks provide bulk storage on leaning bays mounted to a fixed steel structure. Users simply wind the bays to open spaces for access to the required product. Because all bays lean the same way (unlike A-frames), the floor space required is reduced by over 50%.



### Swing Racks

Swing racks use pivoting leaves to hold flat glass panels, operating on the same principle as concertina racks. The leaves are swung open manually to access specific products. As with concertina systems, all glass leans in the same direction, halving the floor space required compared with A-frames.



# WINDOW SYSTEMS

## Window Trucks

Metalcraft also designs and manufactures truck bodies dedicated to window and door transport. These are available as complete new builds or as retrofit upgrades to existing vehicles, always incorporating our Pole-Based Window Retention System.



Customers can choose fixed A-Frame or U-Frame structures permanently mounted to the truck, or opt for removable uprights that allow the body to be converted back into a flatbed for general-purpose use. All bearing surfaces are lined with non-marking polymer foams to eliminate transit rub and protect products during delivery.

## Demountable Frames

These frames can be loaded onto trucks, trailers, or Utes and secured using a variety of retention systems. Like all of our solutions, they incorporate the Pole-Based Window Retention System to minimise damage and speed up handling. Demountable frames are lined with non-marking polymer foams at all contact points, ensuring that finished products are protected throughout transit.



## Window Trolleys

### Trolley Trees

Designed for the horizontal storage and movement of aluminium window extrusion cut lengths. This approach eliminates the scratching and damage often associated with vertical storage, especially for heavier, wider sections. For longer material, the XL Tree Cart provides additional capacity and strength.



### Tooth DGU/Sash Trolleys

Designed to simplify the handling, storage, and movement of insulated glass units (IGUs/DGUs) within the window fabrication industry.

Load DGUs straight from the delivery truck directly onto the trolley for quick transfer into the factory. From here, DGUs can be moved efficiently. Because the trolley holds each unit securely at 40 mm spacing and supports them every 300 mm, DGUs remain stable and protected during handling.



Teeth spaced with polymer to suite window sashes and doors.

## Trestles & Tables

Metalcraft manufacture a full range of factory and site trestles, along with prepping tables, designed for window fabricators and installers. With hardwood tops, galvanised frames, and polymer-clad bearing surfaces, they provide stable, durable work surfaces that protect panels, reduce rework, and improve efficiency. From folding site trestles with adjustable legs to large factory trestles for commercial windows, every product is built for strength, safety, and long-term reliability.



## Window Storage

Metalcraft design and manufacture specialist storage solutions for the window fabrication industry, helping protect product finishes, save floor space, and reduce rework. Our range includes L-Frame racks for raw aluminium extrusions, A-Frame racks for both extrusions and finished units, and Post racks for completed windows, doors, and sashes. All systems are built with non-marking bearing surfaces and tailored to suit factory layouts, ensuring safe, efficient storage from production through to dispatch.



## Load Retention

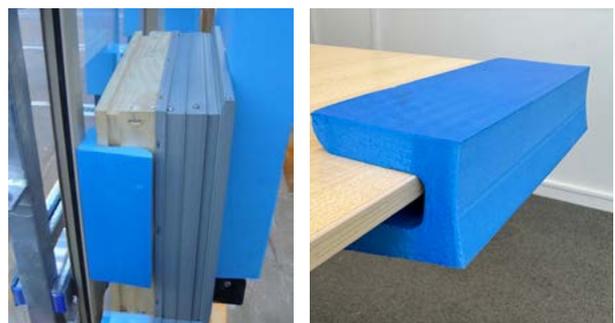
Metalcraft manufacture a full range of retention poles, clamps, and components designed to keep flat panel products secure during storage and transport. Suitable for vans, utes, trucks, and trailers, these systems ensure loads remain stable, safe, and damage-free. Options include spring-loaded or strap-secured poles with non-marking polymer surfaces, scissor clamps for faster loading and unloading, and continuous-contact retention inserts for full panel support. Built for flexibility and safety, our systems adapt to a wide range of load sizes while protecting both the product and the people handling it.



## ProFoam Protection

Metalcraft ProFoams are purpose-designed separators that clip onto window and door reveals, creating a soft, non-marking buffer during storage and transport. Made from durable closed-cell copolymer, they compress under pressure to hold frames snugly in place, minimising movement and preventing surface damage.

Unlike traditional carpet spacers, ProFoams clip securely and stay in position, offering long service life and reliable protection. Available in standard, XL, and corner reveal profiles, they provide tailored solutions for windows, doors, sliders, and commercial suites – and can also be used for IGU/DGU edge protection.





# CONTRACT MANUFACTURING

## MANUFACTURING SOLUTIONS

As a trusted Christchurch-based fabrication and design specialist, Metalcraft Engineering offers contract manufacturing that combines scale, flexibility, and precision. With over 30 years' experience, advanced CAD and CNC capabilities, and a skilled team across all metal mediums, we deliver reliable, high-quality production that helps businesses reduce costs, speed up delivery, and focus on their core strengths.



Metalcraft Engineering has the scale, skills, and systems to act as a trusted contract manufacturing partner. Based in Christchurch, we bring together over 30 years of fabrication and design expertise across all metal mediums, with particular strength in architectural metalwork and flat panel handling solutions for the glass and window industries.

From one-off builds to complete product ranges, our team combines design collaboration, advanced manufacturing, and precise installation to deliver end-to-end solutions.

At Metalcraft Engineering we work confidently across a wide range of metals, including mild steel, stainless steel, brass, and aluminium. This versatility allows us to deliver everything from robust structural elements to finely detailed architectural finishes, ensuring every project combines strength, durability, and design excellence.



## Working with Us

Partnering with Metalcraft offers clear advantages. Our clients avoid the capital investment of setting up facilities, while gaining access to skilled tradespeople, advanced tooling, and proven processes. We help businesses stay agile by scaling production up or down as needed, bringing products to market faster, and supporting them to focus on their core strengths such as product development and brand growth.



## Experience

With a problem-solving mindset, our team thrives on tackling complex challenges in metal, glass, window, and panel handling and transport. Leveraging deep industry expertise, we develop best practices and innovative techniques that improve efficiency, safety, and reliability.

- **Experienced leadership.** Our leadership team brings extensive expertise in operations, product development, and CAD design, combining strategic oversight with a hands-on approach that drives innovation and efficiency.
- **Design & engineering excellence.** Design teams specialise in solution conception, product development, and design for manufacture, utilising full CAD and 3D modelling capabilities.
- **Project management & QS.** Accurate costing, efficient scheduling, and clear communication ensure projects are delivered on time and within budget.
- **Production leadership.** Skilled supervisors oversee workflow on the floor, ensuring efficiency and precision across fabrication processes.
- **Skilled tradespeople.** Fabrication teams work confidently with mild steel, stainless steel, brass, and aluminium, supported by apprenticeships that develop the next generation of tradespeople.

## Our People

At the heart of our success is our people. From experienced leadership and dedicated project managers to highly trained fabricators and apprentices, every member of our team contributes to solutions that are crafted with care, engineered for efficiency, and delivered with precision. Whether it's large-scale commercial manufacturing, architectural feature production, or custom-designed equipment, Metalcraft Engineering offers the flexibility, expertise, and trust needed for complex contract manufacturing projects.



## Quality, Design and Machinery

Quality is built into every stage of our work. Guided by our principle of Innovative by Design since 1991, we use 3D CAD modelling, CNC machining, and stringent quality control to continually improve outcomes, reduce costs, and enhance reliability.

Proudly New Zealand-made, our work is trusted across industries for its durability, safety, and design. Every Metalcraft product is designed to withstand the elements, protect the user, and deliver long-term value.

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# METALCRAFT ENGINEERING

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