

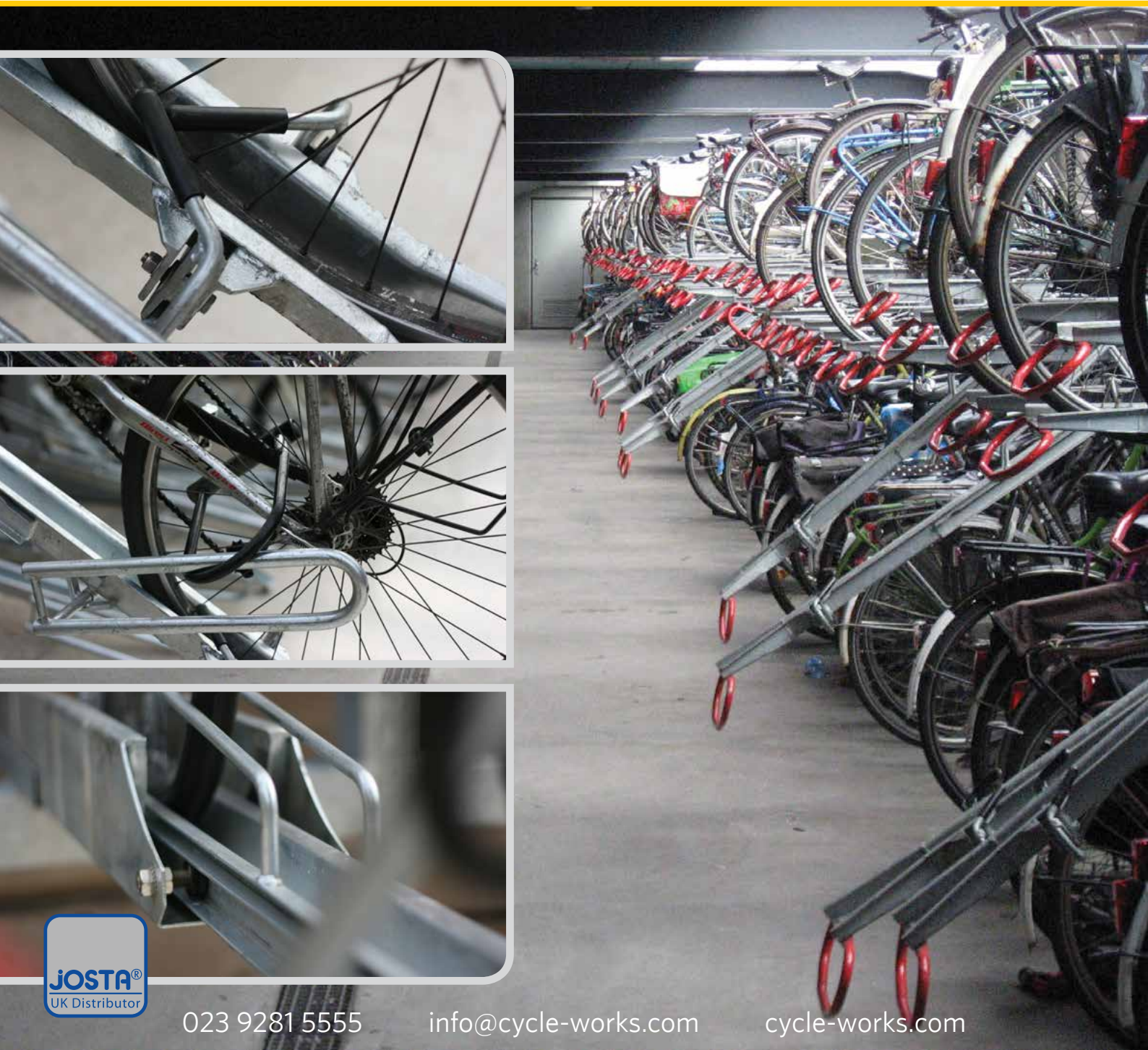


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The Cycle Storage Specialists

Product Guide & Case Studies

Josta 2-tier



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The Cycle Storage Specialists

Josta® 2-tier High Capacity Racks



The market leaders in high capacity bicycle racks, offering space efficient and cost-effective cycle storage.

- Double the capacity of bicycle storage spaces
- Easy and safe to use - with a proven track record in the UK, Europe, Australia and the USA
- Space efficient
- Flexible and adaptable
- Neat and organised
- Individual racking - one bike per space
- Low maintenance
- Patented gripping system holds bike securely
- Maximises cycle parking spaces, and allows more car parking (if required) or creates space for other uses
- The racks can be used to help demonstrate compliance with BREEAM and achieve a high BREEAM rating.
- Framework can be coloured in any standard RAL colour

There are many unique features of the Josta® racks, including the low, easy to use handles, the clever, patented way the bikes are held on the racks, and the general ease of use.

They are also designed for a long, tough life of constant heavy use, with low maintenance. However, the most important factor is always safety, and the Josta® racks are very safe to use. This is a particularly important feature for heavy bikes.



Liverpool Street Station, London

London Liverpool Street station more than doubled its awkward bike parking in a limited space, from 80 too 189, with the Josta® 2-tier racks.

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Josta® 2-tier High Capacity Racks

Innovative unique features



Wheel Gripping Mechanism

A special, patented gripping mechanism ensures that the bike cannot roll back and injure the user. As the bike is pushed into the rack the mechanism gently clamps around the front wheel. As you push the bike up the channel the front wheel is released and then back wheel is clamped securely into place.

The mechanism is very well designed and fabricated, so that if an extended rack containing a bike should be accidentally dropped the bike will be securely held in place, causing no harm to user or bike. The Josta® 2-tier rack is the only 2-tier system to offer this type of safety feature.



Movable Security Bar

The Josta® 2-tier rack comes with a movable high security galvanised mild steel security bar as standard. The bar is positioned at the rear of the rack in the optimum location to securely lock the rear wheel and bike frame.

When the rack is not in use the security bar is lowered down, lying parallel to the rack. It is the feature that allows the bike to be easily pushed up the channel without any obstructions for the pedals.



Pivoting Channel

The central channel that holds the bike is built around an extending, pivoting channel. It is this feature that utilises a 'sweet spot' for pivoting, allowing a full rack to be very easily lifted up and pushed back into place.

The strong box section, galvanised mild steel construction and precision engineering all ensure that this product has an extremely long and low maintenance life.

Code for Sustainable Homes

All our lockers, shelters and racks they can be used to help contribute towards gaining your 2 ENE8 Cycle Storage Credits when used in an appropriate situation, under the Code for Sustainable Homes.

[more info](#)

BREEAM

All our lockers, shelters and racks they can be used to help demonstrate compliance with BREEAM and achieve a high BREEAM rating when used in an appropriate situation.

[more info](#)

Gas Assisted

Josta® have developed a new 'gas cylinder' model that makes lifting and lowering the racks even easier. The strong gas strut is built into the middle of the top rack, in a unique design. This means there are no moving parts to catch fingers, etc, and the whole structure is modern and stylish. 2700mm headroom needed for G.A. racks.



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The Josta® 2-tier rack is a high capacity double decker bicycle rack.

Josta® is the market leader for high capacity racking systems. The racks are popular across Europe, the USA and Australia. Many bike stations in Germany, Holland and the US specify the Josta® rack as standard. Cycle-Works are the UK's exclusive distributor of the Josta® 2-tier rack system and have extensive experience of cycle parking including shelters, compounds, racks and bike lockers.

The Josta® 2-tier sites range from small open access installations of less than 80 bike spaces (e.g. Surbiton station) to large manned cycle parks of 7000 (e.g. Leiden, NL). They are also increasingly used in the basements of new office blocks and apartments (e.g. The prestigious Foster's Albion Riverside development in Battersea).

Why the Josta® rack is the market leader in high capacity bike parking

This space efficient racking system stores one bike directly above the other. It therefore increases the amount of bicycles parked (or reduces the size of the site) by up to 50%.

The rack is custom made for specific sites to maximize the cycle parking capacity, and can be used in conjunction with other systems.

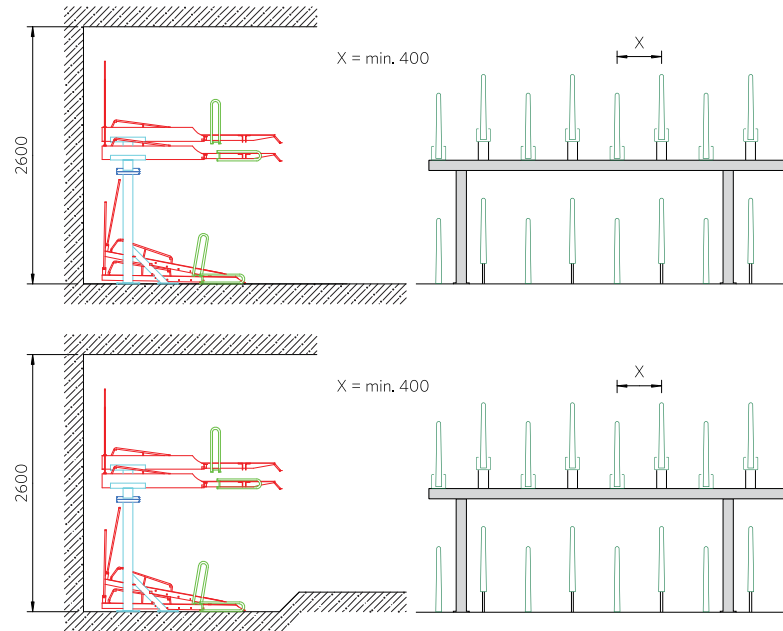
A special, patented gripping mechanism ensures that the bike cannot roll back and injure the user. We find the top racks are usually filled first as users like to store their bike 'out of harm's way'. It is also easier to lock the bike when on the top rack. This usually leaves enough space in the bottom row for users who do not wish to use the top row.

Layout and Space Requirements

This racking system can be designed to fit your exact space. It can be used in conjunction with our other cycle parking systems to give the maximum capacity for your site.

Mounting/Installation

A level concrete base is usually required. This racking system is then installed by our team of experienced installers. Special supports for non-concrete sites with strong level surfaces can be supplied for a small additional charge.



Site Planning

We are happy to give advice or assist you with your site planning. For this, please let us have a site plan (DWG or PDF format), clearly marked with all relevant dimensions, obstacles and access ways. Please see the next page for a guide on designing a site yourself.

Please contact us to obtain DWG files of the product layout.

Locking mechanisms and options

A security bar allows the cyclist to lock the bike frame and wheels with their own chain or D-lock. The front wheel and frame can also be locked easily.

Delivery

The current lead time is 4-8 weeks, but larger projects can require more than this. It is really beneficial if Cycle-Works are involved in the site planning as soon as possible.

Material options

These racks are usually galvanised with a red handle on the top racks, the framework can be powder coated in any standard RAL colour.

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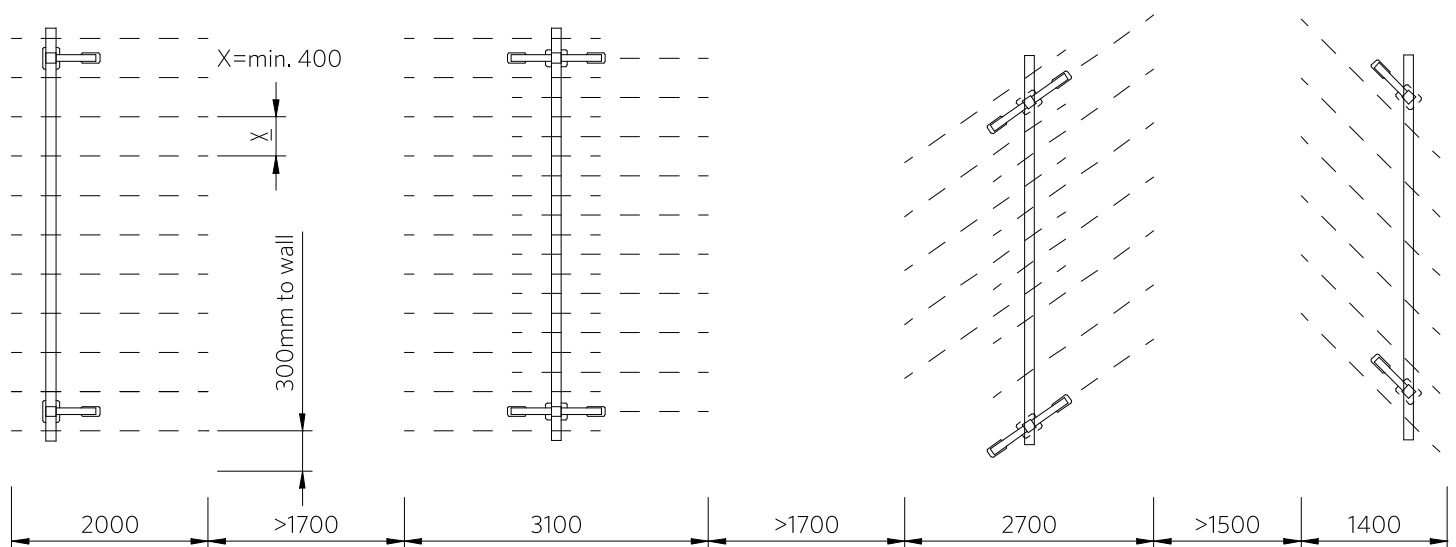
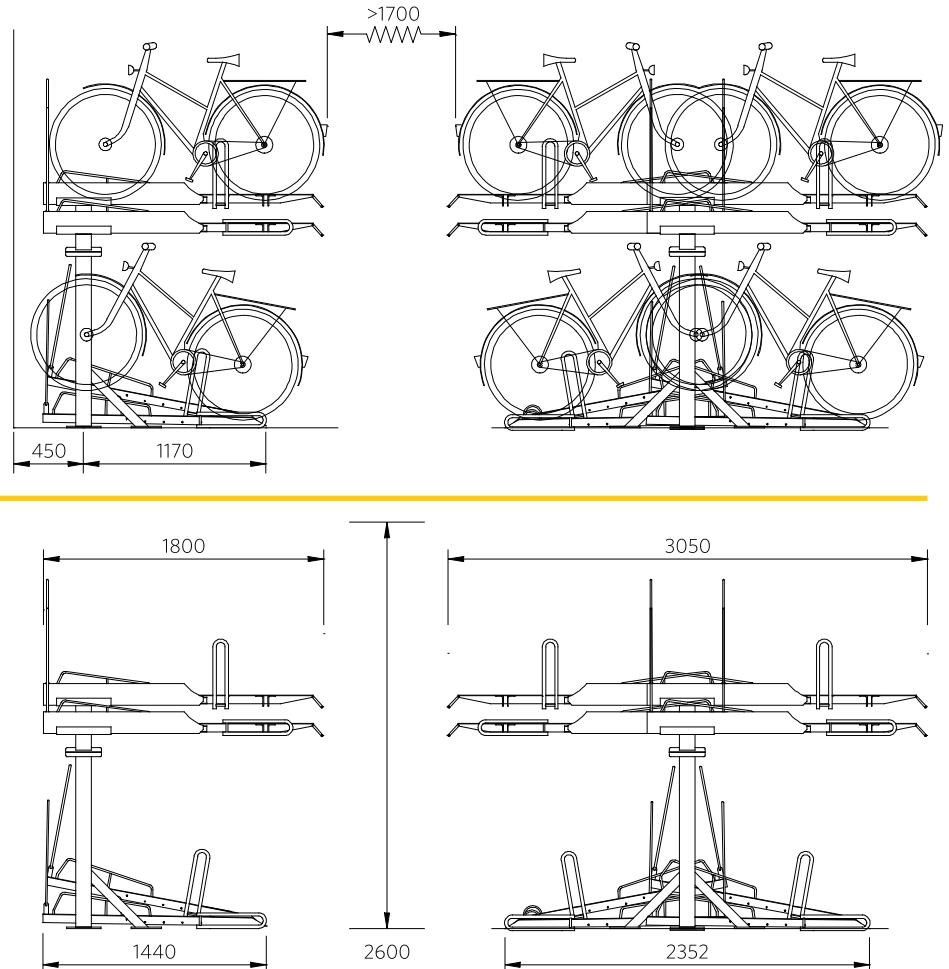
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Josta® 2-tier High Capacity Racks

Site Requirements

- The headroom is the most important factor for this racking system. A minimum of 2600mm is required for maximum capacity.
- Leave 300 to any adjoining side wall to give space for the handlebars.
- The racks are then spaced at a minimum of 400mm apart. We have found 450mm to be a good planning spacing, giving capacity as well as ensuring ease of use.
- Please allow 2000mm for the rack itself, plus a minimum of 1700mm in front for access. This access space can be used by the next row as well.
- The racks can also be installed from a central spine. For this option, please leave 2000mm for access on both sides. The 2-sided unit is then 3100mm wide.
- Racks can also be installed at a 45 or 55 degree angle to minimise space.



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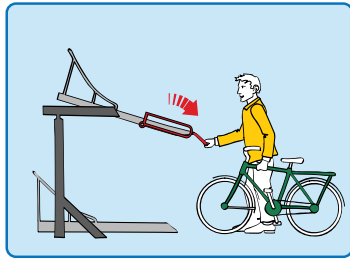
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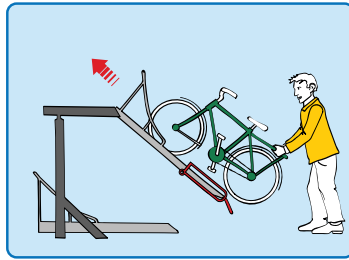
Josta® 2-tier High Capacity Racks

Store and retrieve your bike in four easy steps

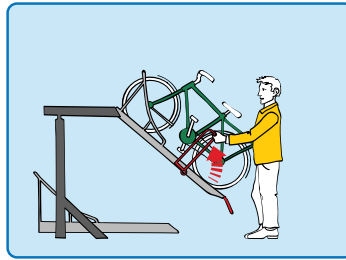
Loading your bike on to the upper racks



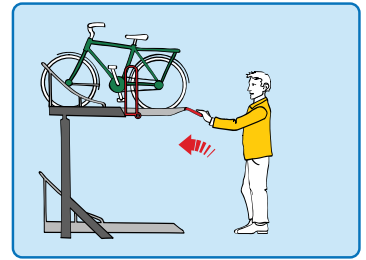
1. Pull down the upper rack.



2. Lift the front wheel onto the lowered rack and push forwards.

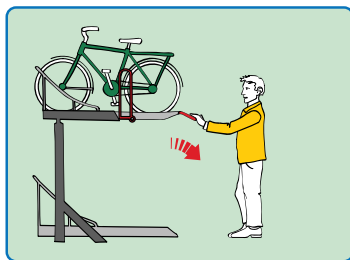


3. Raise the locking bar and lock the bike to it.

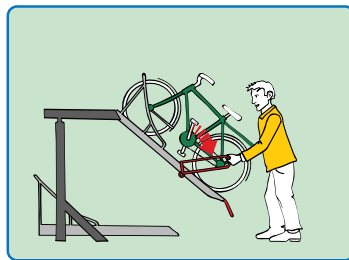


4. Lift the rack back into the horizontal position

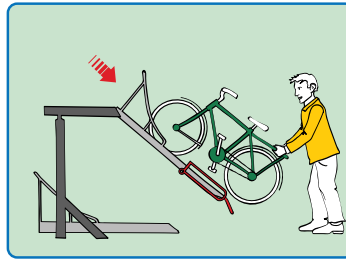
Unloading your bike from the upper racks



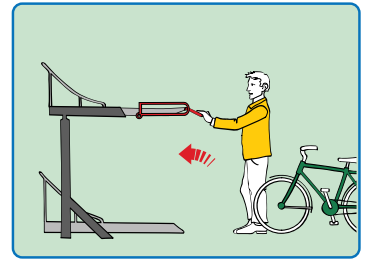
1. Pull down the upper rack, the bike will lower slowly towards you



2. Unlock the bike and lower the locking bar



3. Hold the bike and guide backwards towards you



4. Return the upper rack to its original position

Shelters

Cycle-Works can also provide a range of quality shelters and compounds to complement the Josta® 2-tier rack. These can be customised as required.

Shelter height

2700mm recommended
2600mm minimum



[more info](#)

Higher Kennet, East Croydon train station



[more info](#)

Higher Solent, Euston train station



[more info](#)

Medway Shelter, St George's Hospital



[more info](#)

Medway Compound, St George's Hospital



[more info](#)

Berlin Lockable Compound

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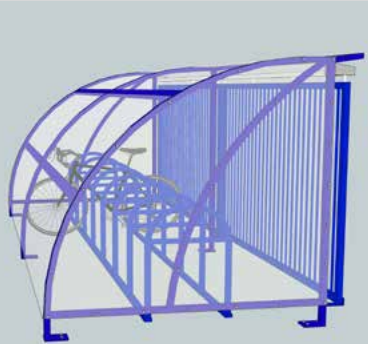




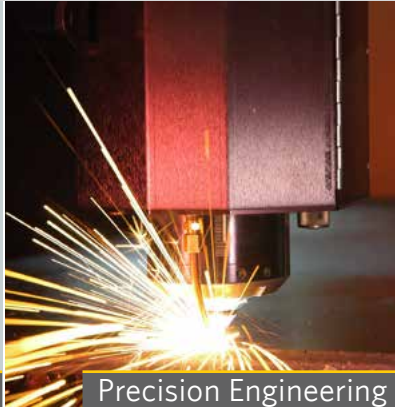
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3D Visualisations



Precision Engineering



Powder Coating



Professional Installation



Commercial / Residential



Healthcare



Rail

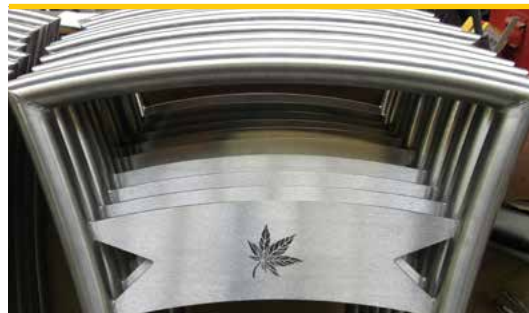


Education

About Cycle-Works

Cycling is our passion. We believe that cycling is good for people, good for society and good for the environment. This belief underpins everything we do. We believe that the provision of quality facilities will increase the use and acceptance of the bicycle.

All our employees and associates cycle regularly in diverse disciplines such as commuting, touring and long distance audax rides. We are active in both local and national cycle campaigning.



Our Products

- Individual bicycle lockers
- High capacity 2-tier racks
- Open access and lockable shelters
- Wide range of individual racks
- Vertical and horizontal racks



Our Services

- Initial site visits
- Advice on product selection
- Consultation on your plans
- Full delivery and installation
- Aftercare and maintenance



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selector



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