



SecuraBike

AS2890.3
Quick Reference
Guide

Rails | Racks | Cages | Lockers



Australian Standard 2890.3
COMPLIANT PRODUCTS



The Securabike Advantage



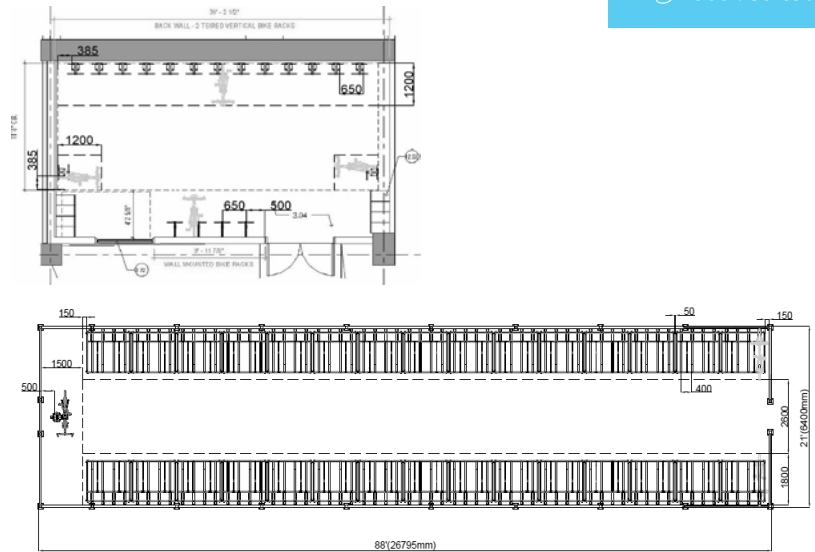
Materials

Most Securabike bicycle parking products are available in either galvanised mild steel or stainless steel. Securabike utilises their own robotic cutting, welders and powder coating equipment to ensure a consistent, high quality finish to all of our products.

Stainless steel provides an attractive, durable, low maintenance and corrosive-resistant product. Securabike stainless steel products are normally supplied in Grade 304 (Schedule 10) although Grade 316* is available on request. Linished or electropolished finishes are available.

Securabike have developed a comprehensive 'care and maintenance' instruction booklet for all their stainless steel products. It is available free upon request, or can be downloaded from the Securabike website.

* Grade 316 stainless steel with electropolished finish, while more expensive, is highly recommended for installations within 2 kilometres of the coast to minimise the likelihood of tea-staining contamination on stainless steel finishes.



Design Assistance

A free architectural design service is available to assist in designing the most practical use of areas allocated for bicycle parking and end-of-journey facilities.

Securabike's experienced design staff can prepare layout drawings that will best utilise the space available and at the same time be the most effective economic solution.



Service and Maintenance

Every Securabike client is guaranteed of unrivalled service, advice and technical support.

In-house service technicians available to provide the ongoing back-up and maintenance required.

Securabike also has a selection of preventative maintenance programs that can be tailored to your product.

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Design Considerations

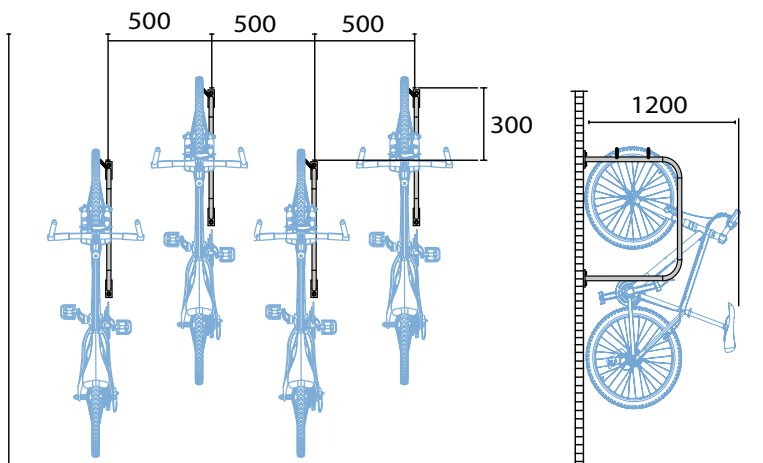
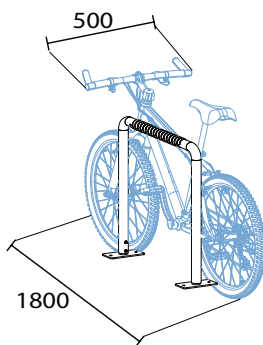
Securabikes Quick 2890.3 Overview

This quick checklist is designed to give you the main things to look for in meeting the standard. Be sure to have a copy of the standard or call our offices for more assistance including our free design service.

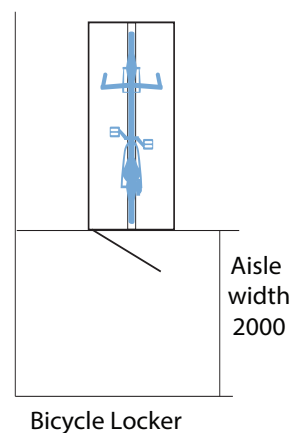
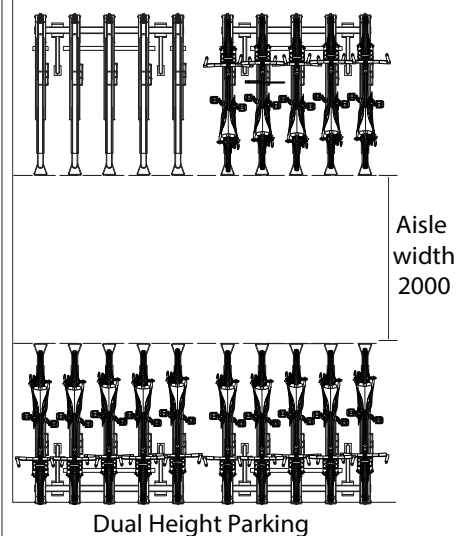
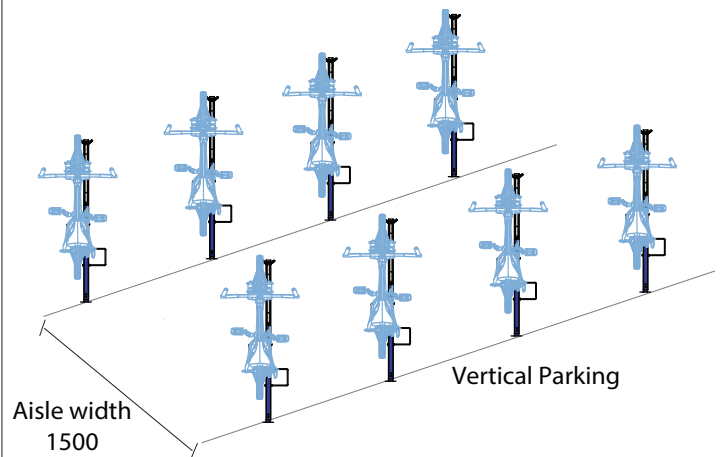
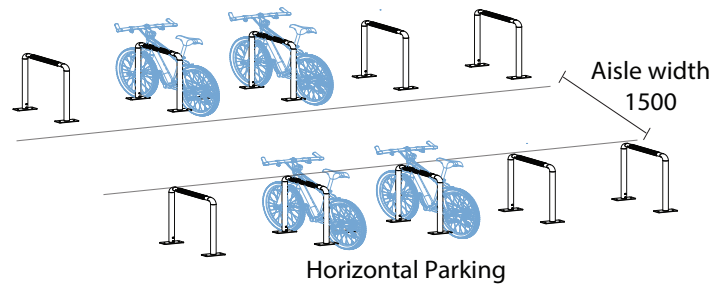
1. The standard is not mandatory unless for a Greenstar rating but is a good practice.



2. Footprint for each bike needs to be 1800mm long by 500mm wide in the parking facility. For vertical racks allow 1200mm long by 500mm wide. Vertical racks if staggered in height also need to be 500mm apart and separated by 300mm in height.

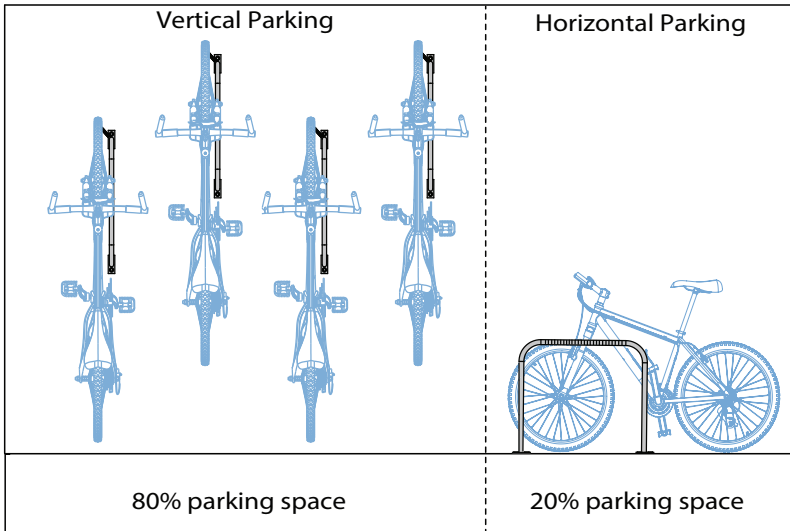


3. Aisles should be 1500mm or 2000mm wide for dual height and lockers.

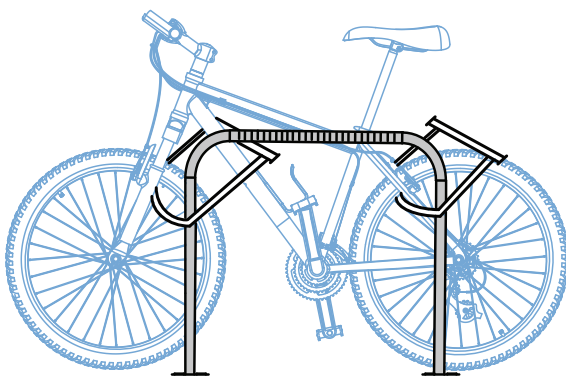


Securabikes Quick 2890.3 Overview

4. Keep 20% of racks aside for horizontal parking.



5. You need to be able to lock both wheels of the bike on rails and racks. Cable is ok if it is less than 1200mm in length.



6. Dual height racks need assisted lift. A gas strut is a good example.



There is obviously a lot more in the standard but these are some of the major design principles in the standard that Securabike would recommend you are aware of initially. Securabike can of course assist you with design layout and equipment advice.

Design Considerations

Area Requirements for Parking and Manoeuvring Bicycles

While there are many types of bicycles the standard dimension sizes stipulated by Australian Standard AS2890.3 that we need to design for is:

length - 1800mm

width - 500mm

height - 1200mm

It should be noted that certain types of bicycles may exceed or be less (eg folding bicycle) than the standard dimensions and special provision may need to be included in designs where needed.

The revised AS2890.3 standard has introduced a bicycle envelope to minimise clashes between bicycles and to improve the functionality of BPD's (bicycle parking devices).



Vertical parking

Bicycle storage or parking can be either horizontal or vertical. In the majority of installations the bicycle will be stored or parked horizontally which, for the cyclist, is physically less demanding than the vertical option.

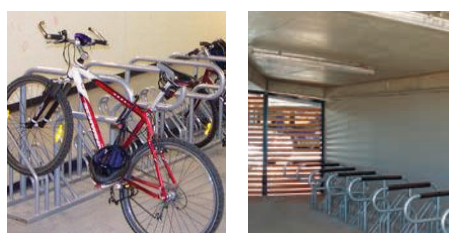
A new requirement of AS2890.3 introduced in the 2015 revision of the standard is that a minimum of 20% of all bike parking must be horizontal style parking in any bike parking

facility.

With installations catering for large numbers of bicycles, a combination of both horizontal and vertical parking devices should be used to provide the most economical utilisation of space and maximising the number of bicycles that can be accommodated.

Securabike has pioneered innovative methods to achieve optimum use of available space by staggering the height position of bicycles either in horizontal racks or vertical hanging rails.

The spacing details on the following page are Securabike recommendations based on the Company's extensive experience in installing



Horizontal parking

thousands of bicycle parking facilities.

Where possible, bicycle parking facilities should be designed with enough aisle space to make it easy for cyclists to use. Aisle widths should have a minimum of 1500mm except for multi-tiered racks and hand lockers where 2000mm is required.

(You also need to ensure you are complying with any local or central regulations).

Security Classes




The following guide to security classes as defined by Australian Standards AS2890.3 should be used when assessing bicycle parking and security.

Installing secure bicycle parking facilities for either short or long term encourages greater use of bicycles – particularly around urban centres.



BICYCLE PARKING FACILITY REQUIREMENTS



Security level	Physical requirements	Safety requirements	Typical applications
	<p>Locker – an individual locker with a high security locking mechanism.</p>	<p>Facilities are highly visible, publicly accessible and are close to the modal change point. Facilities have good lighting.</p>	<p>Transport hub or similar.</p>
	<p>Cage – a secure structure, protected from the weather, containing bicycle parking devices that allow users to lock the bicycle frame and both wheels. Users provided with security access devices such as keys, codes or swipe cards for communal cages. Users may provide their own locking devices for individual cages. Chain mesh is not suitable. Boom gates are not considered a security layer, and roller doors should default to closed unless in use.) Entrance gates are self-closing and self-locking.</p>	<p>Where available to the general public, or in large workplaces or institutions, some level of direct surveillance may be necessary to ensure that there is no theft among users (e.g. CCTV). Facilities should have good lighting. Facilities should be situated as close to the entrance/exit as practicable, e.g. lift core, workplace entrance, etc</p>	<p>Destination parking – the cyclist works, lives or studies nearby and the facility is generally part of the destination. All day parking where the cyclist continues on to a nearby location, e.g. a workplace, school, university. Resident parking at multi-dwelling developments. Restricted access (nonpublic) compound for schools and factories.</p>
	<p>A bicycle parking space, where the bicycle frame and both wheels can be locked to a bicycle parking device using the owner's own locking device.</p>	<p>Facilities should have good lighting. Facilities should be highly visible. Facilities should be located as close as practicable to the user's destination</p>	<p>Short term parking onstreet or off-street; retail, libraries, gyms, etc</p> <p>NOTE: Not appropriate for long term parking (more than two hours).</p>

NOTE: The level of security does not determine the standard of facility to be provided. Other factors including aesthetics and durability should be reasonable for the location.

Rails



Models

Hitching Rails

A diversity of models and styles designed to aesthetically enhance the location. Manufactured from flat steel or pipe.

Multiple Hitching Rails

Alleviates the need for concrete footings and expensive installations. Multiple hitching rails can also be installed directly onto masonry and paved surfaces avoiding the need to remove and re-lay pavers after installation.

Hanging Rails

Fixed to walls or ceilings in basements, garages and storerooms – or any area where floor space is limited. Also suitable for under stairs or along corridors. Hanging Rails help maximise utilisation of available area set aside for bicycle parking.

Custom Designs

Plasma-cut profiles from steel sheet.

Bicycle rail advantages

- Extremely versatile method of bicycle parking
- Can be located close to cyclist's destination
- Best suited for short term parking

Applications

- Footpaths
- Recreation centres
- Front entrances
- Retail shopping centres

Materials

Securabike Bicycle Rails are manufactured from high strength mild steel or aesthetically attractive stainless steel. While most models are available in both materials, please check the specification details on the product you are considering.

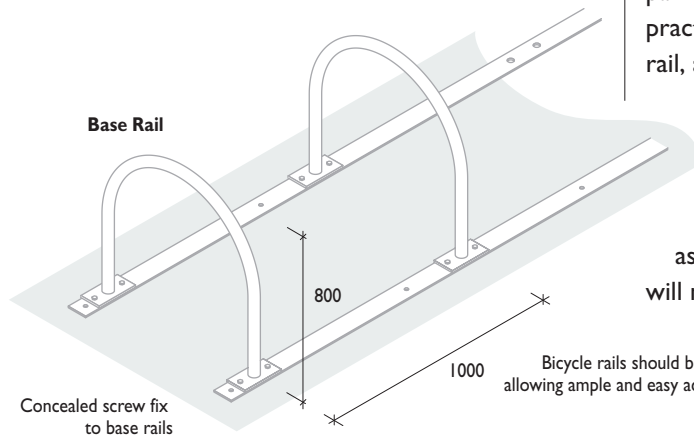
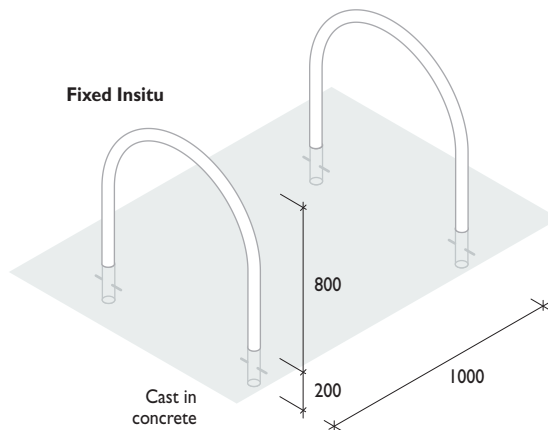
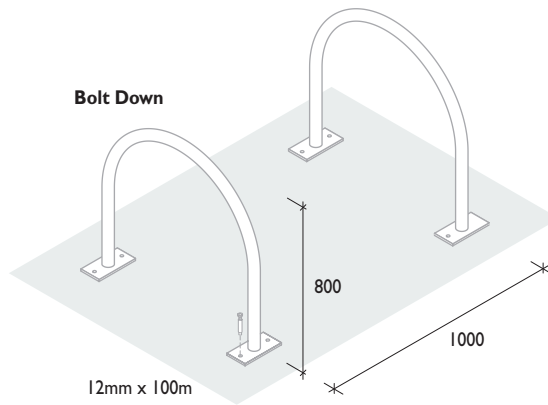
- Available in mild steel or stainless steel
- Mild steel units are available in hot dipped galvanised or electrostatically powder coated
- Stainless steel units are available in a finished finish or electropolished.
- Polypropylene plastic sleeve protection is available as an option on a number of models. Protects bicycle paintwork by preventing metal to metal contact.

Bicycle Rails

Most hitching rails are supplied complete with 200mm x 100mm rectangular base plates, allowing for installation by one of 3 methods:

- Bolt down using masonry anchors
- Fixed insitu (cast in)
- Connection to base rails

The main advantage of using the base rail system is that it eliminates the need for concrete footings



Bicycle rails should be installed at 1200 centres allowing ample and easy access for cyclists.



and substantially reduces installation costs. It also allows the unit to be relocated with minimum effort and cost. Security is maintained by the overall weight of the combined system.

While bicycle hitching rails potentially provide parking for two bicycles (one either side), in practice they usually only achieve one bicycle per rail, as cyclists are often reluctant to secure their bicycle if another is already tethered to the rail.

All bicycle frames that allow a bicycle's frame and both wheels to be secured, as well as being spaced at 1000mm apart, will meet the requirements of AS2890.3.

Bicycle Rails

Product Range

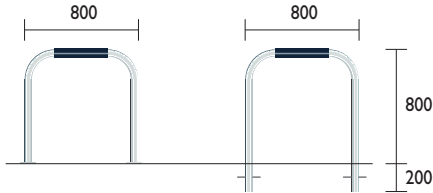
1300 780 450

MOST POPULAR MODEL

BR11B / F

BR11B
Galvanised
SBRI1B
Stainless Steel

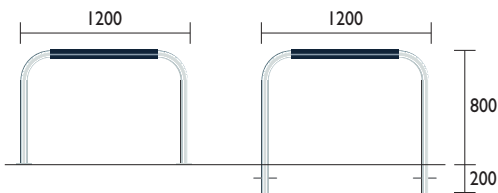
BR11F
Galvanised
SBRI1F
Stainless Steel



BR12B / F

BR12B
Galvanised
SBRI2B
Stainless Steel

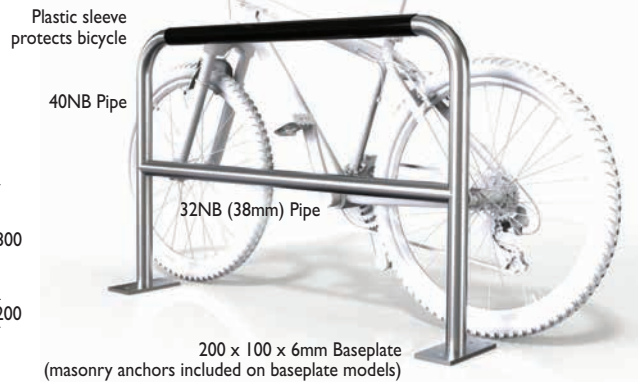
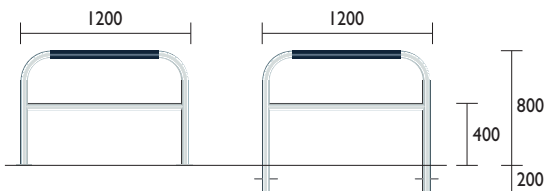
BR12F
Galvanised
SBRI2F
Stainless Steel



BR120B / F

BR120B
Galvanised
SBRI20B
Stainless Steel

BR120F
Galvanised
SBRI20F
Stainless Steel



Material Specifications (General)

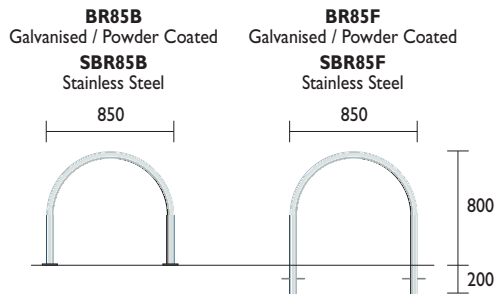
Mild steel 40NB (50.0) x 1.5mm Light duty pipe / Hot dipped galvanised / Powder coated in a range of colours
Stainless steel 40NB (50.0) x 1.5mm Grade 304 stainless steel pipe / Linished finish



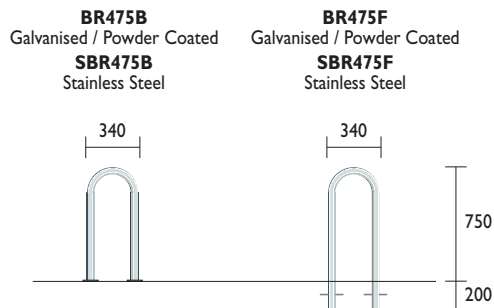
Bicycle Rails

BR85B / F

BIGGEST SELLER
in stainless steel



BR475B / F



Material Specifications (General)

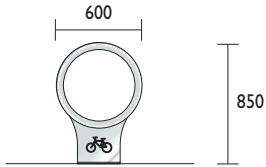
Mild steel 40NB (50.0) x 1.5mm Light duty pipe / Hot dipped galvanised / Powder coated in a range of colours
Stainless steel 40NB (50.0) x 1.5mm Grade 304 stainless steel pipe / Linished finish



Bicycle Rails

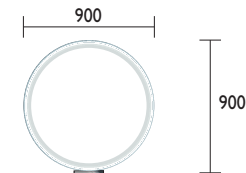
BR06B

BR06B
Galvanised / Powder Coated
SBR06B
Stainless Steel



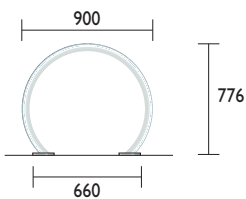
BR00B

BR00B
Galvanised / Powder Coated
SBR00B
Stainless Steel



BR00B OM Omega

BR00B OM
Galvanised / Powder Coated
SBR00B OM
Stainless Steel



Material Specifications (General)

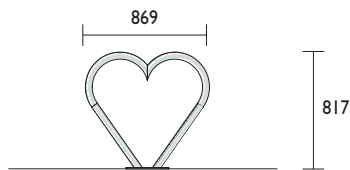
Galvanised 40NB (50.0) x 3.2mm Heavy duty galvanised pipe / Powder coated in a range of colours
Stainless steel 40NB (50.0) x 3.2mm Grade 304 Heavy duty stainless steel pipe / Linished finish



Bicycle Rails

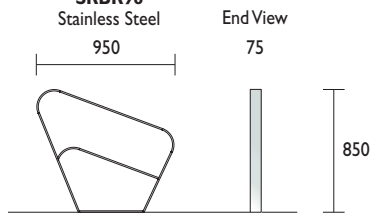
BR05B

BR05B
Galvanised / Powder Coated
SBR05B
Stainless Steel



Ribbon RBR98

RBR98
Galvanised / Powder Coated
SRBR98
Stainless Steel



AWARD
WINNING
DESIGN

Material Specifications (General)

BR05B Mild steel 8 / 10mm Plate / 40NB (50.0) x 1.5mm / 32NB (38.0) x 1.5mm Pipe / Galvanised / Powder coated in a range of colours
BR05B Stainless steel 8 / 10mm Plate / 40NB (50.0) x 1.5mm / 32NB (38.0) x 1.5mm Grade 304 Stainless steel pipe / Linished finish
RBR98 Mild steel 75 x 10mm Mild steel flat bar / Hot dipped galvanised / Powder coated in a range of colours
RBR98 Stainless steel 75 x 10mm Stainless flat bar / Linished



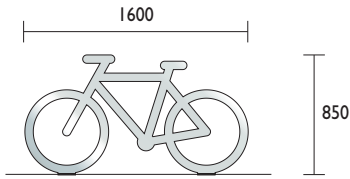
Bicycle Rails

Product Range

1300 780 450

BR1600B

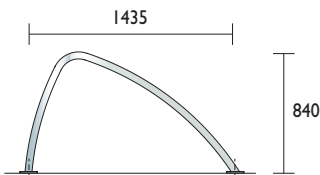
BR1600B
Galvanised / Powder Coated
SBR1600B
Stainless Steel



POPULAR MODEL

BR04B

BR04B
Galvanised / Powder Coated
SBR04B
Stainless Steel



Material Specifications (General)

Mild steel 10mm Mild steel plate / 32NB (38.1) x 1.5mm Galvanised pipe / Powder coated in a range of colours

Stainless steel 10mm Stainless steel plate / 32NB (38.1) x 1.5mm Stainless steel pipe / Linished finish

Note: Plate bike rails may not be visually suitable for all footpath installations where pedestrians will approach from the rail's narrow side.



Multiple Hitching Rail
HRB2/3/4/5

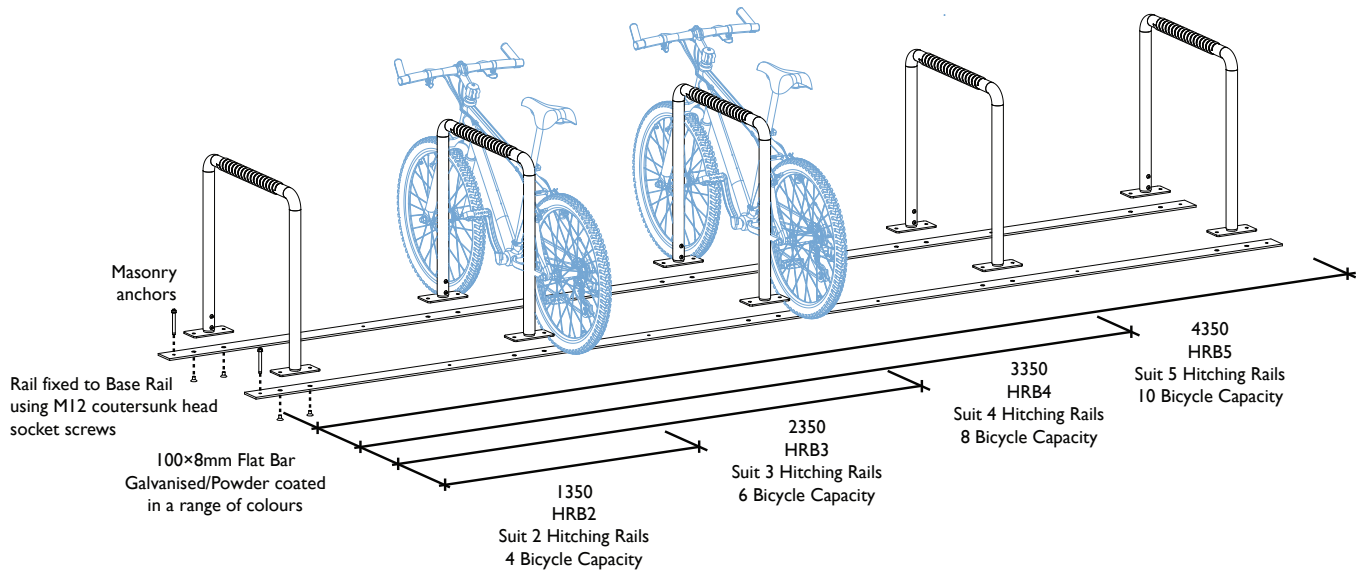
Many of Securabike's Bicycle Rails are supplied as individual units that can be bolted to Base Rails to accommodate 2, 3, 4 or 5 units.
The system eliminates the need to provide multiple concrete footings and is ideal for use over paved or bitumen surfaces.

Typical Installation Example
BR11B Bicycle Rail
illustrated



NOTE Also available in stainless steel.
Add "S" to the prefix model no. when ordering (SHRB)

HRB5 illustrated
Suits 5 Hitching Rails
10 Bicycle Capacity



Bicycle rails should be installed at 1000 centres to conform to AS2890.3 requirements allowing easy access for cyclists.

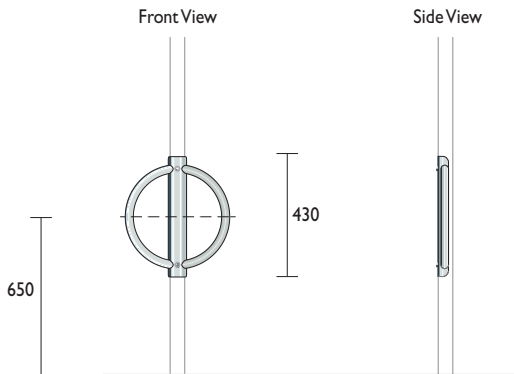
Material Specifications (General)

Mild steel 100 x 8mm Mild steel flat bar / Galvanised / Powder coated in a range of colours
Stainless steel 100 x 8mm Stainless flat bar / Linished finish



Bicycle Rails > Post Mounted

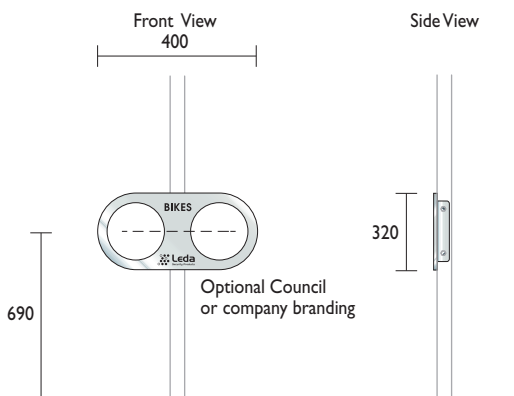
PPR50



25NB Pipe

Units are designed to bolt-fix to existing 40NB or 50NB posts using M12 bolts & shear nuts

PPR52

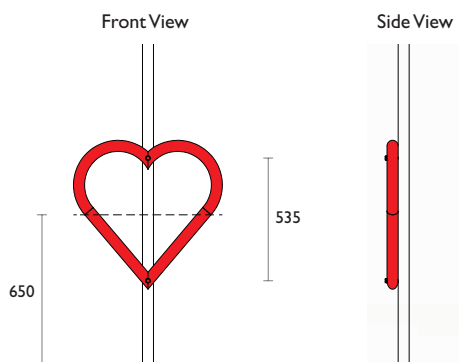


16mm Plate

Units are designed to bolt-fix to existing 40NB or 50NB posts using M12 bolts & shear nuts

HSBPR

Heart Shaped



40NB Pipe



Units are designed to bolt-fix to existing 40NB or 50NB posts using M12 bolts & shear nuts

Material Specifications (General)

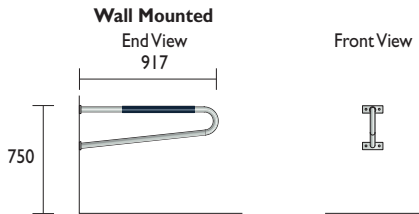
- PPR50 32NB (38.0) x 1.5mm Galvanised pipe / 32NB (38.0) x 1.5mm Stainless steel pipe
- PPR52 16mm (nominal) Aluminium plate
- HSBPR 40NB (50.0) x 1.5mm Pipe / Galvanised / Powder coated in a range of colours



Bicycle Rails > Post/Wall Mounted

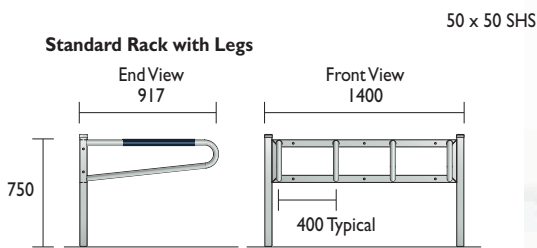
BRX03W

Hitching Rail



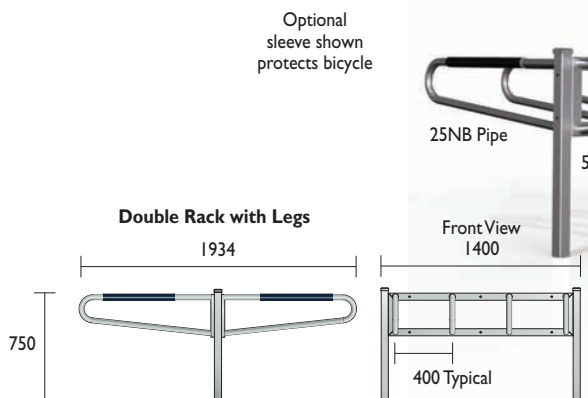
BRX03L

Hitching Rail



BRX03D

Hitching Rail



Material Specifications (General)

Frame 50 x 50 x 4mm SHS / Hot dipped galvanised / Powder coated in a range of colours
 Supports 25NB (32.0) x 2.5mm Pipe / Hot dipped galvanised / Powder coated in a range of colours



Racks



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Bicycle racks are the most popular method of parking or securing bicycles. They are normally the most economical option and the preferred choice by cyclists.

Securabike's extensive range of racks is designed to cater for virtually every type of application likely to be encountered. Whether for use in above or below ground parking, for 4 or 400 bicycles, Securabike has a bicycle rack suitable.

Securabike offers economical do-it-yourself flat packed units or fully welded units for use in locations where vandal resistance or high security is required.

As one of the largest manufacturer of bicycle parking products for over 20 years, Securabike provides you with the knowledge that when you specify or purchase a Securabike bicycle rack, you can be confident in selecting the best product available.

Bicycle Racks Advantages

- Allow the maximum number of bicycles and the best utilisation of available space
- Best suited for medium to long term parking
- Efficient bicycle storage
- Long lasting and durable
- Easily installed
- Economical

Applications

- Residential apartments
- Recreation centres
- Workplaces
- Schools, colleges and universities
- Retail shopping centres
- Train and bus interchanges

Materials

Securabike bicycle racks are manufactured from high strength mild steel or aesthetically attractive stainless steel. While most models are available in both materials, please check the specification details on the product you are considering.

- Mild steel units are available in hot dipped galvanised or electrostatically powder coated
- Stainless steel units are available in a finished finish or electropolished.

Finish

Steel racks are normally supplied in either galvanised or our standard range of powder coated colours (see page 43).

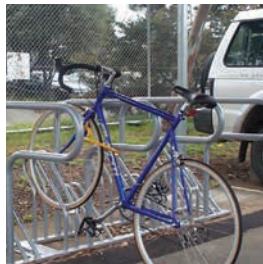
Special colours are available at extra cost.



Bicycle Racks

OUR MOST
POPULAR
RACK

Thousands
installed



The Compact

Popular with cyclists as the leaning rail provides full support of the bicycle minimising the possibility of accidental damage.

It also allows cyclists to securely locate the front or back wheel while allowing them to use a 'U' lock to secure the frame and the other wheel to the leaning rail.

Wheel supports have staggered heights which allows bicycles to be located with 500mm spacings as required by AS2890.3.

Bicycle Racks > Horizontal

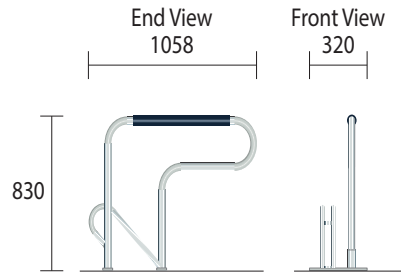
Compact CBR1SCTM
Fully-welded

CBR1SCTM
Hot Dipped Galvanised
SCBR1SCTM
Stainless Steel



40 x 8mm Base Rails

Single-sided access



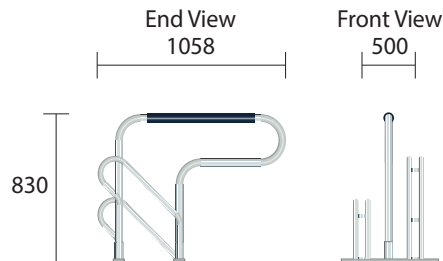
Compact CBR2SCTM
Fully-welded

CBR2SCTM
Hot Dipped Galvanised
SCBR2SCTM
Stainless Steel



40 x 8mm Base Rails

Single-sided access



Material Specifications (General)
 Mild steel 32NB (38.0) x 1.5mm / Ø19 x 1.2mm Pipe / 8mm Plate / Hot dipped galvanised / Powder coated in a range of colours
 Stainless steel 32NB (38.0) x 1.5mm / Ø19 x 1.2mm Stainless steel pipe / 8mm Plate / Linished



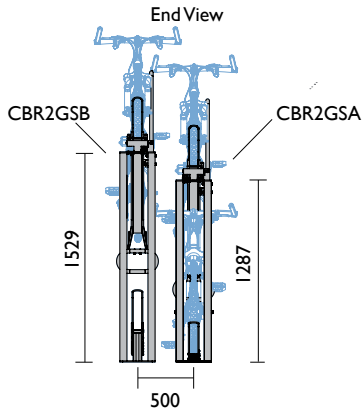
Bicycle Racks > Horizontal

CBR2GS Dual Height

CBR2GSA top tier 1287mm high
 CBR2GSB top tier 1529mm high
 So you can stagger heights, be sure to nominate the quantity of each required.

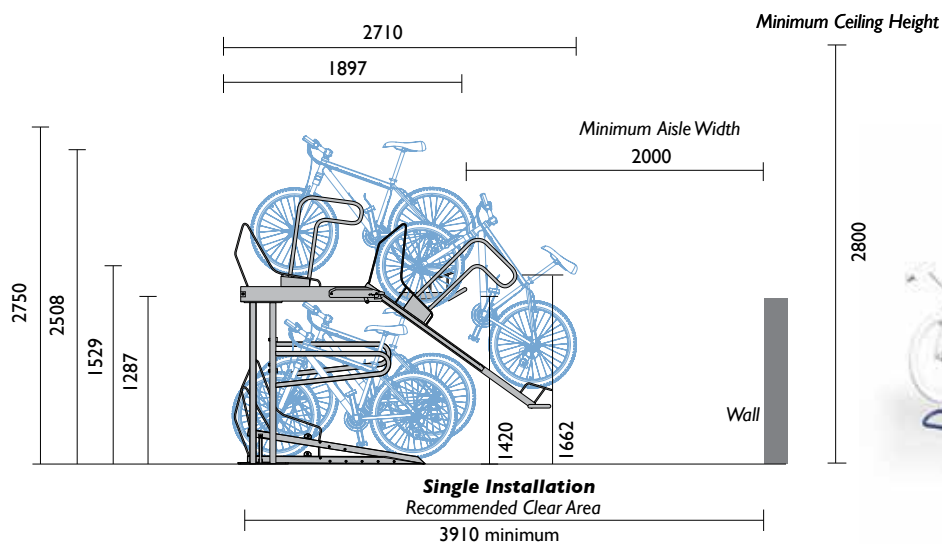
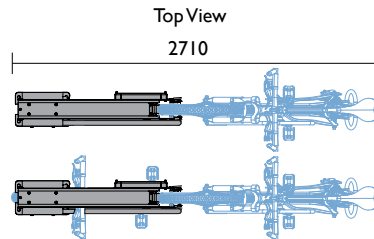
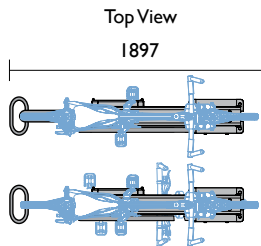
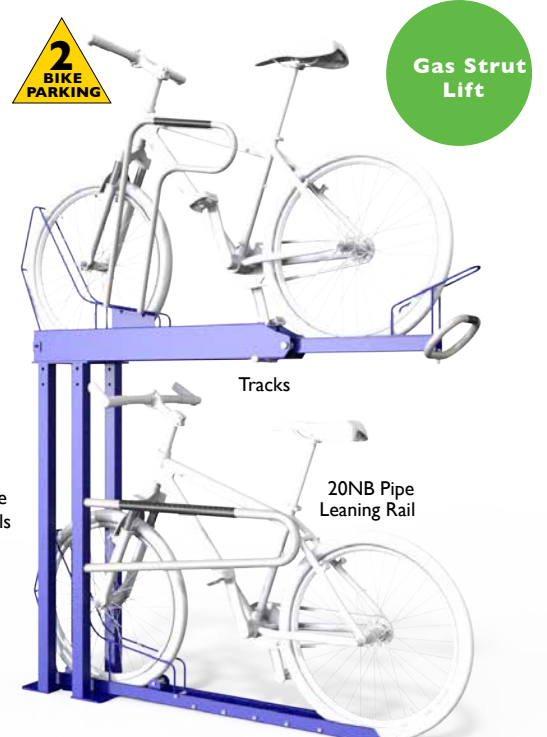
Provides the maximum utilisation of allocated horizontal storage and parking, and is easy to use. Simply pull out the sliding base rail until it reaches its pivot point, and fold down to allow easy positioning of your bicycle. A leaning rail provides stability and a secure point for locking both the frame and the wheel.

ASSISTED LIFT



Supplied in knock-down kit form for easy assembly on site.

Each CBR2GS rack can park a single bicycle on the upper and lower levels for a total of 2 bicycles.



CBR2GS is also available in a double storey locker. Refer Lockers section.



Material Specifications (General)

Frame 125 x 75 x 3mm RHS / Hot dipped galvanised / Powder coated in a range of colours
 Extensions 65 x 65 x 3mm Track / 75 x 40 x 4mm Channel / 20NB (25.0) x 1.2mm Pipe / Hot dipped galvanised



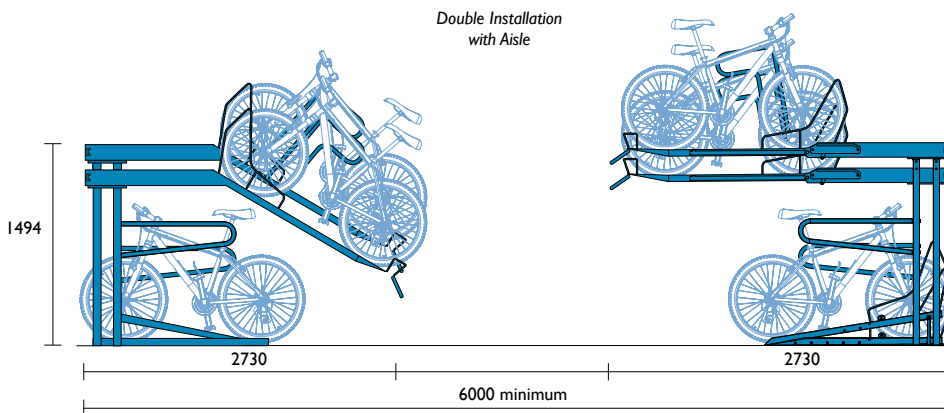
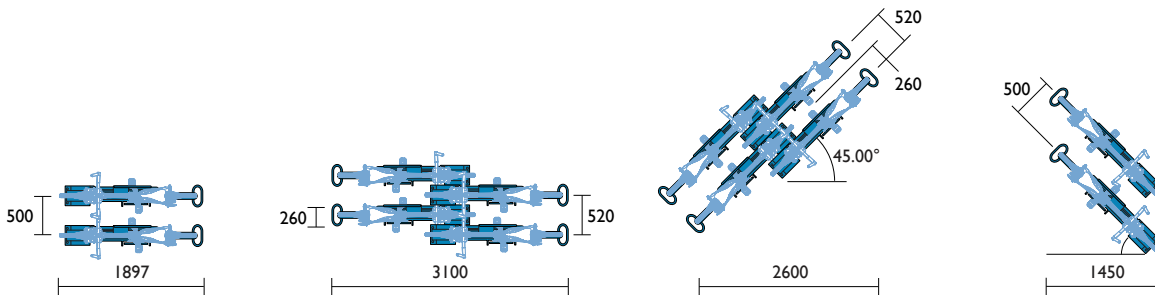
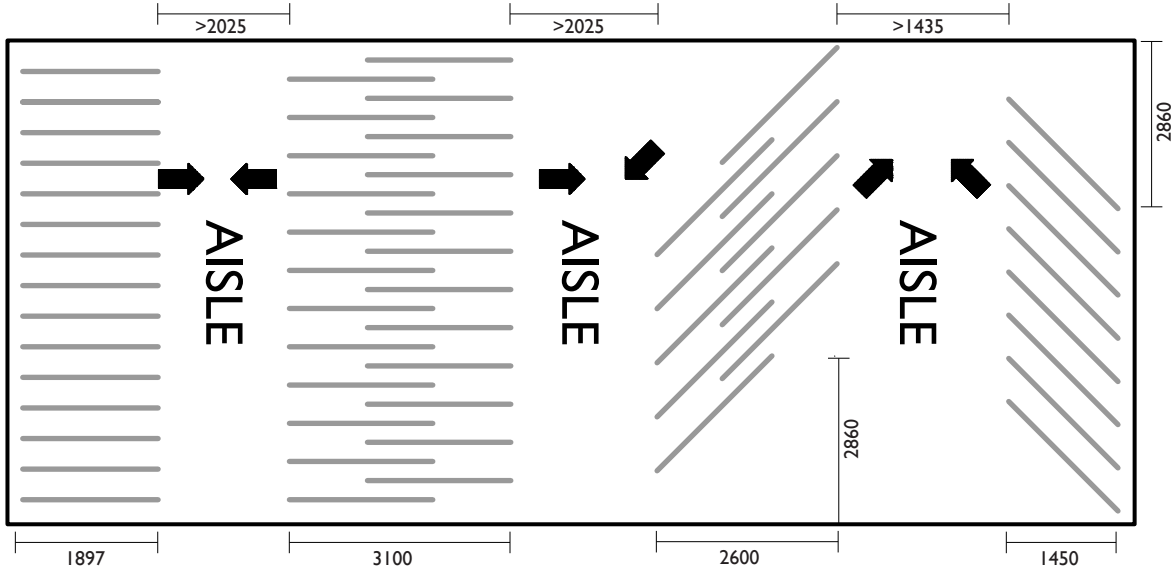
Bicycle Racks > Horizontal

CBR2GS
Dual Height

Installation layouts

Securabike offers a free design and layout service to assist architects and builders. Alternatively you can also use the information below to plan the best use of the space available for bicycle parking. The CBR2GS system is designed to maximise the number of bicycles that can be accommodated.

Racks can be angled for smaller width rooms



Material Specifications (General)

Frame 125 x 75 x 3mm RHS / Hot dipped galvanised / Powder coated in a range of colours
 Extensions 65 x 65 x 3mm Track / 75 x 40 x 4mm channel / 20NB (25.0) x 1.2mm pipe / Hot dipped galvanised

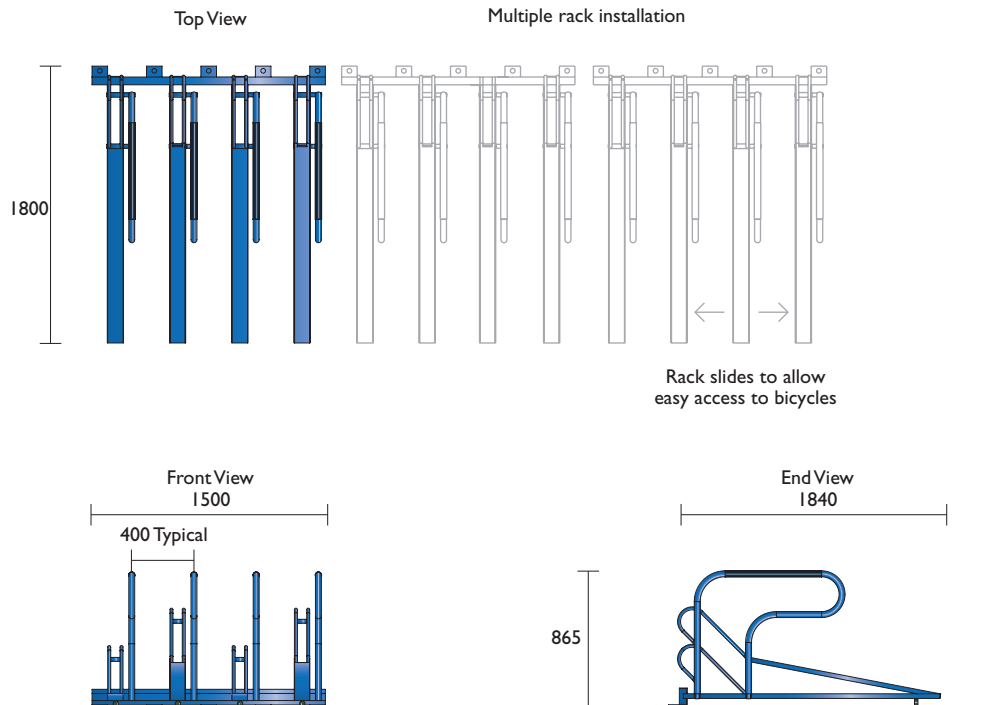
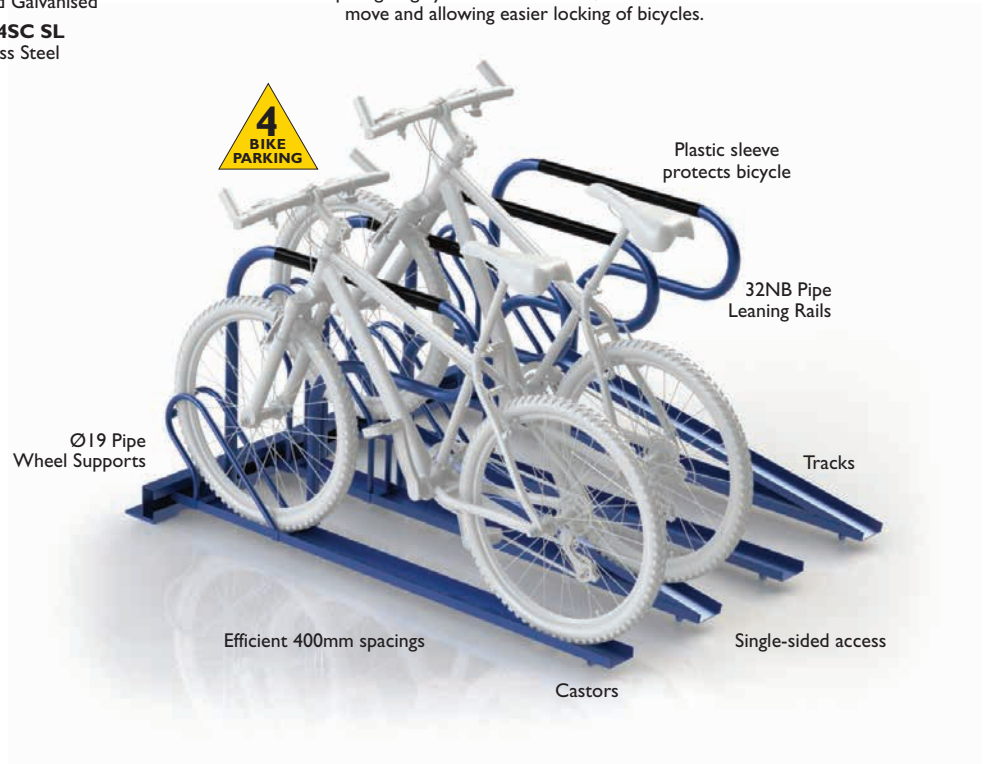


Bicycle Racks > Horizontal

CBR4SC SL

CBR4SC SL
Hot Dipped Galvanised
SCBR4SC SL
Stainless Steel

Space can be tight in busy bicycle parking stations so the CBR4SC SL is designed to slide bicycles apart giving cyclists better access, more room to move and allowing easier locking of bicycles.



Note: CBR4SC SL needs to be on perfectly flat ground or the bikes will slide down hill on rollers.

Material Specifications (General)

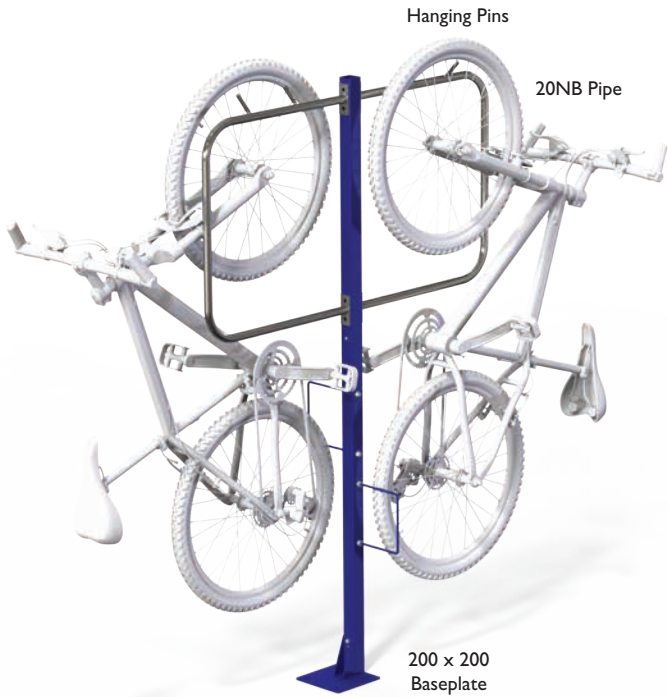
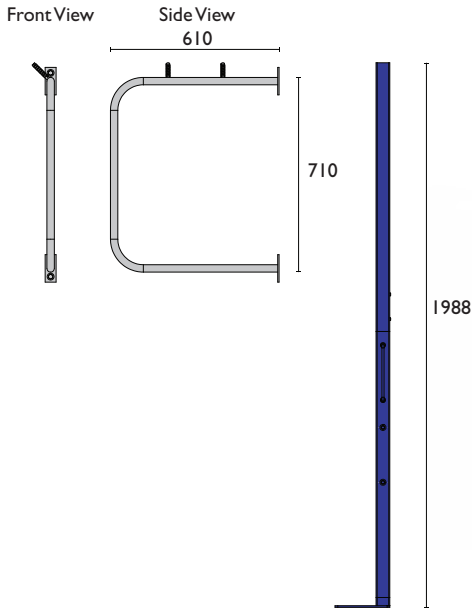
Mild steel 32NB (38.0) x 1.5mm / Ø19 x 1.2mm Pipe / 8mm plate / Hot dipped galvanised / Powder coated in a range of colours
Stainless steel 32NB (38.0) x 1.5mm / Ø19 x 1.2mm Stainless steel pipe / 8mm plate / Linished



BR66F
Wall or Post Mount

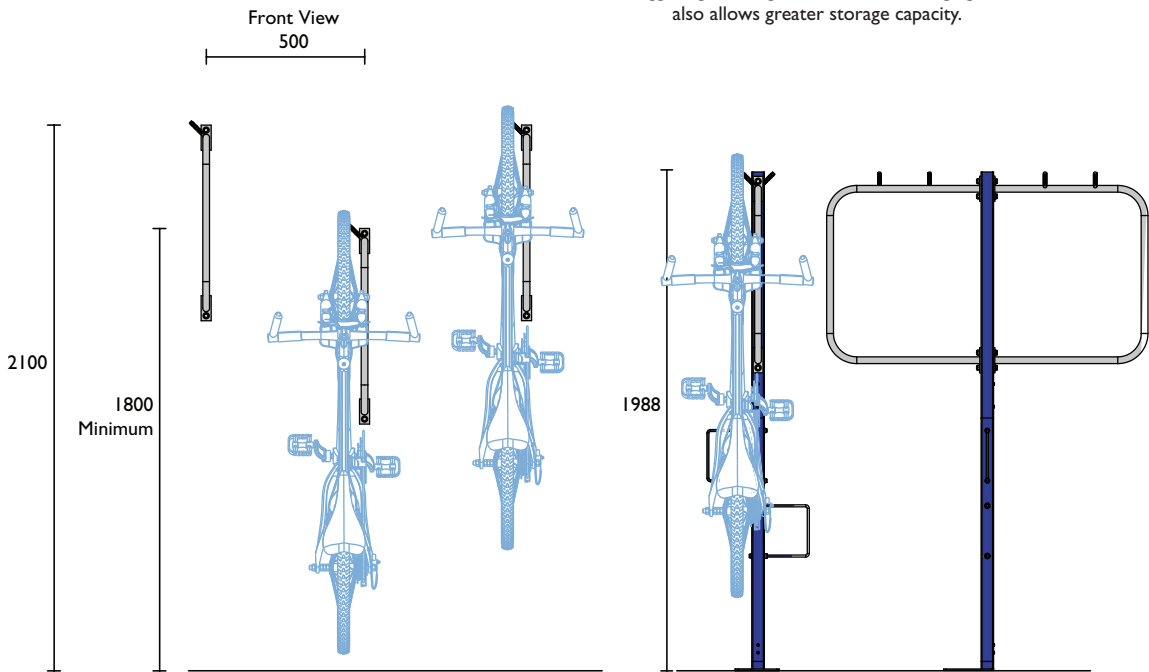
BR66F
Wall Mount

BR662F
Post Mount



Multiple Installation Guide
Utilising the available wall space in the bicycle parking location, helps maximise the number of bicycles that can be securely stored.

Staggering the height of the BR66F Hanging Rail also allows greater storage capacity.



Material Specifications (General)

Mild steel 20NB (25.0) x 1.2mm medium duty pipe / Ø12 Hanging pins / Galvanised / Powder coated in a range of colours
Stainless steel 20NB (25.0) x 1.2mm Grade 304 stainless steel pipe / Ø12 Hanging pins / Linished



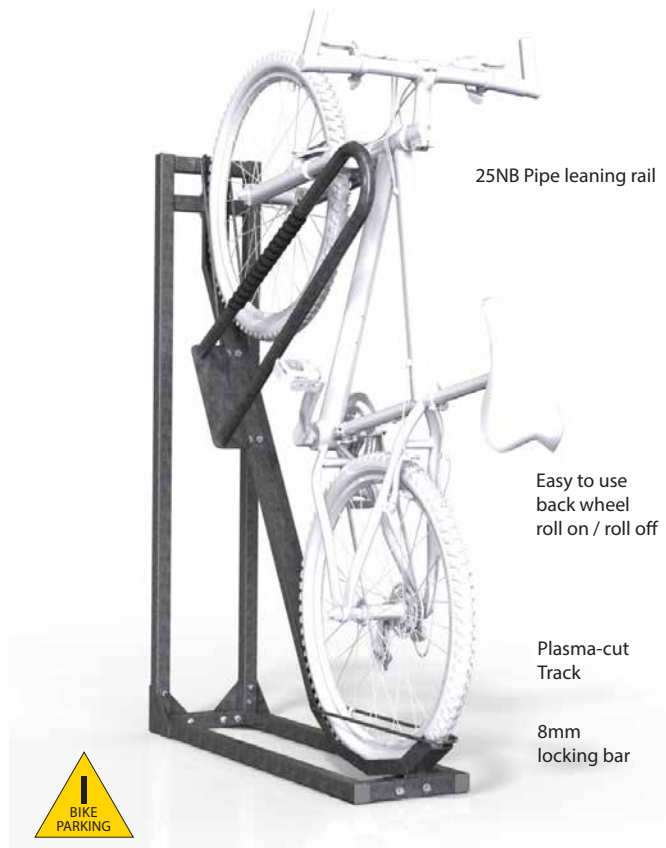
Bicycle Racks > Vertical

BRV21B

With leaning rail fitted

This single unit is best used at the end of rows or hard to reach places.

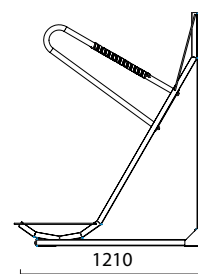
20NB Pipe leaning rail can be fitted for higher security applications.



Front View



Side View BRV21B



Material Specifications (General)
Frame 40 x 40 x 2mm SHS / 8mm round bar
Wheel guide 2mm folded galvanised sheet
Finish Hot dipped galvanised



Bicycle Racks > Vertical

BRV26B
Semi Vertical

BRV26B
(With leaning rail fitted)



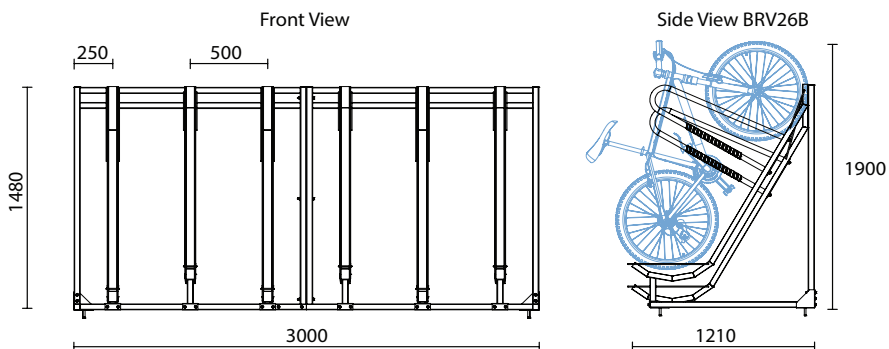
Easy to use
back wheel
roll on / roll off

Plasma-cut
Tracks

40x40x2mm SHS

Using a modular steel frame, the BRV26B is supplied in knock-down kit form allowing it to be easily transported and quickly bolted together on site.

Leaning rails can be fitted for higher security applications (BRV26B), as well as wheels to slide the entire rack away from a wall. e.g. intermittent access to storage or utility areas.



Material Specifications (General)

Frame 40x40x2mm SHS / Hot dipped galvanised / Powder coated in a range of colours
Track / Rails 2mm mild steel plate / 20NB (25.0) x 1.2mm Pipe / Hot dipped galvanised or powder coated in a range of colours



Cages



Securabike's bicycle cages are designed to provide cyclists with excellent security for their bicycles. The cages can be provided as fully assembled unit or in flat pack (for shipping purposes) which can be easily assembled once on site.

A range of locking systems including master keying are available on cages. They can also be finished in a range of powdercoat colours.

Steel mesh cages provide good visibility and excellent security and are a practical alternative to lockers, particularly where there is a need to cater for large number of cyclists such as apartment and office buildings or railway stations and bus interchanges.

Cages are also ideal in basement locations where fire or sprinkler regulations may prohibit the installation of metal sheet clad lockers.

Ideally, cages should be positioned where they are easily accessible from the street (within 30 metres if possible) and close to showers and change facilities.

Advantages

- Provide Class 2 Security (AS2890.3)
- Cages have unique keying system
- Can be tailored to suit application
- Only casual surveillance required
- Best suited for medium to long term parking
- A cost effective alternative to fully enclosed lockers.

Applications

- Commercial & industrial sites
- Residential apartment buildings
- Educational facilities
- Railway stations
- Bus interchanges





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Bicycle Cages

Fully enclosed steel mesh cages provide good visibility and excellent security and are supplied in vertical storage (minimal floor area) or horizontal configuration.

All cages (except Economy) include:

- Individual keying system
- Wheel rail – provides easy central location of bicycles
- Standard cages include one side panel and one door panel and the last cage requires a closure panel.

Finish

Cages are supplied standard in a galvanised finish. Powder coating, in a range of colours, is available at extra cost. See the range of colours on page 43.

Cages Options

- Back and roof mesh panels
- Metal roof and flashings
- Master keying system
- Vandal-resistant T handle
- Secure 3-way locking

Cages

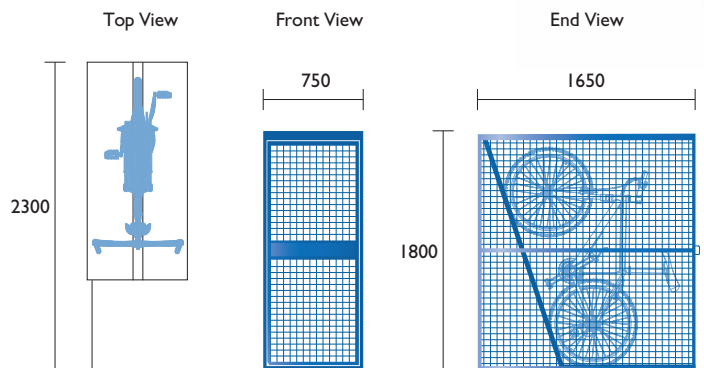
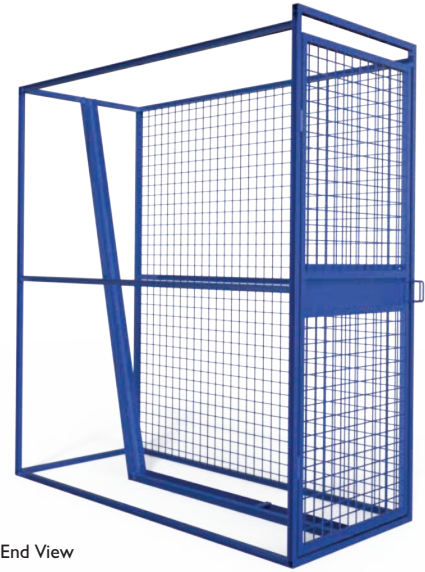
MBL16S Modular

Standard Unit
Side Panel x 1 + Front Gate
no roof, no rear panel

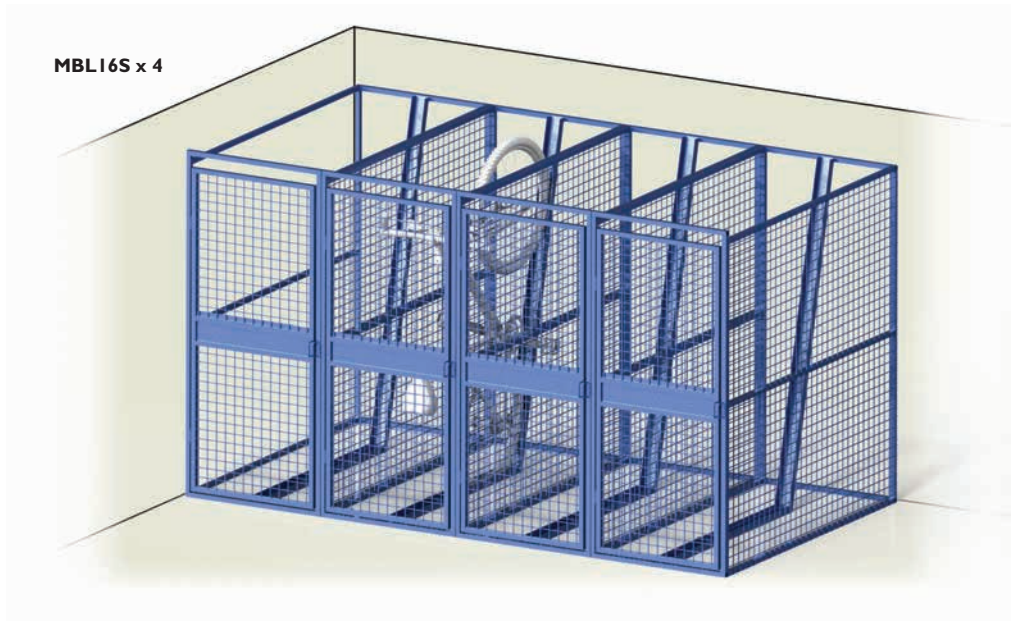
The MBL16S is used for a line of cages against a wall. As often in underground areas the roof is optional MR717



Optional hasp and staple
allows cyclists
to use their own
U lock or padlock



MBL16S x 4



Material Specifications (General)

MBL16S 25 x 25 x 1.6mm SHS / 50 x 50 x 4mm steel mesh / Galvanised / Powder coated in a range of colours
Wheel rail, vandal-proof lock, 3-way locking, optional back & roof panels



Cages

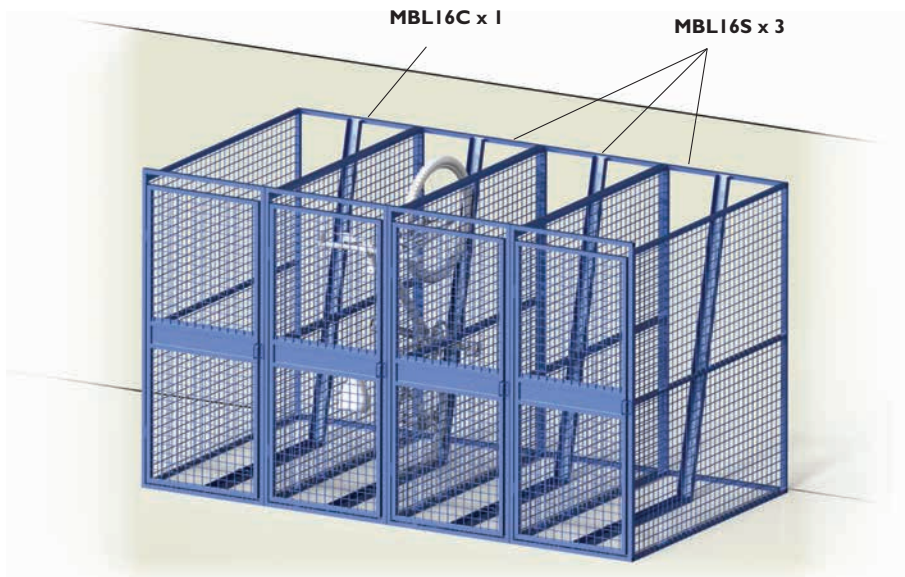
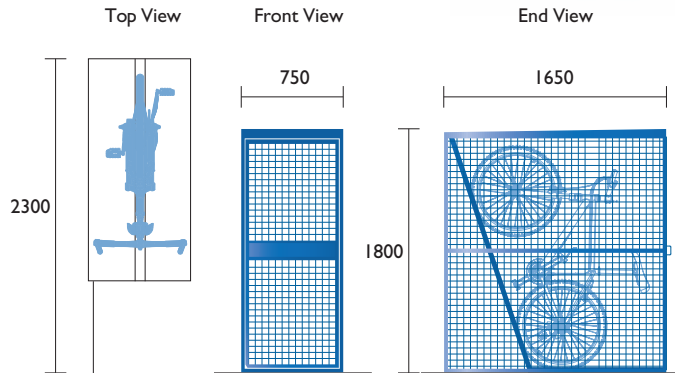
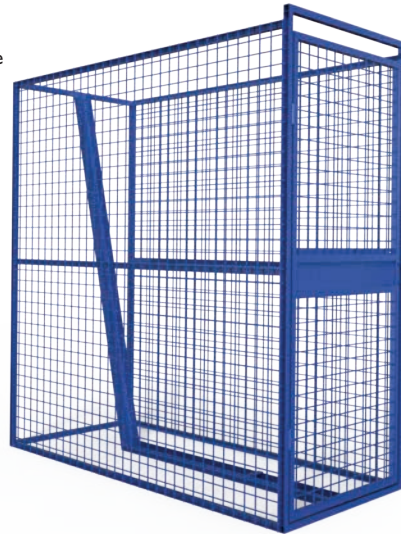
MBL16C Closure Unit

Side Panels x 2 + Front Gate + Roof
Add MR719 for optional backing panel for free standing.



Optional hasp and staple allows cyclists to use their own U lock or padlock

- Options
- MR717 Cage roof panel
 - MR718 Cage side panel
 - MR719 Cage rear panel



Material Specifications (General)

MBL16C 25 x 25 x 1.6mm SHS / 50 x 50 x 4mm steel mesh / Galvanised / Powder coated in a range of colours
Wheel rail, vandal-proof lock, 3-way locking, optional back & roof panels



Lockers



Fully enclosed galvanised steel lockers provide the highest level of security (Class 1) to AS2890.3. While they are the most popular secure parking for cyclists, they are the most expensive bike parking option.

Securabike's BSL and BVL lockers are in wide use in various state and metropolitan rail networks, making them a widely-specified and used locker.

Securabike bicycle lockers are available in both horizontal and vertical models and are manufactured from 1.6mm galvanised sheeting for maximum durability and corrosive resistance (BSL18S and BSL18D). They can also be powder coated in a range of colours. Some models are now available in stainless steel (grade 316) to cater for locations near the seafront where corrosion is a concern.

Horizontal lockers have been designed as a demountable unit and are supplied either as a flat pack or pre-assembled. Flat packs offer substantial freight savings, particularly if being transported to regional or interstate locations.

They are supplied in single or the more popular and cost-effective double locker.

Vertical lockers can be manufactured demountable or flatpack in 2, 3 or 4 locker modules which are constructed around a steel frame providing robust, high vandal-resistant security.

Advantages

- Provide the highest level of security – Class 1
- Modular system tailored to suit application
- Single, double or vertical configuration
- Protects bicycle from weather
- Bicycle is hidden from view
- Surveillance not normally required
- Best suited for long term parking
- Individual locking with master keying system

Applications

- Railway stations and bus interchanges
- Park and ride terminals
- Workplaces
- University and college campuses
- Apartments

Note – All Leda bicycle lockers comply with AS2890.3.

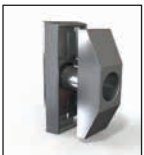
Standard lockers are supplied with a basic key-operated 3-way locking system suitable for small quantities or where security is not a major issue. Securabike recommends that ‘hasp and staple’ locking be added where access and security is provided by the cyclist.

Recommended options



HSL

Hasp and staple – allows the cyclist to use their own U locks or padlock



VRTH

Vandal-resistant T handle – spring-loaded handle locates flush when not being used, to minimise vandalism



MKL

Master keying – recommended for multiple locker installations to provide improved locker management and security



MHH

Metal hanging hooks – for helmets and apparel



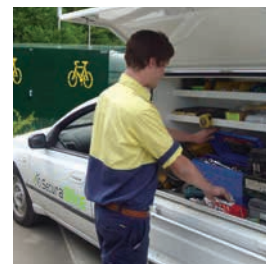
LVPI

Ventilation panels – provides air movement and also allows inspection to ensure lockers are in use, and being used correctly

Electronic Locking System



Securabike has developed an electronic locking system for its range of lockers, cages and compounds. The system is designed to provide greater utilisation of the lockers while increasing security and minimising management costs.



Management Plan

Securabike’s many years’ experience in supplying and maintaining bicycle lockers has highlighted the need to develop a management plan to ensure the best possible utilisation of the lockers, what security should be provided and what the cyclist needs to provide. Additionally, Securabike can advise on what service and maintenance needs are required to maximise the life expectancy of the lockers.

Finish

Lockers are supplied standard in a galvanised steel finish. Powder coating, in a range of colours, is available at extra cost. See the range of colours on page 43.

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Lockers

BLB632
Mini Locker



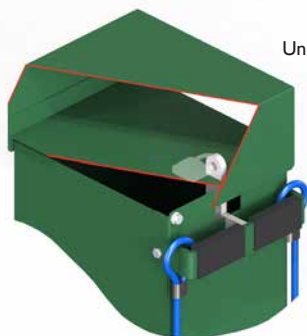
Security and Storage.

Provides excellent security by allowing both wheels and the bicycle frame to be secured.

Additionally, it allows the cyclist to store riding apparel such as backpack, helmet and gloves.

Optional precast concrete slab is available for where the locker is not being installed onto an existing concrete slab.

Shown cut-away for clarity



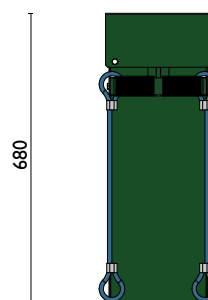
Lid secured by padlock through locking pin. Undercover - vandal resistant and weather protected



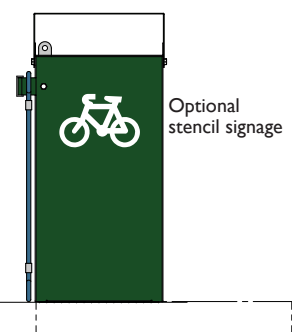
Can be secured by padlock or cyclist's U lock

PVC cushion protects bicycle paintwork

Front View
250



End View
300



Optional stencil signage

Optional Precast Concrete Slab
900 x 600 x 75mm

Material Specifications (General)

BLB632 1.6mm Galvabond® sheet / Powder coated Heritage Green / Stainless steel wire cables (PVC coated)



Lockers

Product Range

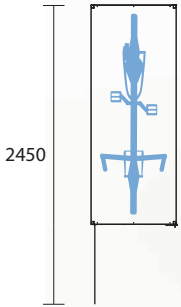
1300 780 450

TBL18S

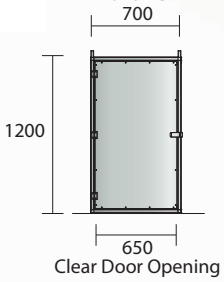
Economy Range

Securabike's most cost effective bicycle locker. This design is supplied in knock down kit form. It uses a tubular steel frame that clips together. The door and cladding are then attached by pop rivets. Quick and easy to assemble and install.

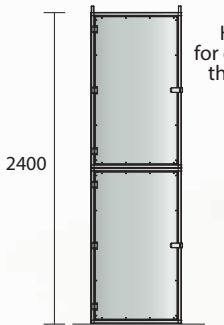
TBL18S Plan View



Front View



Front View Stackable



Hasp and staple for cyclists to provide their own padlock.



SUITABLE FOR STACKING TWO HIGH

Material Specifications (General)	
TBL18S	25 x 25mm RHS steel frame
	0.8mm galvanised metal sheet
Finish	Galvanised or powder coated in a range of colours



Lockers

BSL18S

Horizontal

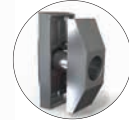
Single locker with horizontal storage

Ideal where only single-sided access is available

Creased roof panel to provide strength and fall for water run-off (stiffener channel underneath)



Optional stencil signage

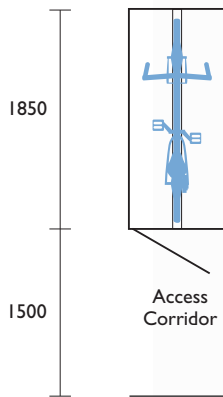


Optional spring-loaded T handle provides improved vandal resistance and allows master keying

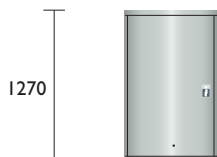
Three point secure locking

10mm hole for scope camera

Plan View



Front View
795



Side View
1850



Material Specifications (General)

Material 1.6mm Galvabond® sheet
 Inclusions Reinforced door & roof stiffeners, wheel rail, pull-out channel on 2 storey lockers. Clothes / helmet hooks, 3-way locking, security camera access
 Finish Galvanised or powder coated in a range of colours



Lockers

BSL18D
Horizontal

BSL18D
Galvabond®
SBSL18D
Stainless Steel

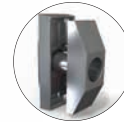
The double bike locker is Securabike's most popular model



Optional ventilation panel

Creased roof panel to provide strength and fall for water run-off (stiffener channel underneath)

Optional stencil signage

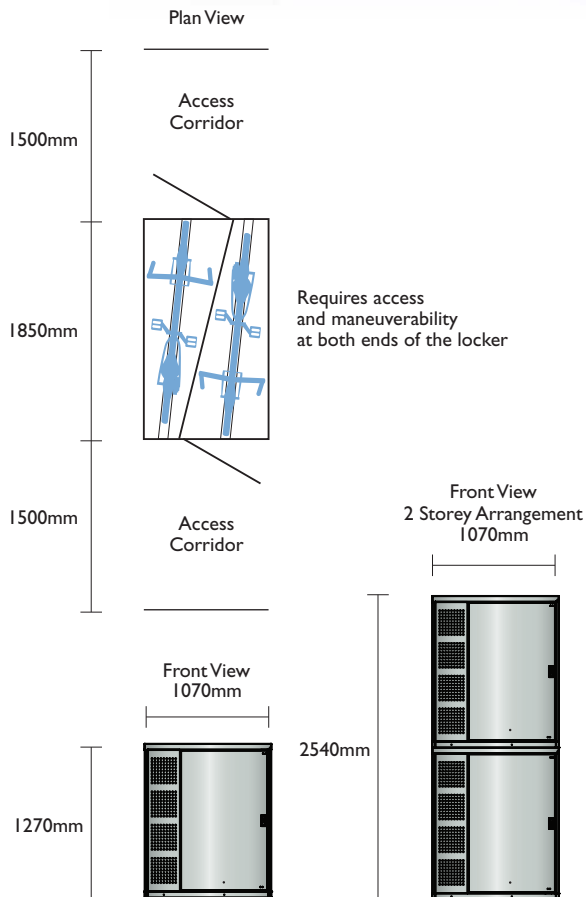


Optional spring-loaded T handle provides improved vandal resistance and allows master keying

Three point secure locking

10mm hole for scope camera

MOST POPULAR MODEL



Suitable for stacking two high



Optional (TBL ramp) wheel ramp or Securabike's unique gas strut power assist system.

Material Specifications (General)

Material 1.6mm Galvabond® sheet / Powder coated in a range of colours
 Inclusions Reinforced door & roof stiffeners, clothes / helmet hooks, 3-way locking, security camera access
 Finish Galvansied steel or powder coated in a range of colours



Lockers

BVL1 / 2 / 3

Semi Vertical

Semi Vertical storage for 1, 2 or 3 bicycles

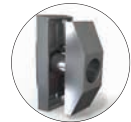
Sturdy vandal proof lockers incorporate a tubular steel frame and are clad with Galvabond sheeting. They can be supplied in flat pack form ready for assembly and riveting on site or in 2, 3 or more modular units fully assembled around a steel frame

Sloping roof panel for water run-off. Stiffener channel under.

Corrugated roof



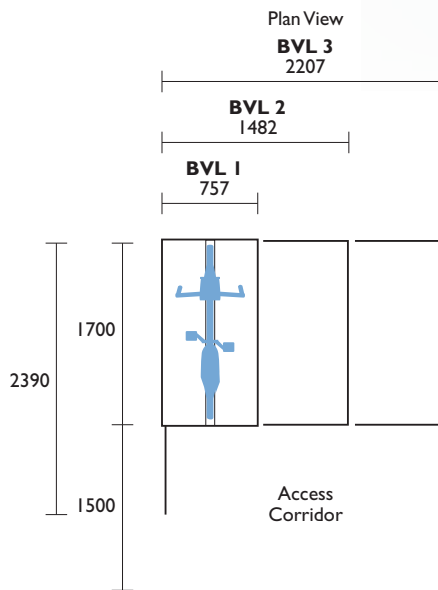
Optional stencil signage



Optional T handle provides improved vandal resistance and allows master keying

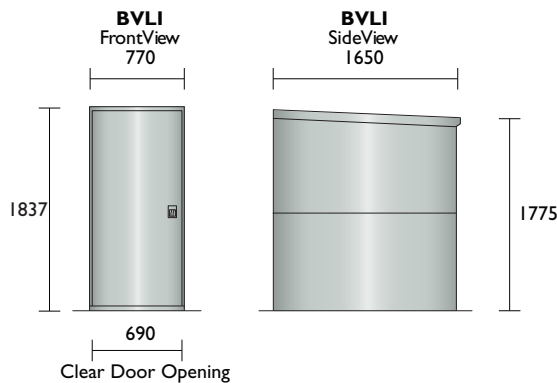
Three point secure locking

10mm hole for scope camera



Corrugated roof is designed at an angle to shed ice and snow and will offer resistance against ice dams.

Roof structural supports contribute towards withstanding impact from falling objects such as hail and falling branches



Material Specifications (General)

Material	0.8mm metal sheet
Inclusions	Reinforced door & roof stiffeners, wheel rail Clothes / helmet hooks, 3-way locking, security camera access
Finish	Galvanised or powder coated in a range of colours



Lockers

BVLH1 Vertical Locker

This vertical bicycle locker features the smallest footprint of all bicycle lockers and is best suited for sites requiring the highest degree of storage density. The bicycle is suspended on an internal wheel hook with two additional hooks that can be used for helmets or clothing.

A sturdy internal frame with galvanised sheeting is further strengthened through the use of steel corner brackets. This locker features a cast metal handle operating a 3-point locking system (keyed to differ) as standard. A selected range of alternative locking options available upon request.



Creased roof panel to provide strength and fall for water run-off (stiffener channel under roof panel)

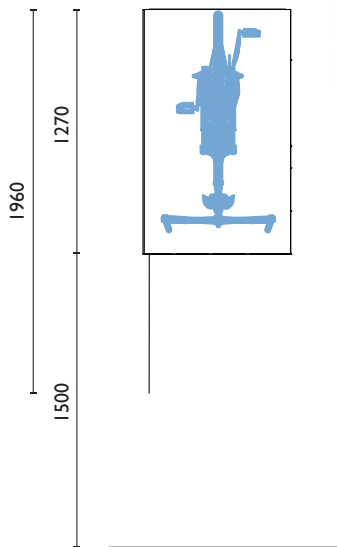
Optional stencil signage



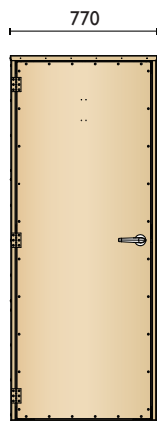
Optional T handle provides improved vandal resistance and allows master keying

Three point secure locking

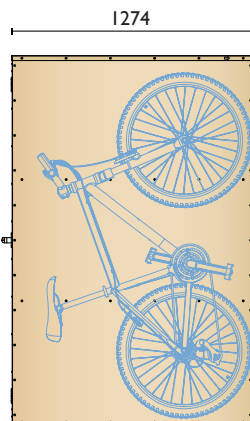
Plan View



Front View



Side View



690mm
Clear Door Opening

Material Specifications (General)

Material	0.8mm metal sheet
Inclusions	Reinforced door & roof stiffeners, wheel rail Clothes / helmet hooks, 3-way locking
Finish	Galvanised or powder coated in a range of colours



At the time of this publication the only relevant standard that relates to bicycle parking is AS2890.3

The original standard was written in 1993 and reviewed in 2015 at which time the guidelines and recommendations were expanded. AS2980.3 is not a mandatory standard and care should be taken to check with your local government for requirements relating to bicycle parking and end of journey facilities for cyclists.

Other Resources & References

Austrroads 2008c Guide to Traffic Management - Part II. Appendix F Bicycle Parking Requirements . Cycling Aspects of Austrroads

Victoria Department of Planning and Community Development
www.dse.vic.gov.au/planningschemes/



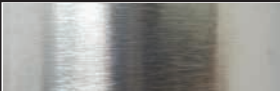
ACT Government (2006) Bicycle storage requirements in new developments
apps.actpla.act.gov.au/plan/planning_register/register_docs/bike_guidel.ipn/defs

Green Building Council of Australia - Green Star Rating System
www.gbca.org.au










Queensland Development code MP40 I - Sustainable Buildings
www.hp.w.qld.gov.au/SiteContent/Content/Documents/QDCM.P14_SustainableBuildingsCurrent.pdf

Materials & Finishes

Finishes | Benefits

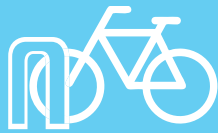
Finish Type	Appearance	Benefits
Galvanised		Cost: Low Durable Maintenance free
Powder Coat		Cost: Low Colour options (see below) Zinc-rich primer prevents rusting
Stainless Steel		Cost: Most expensive High resistance to corrosion Minimum maintenance

Powder Coat Options

	RAL 6035 Pearl Green		RAL 7047 Telegrey 4
	RAL 5002 Ultramarine Blue		RAL 9005 Jet Black
	RAL 9010 Pure White		RAL 2007 Luminous Bright Orange
	RAL 1003 Signal Yellow		RAL 1014 Ivory
	RAL 3001 Signal Red		

Please note that generally our standard finish is galvanised with electrostatically applied powder coating as an option.

Please check with our sales department as to the availability and pricing.



SecuraBike

LEDA

PERIMETER SECURITY PRODUCTS

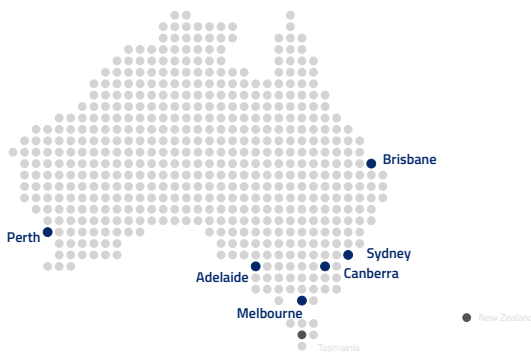


Leda Security Products Pty Ltd
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