



AS2890.3
Quick Reference
Guide

Rails | Racks | Cages | Lockers

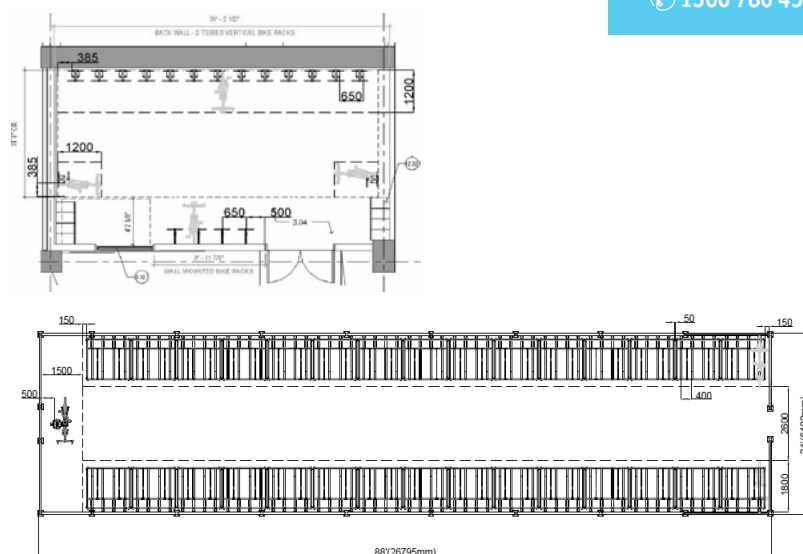


Australian Standard 2890.3
COMPLIANT PRODUCTS

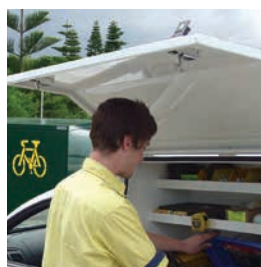


A white bicycle with a black seat and handlebars is parked on a white surface next to a black metal bike rack. The bike is positioned vertically, with its front wheel on the left and its rear wheel on the right. The bike rack is a simple, black metal structure with two vertical posts and a horizontal bar. The background is a plain, light gray surface.

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.



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.



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

Contents



INTRODUCTION 1

Materials and Design 1

Service and Maintenance 1

DESIGN GUIDE 3

Securabikes Quick 2890.3 Overview 3

Area Requirements for Bicycle Parking 5

Security Classes explained 6

PRODUCT RANGE 7

Rails 7

Racks 17

Cages 26

Lockers 30

APPENDIX 38

Bicycle Parking Guidelines 38

Design Considerations

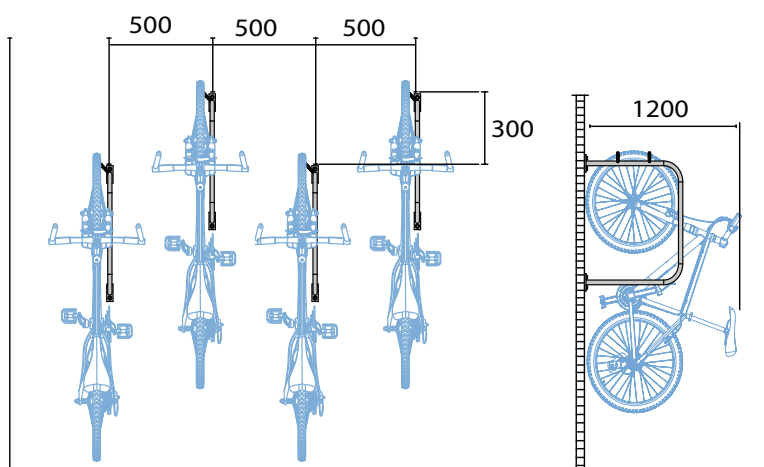
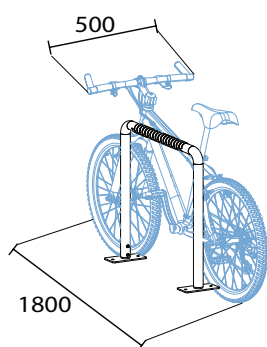
Securabikes Quick 2890.3 Overview

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.

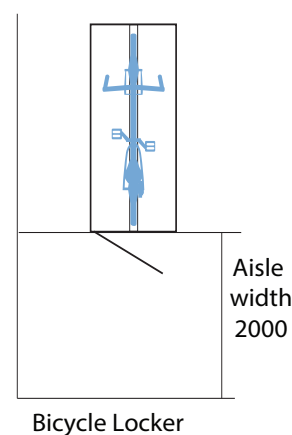
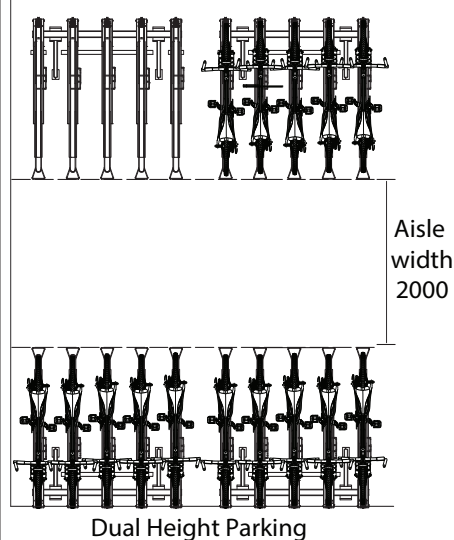
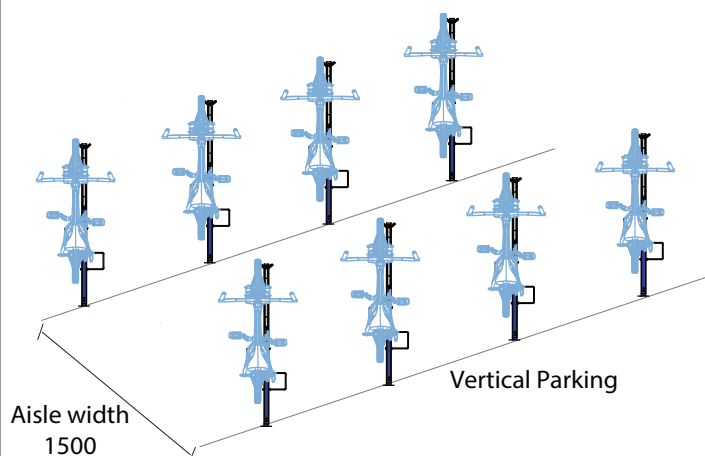
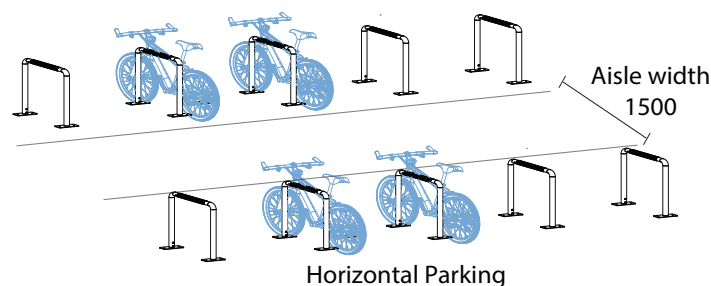
1. The standard is not mandatory unless for a Greenstar rating but is a good practice.



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.

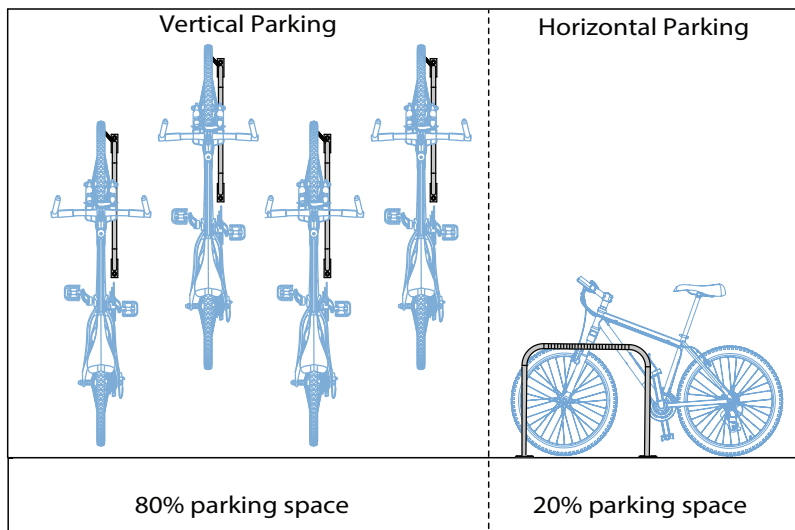


3. Aisles should be 1500mm or 2000mm wide for dual height and lockers.

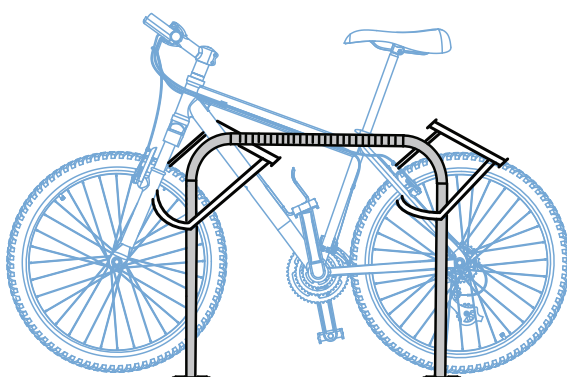


Securabikes Quick 2890.3 Overview

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 of 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.

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:

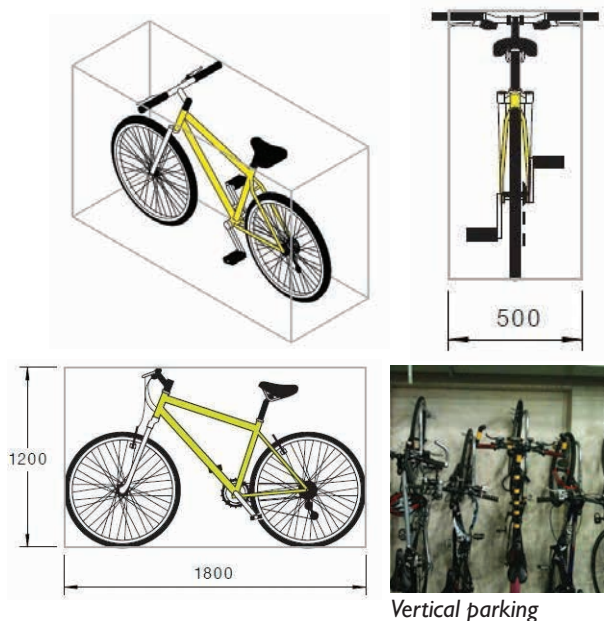
length - 1800mm

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
	Locker – an individual locker with a high security locking mechanism.	Facilities are highly visible, publicly accessible and are close to the modal change point. Facilities have good lighting.	Transport hub or similar.
	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.	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	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.
	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.	Facilities should have good lighting. Facilities should be highly visible. Facilities should be located as close as practicable to the user's destination	Short term parking onstreet or off-street; retail, libraries, gyms, etc NOTE: Not appropriate for long term parking (more than two hours).

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



Introduction	1
Design Guide	3
Security Classes	6
PRODUCT RANGE	
Rails	7
Racks	17
Cages	26
Lockers	30
Standards	38

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.

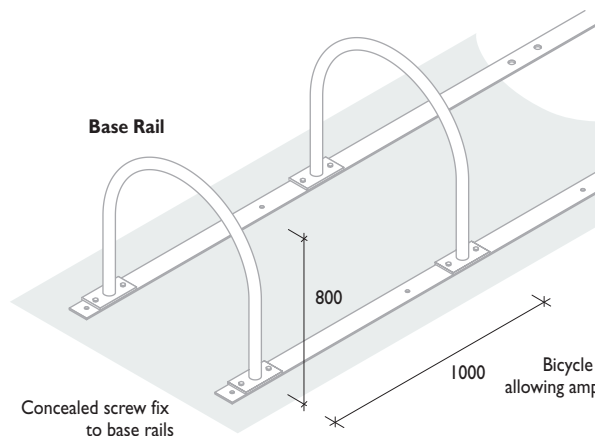
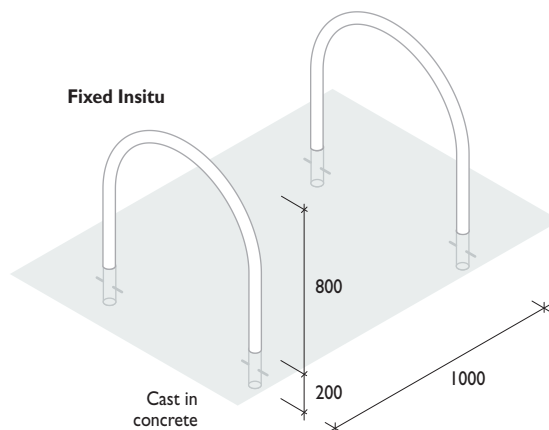
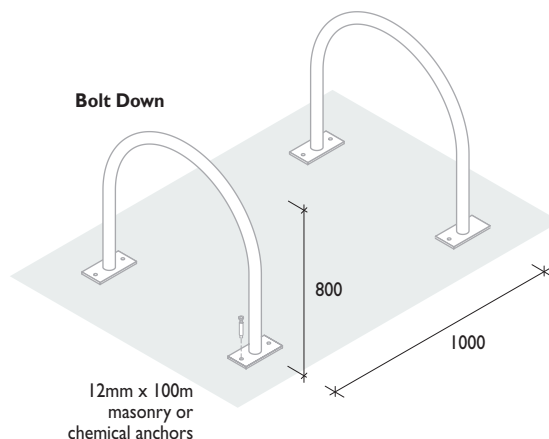
- Available in mild steel or stainless steel
- Mild steel units are available in hot dipped galvanised or electrostatically powder coated
- Stainless steel units are available in a finished finish or electropolished.
- Polypropylene plastic sleeve protection is available as an option on a number of models.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

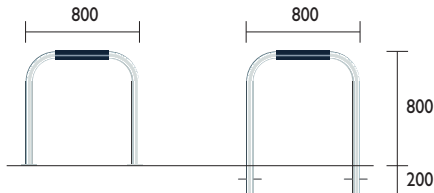
While bicycle hitching rails potentially provide parking for two bicycles (one either side), in practice they usually only achieve one bicycle per rail, as cyclists are often reluctant to secure their bicycle if another is already tethered to the rail.

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.

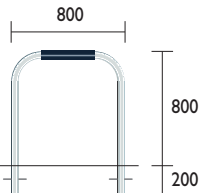
Bicycle Rails

BR11B / F

BR11B
Galvanised
SBRI1B
Stainless Steel



BR11F
Galvanised
SBRI1F
Stainless Steel



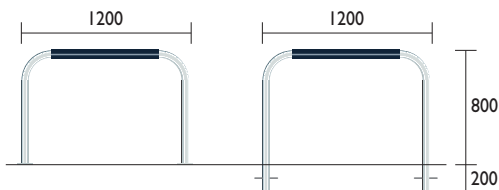
Product
Range

1300 780 450

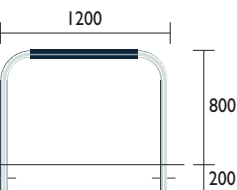
**MOST
POPULAR
MODEL**

BR12B / F

BR12B
Galvanised
SBRI2B
Stainless Steel

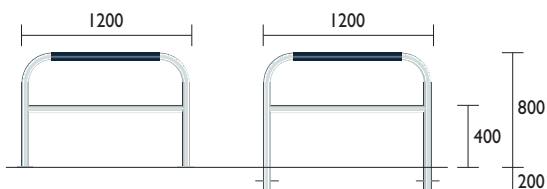


BR12F
Galvanised
SBRI2F
Stainless Steel

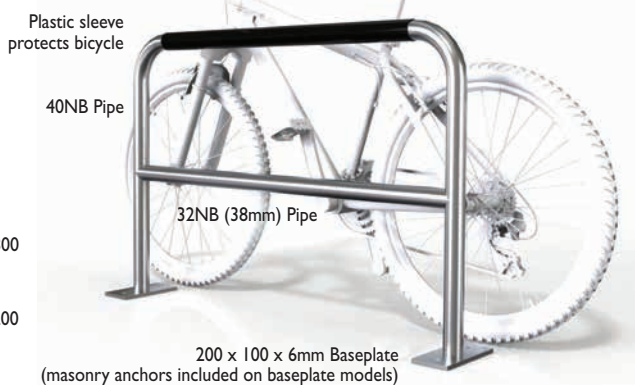
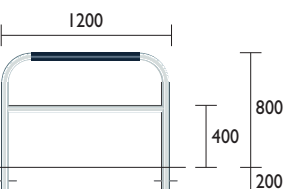


BR120B / F

BR120B
Galvanised
SBRI20B
Stainless Steel



BR120F
Galvanised
SBRI20F
Stainless Steel



Material Specifications (General)

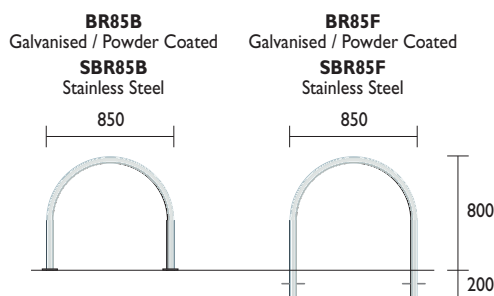
Mild steel 40NB (50.0) x 1.5mm Light duty pipe / Hot dipped galvanised / Powder coated in a range of colours
Stainless steel 40NB (50.0) x 1.5mm Grade 304 stainless steel pipe / Linished finish



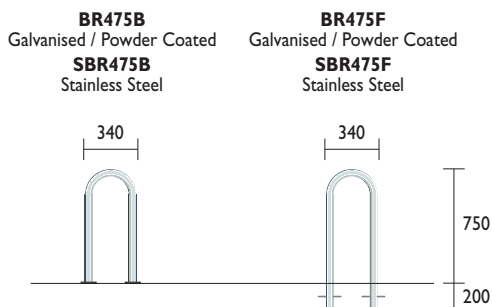
Bicycle Rails

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



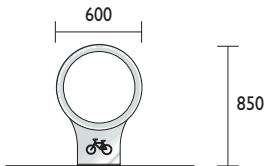
Bicycle Rails

Product
Range

1300 780 450

BR06B

BR06B
Galvanised / Powder Coated
SBR06B
Stainless Steel



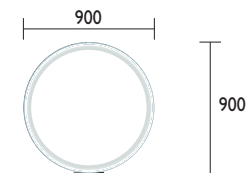
40NB Pipe
on 8mm Plate

300 x 200 x 8mm Baseplate



BR00B

BR00B
Galvanised / Powder Coated
SBR00B
Stainless Steel



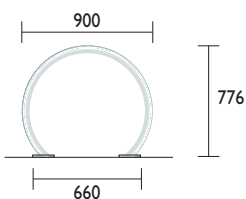
40NB Pipe

200 x 200 x 6mm Baseplate



BR00B OM Omega

BR00B OM
Galvanised / Powder Coated
SBR00B OM
Stainless Steel



40NB Pipe

200 x 100 x 6mm Baseplates



Material Specifications (General)

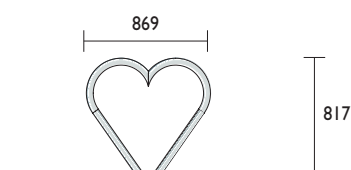
Galvanised 40NB (50.0) x 3.2mm Heavy duty galvanised pipe / Powder coated in a range of colours
Stainless steel 40NB (50.0) x 3.2mm Grade 304 Heavy duty stainless steel pipe / Linished finish



Bicycle Rails

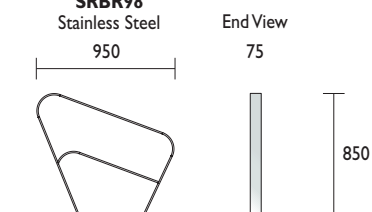
BR05B

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

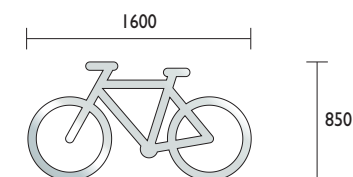
BR1600B

BR1600B

Galvanised / Powder Coated

SBR1600B

Stainless Steel



10mm Plate

200 x 100 x 6mm Baseplate



POPULAR
MODEL

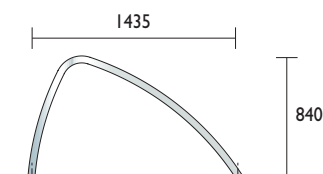
BR04B

BR04B

Galvanised / Powder Coated

SBR04B

Stainless Steel



32NB Pipe

200 x 100 x 6mm Baseplates



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

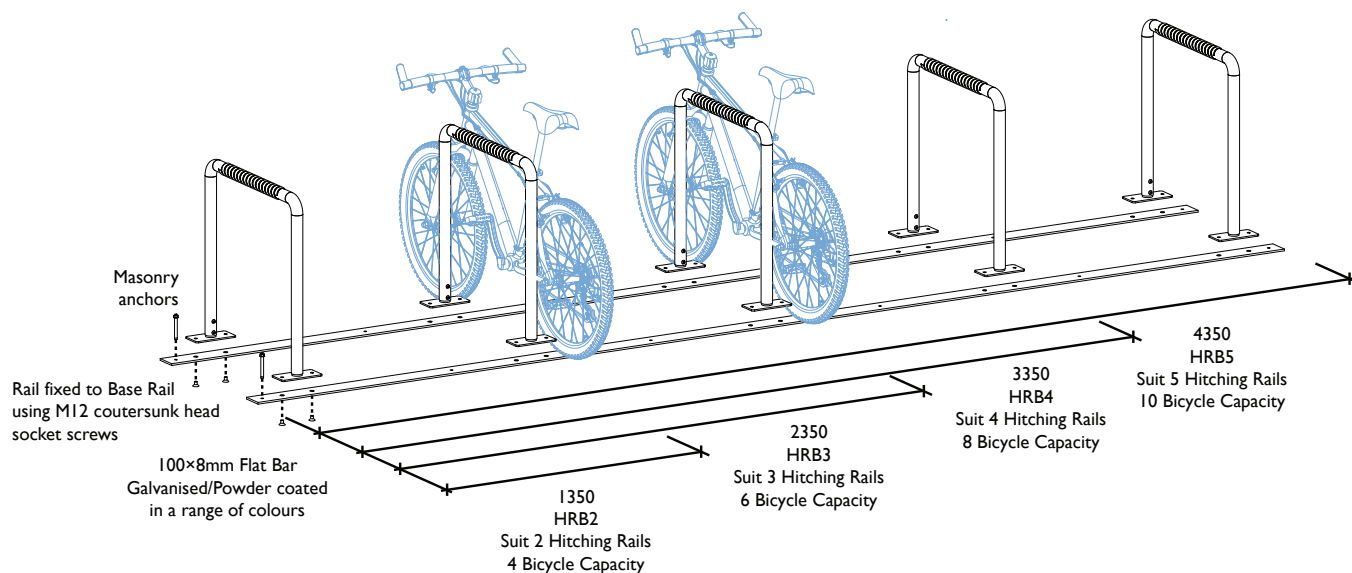
Many of Securabike's Bicycle Rails are supplied as individual units that can be bolted to Base Rails to accommodate 2, 3, 4 or 5 units.
The system eliminates the need to provide multiple concrete footings and is ideal for use over paved or bitumen surfaces.

Typical Installation Example
BR11B Bicycle Rail
illustrated



HRB5 illustrated
Suits 5 Hitching Rails
10 Bicycle Capacity

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



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

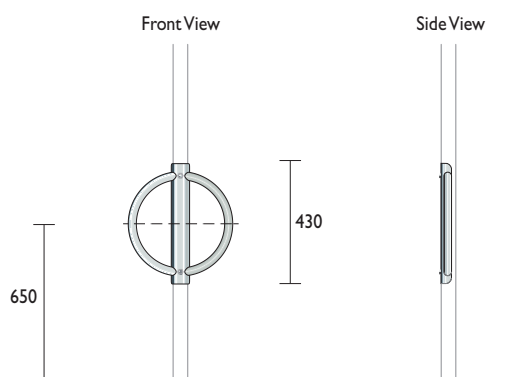


Bicycle Rails > Post Mounted

Product
Range

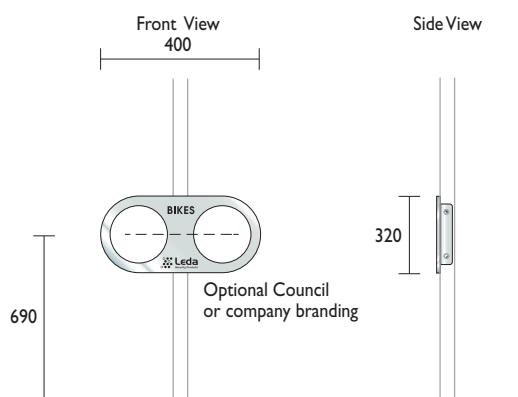
1300 780 450

PPR50



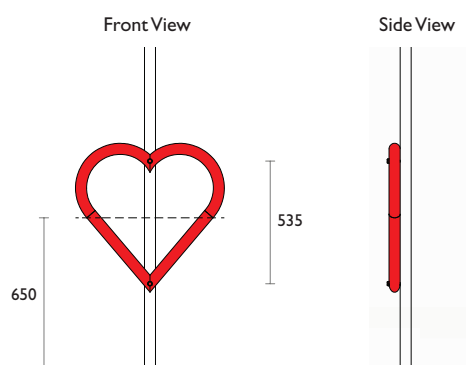
Units are designed to bolt-fix to existing 40NB or 50NB posts using M12 bolts & shear nuts

PPR52



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

HSBPR Heart Shaped



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

Material Specifications (General)

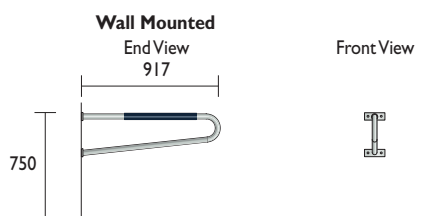
PPR50 32NB (38.0) x 1.5mm Galvanised pipe / 32NB (38.0) x 1.5mm Stainless steel pipe
PPR52 16mm (nominal) Aluminium plate
HSBPR 40NB (50.0) x 1.5mm Pipe / Galvanised / Powder coated in a range of colours



Bicycle Rails > Post/Wall Mounted

BRX03W

Hitching Rail

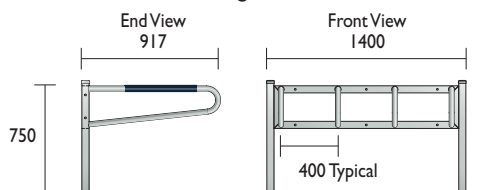


BRX03L

Hitching Rail

For AS2890.3 spacing will be 500mm. Please contact LEDA sales office

Standard Rack with Legs



50 x 50 SHS

Optional sleeve shown protects bicycle

25NB Pipe



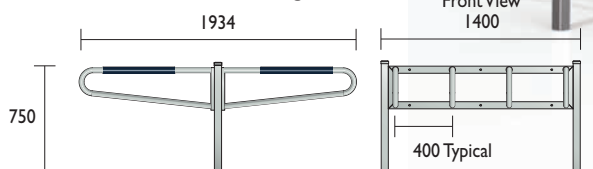
BRX03D

Hitching Rail

For AS2890.3 spacing will be 500mm. Please contact LEDA sales office

Optional sleeve shown protects bicycle

Double Rack with Legs



25NB Pipe

50 x 50 SHS



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



Introduction 1

Design Guide 3

Security Classes 6

PRODUCT RANGE

Rails 7

Racks 17

Cages 26

Lockers 30

Standards 38

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).

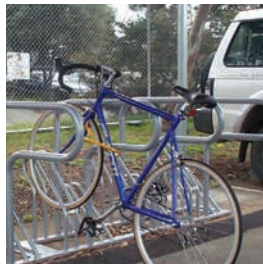
Special colours are available at extra cost.



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.

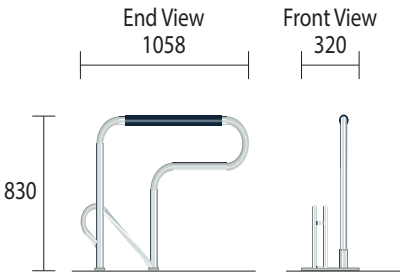
Bicycle Racks > Horizontal

Compact CBR1SCTM Fully-welded

CBR1SCTM
Hot Dipped Galvanised
SCBR1SCTM
Stainless Steel

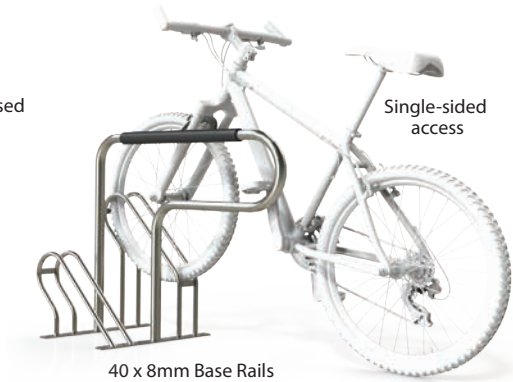


Single-sided
access

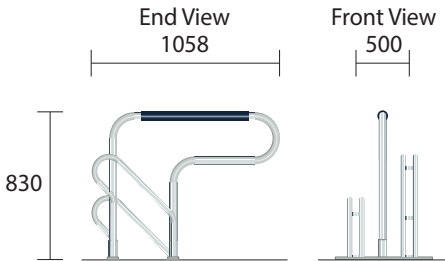


Compact CBR2SCTM Fully-welded

CBR2SCTM
Hot Dipped Galvanised
SCBR2SCTM
Stainless Steel



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

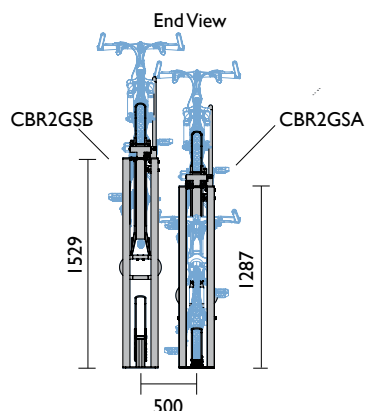
So you can stagger heights, be sure to nominate the quantity of each required.

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.

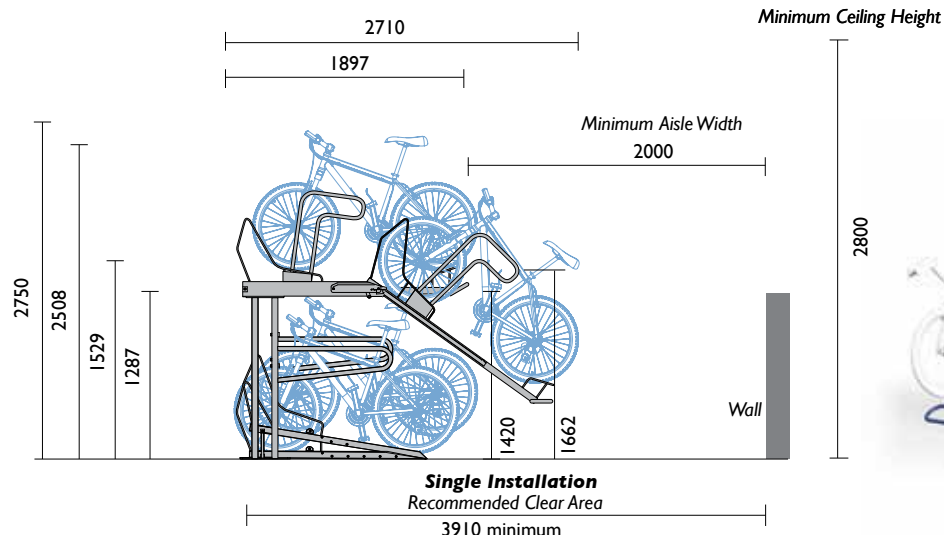
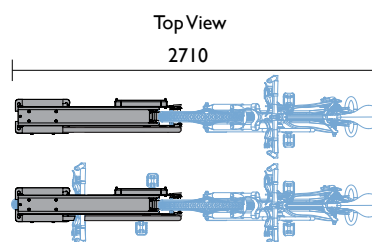
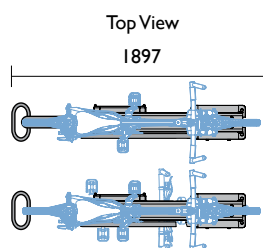
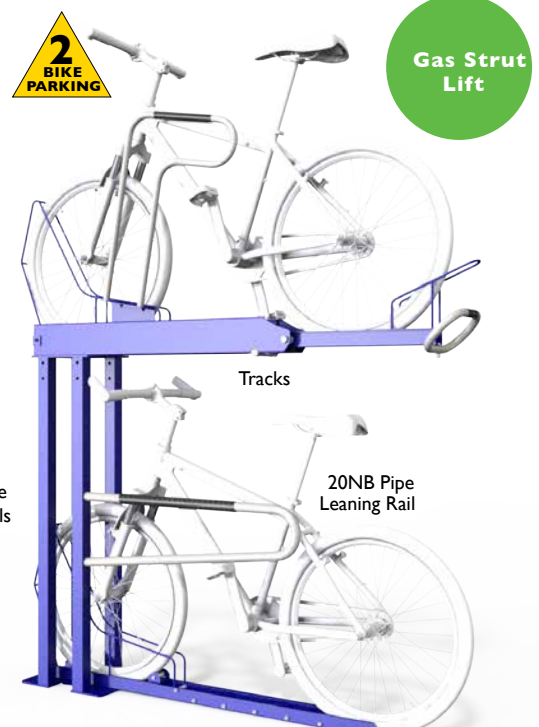
A leaning rail provides stability and a secure point for locking both the frame and the wheel.

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

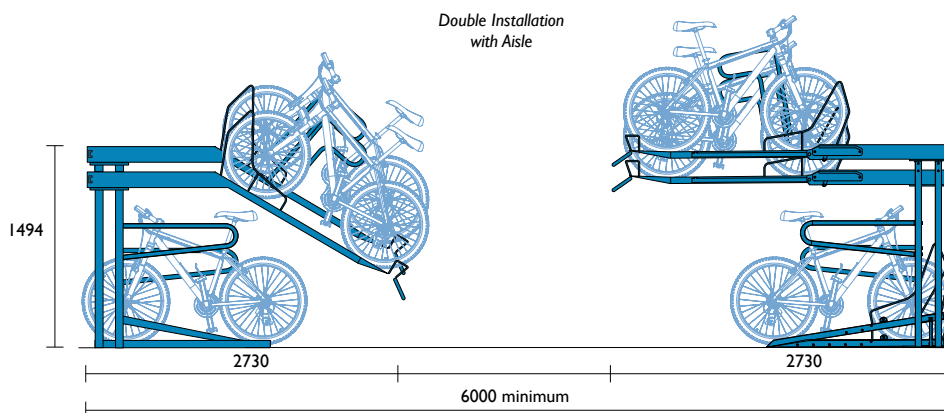
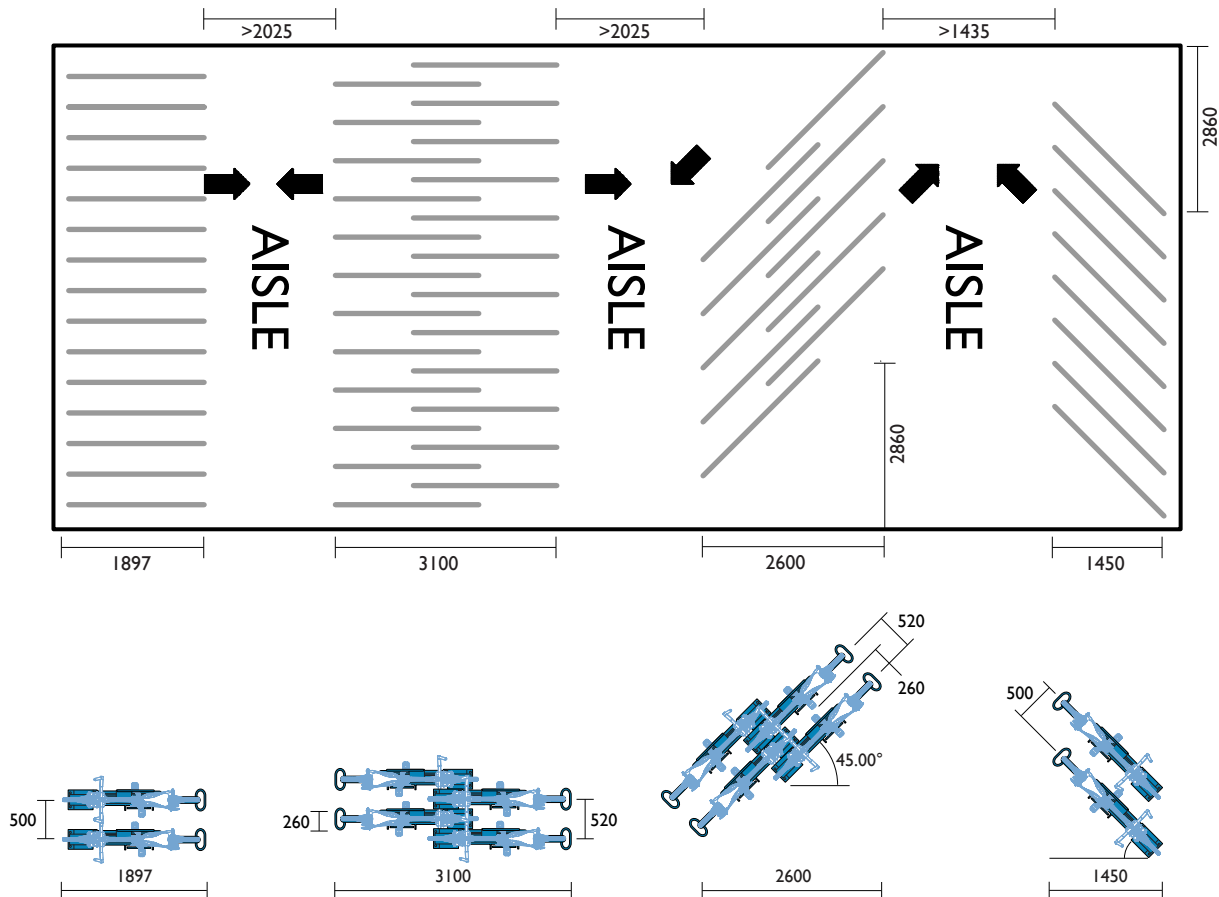


CBR2GS Dual Height

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



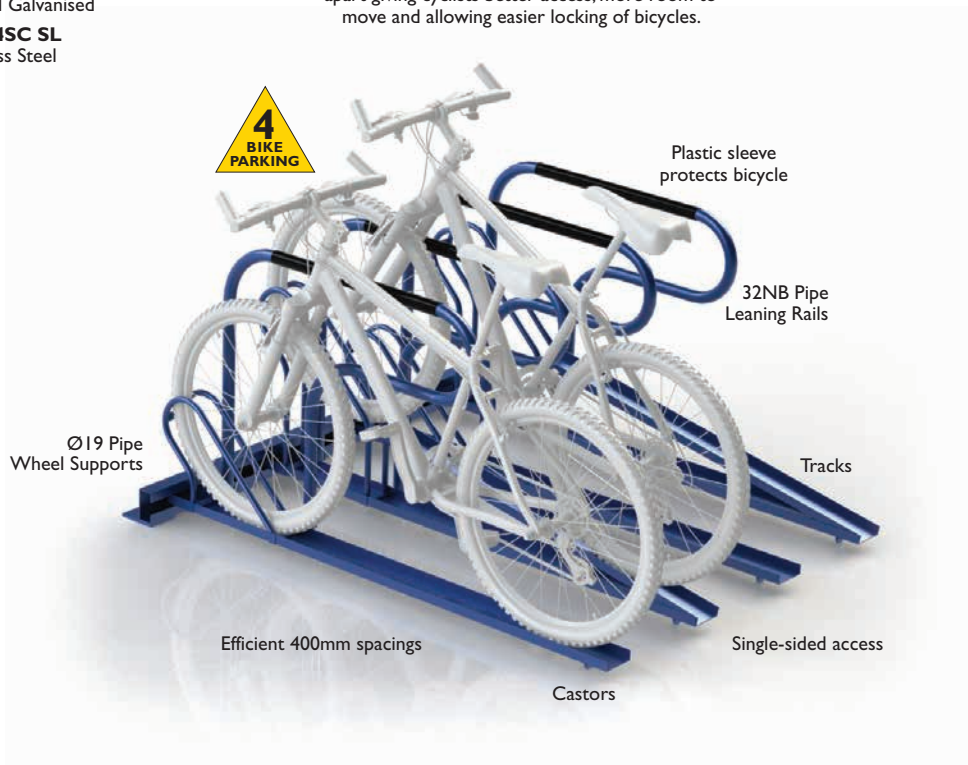
CBR4SC SL

CBR4SC SL
Hot Dipped Galvanised

SCBR4SC SL
Stainless Steel

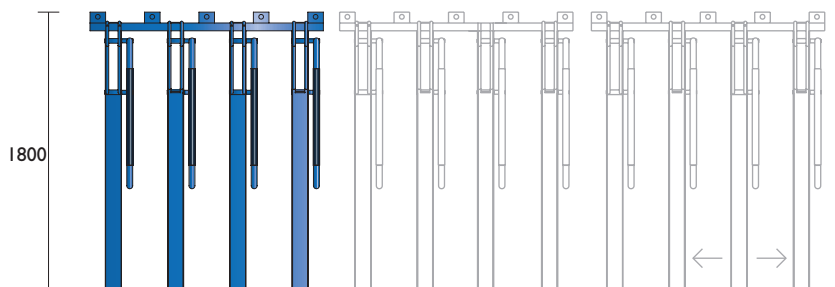
Space can be tight in busy bicycle parking stations so the CBR4SC SL is designed to slide bicycles apart giving cyclists better access, more room to move and allowing easier locking of bicycles.

For AS2890.3 spacing will be 500mm. Please contact LEDA sales office



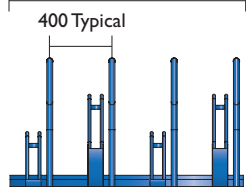
Top View

Multiple rack installation

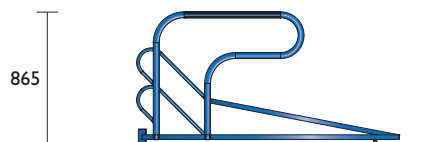


Rack slides to allow easy access to bicycles

Front View
1500



End View
1840



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

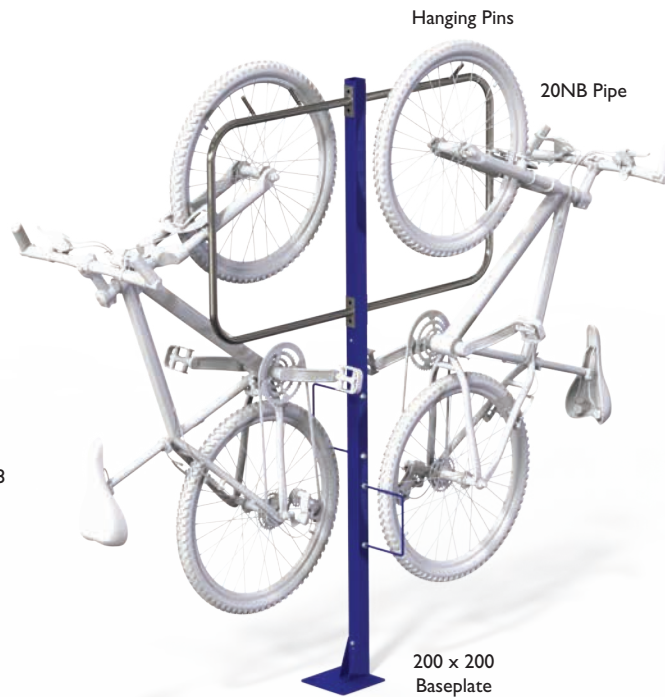
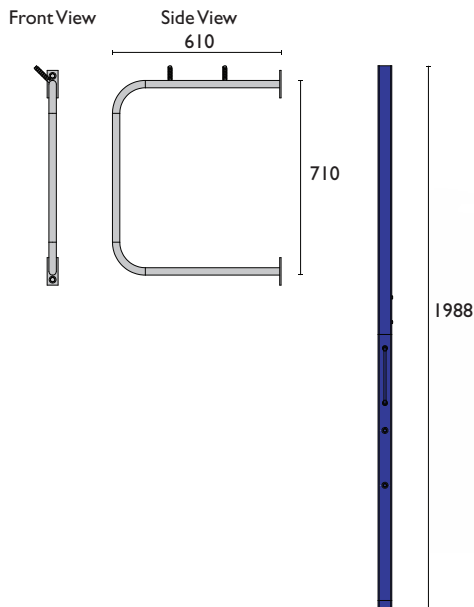
Wall or Post Mount

BR66F

Wall Mount

BR662F

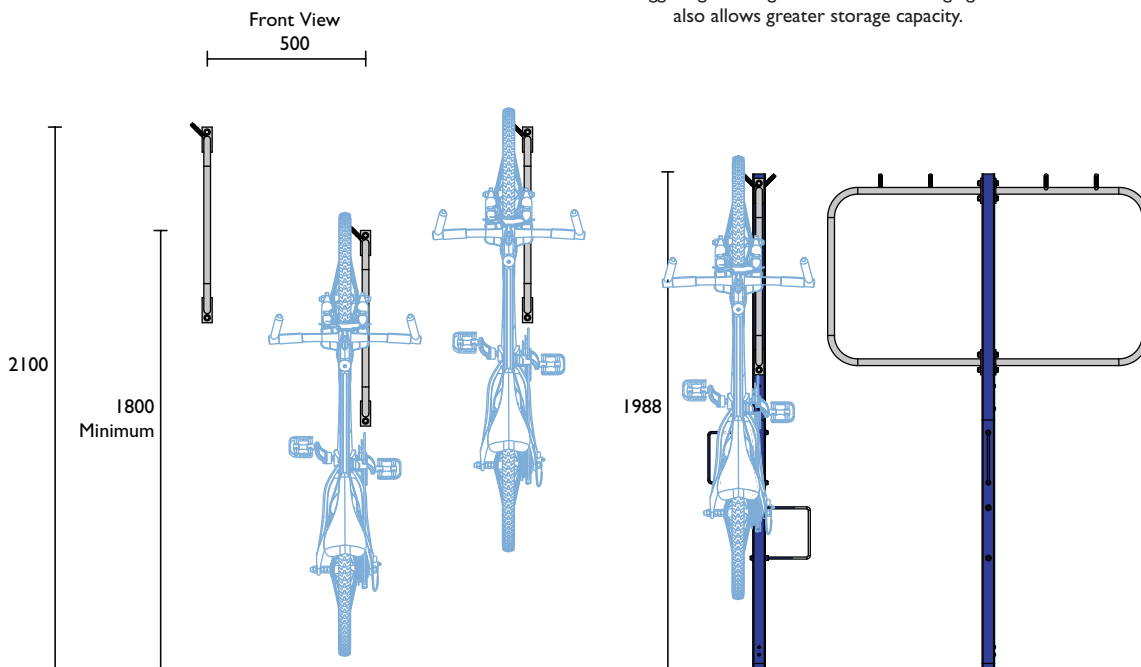
Post Mount



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



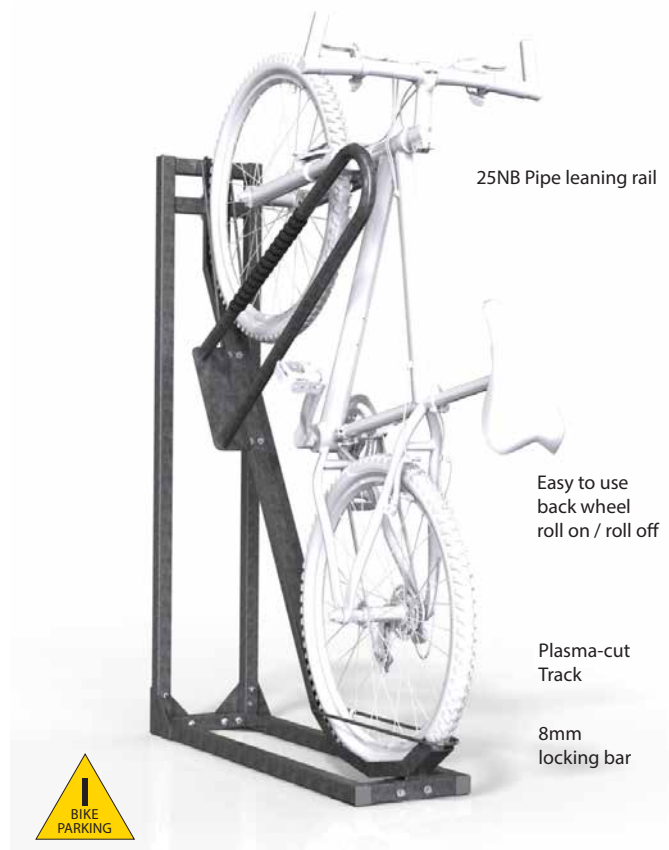
Bicycle Racks > Vertical

BRV21B

With leaning rail fitted

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

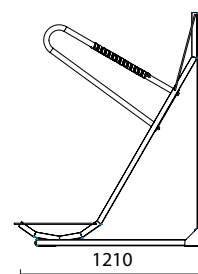
20NB Pipe leaning rail can be fitted for higher security applications.



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



BRV26B

Semi Vertical

BRV26B
(With leaning rail fitted)



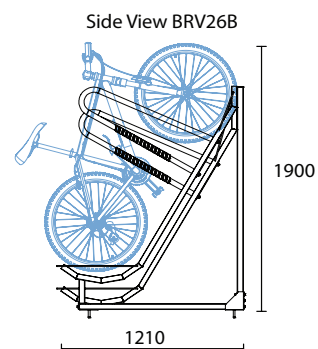
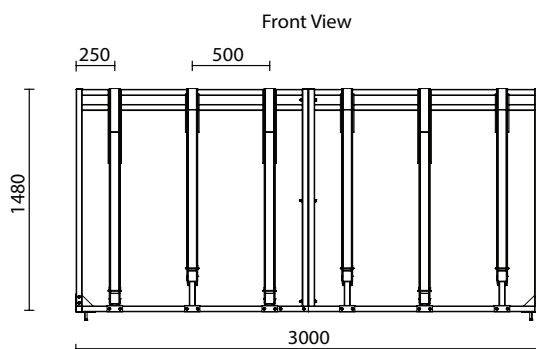
40x40x2mm SHS

Easy to use
back wheel
roll on / roll off

Plasma-cut
Tracks

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.



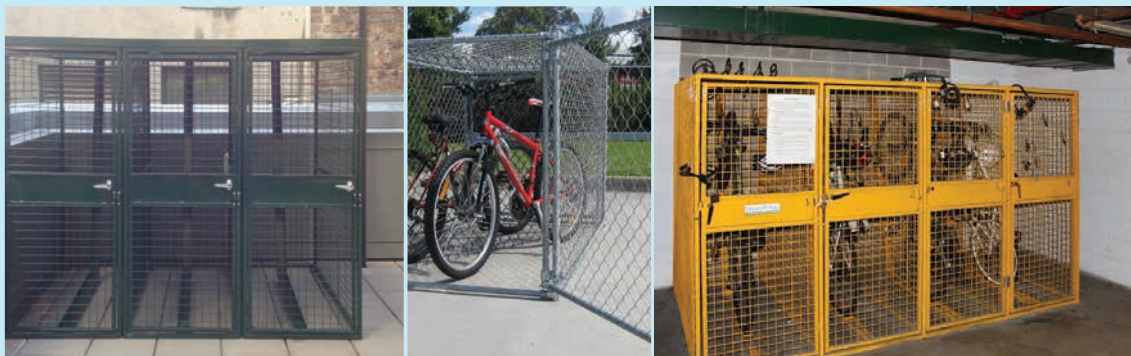
Material Specifications (General)

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





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

Introduction	1
Design Guide	3
Security Classes	6
PRODUCT RANGE	
Rails	7
Racks	17
Cages	26
Lockers	30
Standards	38

Cages

MBL16S

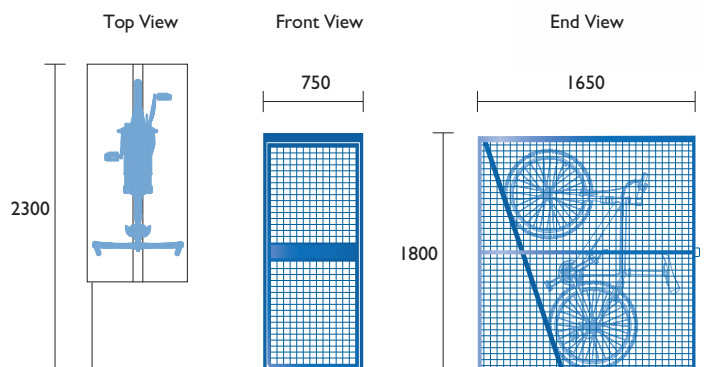
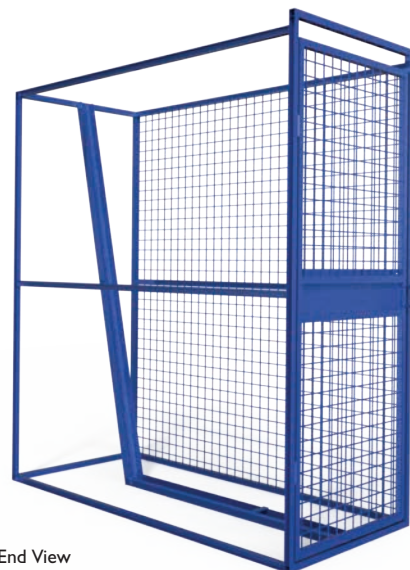
Modular

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

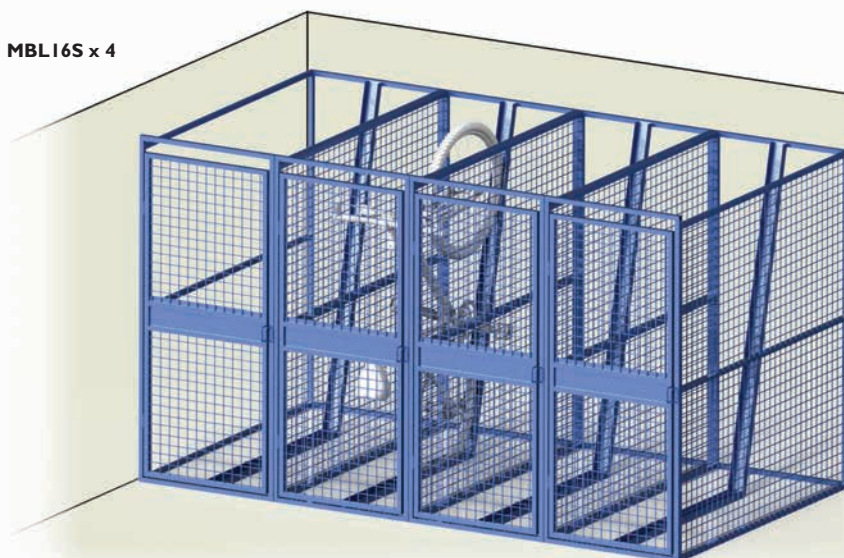
The MBL16S is used for a line of cages against a wall. As often in underground areas the roof is optional MR717



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



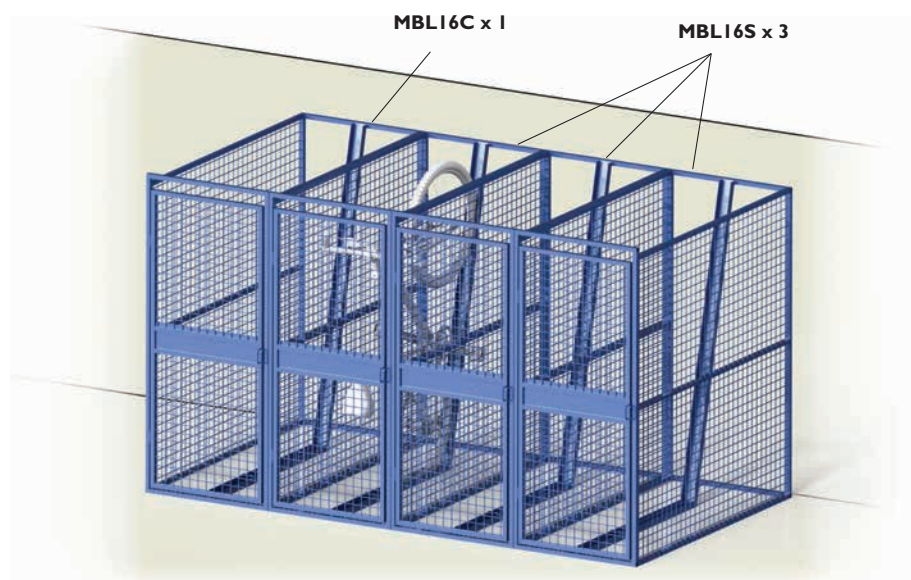
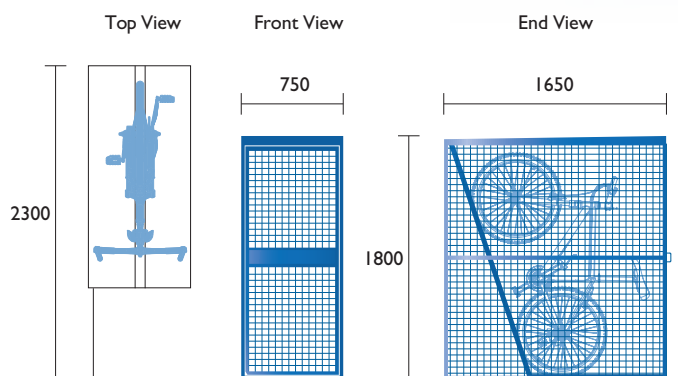
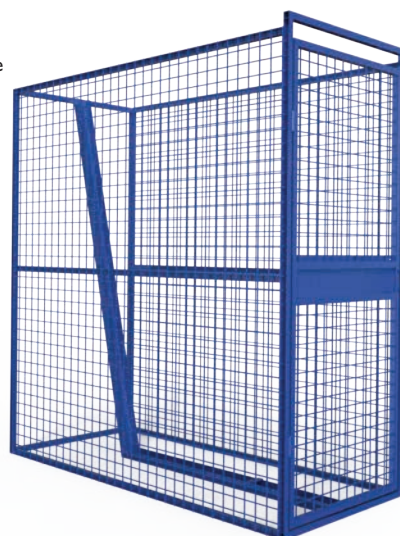
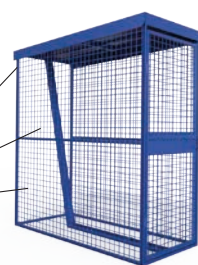
MBL16C Closure Unit

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.

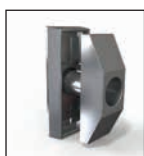
Standard lockers are supplied with a basic key-operated 3-way locking system suitable for small quantities or where security is not a major issue. Securabike recommends that 'hasp and staple' locking be added where access and security is provided by the cyclist.

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



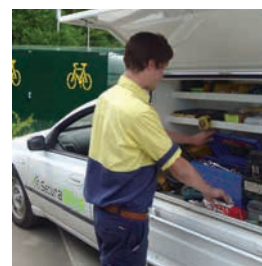
LVPI

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.

Introduction	1
Design Guide	3
Security Classes	6
PRODUCT RANGE	
Rails	7
Racks	17
Cages	26
Lockers	30
Standards	38

Lockers

BLB632 Mini Locker



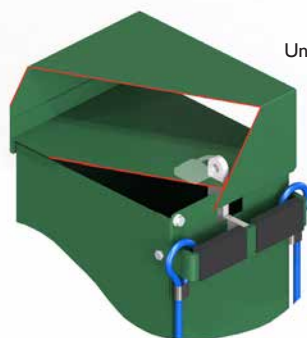
Security and Storage.

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



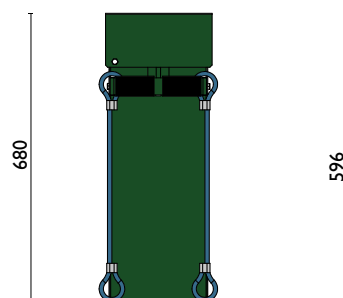
Lid secured by padlock
through locking pin.
Undercover - vandal resistant
and weather protected



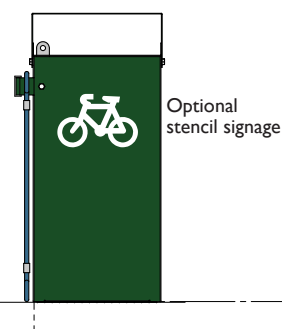
Can be secured by
padlock or cyclist's U lock

PVC cushion
protects bicycle paintwork

Front View
250



End View
300



Optional 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

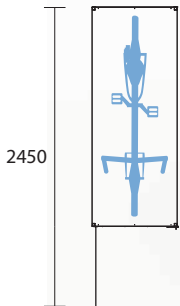
☎ 1300 780 450

TBL18S

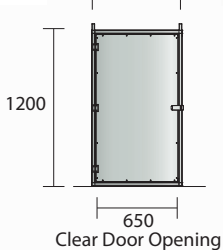
Economy Range

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.

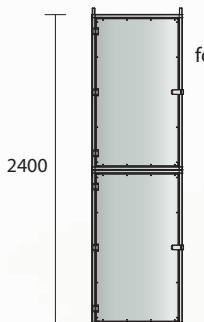
TBL18S
Plan View



Front View
700



Front View
Stackable



Hasp and staple
for cyclists to provide
their own padlock.



Galvanised sheet cladding

Three point secure locking



Optional (TBL RAMP) wheel ramp
Optional stencil signage

**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

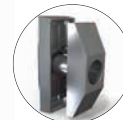
Single locker with horizontal storage

Ideal where only
single-sided access is available

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



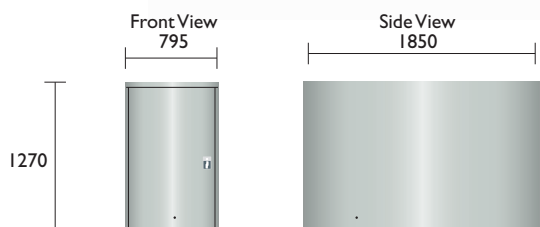
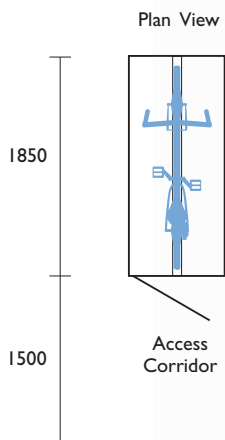
Optional
stencil signage



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

Three point secure locking

10mm hole
for scope camera



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

Product
Range

1300 780 450

BSL18D Horizontal

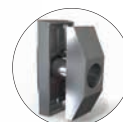
BSL18D
Galvabond®
SBSL18D
Stainless Steel

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



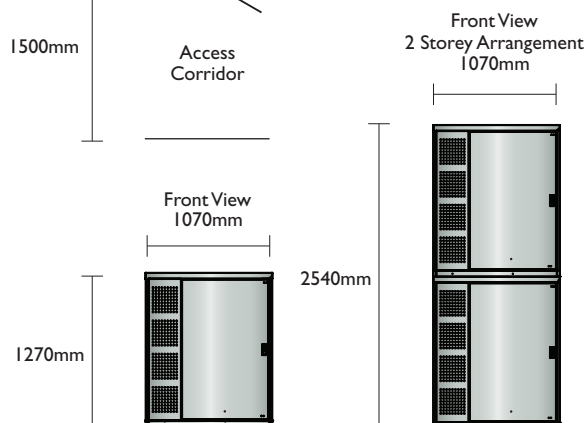
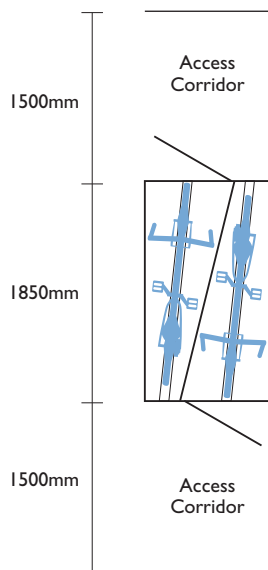
Optional spring-loaded T handle
provides improved vandal resistance
and allows master keying

Three point secure locking

10mm hole
for scope camera

**MOST
POPULAR
MODEL**

Plan View



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

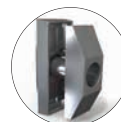
Semi Vertical storage for 1, 2 or 3 bicycles

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



Plan View

BVL 3

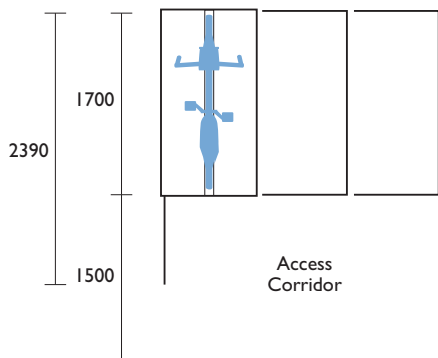
2207

BVL 2

1482

BVL 1

757



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

BVL1
FrontView
770

BVL1
SideView
1650



Material Specifications (General)

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



Lockers

Product
Range

1300 780 450

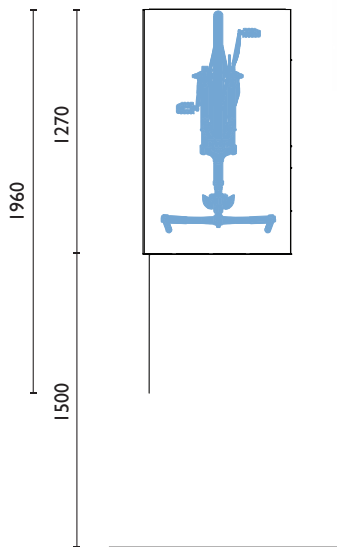
BVLH1

Vertical Locker

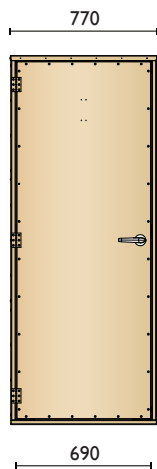
This vertical bicycle locker features the smallest footprint of all bicycle lockers and is best suited for sites requiring the highest degree of storage density. The bicycle is suspended on an internal wheel hook with two additional hooks that can be used for helmets or clothing.

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.

Plan View

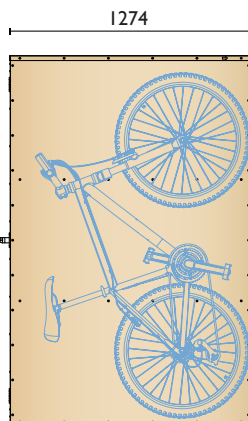


Front View



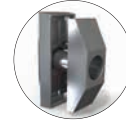
Clear Door Opening

Side View



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



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. AS2890.3 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/

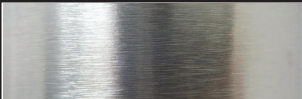
ACT Government (2006) Bicycle storage requirements in new developments
apps.actpla.act.gov.au/plan/planning_register/register_docs/bike_guidel.ipn/defs

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

Queensland Development code MP40 I - Sustainable Buildings
www.hpw.qld.gov.au/SiteContent/etionDocuments/QDCM.P14Sustainab/eBuildingsCurrent.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 adds protection to long term rusting
Stainless Steel		Cost: Most expensive High resistance to corrosion Minimum maintenance

Powder Coating Options - (Interpon colours)

	Hawthorn Green		Bright Silver
	French Blue		Black Satin
	White Satin		OrangeX15
	Yellow Gold Gloss		
	Signal Red		

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

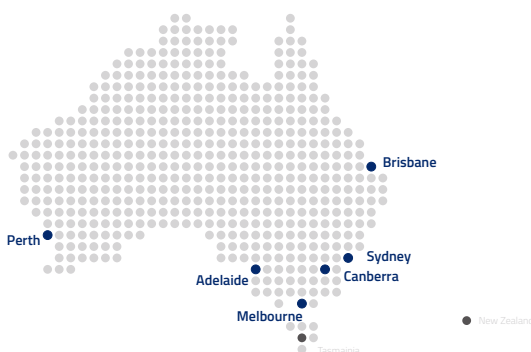
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