



Cycle Rack (Bellsure)

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Bellsure

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Scope of Works

Supply and installation of the following cycle racks:

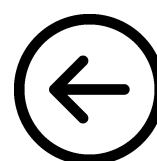
DoubleDek Rax

- Mild steel
- Hot dipped galvanised finish
- Cycles offset (high/low positions) with front and back wheel supports
- Maintenance free 4 roller system for easy lifting on upper section
- Citihoop Cycle Stands for lower bike parking
- Free standing top tiers and surface mounted with baseplates bottom tiers





Certificates/Warranties/Guarantees





Cleaning and Maintenance Regimes



MAINTENANCE

Galvanised Finish

The Galvanizing used on the product has been processed in accordance with the requirements specified in BS EN ISO 1461:2009.

Galvanizing is a hot dip chemical reaction of molten zinc onto a steel substrate.

At the time of the process taking place the appearance will be one of shiny silver, however, this will not last and over a period of several weeks this will dull off to a grey colour. This is the natural finish of the Galvanized surface.

Note - due to the nature of the Galvanizing process some surface irregularities may occur on the surface of finished products. Although these will be finished flat, where possible, this will not be undertaken where it may breach the zinc coating. Some visual irregularities may therefore be present on galvanized products, including those finished with a polyester powder coating – these do not compromise the durability and performance of either the product or the coatings in any way.

The cleaning of any exposed Galvanized surfaces should be undertaken using:

1. A low-pressure water wash e.g. hose pipe.
2. A soft brush, with warm soapy water, to remove any surface dirt.

Scourers, wire brushes, and abrasive cleaners must not be used during cleaning as they may compromise the protective surface and result in premature rusting. After cleaning ensure the product is rinsed thoroughly.

Galvanized has the ability to “self-heal” any minor knocks or scratches.

However, there will be occasions whereby the coating has been damaged to base steel at a size that will not allow for self-healing. Based on this there are several proprietary repair paints on the market. In Bellsure’s experience we have found 2 that give a satisfactory repair and finish for ongoing use. The 2 methods are either Galvafruid or Zinga with both being available in either a paste / brush application or an aerosol spray.

- Where the surface is scratched or damaged through to base steel, a check should be made to establish if rusting has occurred.
- Where rusting is present, then the area should be wire brushed / sanded to bring back to a bright steel surface.
- The system used for repair will state the required precautions that should be taken along with the application method, however, a build-up of coating should be such that the thickness will be capable of giving ongoing protection as required. The coating thickness on renovated areas should be at least 100 microns.

Timber Hardwood

Most customers like the natural greying that takes place in hardwood but that can be treated.

For protection against the rays of the sun, then a Protector is recommended.

For protection against food stains, then a Shield is recommended.

If greying has taken place and needs to restore it to the new look, then a Restorer will help, followed by either a Protector or a Shield, as desired.

Timber Softwood

We use Scandinavian Redwood for softwood furniture. This is a good grade of softwood and has been treated in a spirit-based preservative.

We would recommend a re-treatment every 12 months, or more frequent in coastal locations.

Powder Coated Finish

As the name suggests, this process involves the application of a polyester powder onto the Galvanized substrate, using an electrostatic gun. This is then oven cured to create the hard wearing outer layer that can be seen on the finished product.

Note - due to the nature of the Galvanizing process some surface irregularities may occur on the surface of finished products. Although these will be finished flat where possible, this will not be undertaken where it may breach the zinc coating. Some visual irregularities may therefore be present on galvanized products, including those finished with a polyester powder coating – these do not compromise the durability and performance of either the product or the coatings in any way.

Powder coating can last many years, but its life expectancy depends on a variety of factors, including site location, atmospheric conditions and cleaning regime.

For recommended cleaning frequency see Inspection and Record Keeping section below.

The cleaning of powder coated surfaces should be undertaken using either:

1. Warm mild soapy water and soft brush, sponge or natural bristle brush.
Rinsed with clean water.
2. A proprietary car wash and wax system. Rinsed with clean water.

At no time during the cleaning process is it advisable for any abrasive cleaners, solvents, or other chemicals, to be used:

To enhance the appearance of the powder coating, an annual treatment with car wax would be acceptable, but not considered mandatory.

Where Graffiti is present, then it is recommended that no solvent cleaners are used in an attempt to remove it. The method of removal should be with the use of either a car 'T-Cutting' compound or through a specialist cleaner. This should be tested on a small, inconspicuous area first to assess its efficiency.

Where small repairs to the powder coat surface are required, then the following should be adhered to as a minimum:

- For light scratches / chips where the base metal is exposed then a suitable zinc-rich primer should be carefully applied to the defect, followed by a topcoat finish of a matching acrylic based paint or touch up (obtained from Bellsure).
- Where scratches / chips have only exposed the galvanized surface, then the above must be followed with the exception of the Zinc Rich primer being applied.

For larger areas of damage, vandalism or coating breakdown, then Bellsure should be contacted for technical advice.

PETg Sheeting

PETg is a material proven to work well as a cheaper alternative to glass. The product has a certain amount of flex and therefore, allows for it to be used easier on slightly curved roofing.

PETg is considered a dimensionally stable material and moves very little due to the differences experienced with temperature. However, so as to prevent issues being seen, all fixing holes are drilled at a size larger than the required fixing along with spacers utilised to prevent fixing grab when tightened.

Cleaning should be undertaken with the use of a soft cloth and warm soapy water. It is not recommended to use a broom or similar on the surface of the PETg as this will result in scratches to the surface.

At no time during the cleaning process should any abrasive cleaners, solvents or other chemicals be used i.e.
Ajax / Cif Scourer
Nylon scouring pads
Thinners
White Spirits
Methylated Spirits etc.

Should any cracks appear in the surface of the PETg or holes be knocked through due to vandalism or misuse then:

1. The shelter should be isolated with immediate effect.
2. The faulty sheet/s must be removed by either – drilling out the rivets or removing the tekscrews.
3. Replacement sheets can be sourced from Bellsure Supplies Ltd along with the option of
4. installation also.

The reason for the above actions to be taken is to prevent the possible injury to any third party due to the resultant fracture surfaces being sharp.

Stainless Steel

Do's

- Inspect the installation on a regular basis noting discoloration or stains.
- Wash with soap and water and a soft cloth to cut build-up.
- Treat any discoloration as soon as possible with brass or chrome cleaner. Irreversible pitting will occur without prompt treatment.
- A mild abrasive compound or pad will remove stubborn stains. But be sure to follow the direction of the existing grain so as not to harm the existing mechanical finish. Rinse completely and dry with a clean cloth.
- Coat with a good quality car wax to protect the beauty of the surface.

Don'ts

- Do not use mineral acids, salts, or bleaches.
- Proximity to salt water will cause corrosion over time.
- Do not expose stainless steel to concentrated chlorine or bromine products. Even a diluted mixture may cause discoloration.



Data Sheets



Bellsure Products

Operation & Maintenance (O&M) Manual



Bellsure Supplies Contact Details:

T 01730 71 92 92

E info@bellsure.co.uk

Bellsure Supplies Ltd
Unit A, Quedgeley West Business Park
Bristol Road
Hardwicke
Gloucester
GL2 4PA

Company Number 06955991
Registered in England & Wales.
VAT Number GB592047336

MATERIAL AND COMPONENT:

DoubleDek Rax – 2 Year Warranty

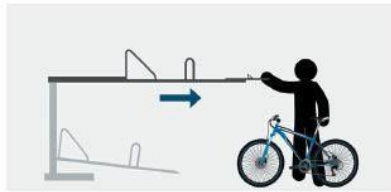
- Mild steel
- Hot dipped **galvanised finish**
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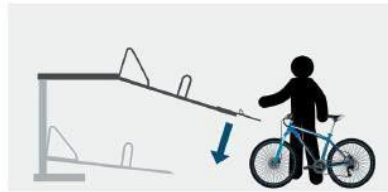
OPERATION:

These instructions are to be used as a guideline; no warranty or guarantee is provided in the case of an accident; they are to be followed at your own risk.

Double Decker CLASSIC



1. Pull out the cycle channel towards you.



2. Once clear of the platform, lower the channel as far down as it goes.



3. Push cycle into position and lock to the brace frame.



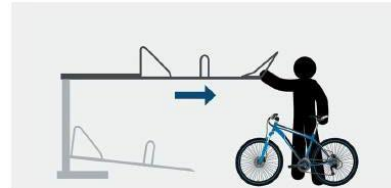
4. Lift the cycle channel up to horizontal position.



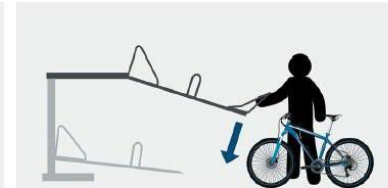
5. Push the channel back into the original position.

Your Cycle is now securely parked.
Have a nice day!

Double Decker PLUS & PREMIUM Gas Assisted



1. Pull out the cycle channel towards you.



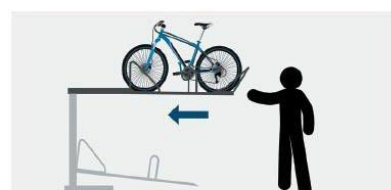
2. Once clear of the platform, lower the channel as far down as it goes.



3. Push cycle into position and lock to the locking loop.



4. Lift the cycle channel up to horizontal position.

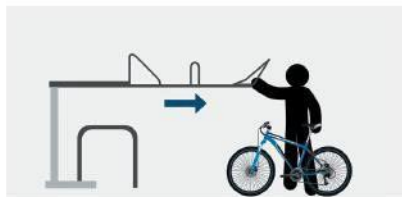


5. Push the channel back into the original position.



Your Cycle is now securely parked.
Have a nice day!

DoubleDek Rax Gas Assisted



1. Pull out the cycle channel towards you.



2. Once clear of the platform, lower the channel as far down as it goes.



3. Push cycle into position and lock to the brace frame and lock to the locking loop.



4. Lift the cycle channel up to horizontal position.

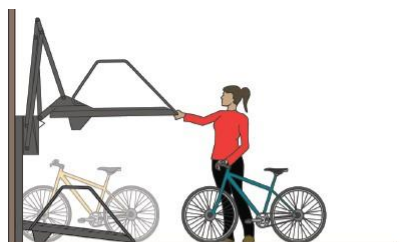


5. Push the channel back into the original position.



**Your Cycle is now securely parked.
Have a nice day!**

Double Decker Neko



1. Pull top rack towards you.



2. Wheel bike on and lock securely.

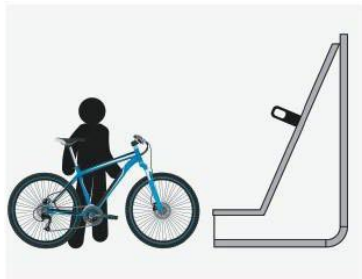


3. Push the rack back into place.



**Your Cycle is now securely parked.
Have a nice day!**

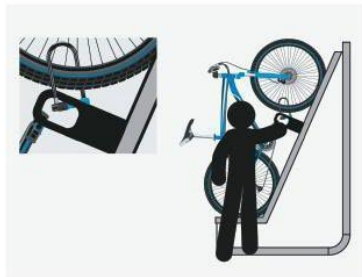
Verti45 & Verti46 Semi-Vertical Rack



1. Wheel bike to Verti45 semi vertical cycle rack.



2. Lift bike onto the Verti45 and ensure that the front and rear wheel are positioned in the channel slots.



3. Position bike lock on locking loop, front or rear wheel.



**Your Cycle is now securely parked.
Have a nice day!**

INSPECTION AND RECORD KEEPING:

In the event of any damage or vandalism, replacements or repairs can be arranged through Bellsure (contact details above).

To maximize life expectancy the product should be visually inspected, on a regular basis, for any signs of damage, vandalism, breakdown of surface finish, build-up of salt, dirt or atmospheric residue, and loose fixings. Ensure moving parts are still running freely. If any stiffness occurs, then some lubrication may be required on the runners.

During these inspections, should any concerns be noted, then the Customer's attention is brought to the following pages whereby suitable maintenance and repair methods are described for the various materials used.

In the event of serious damage to any main, or structural, component then Bellsure should be contacted immediately for detailed technical advice.

In addition to the visual inspection, a regular cleaning regime is also required.

The required frequency of visual inspection and cleaning will be dependent on the environment in which the product is situated:

- In rural and urban environments (C1 – C3) the products should be visually inspected monthly and cleaned every 3 months.
- In harsh industrial or coastal environments (C4, C5-I, C5-M), where the products may come into contact with concentrated atmospheric pollutants (chemical, marine), the visual inspection frequency should be increased to weekly, and the cleaning frequency increased to monthly (or as required).

Note – this document is not designed to be exhaustive and extensive in the exacting requirements of every case. If you consider your cleaning or repair circumstances to be outside of the scope of this document, then please contact Bellsure and we will be happy to help you keep our products looking as new.

All cleaning and maintenance should be recorded, detailing the method of cleaning, what products have been used, and what repair work has been undertaken.

In the case of a warranty claim against Bellsure, this information will be requested.

DISPOSAL INSTRUCTION:

Galvanised Steel is recyclable, please contact your local city council for further information.

Powder Coated Steel is recyclable, please contact your local city council for further information.

Mild Steel Sheet is recyclable, please contact your local city council for further information.

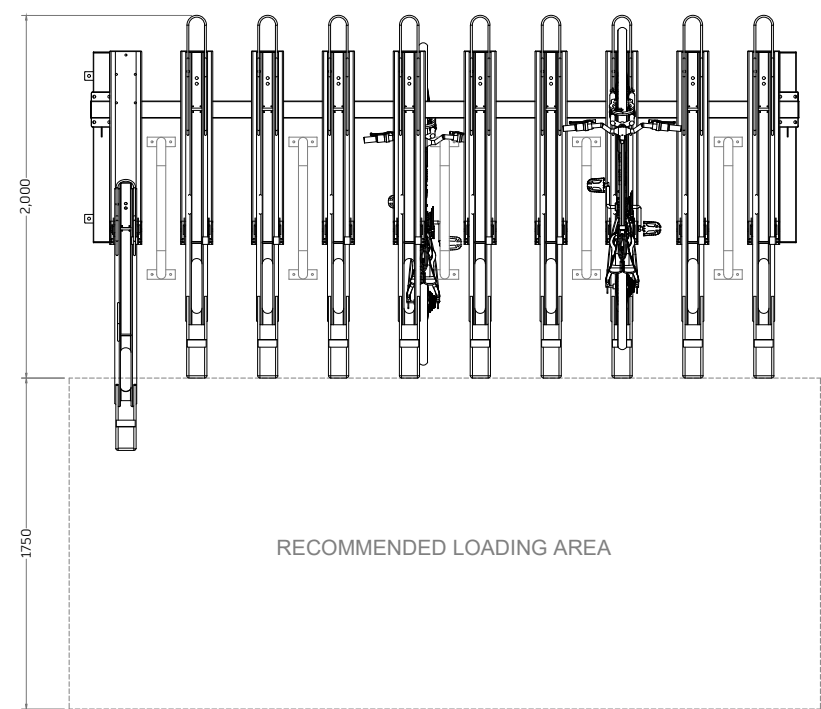
Aluminium is recyclable, please contact your local city council for further information.

Timber / Wood is recyclable, please contact your local city council for further information.

PETG / Polycarbonate Material is recyclable, please contact local your city council for further information.

DoubleDek Rax 375

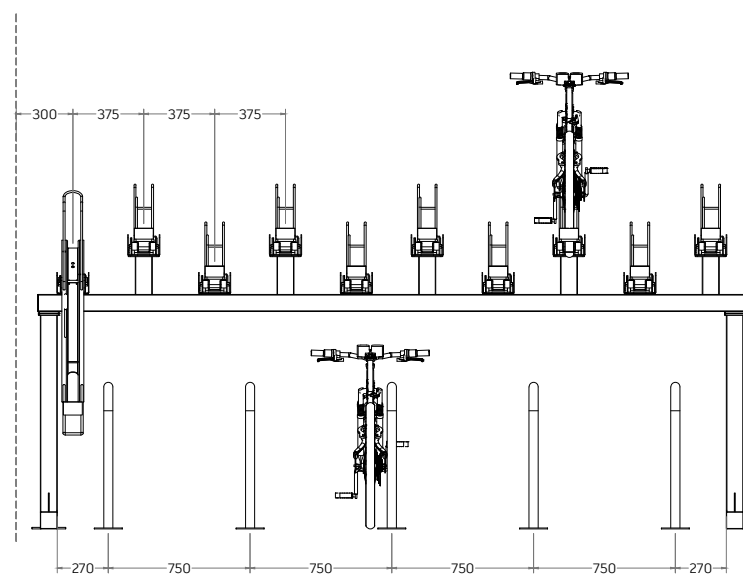
Top View



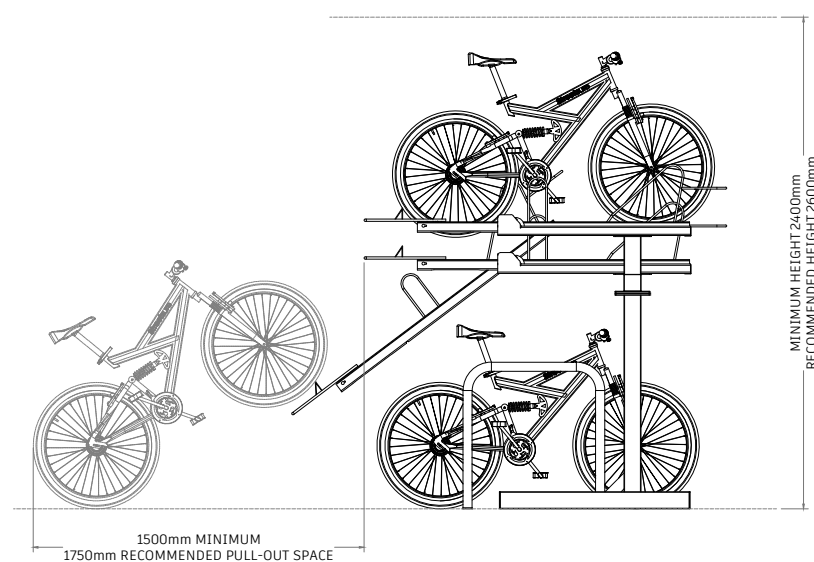
Perspective View



Front View



Right Side View



Technical information

Materials:	Mild Steel
Standard Finish:	Galvanised to BS EN ISO 1461:2009
Optional Finishes:	Powder-coating to Citihoops, support leg and frame available in any RAL colour
Handle Options:	Plascoated to any standard RAL colour
Configuration:	Single Sided
Bike Capacity:	Bespoke to customer specification
No. of Locking points:	3 per space on top slot Locking Rail at the bottom
Fixing Options:	Surface Mounted
Optional Extras:	Location identifiers, signage and upgrade top tier to gas assisted (DoubleDek Rax Gas Assisted 375).
BREEAM:	Our products will assist with achieving BREEAM rating
Product Warranty:	Two years
Minimum Height:	2400mm
Recommended Height:	2600mm
Benefits:	DoubleDek Rax is a cost-effective variant of the Classic two-tier cycle rack, combining space-efficiency with practicality.

PRODUCT NAME:

DoubleDek Rax 375

SCALE: 1:40	SHEET SIZE: A3	DRAWN BY: AA
CHECKED BY: RA	DATE: 08/06/2022	
PRODUCT NO. :		DDRX375

- All dimensions are in mm unless otherwise stated
- Any dimensions scaled from this drawing are taken at the reader's own risk