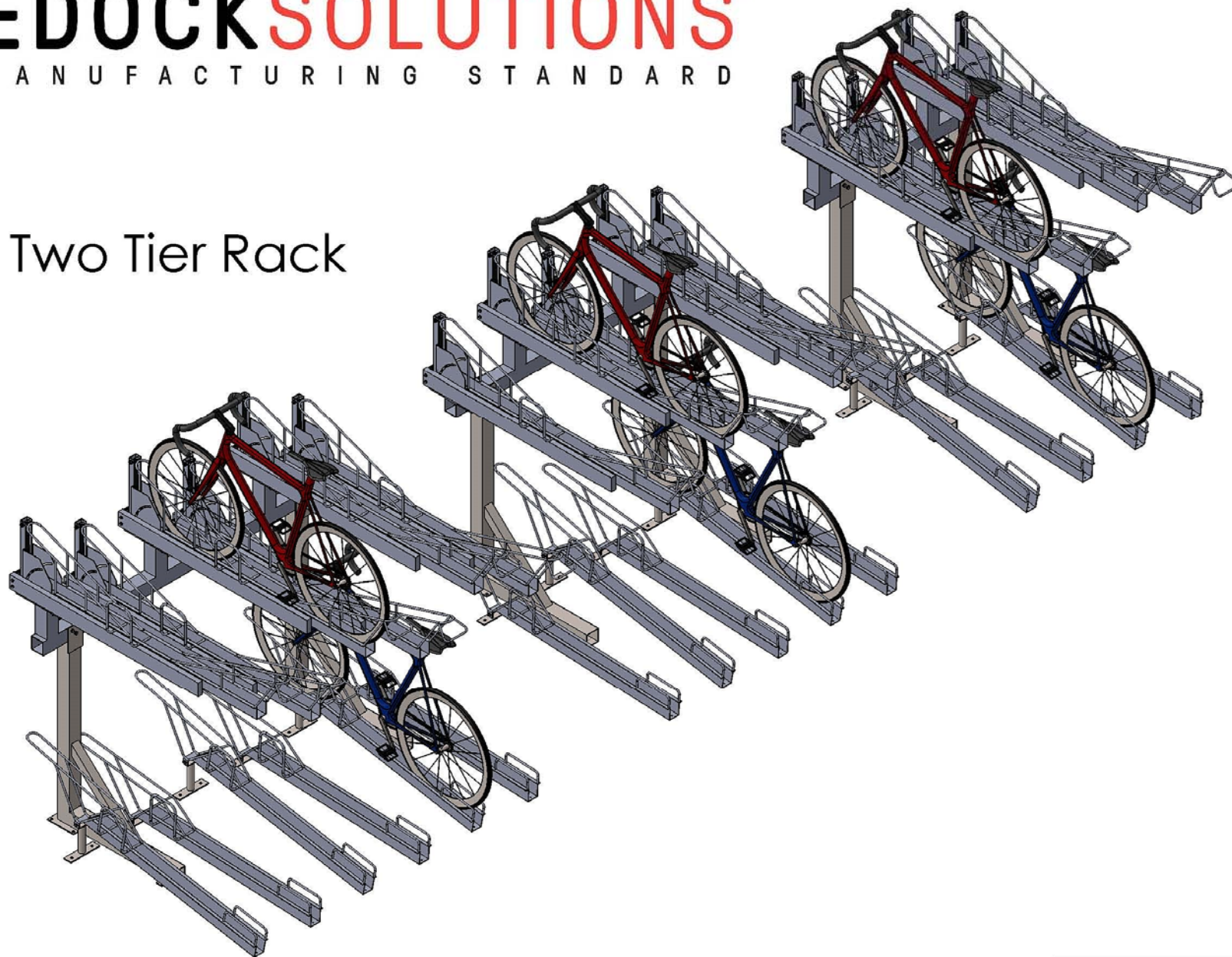
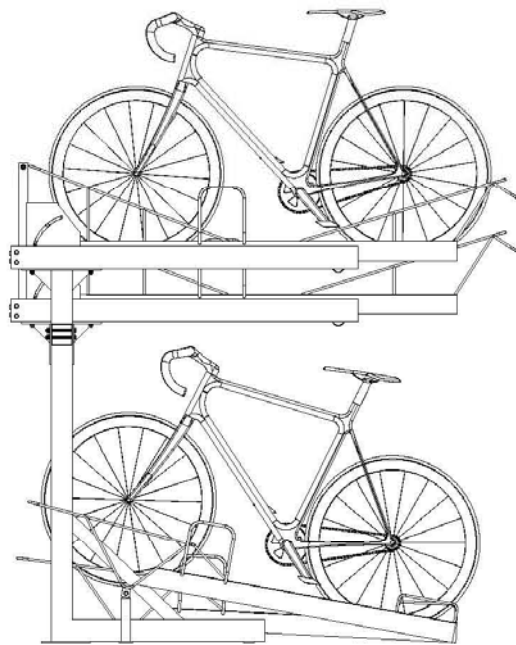


**BIKEDOCKSOLUTIONS®**  
THE MANUFACTURING STANDARD

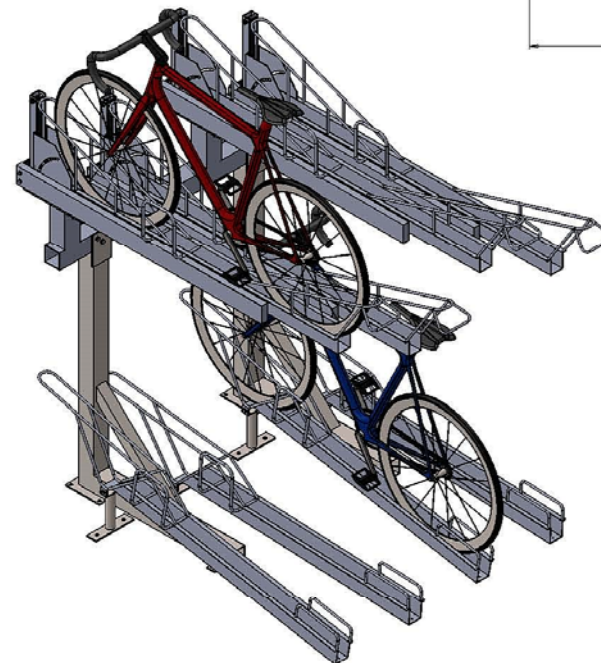
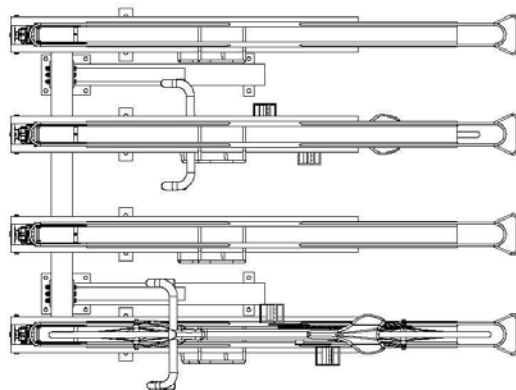
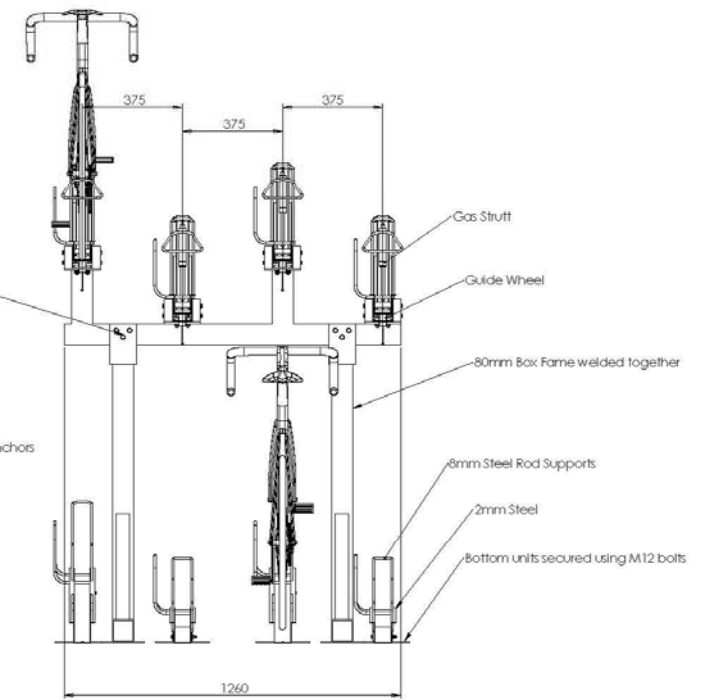
# BDS Two Tier Rack

[illegible]



Rock finish - Galvanised  
Frame bolted together using M10 bolts  
Secured to ground using M12 Sheeth anchors

Secured using M10 Bolts



CUSTOMER INFORMATION				BIO		DO NOT CHANGE THIS	
PROJECT NAME / ADDRESS / PHONE / FAX / E-MAIL / URL				DATE / TIME / DRAWN / CHECKED		REVISION	
DATE	NAME	DESIGNED	DATE				
DATE							
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DATE							
				APPROVAL:		BIO NO.	
						Two Tier Customer Drawing	
				REVISION		A1	

Bike Dock Solutions  
www.bikedocksolutions.com  
0800 912 9113







## Two Tier Case Studies



## The Shard

Bike Dock Solutions were approached to provide bespoke two tier bike racks for the Shard. Due for completion in early 2013 the Shard will be the tallest building in Western Europe. Hailed as a landmark in design and engineering, 95% of the construction materials are recycled. Bike Dock Solutions were chosen as supplier partly as they were the only supplier to be able to meet the 3 week turnaround for a bespoke two tier rack design.

## Twickenham Stadium

We manufactured and installed 66 Two Tier bike racks (with easy lift gas struts) For Twickenham Stadium. The racks will be used by staff and members of the public. The estates department are very pleased with the racks.



## 20 Fenchurch Street (The Walkie Talkie Tower)

Bike Dock Solutions were able to secure the supply and installation contract for 20 Fenchurch Street, known to us all as 'The Walkie-Talkie' tower in the City of London. This consisted of 258 BDS Two Tier Bike racks, the project has been completed and the racks are in use within the building. After an extremely successful cycling campaign Bike Dock Solutions are pleased to announce that we will be returning to finish the project by installing 90 Semi Vertical Bike Racks, watch this space.

Royal College of Music

Bike Dock Solutions were approached to manufacture and install several of our Two Tier Cardiff Cycle Shelters and 202 Two Tier Bike Racks in Hammersmith for the Royal College of Music. The client is delighted with the end result.

[illegible]



The BDS Two Tier Bike Rack is a pioneering and user friendly cycle parking system, with excellent space saving bike storage, superb usability and high value; allowing you to house twice as many bikes in the same area and space as any standard bike rack. The unique aspect of the space efficient and cost effective "Two Tier Bike Rack" makes it exclusive which has resulted in a growing requirement for it; especially in areas of high population densities such as stations, shopping centres, schools, car parks and offices. For all types of bicycles

The Two Tier Bike Rack can accommodate all types of bicycles, such as mountain bikes and road bikes, which can be chained or D-locked on to the Two Tier Bike Rack for added security. The bicycle is well supported by wheel channels and the back wheel is stabilised by a gutter to lock the bicycle firmly into place.

Simple and easy

The lower cycle rack has a sloping wheel channel, so the user does not have to bend between the levels which makes the two tier cycle rack system simple and easy to use for all ages. This rack is excellent for space saving as the cycle stands are so compact with a centre to centre distance of only 375mm.

Capacity Calculator\* Estimate how many bikes you can store:

Length mm units:

Number of cycles stored: \*Minimum height of 2.4 metres required // 900000) {Rd=900000}; if (Rd==900000) { alert('Are you sure you entered the length in mm\\n\\nYou have way too much space\\n\\n Call us for assistance. '); return false; } var Sc = (Rd \* 2) // debug alert (Sc); form.Answer.value = (Sc - 2); } /\* ClearForm: \*/ function ClearForm(form) { form.input\_A.value = ""; form.Answer.value = ""; } // ]> Benefits of the Two Tier Bike Rack include: Available in a galvanised or powder coated finish (please call us for a quote). Easy to use upper tier using stainless steel bearings for long life and minimum maintenance The bicycle is held stable in the wheel channels with locking bars for additional security Accommodates all cycle types (mountain bikes, town bikes etc) Bicycle frame and wheel can be chained for security Cycle is well supported when being stored Lower rack has a sloping wheel channel, so the user does not have to bend between the levels Can be extended indefinitely Double or single sided versions available Robust construction, hot dip galvanised to BS EN ISO 1461 Optional powder coating in any of the 192 RAL colours (Non moving parts) BDS Two Tier Bike Racks are the only "Cycling Score" approved two tier bike parking system Designed and manufactured by a company with over 50 years experience We even wrote a blog about the Two Tier Bike Rack here. This bike rack can help contribute towards gaining ENE8 Cycle storage credits when used in the appropriate situation, under the Code for Sustainable Homes. Cycle stands are compact with a centre to centre distance of 375mm Minimum height required is 2400mm x minimum depth 1950mm (plus a recommended minimum entrance space of 1500mm) Easy lift gas strut fitted so lifting the bike up on the rack requires minimal force from the user, as per health and safety standards How many bikes can I fit in with the Two Tier Bike Rack?

It's easy to work out. All you need to do, is measure the length of the area you want to fit the rack in. The length (mm) divided by 375mm = number of bikes that will fit on the bottom row. Multiply by 2 to get the total number of bike spaces and subtract 2 bikes to allow for the handle bars sticking out.

For example. 4000mm length divided by 375 = 10.666. Multiplied by 2 = 21.333. Round it down to 20 bikes.

How much space in the room do I need?

To be comfortable, we advise at least a 3500mm depth and a width of:

4 bikes - 1125mm 6 bikes - 1500mm 8 bikes - 1875mm 10 bikes - 2250mm 12 bikes - 2625mm 14 bikes - 3000mm 16 bikes - 3375mm 18 bikes - 3750mm 20 bikes - 4125mm Simply add 375mm for each extra 2 bikes. Lead Time on the BDS Two Tier Bike Rack

Unlike many other Two Tier bike rack manufacturers, we carry stock of the main components so lead times can be much shorter than other suppliers. We have often delivered against very strict deadlines, The London Shard being an example; where we attended site, created a CAD layout plan for approval, designed a bespoke solution, manufactured and delivered in 4 weeks to the set and agreed deadlines.

Typical delivery time: 2-8 weeks

PLEASE CALL US ON 0800 612 6113 TO DISCUSS MORE DETAILS OR TECHNICAL INFORMATION.

See our Two Tier Cycle Shelters here

Product reference: TTBR1