



Two Tier Cycle Racks

TWO TIER CYCLE RACK SYSTEM

Introducing The Shelter Expert two tier cycle rack system, an efficient solution where high capacity cycle storage is a priority

Our system is designed and manufactured by us here in the UK allowing for these added advantages:-

- We can assist you to achieve the optimal storage capacity solution that best suits the space parameters available
- Greatly reduced lead times - our standard lead time is four weeks from date of order.
- Lower delivery costs - being based in the Midlands we are able to provide a cost effective delivery service to all UK sites



Rear tyre location point



Handle 425mm from floor



Dual lifting handles



Reflective quad grip

Additional features

- Safety rear tyre location point on upper tier tyre gutter
- First lift handle when loading the upper rack is a nominal "easy reach" 425mm from ground level
- Only 7.2 kilos unladen lift weight of upper rack
- "Easy reach" nominal 1475mm handle height when unloading upper rack
- Dual handles for ease of operation
- Reflective identifiable quad grip positions
- Modular design provides unlimited cycle storage capability, with single and double sided options
- Suitable for all types of bikes

Why The Shelter Expert two tier rack system?

Our space efficient racking system stores one bike directly above the other, therefore increases the number of bicycles stored in any one area.

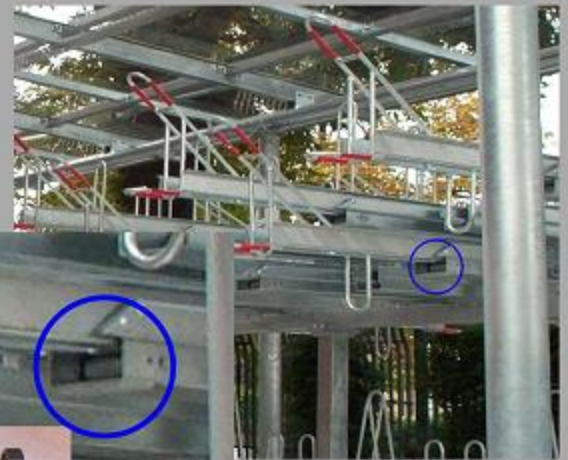
We have a comprehensive range of cycle shelters designed specifically for The Shelter Expert two tier rack system

See how easy it is to operate our two tier rack system - just visit <http://www.theshelterexpert.co.uk/youtube>



Two point easy glide operation system

- > Single front compact gravity conveyor roller with integral free running bearings
- > Dual rear shielded deep groove ball bearings on single stainless steel shaft

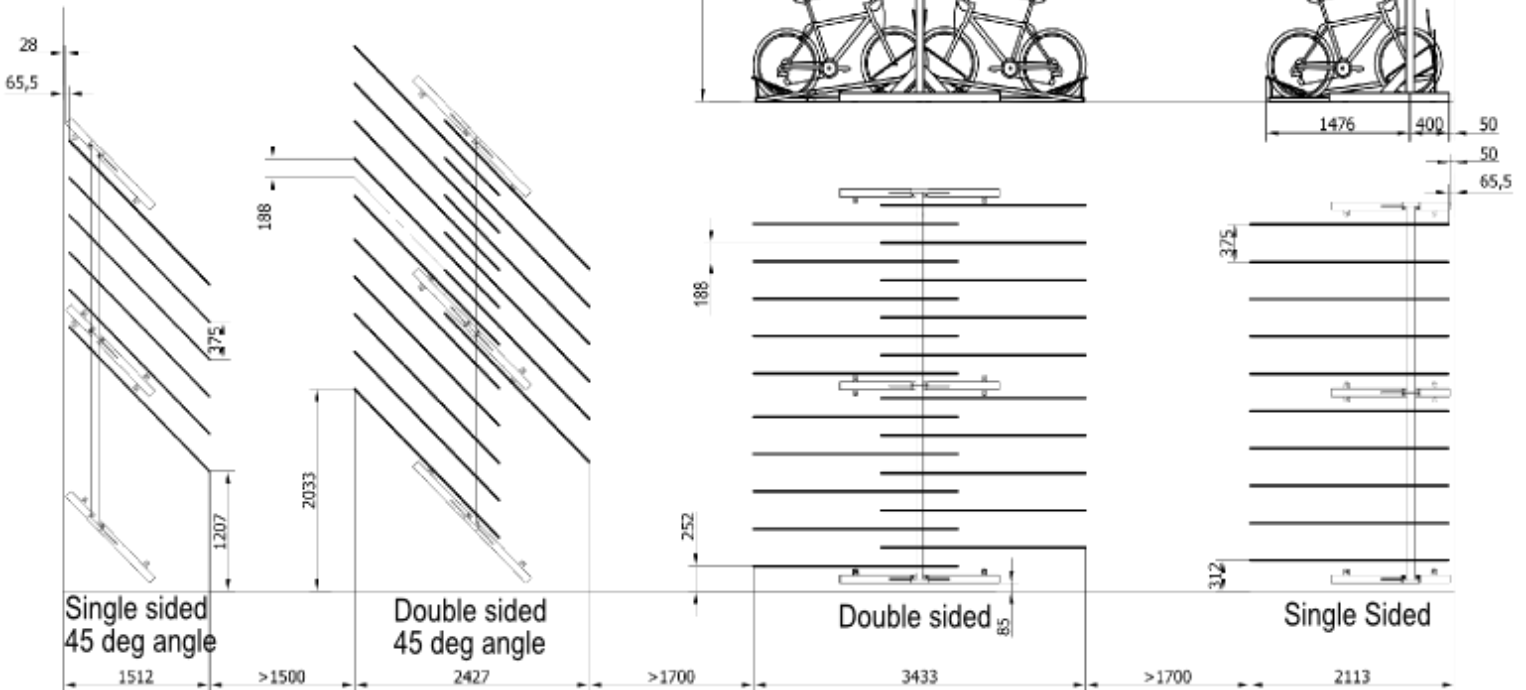


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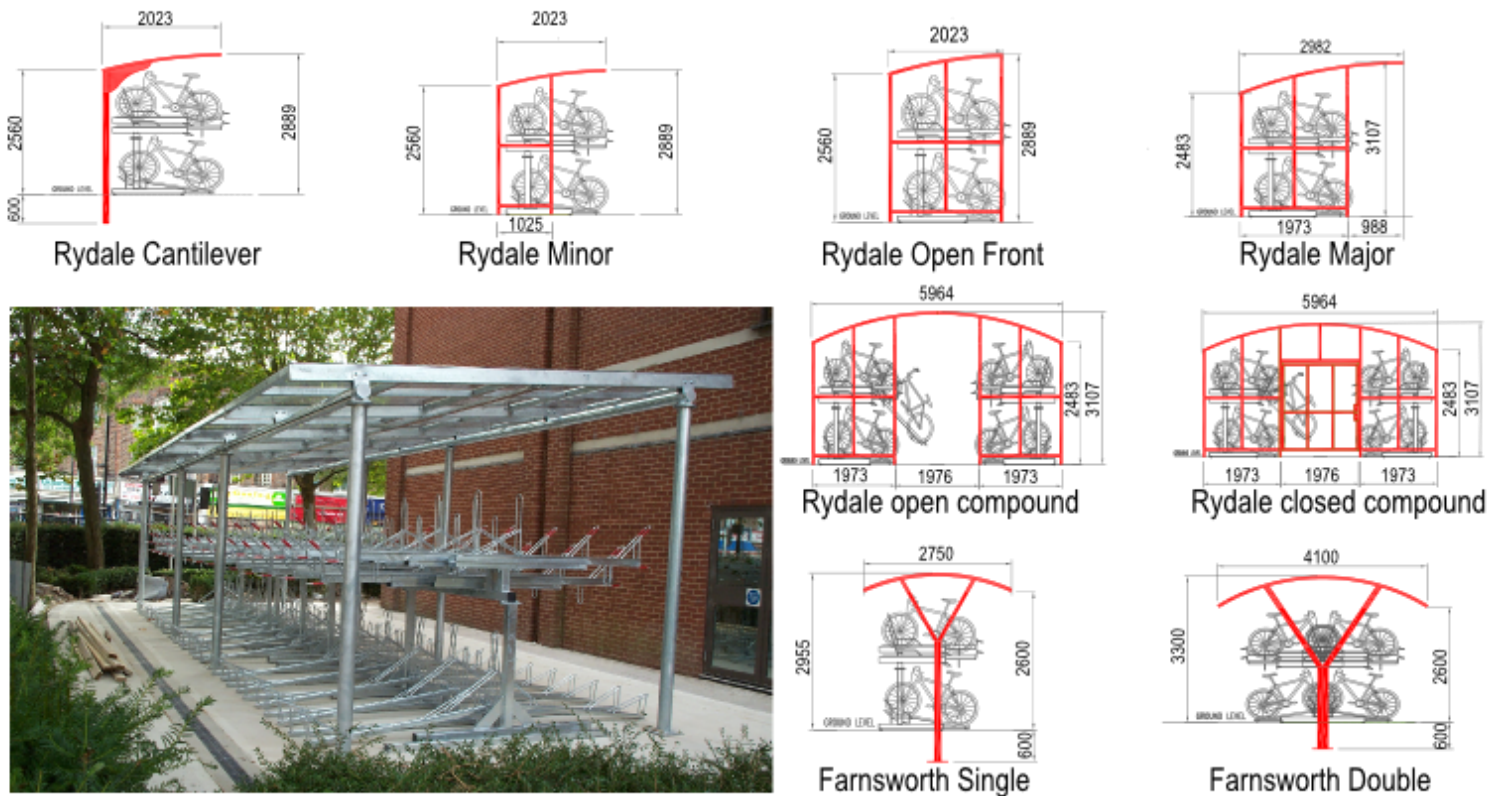
Structural Specification

Upper tyre gutter and glide rail chassis is manufactured from 2.5mm mild steel.
 Lower tyre gutter is manufactured from 2.5mm mild steel.
 Main structure framework is manufactured from 80mm x 80mm SHS mild steel.
 Cycle location hoops are manufactured from 12mm diameter mild steel solid bar.
 Finish is hot dip galvanising to BS EN 1461:2009

Two Tier Cycle Racks



Shelters - designed specifically for The Shelter Expert two tier rack system



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Two Tier - Minor

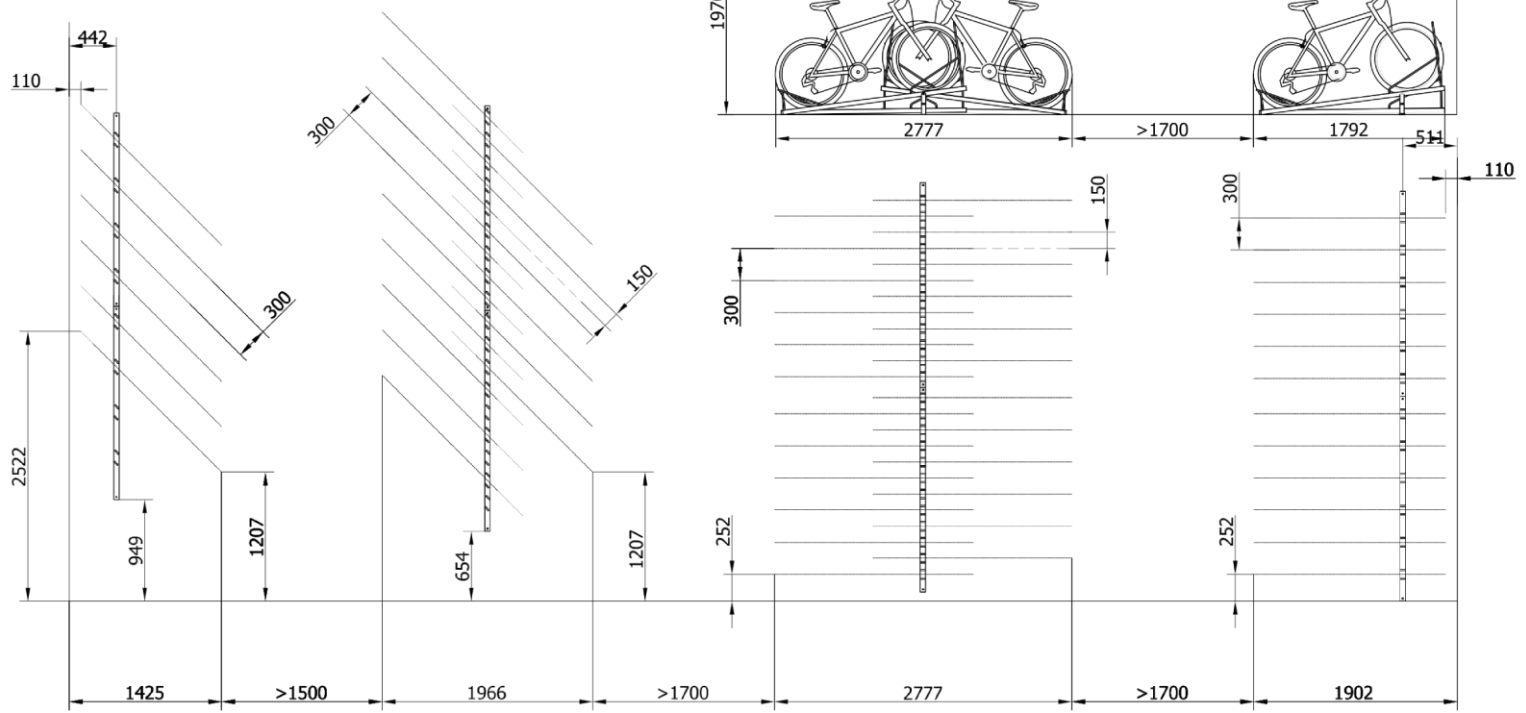
Tyre gutters are manufactured from 2.5mm mild steel.

Tyre gutter tie bars manufactured from 50mm x 10mm mild steel.

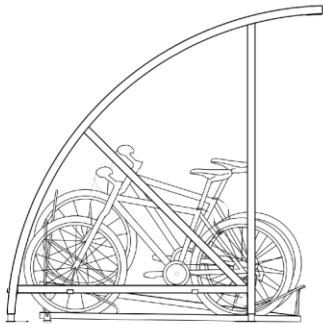
Cycle location hoops are manufactured from 12mm diameter mild steel solid bar.

Finish is hot dip galvanising to BS EN 1461:2009

Two Tier Cycle Racks

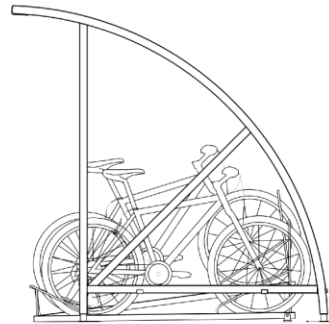


Shelters compatible with the Shelter Expert two tier minor rack system:



All of The Shelter Expert cycle shelters can be supplied compatible with our two tier minor rack system

The images alongside show the layout of the two tier minor rack in our Economy open front shelter - our most popular shelter



SPACE PARAMETER CHART FOR TWO TIER CYCLE RACK RANGE

all dimensions in mm

	Two Tier Straight Run		Two Tier 45 Degree run		Two Tier Minor Straight Run		Two Tier Minor 45 degree run	
	Single sided	Double sided	Single sided	Double sided	Single sided	Double sided	Single sided	Double sided
Maximum number of cycles stored per linear metre run	5.3	10.6	3.77	7.54	3.33	6.66	2.36	4.72
Minimum length requirement allowing for clearance at the start and the end of the run	624 (Inc first 2 bikes)	692 (inc first 4 bikes)	3045 (inc first 2 bikes)	5360 (inc first 18 bikes)	624 (Inc first bike)	504 (inc first bike)	2522 (inc first bike)	3370 (Inc first 4 bikes)
Length required thereafter for each additional 2 bikes	375	188	530	265	600	300	848	424
Minimum headroom required	2600	2600	2600	2600	1970	1970	1970	1970
Minimum width required allowing for loading and unloading the bike	3813	6833	3012	5427	3602	6177	2925	4966
Maximum bike storage per square metre	1.39	1.55	1.25	1.39	0.92	1.08	0.81	0.95

A useful chart detailing the minimum clearances and space requirements for our two tier and two tier minor cycle storage racks.

This chart will enable you to calculate the cycle storage capacity for any available space

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