

# Guide to Assembly & Usage

## BiG340 Tyre Rack - Static Version



### Information

If in doubt, contact the supplier



Read this guide thoroughly before commencing assembly and retain for future reference



Before commencing assembly, unpack carefully and check that all components ordered are included



Assembly should be undertaken by a minimum of two competent people



Tools – Large rubber mallet, spanners 10mm, 13mm and 15mm



### Caution

During assembly, ensure to:



Take care during assembly and in use, particularly when lifting or stretching and when using tools



Wear appropriate safety clothing – protective gloves and footwear are recommended



Build on a suitable level floor, which is strong enough to support the load and allow adequate working space



Dispose of packaging materials responsibly



### Warning

Rules for the safe use of shelving:



Ensure these instructions are retained for reference and that users are aware of the rules for safe use



Never climb on the structure or stand on the shelving



Do not lean or support ladders, steps, or other objects against shelving



Always use safety steps to reach high shelves



Do not use in damp or wet conditions



Load heavy items on the lower shelves and lighter items on the higher shelves



This product is designed for hand loading only



Ensure that the maximum load carrying capacities are not exceeded



Please refer to the loading information supplied for details



### COMPONENT CHECK LIST

Component	Quantity
<b>A Upright</b>	4
<b>B Side Beam</b>	6
<b>C Tyre Support Beam</b>	6
<b>D Metal Foot and Fixings</b>	4

If you have any missing components please take note of the part name and contact your supplier

### Loading information

#### BiG340 Tyre Rack - Static

These load charts relate to layouts with the following specifications:

- Maximum post height: 1600mm
- Similar distances (height) between beam levels
- Located on a flat, load bearing floor

#### Shelf load capacities

Maximum permitted shelf capacities are based on UDL†.

Please note that the bay capacity may limit the maximum load per level:

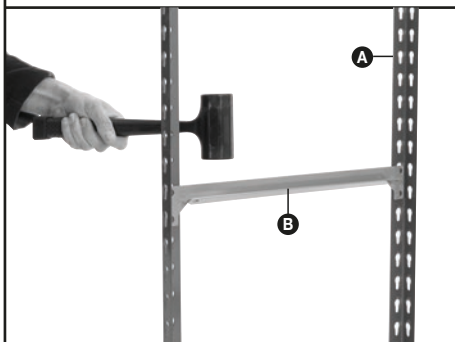
**IF YOU ARE IN ANY DOUBT REGARDING LOAD CAPACITIES, PLEASE CONTACT YOUR SUPPLIER**

†UDL = Uniformly Distributed Load

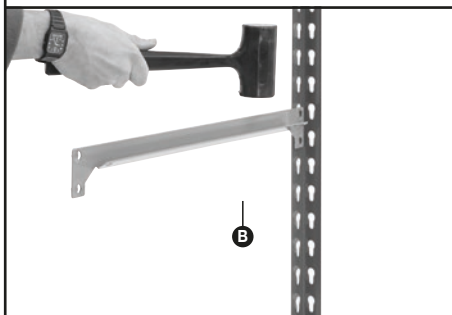
BiG340 Tyre Rack - Static	
Beam width mm	Load capacity per level
915	100kg
Maximum load per bay BiG340 Tyre Rack	
Up to 1600mm high	300kg
Capacities are common for all standard shelf depths.	

# Assembly - BiG340 Tyre Rack- Static

- 1** Select two uprights **A** and insert a short side beam **B** into the keyholes at a height of 457mm (12 holes)



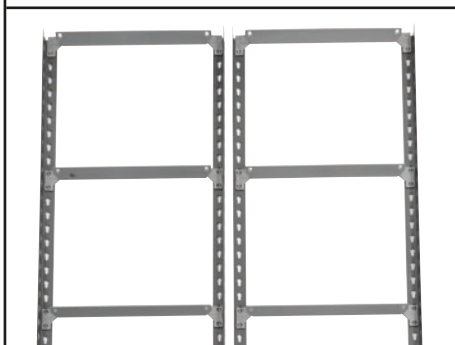
- 2** Knock the beam **B** with a rubber mallet at both ends to ensure the studs are fully located in the bottom of the keyholes



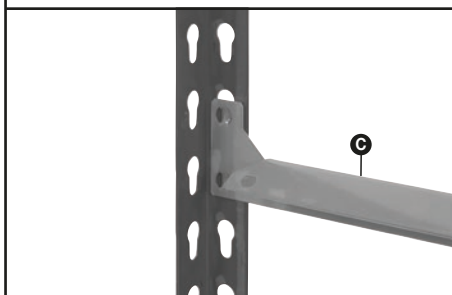
- 3** Repeat steps 1 and 2 to create an end frame with the 3rd beam in the highest keyholes



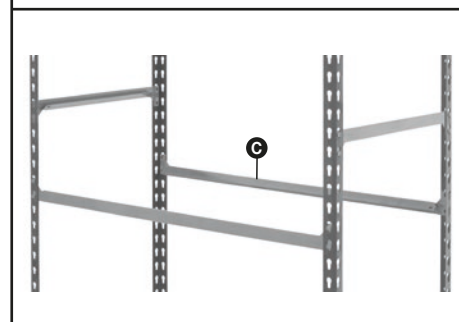
- 4** Select two more uprights and repeat steps 1 to 3 until you have a second identical end frame



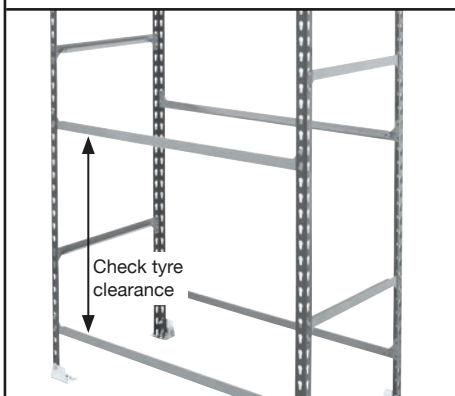
- 5** Take a long tyre support beam **C** and insert into the keyholes on one frame with the V profile uppermost as in picture below. Position the lower level at 152mm (4 holes)



- 6** Knock beam into position and then repeat step 5 to fit another beam **C** at the same height on the frame. Join beam ends to the second frame as below



- 7** Before adding next tyre beam level, check the height required to allow tyres to be loaded. Then add next two beams as in steps 5 and 6



- 8** Add the final tyre beam level as in step 7 using the same spacing to allow tyres to be loaded



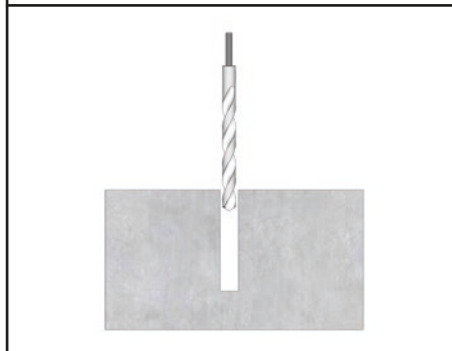
- 9** Fit metal feet to the base of each upright through keyholes, using bolts, nuts and washers supplied. Tighten with a 15mm spanner



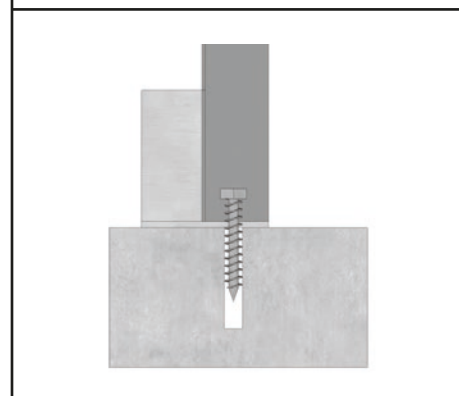
- 10** If linking two tyre racks together with tie plates, a single metal foot can be used to fix two uprights



- 11** We recommend that all static tyre racks are fixed to a solid floor for stability. Floor fixings supplied can be used in most types of floor. Position the tyre rack and drill an 8mm hole into the floor to a depth of 75mm



- 12** Remove any dust before inserting the bolt. Fix the bolt through the footplate to the floor using a 15mm socket or spanner. Repeat for all 4 feet



Note: Illustrations not to scale