

Guide to Assembly & Usage

BiG340 Tyre Rack - Mobile 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



[†]UDL = Uniformly Distributed Load

COMPONENT CHECK LIST

Component	Quantity
A Upright	4
B Side Beam	6
C Tyre Support Beam	4
D Castor Bracket and Fixing Set	4
E Long 'C' Section Beam	2
F Side 'C' Section Beam	2

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

Loading information

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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

This product is not designed for intensive use as a goods trolley or on uneven surfaces such as gravel, on roads or over thresholds.

For any other uses, please refer to your supplier for detailed loading capacities

Shelf load capacities

Maximum permitted load capacities are based on SWL[†]. 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

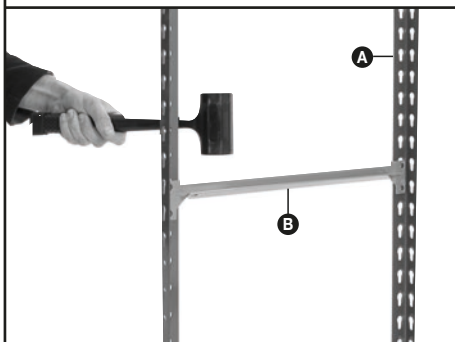
[†]UDL = Uniformly Distributed Load

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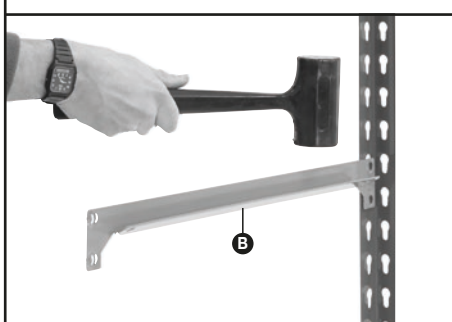
Beam width mm	Load capacity per level
915	100kg
Bay height mm	Maximum load per rack
Up to 1600mm high	300kg
Capacities are common for all standard bay depths.	

Assembly - BiG340 Tyre Rack - Mobile

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



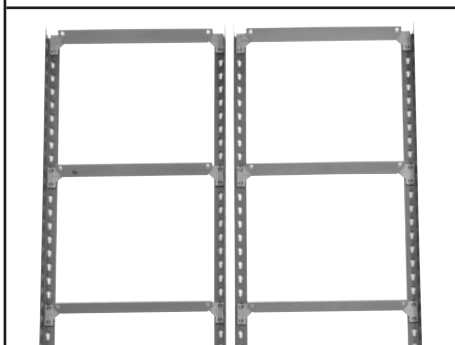
- 2** Knock the beam **B** with a rubber mallet at both ends to ensure the studs are fully located in the bottom of the keyholes



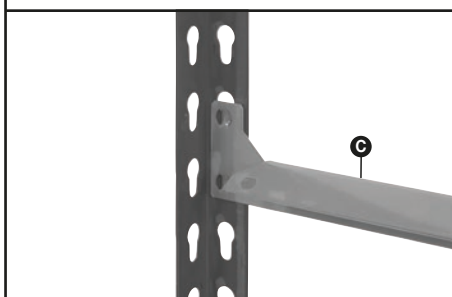
- 3** Repeat steps 1 and 2 to create an end frame with the 3rd beam in the highest keyholes



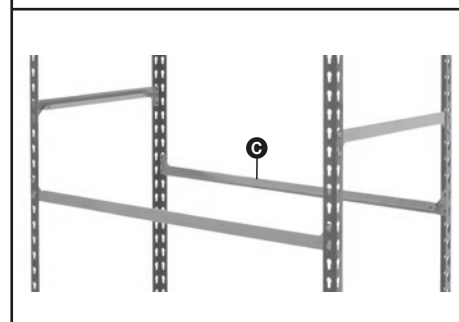
- 4** Select two more uprights and repeat steps 1 to 3 until you have a second identical end frame



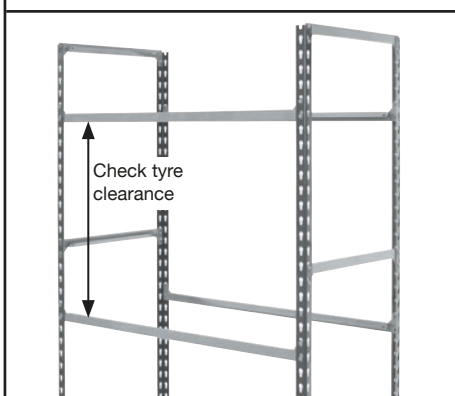
- 5** Take a long tyre support beam **C** and insert into the keyholes on one frame with the V profile uppermost as in picture below. Position the lower level at 740mm (19 holes)



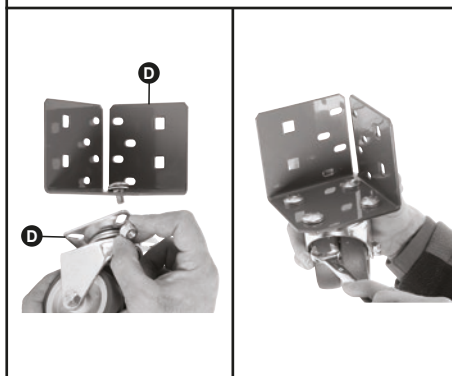
- 6** Knock beam into position and then repeat step 5 to fit another beam **C** at the same height on the frame. Join beam ends to the second frame as below



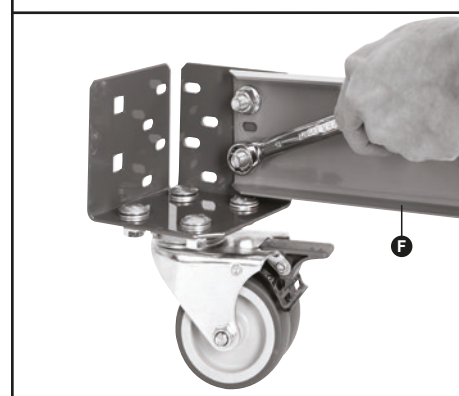
- 7** Before adding next tyre beam level, check the height required to allow tyres to be loaded. Then add next two beams as in steps 5 and 6



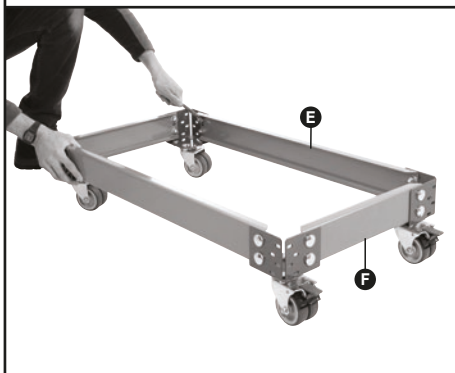
- 8** Assemble the mobile base frame: Attach castors **D** to brackets using four M8 bolts and nuts with a 13mm spanner, placing the M10 washers onto the bolt side of the fixing



- 9** Attach a side 'C' section beam **F** to a bracket using two M10 bolts and nuts with a 15mm spanner, placing the M12 washer onto the bolt side of the fixing



- 10** Continue joining side 'C' section beams **F** and long 'C' section beams **E** to brackets to complete base.
Tip: Ensure castors with brakes are located on same side



- 11** With help from a second person, lift the racking frame and place onto the base.
Tip: Ensure castor brakes are locked so that the base doesn't move around



- 12** Secure uprights **A** to brackets using four M6 bolts and nuts with a 10mm spanner, placing the M6 washers onto the nut side of the fixing

