

Guide to Assembly & Usage

BiG200/BiG340

Information

If in doubt, contact the supplier

Read these instructions thoroughly before commencing assembly & retain a copy for your reference

Inspect all packages for damage and check that all components ordered are included

Assembly should be undertaken by at least two competent people

Tools required – Tape measure, rubber mallet and drill if wall fixing is required

We recommend products over 2000mm high are fixed to the wall where possible

Caution

During assembly:

Take care when handling heavy items, particularly when lifting or stretching

Wear appropriate clothing - protective gloves and footwear are recommended

Build on a suitable level floor surface which is strong enough to support the load

Allow adequate working space and be aware of others working around you

Dispose of packaging materials responsibly

Warning

Rules for safe use of shelving:

Please retain these Instructions for reference and ensure that users understand the rules for safe use

Never climb on the structure or stand on the shelves

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

Always use safety steps to reach high shelves

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

This product is designed for hand loading only

Do not use in damp or wet environments

Ensure that the maximum load carrying capacities are not exceeded

Please refer to the loading chart supplied for details



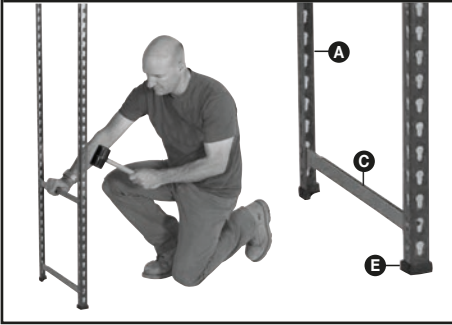
COMPONENT CHECK LIST

Component	Quantity
A Post	4 per bay
B Front & Back Beam	12 per 6 level bay
C Side Beam	12 per 6 level bay
D Chipboard Decks	6 per 6 level bay
E Plastic Foot	4 per bay
F Wire Beam Ties - Only supplied with 1525mm wide shelving bays	1 per level

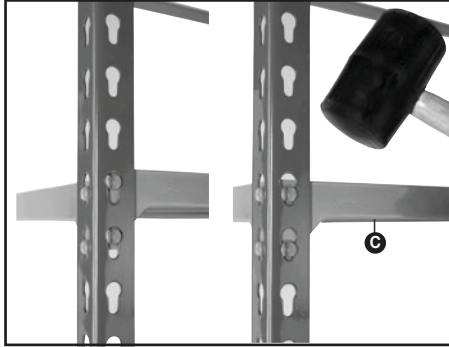
If you have any missing components please take note of the part name and contact your supplier

Assembly - BiG200/BiG340

- 1** Select two posts **A** and push on plastic feet **E** to the bases. Insert a short side beam **C** into the keyholes at the lowest shelf level required.



- 2** Tap beam **C** with a rubber mallet to ensure the end studs are fully located in the bottom of the keyholes.



- 3** Repeat steps 1 and 2 until you have created a 'ladder style frame'.

Tip: Now is a good time to check the space between beams suits the items you want to store on the shelves and adjust as required.

See page 3 for details on how to calculate clear heights between shelves.

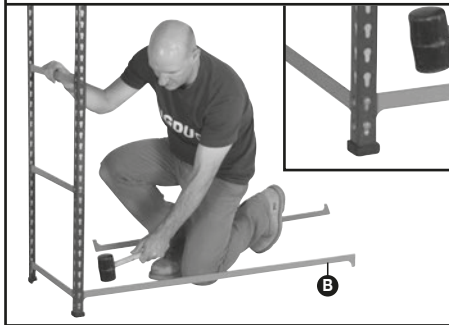


- 4** Select two more posts **A** and repeat steps 1 to 3 until you have a second 'ladder style frame'.

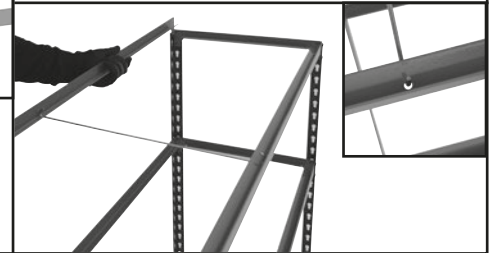
Tip: Use the first frame as a template to get the correct spacing.



- 5** Take two long beams **B** and insert them into the keyholes on one frame at the same height as the short beams. Tap into place with a rubber mallet.

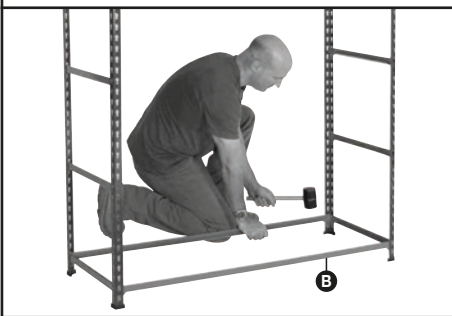


Beam Ties (1525mm wide shelving only). Attach one end of the beam tie to the slot in the centre of a single front beam and tap into place in the end frames. Then fit the other end of the beam tie to the centre of the rear beam before tapping into place in the end frame (as shown).



- 6** Insert the other ends of the beams **B** into the second frame as in step 5.

Tip: Ask another person to hold the frames in place while you secure them.



- 7** Repeat steps 5 and 6 to add the remaining long beams.



- 8** Insert chipboard decks **D** into each level - decks sit on the inside angled edge of beams.



- 9** Check all decks are in place and that the shelving bay is standing on a level floor. The shelving is now ready to use.

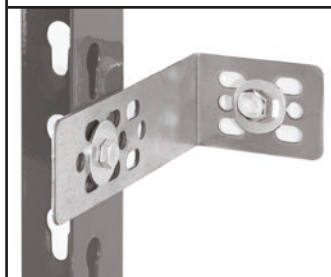


Tip: See next steps for accessories.

- 10** Shelving bays can be joined together with Tie Plates. Use 4 per join - 2 front and back. Tap into place with a rubber mallet.



- 11** For tall or narrow shelving we recommend wall fixing where possible. Use one adjustable wall bracket set per bay and fix towards the top of each upright.



- 12** Optional steel feet for floor fixing are available. Fix to single or double uprights using bolts supplied.



Space Planning Guide

Please use the external dimension information below to ensure your shelving will fit in the space available. Use the clear height formula to work out how much space to leave between shelves, so that your items will fit easily.

SHELVING WIDTH

Shelf Width mm	Total Bay mm	Clear Entry mm
915	925	851
1220	1230	1156
1525	1535	1461

- Pitch Adjustability = 38.1mm
- *Clear Height = (No of Slots x 38.1) -30

Please note: Adding tie plates will not increase the overall width of multiple bays.

SHELVING DEPTH

Shelf Depth mm	Total Bay mm
305	315
455	465
610	620
915	925

Loading information

BiG200/BiG340

These load charts relate to shelving layouts with the following specifications:

- Maximum post height = 3048mm
- Single bays and multiple linked bays with a minimum of 5 levels per bay
- Similar distances (height) between levels
- Bays are positioned on a level floor

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

Shelf load capacities

Maximum permitted shelf capacities are based on uniformly distributed loads (UDL). Please note that the bay capacity may limit the maximum load per shelf:

Shelf Width mm	BiG200 Load Capacity per shelf	BiG340 Load Capacity per shelf
915	200kg	340kg
1220	140kg	200kg
1525	90kg	100kg
Maximum load per bay	BiG200	BiG340
Up to 1980mm high	1200kg	2869kg
Up to 2440mm high	-	2475kg
Up to 3048mm high	-	1745kg

Capacities are common for all standard shelf depths.

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