

Euro Cross Braced Bay Assembly- Open and Clad Frames


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 two competent people.


Tools
 Assembly includes bolts, requiring appropriate spanner or socket.


Assess for floor fixing
 Tall, narrow bays may require this to ensure stability


Caution
 During assembly, ensure to:


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


 Assemble and locate for use on a suitable level floor surface. Allow adequate working space.


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 SHELVES.


 DO NOT LEAN OR SUPPORT LADDERS, STEPS OR OTHER OBJECTS AGAINST SHELVING.


 ALWAYS USE SAFETY STEPS TO REACH HIGH SHELVES.


LOADING- Ensure that all loads are hand-loaded, safely & equally distributed across each shelf and evenly throughout a shelving bay when fully loaded.

 When partially loaded, it is recommended that the lowest shelves are used first.

 Do not allow upper shelves to be heavily loaded, whilst lower shelves are empty.

ENSURE THAT THE MAXIMUM LOAD CARRYING CAPACITIES ARE NOT EXCEEDED.

Shelving is safe when used responsibly
 If in doubt, contact the supplier.

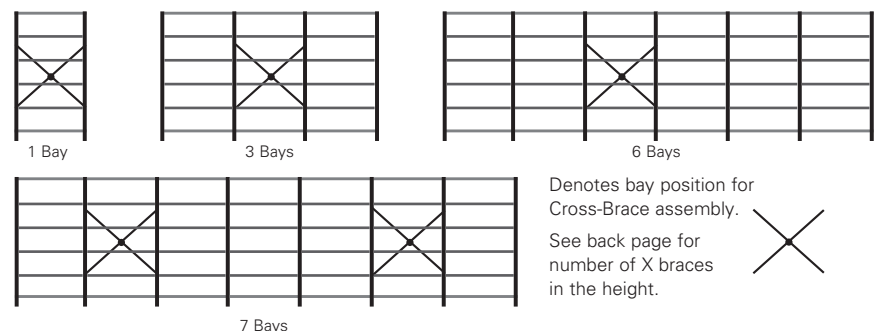


Rear Cross Bracing Requirements

Single bays or runs of shelving require rear 'spine' bracing for stability. This is provided by **Rear Cross Brace** for open-back bays, fitted at the frequency shown below

Euro Shelving Cross-Bracing Frequency (front elevation) - 1 bay in 6, showing best practice fitting examples

Note: assumes floor to first shelf position height is within 200mm



Floor Fixing Requirements - Racks must be fixed to the floor when:

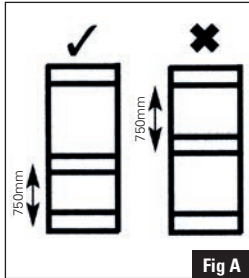
- Height to depth ratio exceeds 4 :1
- When the first shelf is more than 200mm from the floor.
- They contain pull-out accessories and/or doors

Note: Illustrations not to scale.

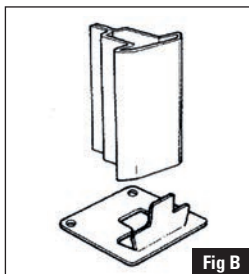
Cross Braced Bay Assembly - Open and Clad Frames

Single Sided Starter Bay Assembly

1. Select the frame.
NOTE Orientation of open frames. See Fig A.



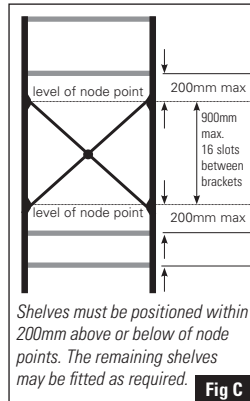
2. Install the footplate as shown. See Fig B.



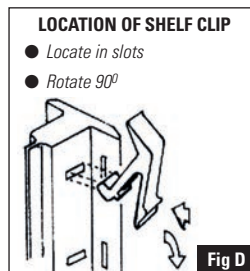
3. If required tap in upright caps.

NOTE:
FOR REAR CROSS BRACING FREQUENCY AND FLOOR FIXING REQUIREMENTS SEE FRONT PAGE

4. Decide Top shelf position (Note fixing positions relative to cross braces - See Fig C).



5. Locate a shelf locking clip in the top shelf position of each upright. See Fig D.

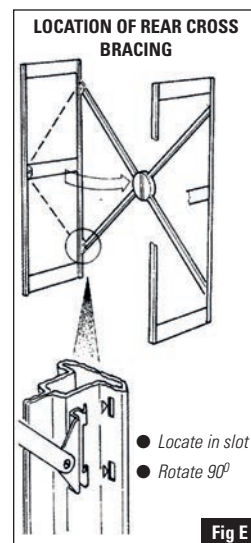


6. Fit shelf (2 people required).
7. Repeat for bottom shelf.

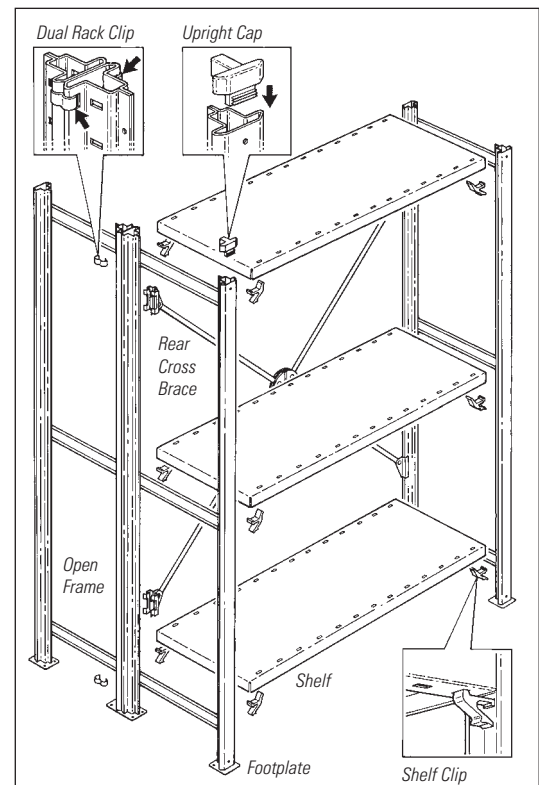
8. Open cross bracing ties to required dimension - see last page for Diagram.

9. Remove bracing centre bolt.

10. Hook in clips to upright as shown in Fig E.
NOTE for double sided bays see back-to-back bay assembly at bottom of page.

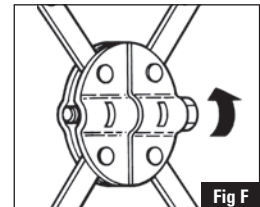


11. Engage but do not tighten centre bolt.



12. Locate remaining shelves.
NOTE maximum fixing position relative to rear cross brace, Fig C.

13. Tighten rear cross brace. See Fig F.



Single Sided Extension Bay Assembly

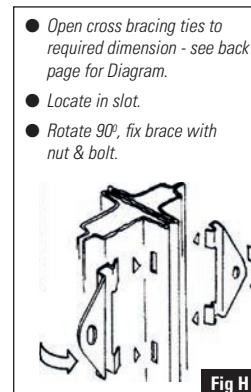
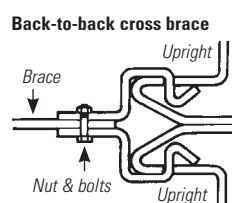
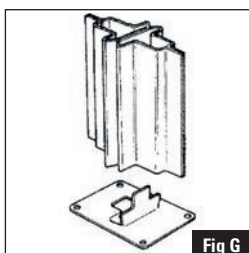
1. Decide top shelf position.
2. Fit 2 shelf locking clips on the outside of the assembled bay (one to each upright of the frame).
3. Select the next frame and install the feet.
4. Fit 2 shelf locking clips to the frame to correspond to those previously fitted.
5. Fit top, bottom and then remaining shelves.

NOTE:
REAR CROSS BRACING MAY NEED TO BE FITTED. SEE FREQUENCY REQUIREMENTS ON FRONT PAGE

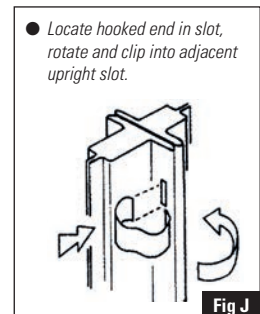
Back-to-Back Bay Assembly

Shelving runs may be built back-to-back. Basic assembly is the same as Single Sided Starter/Extension bay assembly with exceptions as follows;

1. Install a double footplate to the centre back to back uprights. See Fig G.
2. Back-to-back rear cross bracing kits should be fitted as shown. See Fig H.



3. The back-to-back uprights must be connected using rack links- See Fig J.
- Rack Links are positioned in pairs on the uprights at a maximum of 1500mm vertical centres.
- Position a pair within 200mm of floor and within 200mm of top of frame.



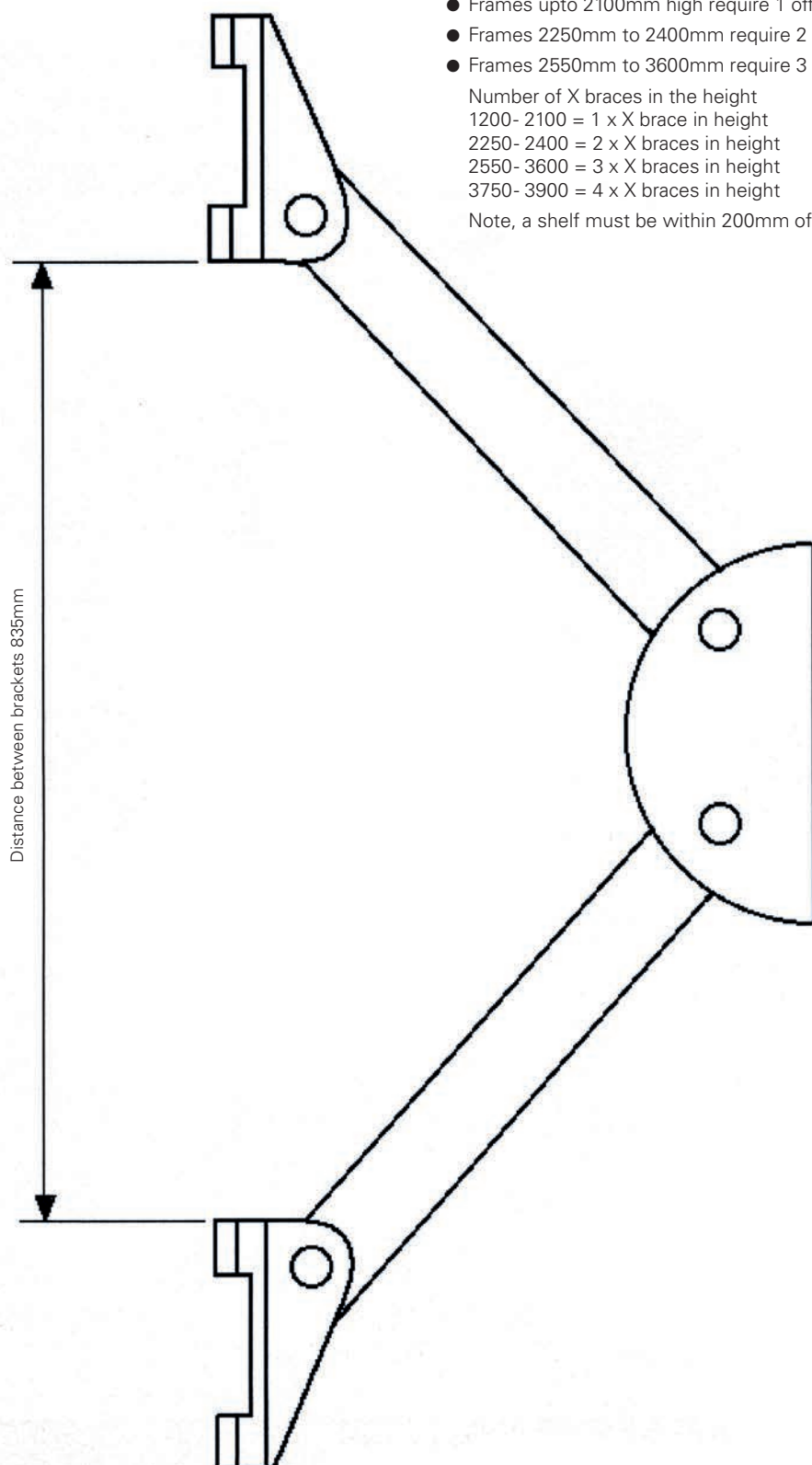
Setting Dimension for Rear Cross Bracing

- Frames upto 2100mm high require 1 off rear cross bracing installed centrally in the height.
- Frames 2250mm to 2400mm require 2 off rear cross bracings to be equally spaced in the height.
- Frames 2550mm to 3600mm require 3 off rear cross bracings to be equally spaced in the height.

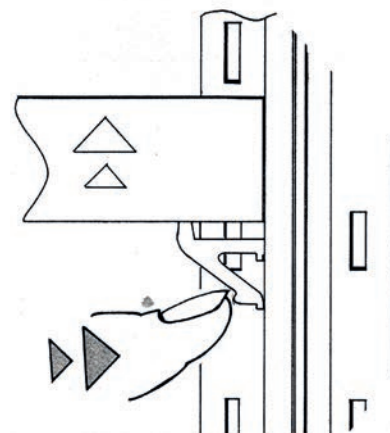
Number of X braces in the height
 1200- 2100 = 1 x X brace in height
 2250- 2400 = 2 x X braces in height
 2550- 3600 = 3 x X braces in height
 3750- 3900 = 4 x X braces in height

Note, a shelf must be within 200mm of where the bracing strap joins the frame. See fig C

If in DOUBT contact contact your SUPPLIER.



TO REMOVE SHELVES FROM BAYS



1. If installed in bay, slacken any rear bracing (2 turns of the centre bolt)
2. Retain clip with thumb
3. Lift shelf to release
4. Remove both clips on one side.
5. Lower shelf and lift off clips on the other side.

Note: Illustrations not to scale.

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