

Stockrax Standard Duty Shelving Bay

Guide to assembly



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

Rubber faced mallet and Broad blade screwdriver.



Assess for floor fixing

Tall, narrow bays may require this to ensure stability. See last page for details.



Dispose of packaging materials responsibly.



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 SUITABLE EQUIPMENT 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.

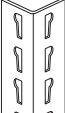
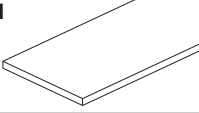
ENSURE THAT THE MAXIMUM LOAD CARRYING CAPACITIES ARE NOT EXCEEDED.

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



Component check list

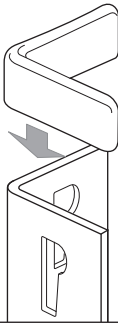
Standard Duty Shelving Bay

Component	Quantity	Component	Quantity
Uprights standard duty 	4 per bay	Upright Top Cap (where supplied) 	4 per bay
'J' Beams short 	2 per shelf level	Wire Beam Tie (1200/1500mm beam only) 	1 per shelf
'J' Beams long 	2 per shelf level	Chipboard Shelves 	1 per shelf
Steel Foot Plate with nut & bolt 	4 per bay		

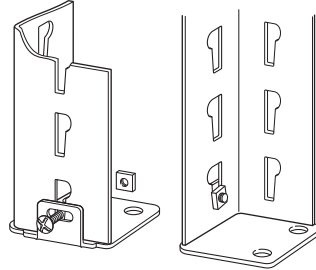
Assembly - standard duty bays

- 1** Locate upright top caps (x4), where supplied.

Ensure that the uprights have the "P" shaped slot in the correct orientation.

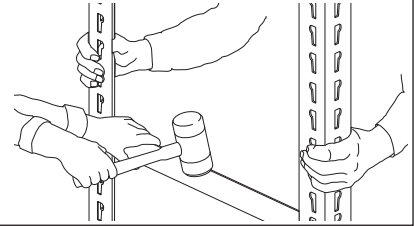


- 2** Bolt foot plates to uprights (x4).



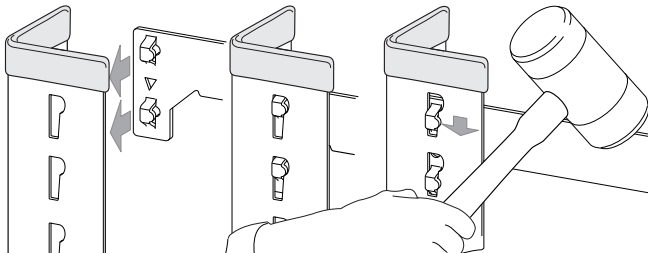
- 3** Assemble first side frame.

Locate first (middle shelf) side beam at the height required.

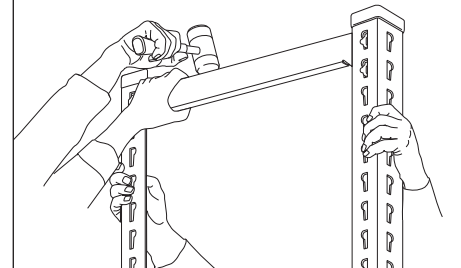


- 3a** Clip lugs at the ends of the beam into the 'P' slots in the upright. Press down, then tap into place ensuring lugs are fully located to the base of the slots.

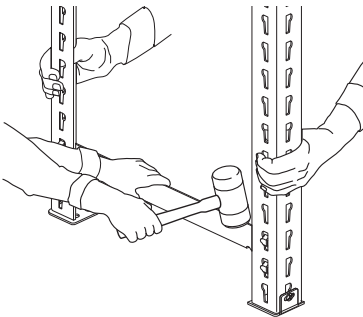
Beams have a downward pointing triangular slot between the two lugs, indicating direction for the correct location of beams.



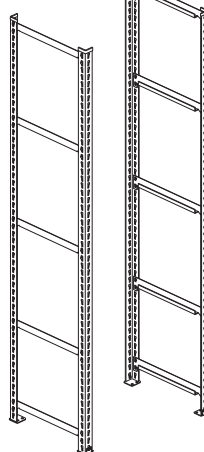
- 4** Locate top side beam, position at highest shelf position required.



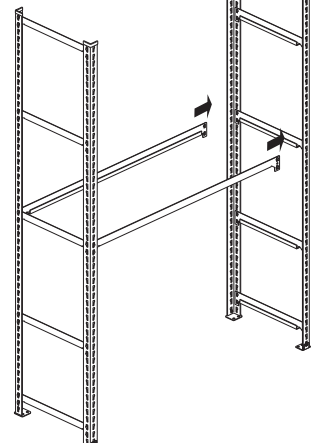
- 5** Locate base side beam, for the lowest shelf position, within 200mm of the floor (if exceeded, floor fixing rules apply - see over). Locate remaining beams at the intermediate shelf positions required, with vertical spacing (pitch) between beams not exceeding 500mm for max bay stability load.



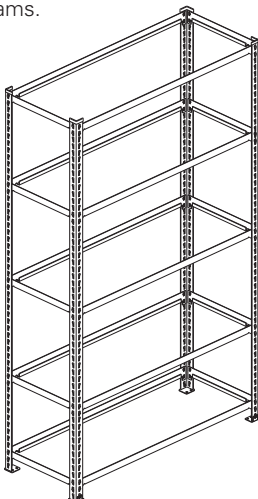
- 6** Assemble second side frame, with matching shelf/side beam positions.



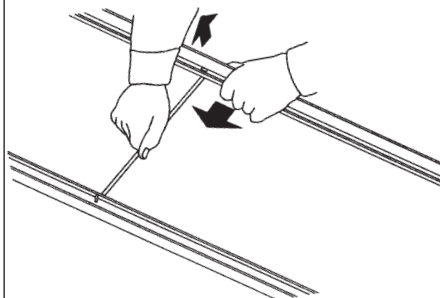
- 7** Locate mid-shelf beams to first side frame, then locate to second frame.



- 8** Locate remaining pairs of front & rear beams.



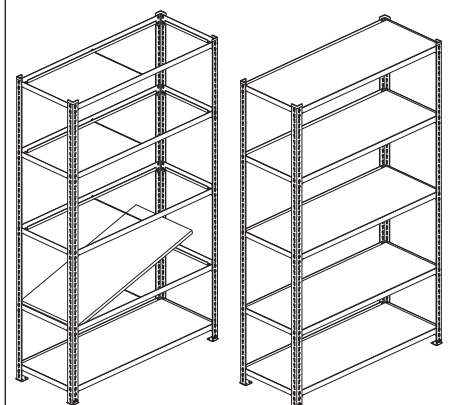
- 9** For Beams of 1200mm & 1500mm length:
Hook wire tie through both holes at the centre of the beams.



NOTE: It is recommended that shelving bay/s are moved to the required location at this stage, before shelves are fitted.

- 10** Fit the chipboard shelves to complete the bay.

CAUTION: Take care to avoid finger traps when locating shelves.

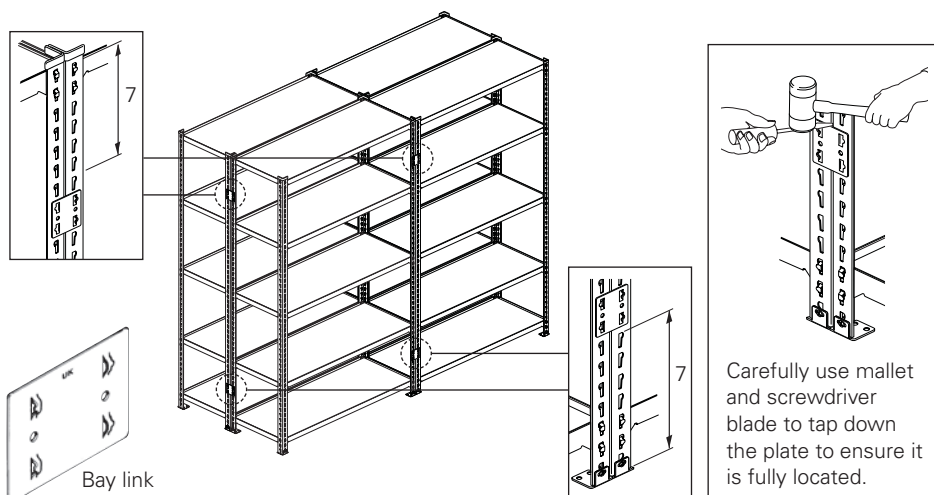


Note: Illustrations not to scale.

Bay connection - for runs of shelving bays

Where runs of adjacent shelving bays in single, or double-sided 'island' situations are required, it is recommended that Bay Link/Connector Plates are used to join the bays. Available separately (Part Number SXSRLGU) these plates connect adjacent shelving bays at side to side and back to back. Two plates are used to connect each pair of adjacent uprights, the first clipped into place with 7 slots from the top, the second with 7 slots from the base.

NOTE: to make fitting easier, link plates should be located before shelves are in place.



Floor fixing

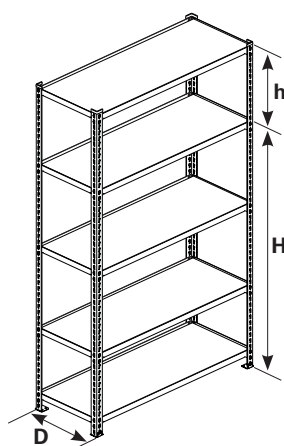
In certain situations shelving may need to be fixed down to the floor to provide additional stability. This applies to tall, shallow bays where the height (taken as the distance from the floor to the highest loaded shelf) to the depth of the shelving exceeds a ratio of 4:1.

Floor fixing into solid floors is achieved by the use of special fixing bolts, passing through the foot plates and into pre-drilled holes in the floor.

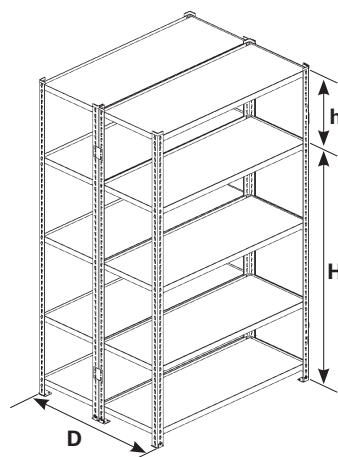
It is recommended that shelving is fixed down to the floor where:

- The height from the floor to the lowest (base) shelf is greater than 200mm.
- Stock rotation is frequent, with shelves regularly loaded and unloaded.
- High level shelves are regularly near or fully loaded.

If in doubt, contact the supplier.



Height to depth ratio - Single-Sided Bays/Runs



Height to depth ratio - Double-Sided Bays/Runs

D = depth

H = height, floor to highest loaded shelf, with top shelf used as a dust cover, unladen.

h = height, floor to highest loaded shelf, with top shelf loaded.

Example:

Bay height 1980mm, depth 300mm. Shelves positioned over 1200mm will exceed the 4:1 height to depth ratio and will require floor fixing.

Note: Illustrations not to scale.