

Guide to Assembly & Usage

Galvanised Heavy Duty Shelving

i Information
If in doubt, contact the supplier

Read this Guide thoroughly before commencing assembly & retain for future reference

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

Assembly should be undertaken by two competent people

Tools – Rubber faced mallet and 7mm spanner/socket

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

! Caution
During assembly, ensure to:

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

Wear suitable protective clothing. **We recommend the use of rigger gloves when handling galvanised shelving**

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

Dispose of packaging materials responsibly

! Warning
Rules for the safe use of shelving:

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

NEVER CLIMB ON THE STRUCTURE OR STAND ON THE SHELVES

DO NOT LEAN OR SUPPORT LADDERS, STEPS, OR OTHER OBJECTS AGAINST SHELIVING

ALWAYS USE SAFETY STEPS TO REACH HIGH SHELVES

Load heavy items on the lower shelves & 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 CHART SUPPLIED FOR DETAILS



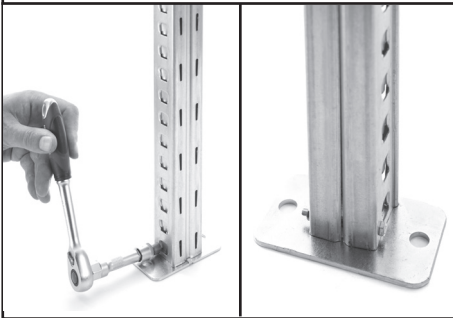
COMPONENT CHECK LIST

Component	Quantity	Code
Upright	4	GHDU**
Metal Foot	4	GHDF
Metal Foot Fixing Nut	4	GHDFN
Metal Foot Fixing Bolt	4	GHDFB
Side Beam	10	GHDB**
Steel Shelf	5	GHDS**
Steel Shelf Reinforcement Bar (optional)	5	GHDSR**
Cross Brace Attachment Clip	4	GHDCBC
Cross Brace Wire	2	GHDCBW
Cross Brace Tensioner	2	GHDCBT

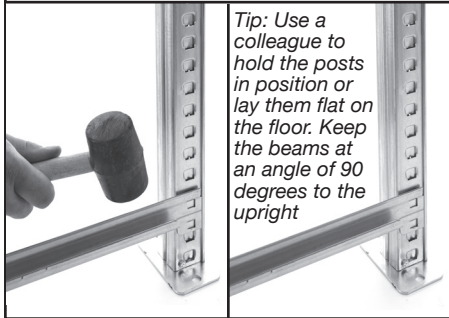
**Code will vary according to size of component
If you have any missing components please take note of the part name and code and contact your supplier

Galvanised Heavy Duty Shelving - Starter Bays

1 Fix a metal foot to the base of each upright using the nut and bolt supplied. Tighten the nut using a 7mm socket spanner



2 Insert a side beam into the slots on the uprights at the lowest required shelf position. Tap into place at both ends with a rubber mallet

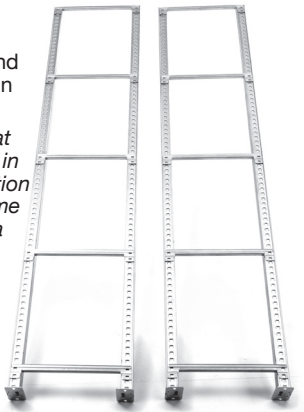


3 Repeat step 2 and add 4 more side beams at the required spacing to create a side "frame"

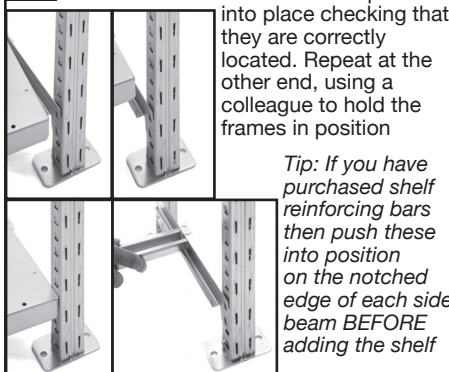


4 Create a second side frame as in steps 2 and 3

Tip: Ensure that the beams are in the same position as the first frame by using it as a template



5 Place the bottom shelf edge onto the lowest beam on one frame and push into place checking that they are correctly located. Repeat at the other end, using a colleague to hold the frames in position



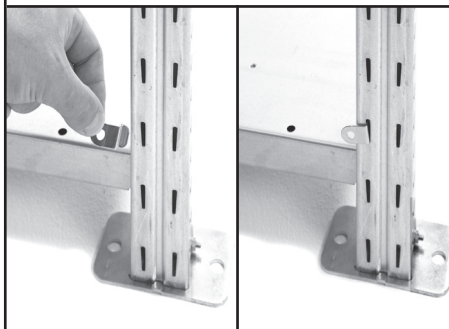
6 Add a second shelf towards the top of the bay as in step 5. The bay should now be stable enough to stand on its own



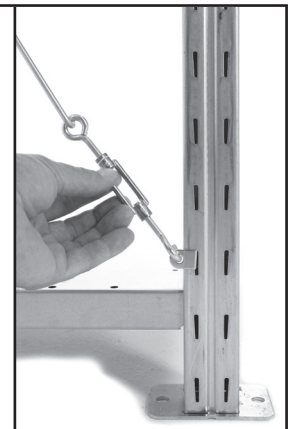
7 Add the remaining shelves at the required spacing and check to ensure the bay is square



8 On the back of the shelving bay, insert a cross brace clip in the 3rd slot from the bottom on each upright



9 Hook on a tensioner to the cross brace clip on one side. Attach the cross brace wire to the other end and unscrew the tensioner to the maximum length



10 Insert another cross brace clip into a corresponding slot diagonally opposite and hook on the other end of the cross brace wire. Tighten the tensioner until the wire is taught. Repeat for the opposite side ensuring both tensioners are equal

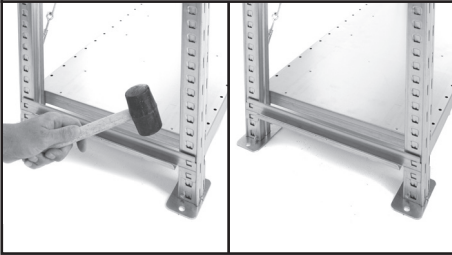


11 The starter bay is now complete. Position the bay in the required location before joining extension bays



Galvanised Heavy Duty Shelving - Extension Bays

12 On the side of the starter bay, insert a side beam into the slots on the uprights at the lowest required shelf position. Tap into place at both ends with a rubber mallet. Repeat for the remaining number of levels required



13 Build another frame with side beams at the same shelf levels. See steps 1 to 3 for details



14 Place the bottom shelf edge onto the lowest beam on one frame and push into place checking that they are correctly located. Repeat at the other end, using a colleague to hold the frames in position. See step 5 for details



15 Add the remaining shelves to complete the extension bay. Additional cross braces are only required every 4th bay in a run



Loading information

Galvanised Heavy Duty Shelving

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

- Maximum post height = 3000mm
- Maximum height of first shelf is 200mm from the floor
- Maximum space between two shelves is 500mm
- Single starter and extension bays with a minimum of 5 levels per bay
- Similar distances (height) between levels
- Shelving is positioned on a level floor

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

Bay Load Capacities

The maximum bay load permitted is 3000kgs. However, this is dependant on the maximum shelf load capacities as detailed below.

Shelf load capacities

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

Shelf width mm	Shelf depth mm	Shelf Capacity (kg UDL)
1000	400	330
	500	310
	600	310
	700	280
	800	250
1250	400	225
	500	235
	600	280
	700	240
	800	210
1000mm Shelf reinforcing bar increases capacity by		20
1250mm Shelf reinforcing bar increases capacity by		30

Capacities are common for all standard shelf depths

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