

Instruction Leaflet Longspan Heavy Duty Storage System

RS stock nos. 230-829, 230-835, 230-841, 230-857, 230-863, 230-879
230-885, 230-891, & 230-908

Designed and manufactured to the highest international standards the RS Modular Longspan Storage System offers reliability, strength and durability. Made from a high quality steel, the boxed heavy duty beams and endframes form a sound structure for the pre-galvanised steel shelf panels that will support the products.

Assembly Instructions

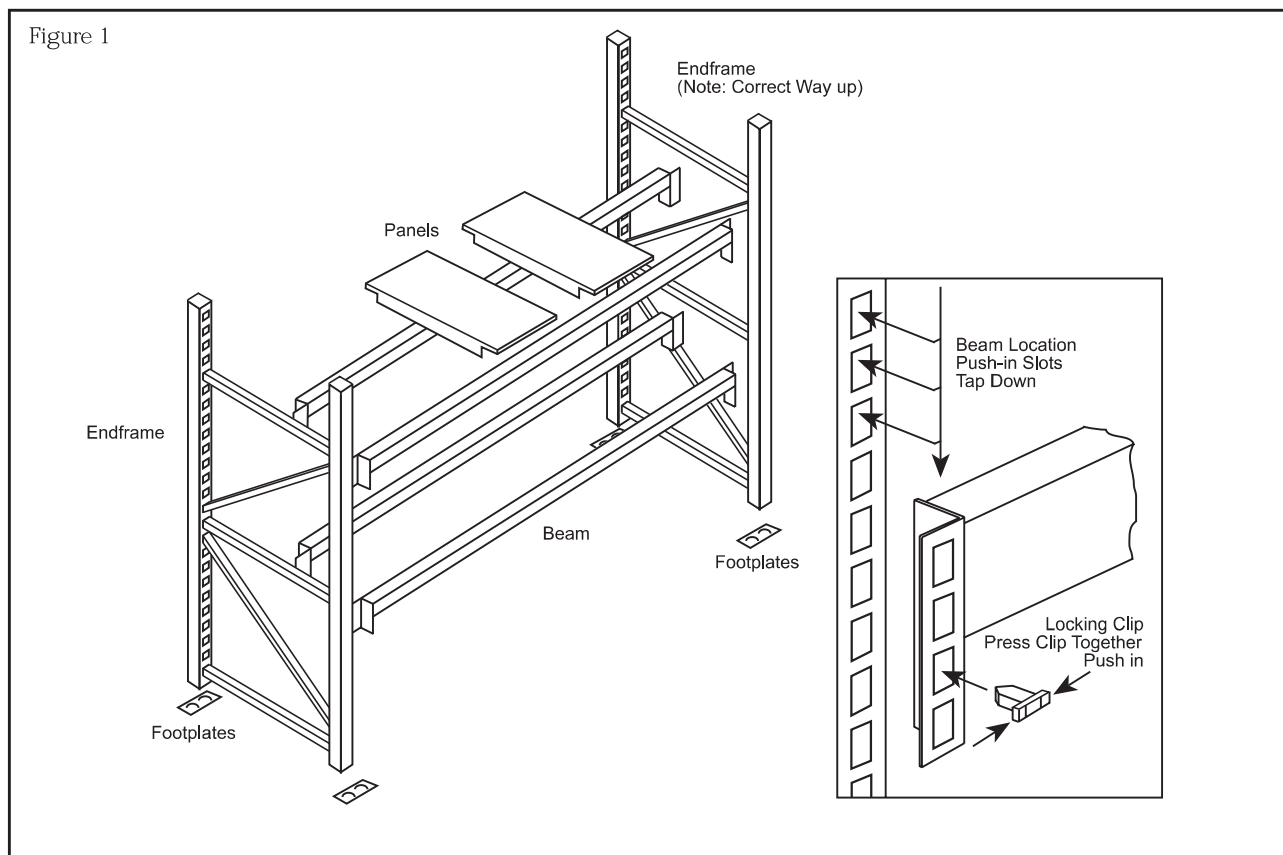
General Notes

1. Powder coated products are intended for installation in a dry atmosphere on a sound and level floor.
2. Frames must be vertical and parallel to each other whilst beams are fitted.
3. Both ends of the beams must be fitted simultaneously in order to avoid straining the connector tongues.
4. The structure must be supported until sufficient pairs of beams have been fitted to make it self supporting.
5. Beam Connector Locks must be fitted to both ends of all beams. (Beam Connector Locks included with the beams).

RS Longspan Product Range

	RS stock no.
1.8m Endframe	
600mm Depth Endframe	230-829
900mm Depth Endframe	230-835
2.1m Endframe	
600mm Depth Endframe	230-841
900mm Depth Endframe	230-857
Beams	
1.8m Heavy Duty Beam	250-863
2.4m Heavy Duty Beam	230-879
Galvanised Heavy Duty Shelves	
600mm deep shelves	230-885
900mm deep shelves	230-891
Footplates	230-908

Figure 1



Unit Assembly

1. Unpack components and identify individual types.
2. Check component quantities against order requirements.
3. Build one bay at a time.
4. Select a pair of Endframes.

Note: Please ensure they are both the same height and depth. 1.8m and 2.1m heights available, 600mm and 900mm depths available.
5. Ensure the Endframes are the correct way up before fitting the footplates (**RS** stock No. 230-908). These are simply pressed into place with the protruding metal stays fitting inside the frame.
6. Clip the first two beams into place as shown in Fig.1. Push the beam end into the slots located on the inside of the endframe. Once in place secure by then pushing the beam down until locked. For extra security insert the locking clip by pressing the clip into the hole provided and then releasing. The clip provides a secure lock for the beam/frame location and must be inserted.

Note: The **RS** Longspan system must have at least 2 pairs of beams per bay up to 2.1metres high.

7. Galvanised steel panels of the appropriate depth to the endframes can then be slotted between the beams as shown in the diagram.
8. This systems can then be added to easily by the addition of extra beams and frames as appropriate. Heights of up to 12 metres can be achieved with this system and an infinite number of bays added as appropriate.
9. Uniformly Distributed Safe Working Loads (UDSWL).
 - 1.8m long beams with panels UDSWL - 815kgs per level.
 - 2.4m long beams with panels UDSWL - 472kgs per level.

The loads shown are based on a minimum of 2 pairs of beams per bay with the 1st beam level not exceeding 1500mm from floor level, and a maximum of 6 pairs of beams per bay with the 1st beam level not exceeding 600mm from the floor.

The information provided in **RS** technical literature is believed to be accurate and reliable; however, **RS Components** assumes no responsibility for inaccuracies or omissions, or for the use of this information, and all use of such information shall be entirely at the user's own risk. No responsibility is assumed by **RS Components** for any infringements of patents or other rights of third parties which may result from its use. Specifications shown in **RS Components** technical literature are subject to change without notice.
