

Assembly Instructions to build a StairDeck tower on a stairway.



1. COMPONENTS

The basic STAIRDECK tower comprises of just 18 parts.

When all these components are assembled, they will make a tower with a maximum platform height of 3.8mt. from the lowest stair tread.

2. INSERTING FOOTPLATES

Footplates are attached to the threaded adjustable legs. Insert these legs into both upright tubes of one of the **stair frames**. Push them each home until the end of the tube meets the adjusting ring.



Continue by inserting the remaining **footplates** into the upright tubes of the second **stair frame**.



3. PLACING THE FIRST STAIR FRAME

Carry one of the **stair frames** (with footplates) to an upper position on the stairway and place it vertically. When you are satisfied that you can leave this **stair frame** standing upright with little chance of it falling over (preferably with an assistant), then proceed to collect a **diagonal brace** tube.

4. PLACING THE LOWER DIAGONAL BRACE

Attach the locating hook of the **diagonal brace** to the centre point of the lowest rung of the **stair frame**. (Note: This will allow a platform to be placed over it when working at the lowest position) Carefully rest it pointing downwards on top of the descending stair treads.



5. PLACING THE HORIZONTAL BRACE

Similarly, collect a **horizontal brace** and attach a locating hook to the right hand end of the same rung. Rest this brace downwards in a similar fashion, ensuring that the upright frame does not topple forward.



6. PLACING THE SECOND STAIR FRAME

Carry the other **stair frame** complete with foot plates to the stairway. Hold this vertically and place it on an appropriate lower stair tread, adjacent to the other **stair frame**, but about 1.5 mt. apart.

7. CONNECTING THE STAIR FRAMES

Carefully lift the **horizontal brace** (whilst supporting both frames) and connect it to the right hand end of the upper rung on the **stair frame**. This should set the frames apart at the correct distance. Some adjustment may be needed to position the footplates so that they do not overhang the stair treads.



Then with one hand, stabilise all the upright frames (both now connected with a **horizontal brace**) and carefully connect the **diagonal brace** to the centre of the lower frame. The completed assembly should now be rigid enough to be self-supporting.



8. CONNECTING THE UPPER STAIR FRAME

You will probably be inside the tower at this point and you will need to release the inner ladder frame to exit. Gripping the uprights of the stair frame firmly, place your foot on the lower rung and pull the ladder section upwards and outwards so that you can climb through onto the stairway below.



Carry the **6 rung upper frame** vertically to the lower stair frame and place the 2 upright tubes over the connecting spigots locking both together using the clips provided.



9. FITTING THE CROSS BRACE AND HATCH PLATFORM

Collect the other **diagonal brace** and **hatch platform** and carry it through to the inside of the tower. Climb the stairway to a height that will enable you to connect one end of the **diagonal brace** to the left hand end of the bottom rung of the top **stair frame**. Climb the opposite **frames** and connect the other end of the brace to the left hand end of a rung that is one below the topmost.

Always climb on the inside of the tower frames.

The **horizontal brace** can be kept in place whilst the platform is attached (except when the platform is fitted on the same rungs ie. the lowest position). Lift the **hatch platform** first vertically (with the facing board away from your body and the hatch towards the top) and then turn it horizontally over your head.



Gently lower the 2 locating lugs of the platform onto the top rung of the **6 rung upper frame**, and the other 2 lugs onto the same rung as the **diagonal brace** that has just been fitted (the flush edge of the platform should be adjacent to the brace lug).

10. LEVELLING, & FITTING THE GUARD FRAMES.

At this stage it would be a good opportunity to check and adjust the platform level. *It is important that the footplates locate entirely on the stair tread and do not overhang.*



On the underside of the platform, there is a small spirit level. Using the screwed rings, adjust the **footplates** to bring the platform to the best horizontal position, making sure that the whole tower feels stable by adjusting out any play.