



Q Continuation Tiering Instructions

Stage Systems, Prince William Road, Loughborough, LE11 5GU.

www.stagesystems.co.uk

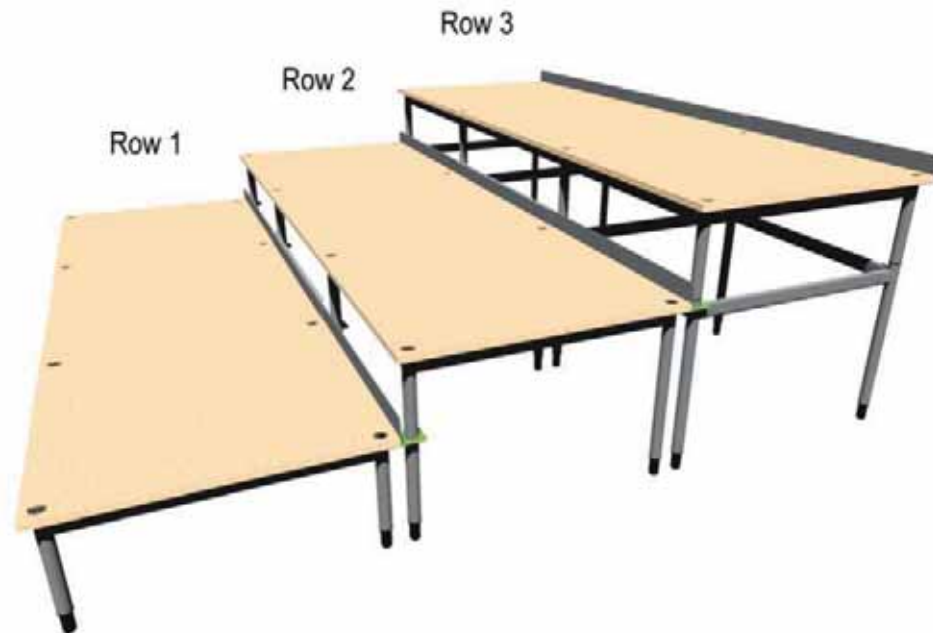
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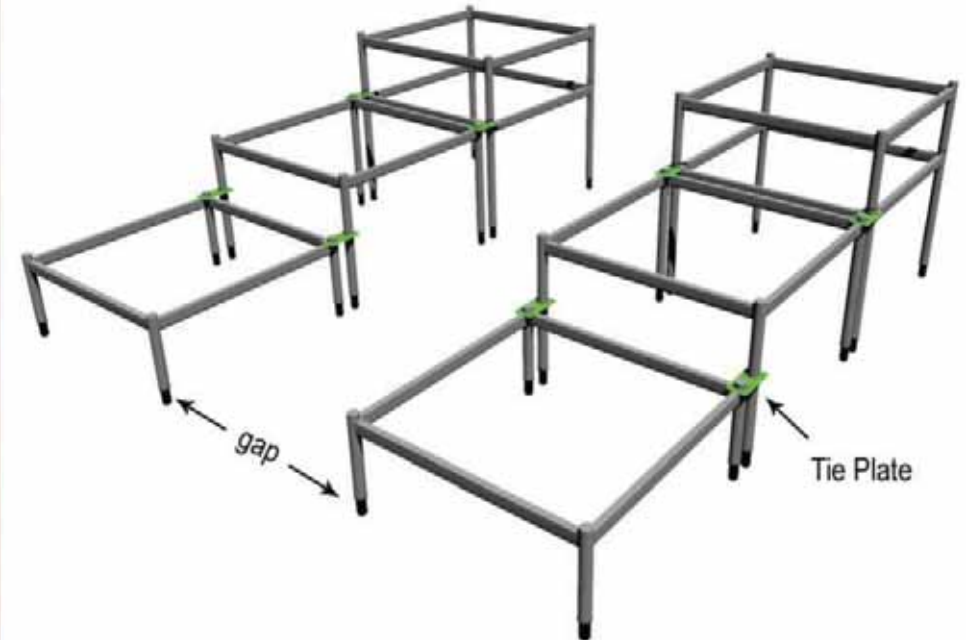
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First, check the starting location of row one. It is vital you know how far back the layout will extend.

Frames are connected front to back with tie plates. The sequence depends upon the nature of the tier (rise per row or rows) and the frame sizes being used. A typical set up may use a 300mm (height) frame at the front (row one). Row two may have a 500mm frame located behind this and typically row three will be connected as shown having a 300mm frame stacked on to a 500mm frame.



Set out two columns of frames, as shown, leaving gaps for either single or double bridge/decks.

Position tie plates between rows. Construct the second row by sliding the legs through the tie plates of the row in front. Subsequent rows are built up by stacking frames on top of one another until the tiering is complete. (See diagram).



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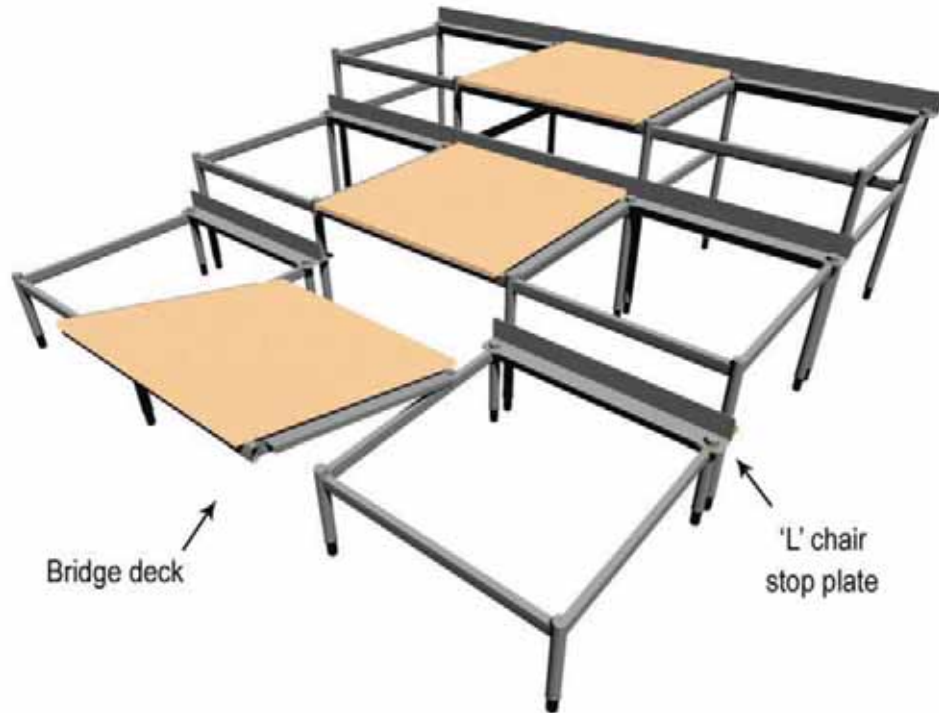
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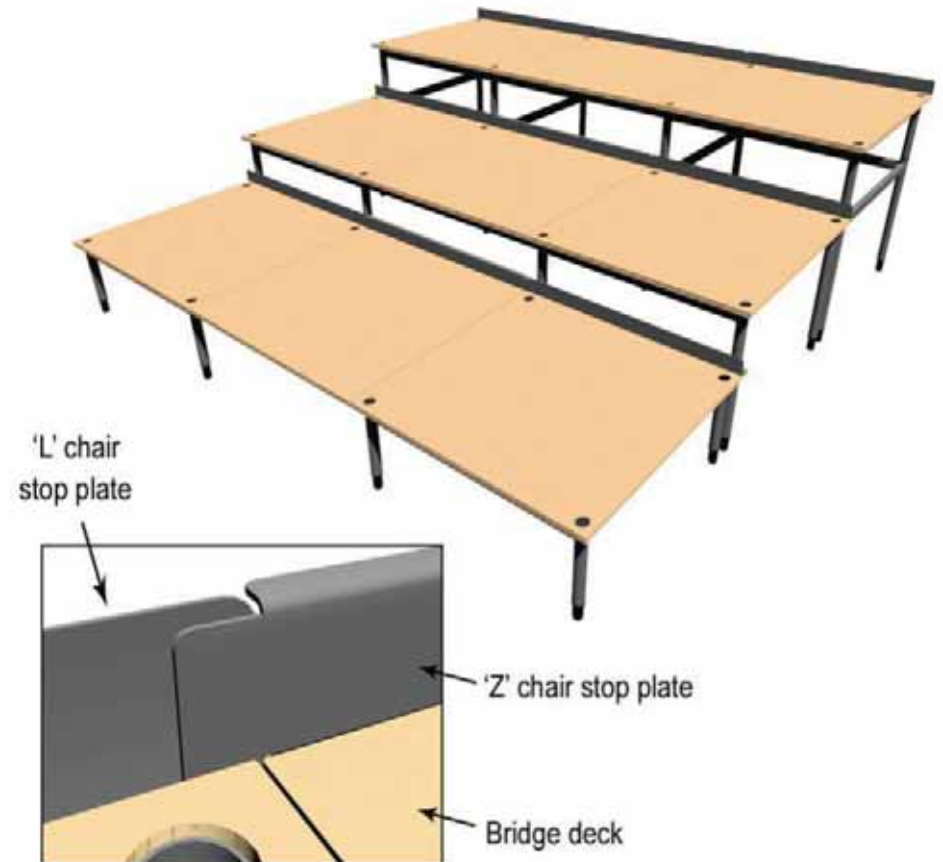
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If chair stop plates are being used the 'L' shaped chair stop plates must be put in position on top of the rear rail of the frame prior to the bridge decks and decks being added to the tiering block.

Locate the bridge deck between the two frames of the same row and hook over the rails of the frames. Once all the bridge decks for that row have been hooked on to the frames the decks can be added.

NOTE: Double bridge decks should be handled by two people.



'Z' chair stop plates are positioned to the tiering block by placing them behind the bridge deck catching the inside of the chair stop plates to either side of the 'Z' chair stop plate. The lipping on one of the edges of the 'Z' chair stop plate must be hooked under the bridge deck

Repeat the deck and bridge decks build sequence for all rows until the tiering block has been completely built.



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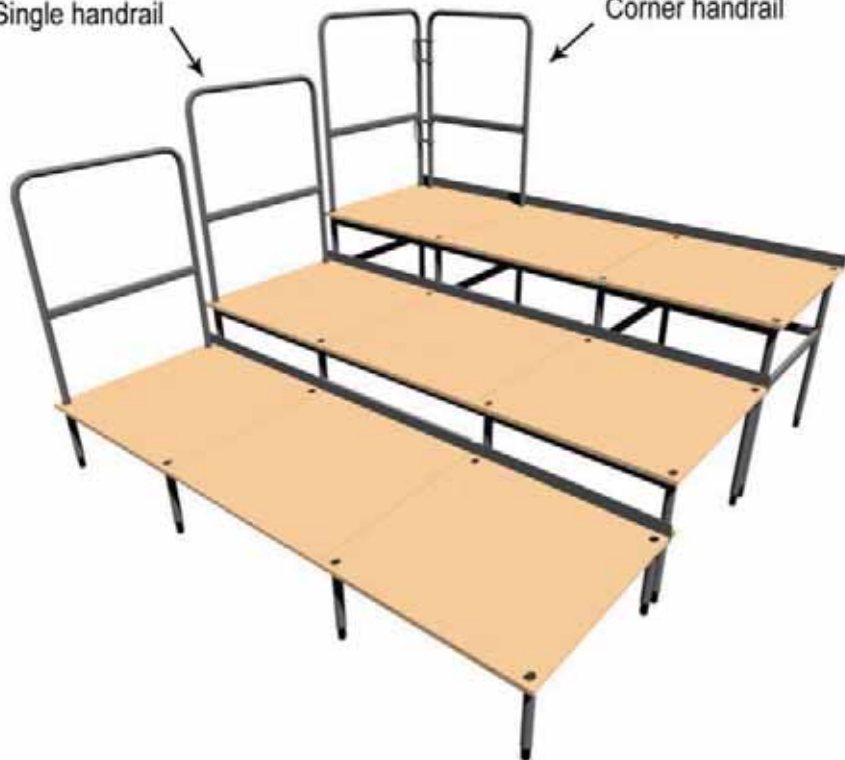
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Single handrail

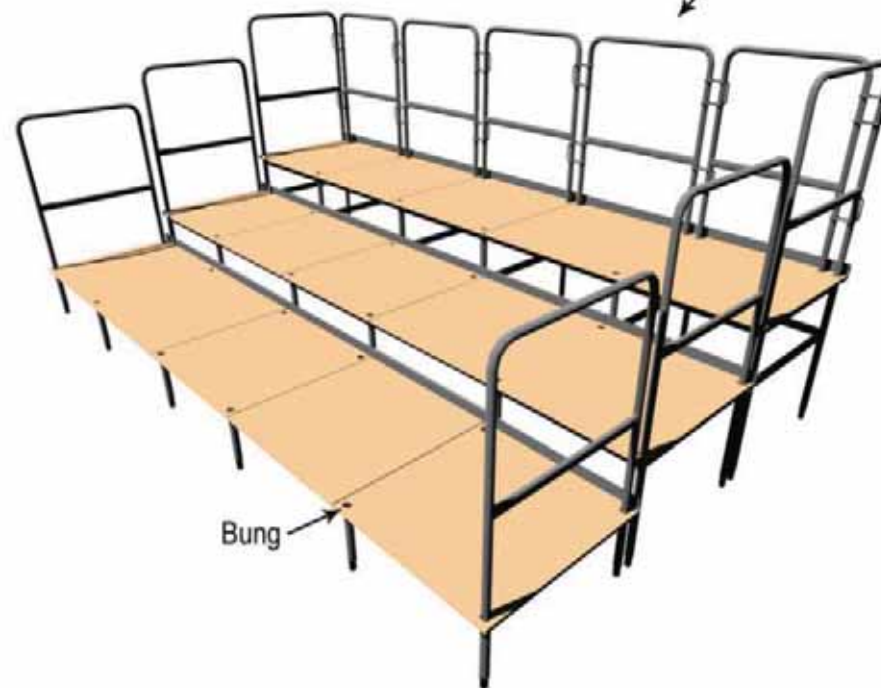
Corner handrail



Locate 'single' handrails up the side of the tiering block by inserting the handrails through the holes in the decks in to the top of the frames below. Push the handrails down until they have dropped fully into the frames.

On the back corners use a 'corner' handrail at the rear of the block with the wire loops pointing away from the middle of the tiering block then add a 'single' handrail to the side of the rear unit ensuring that the wire loops from the 'corner' handrail link to the 'single' handrail.

Interspace
handrail



Once handrails to both sides and corners of the tiering block have been built up finish the build with handrails to the rear of the block. Insert 'single' handrails into the rear holes of all frames.

Use 'interspace' handrails (the handrails with double wire loops top both sides) over the bridge decks to link the 'single' handrails. This is done by sliding the 'interspace' handrails down between the single handrails.

Finish the tiering block by adding bungs into any exposed lops of frames.



Care and Storage Instructions

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Deck panels are made from BB quality 18mm birch plywood, coated in a UV dried acrylic lacquer. This is stain resistant and gives a hard wearing slip resistant finish.

Deck panels can be cleaned with a damp cloth and weak soapy water. Do not use an abrasive or solvent cleaner or soak decks. Decks should be stored dry and flat in a non-humid environment away from heat and direct sunlight.

Whilst decks can be used out of doors they should not be left outside and after use should be dried before being stored.



The frames are made from steel tube. The standard finishes are yellow passivated, bright zinc plate or a hard wearing graphite powder coating.

If they have been badly mishandled, it is possible that frames might "lozenge" and so will not fit with other frames or decks. To remedy this, measure across the diagonal and use a little pressure across the longer diagonal until this returns the frame to square.



The decks should be stacked on the dolly as shown in the diagram. Decks should always be stored horizontally.

Do not thread the deck over the legs of the dolly as this can cause damage around the holes.

Please note: Although the dolly may be delivered with the decks threaded over the dolly legs this is purely for stability during transportation. The decks should be removed very carefully and dolly should be re-stacked correctly after the first use.

STORAGE

Equipment (both frames and decks) can be used outdoors in all weather. However they should always be stored in a well ventilated, dry environment. Care should be taken to ensure the equipment is dried after use and it should never be stored in a wet or damp condition.

The plate finish on the yellow passivate frames is corrosion resistant but will erode and rust eventually if stored incorrectly.

SAFETY

Ensure the castors are kept tightly bolted into the dolly frame. (A 17mm or 19mm ring spanner will fit, dependent upon the type of castor supplied). Check tightness whenever dolly is empty. This is especially important if equipment is regularly wheeled over uneven surfaces.



Standard storage dollies and trolleys should be used if purchased. Position the decks to the bottom of the spiral in order to keep the centre of gravity low (see above left). If this causes access problems, keep a few decks you might need towards the top, or stack decks then frames in small numbers alternately (see above right).

You will find that stacking frames with the legs down will minimise stack heights, but it is easier to stack and remove frames stored with the legs up.

Note: The maximum storage capacity per dolly depends upon a number of factors including size of frame, number of bridge decks, combination of decks to frames etc.