

Checklist

- Inspect components prior to erection
- Inspection of Tower report prior to use
- Tower upright and level
- Castors locked/legs correctly adjusted
- Guardrails fitted
- Diagonal braces fitted
- Stabilisers/outriggers fitted as specified
- Platforms located and windlocks on
- Toeboards located

Refer to this checklist before using each time.

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USER GUIDE

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MOBILE ALUMINIUM TOWER 1450/850 Ladderspan 3T - THROUGH THE TRAPDOOR METHOD

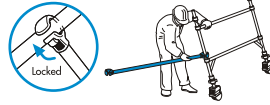
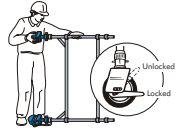


Assembly Procedure 1450 Tower

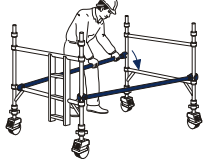
When building to an even tower height (2m/4m/6m) - START WITH A 2 RUNG FRAME. Always start with the smallest frame. For odd tower heights (3m/5m/7m) always START WITH A 4 RUNG FRAME.

Caspian recommend two persons are used to build Aluminium Scaffold Towers. Above 4m height it is essential that at least two persons are used. Only climb the tower from the inside.

- 1 Push castor onto adjustable leg. Insert adjustable leg/castor assemblies into 2 rung span frame. Base plates can be fitted to adjustable leg if static.
- 2 Clip horizontal brace (red) onto side of span frame, facing claws outwards. Frame will now be self supporting. Note: All locking claws should be primed before use, and released for dismantling or relocation.



- 3 Position ladder frame as shown. Clip other end of horizontal brace onto frame rung to square the tower.



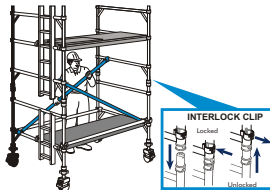
- 5 Locate stabilisers. Climb ladder and, from a protected trapdoor position, secure guardrails on the 5th and 6th rungs, in that order, on both sides of the platform. **Do not climb onto the platform until fully guarded.** Guardrails should be 0.5m and 1.0m (1 and 2 rungs) above platform in all cases.



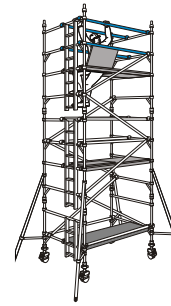
- 7 If finishing at this height, the fixed platform should firstly be repositioned to the 8th rung and moved across to the opposite face of the tower. Locate trapdoor platform alongside. This is the 4m platform level. Climb ladder and, from a protected trapdoor position, fix guardrails on 9th and 10th rungs, in that order, on both sides of the tower. Add diagonal braces. Complete tower assembly by following stage 9.



- 4 Add 4 rung frames and clip on diagonals (blue) onto lowest rungs in opposing directions. Place fixed deck on lowest rung. Locate trapdoor deck on 4th rung (2.0m) on ladder side. Ensure tower is correctly aligned by using a spirit level and altering the adjustable legs.
- 6 Locate next diagonal braces. Add next lift of 4 rung frames.

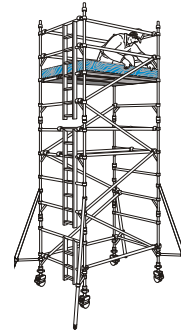


- 8 When building beyond a 4m platform height. Continue with stages 5 and 6 until required working height is reached, then follow steps shown in stage 7.



Assembly Procedure 1450 Tower

- 9 Fit toeboards to all working platforms (see instructions to right). The tower is now complete.



Assembly Procedure 850 Tower

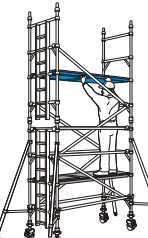
The procedure for the full width and narrow width towers is the same. This procedure shows the start with the 4 rung frames, illustrating the method required for odd (e.g. 3m, 5m, 7m etc.) platform heights.

Follow steps 1, 2 and 3 of the 1450 assembly using 850 wide frames. All platforms are trapdoor.

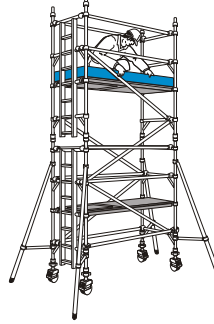
- 4 Locate 1st platform on 2nd rung. Fix temporary guardrails on both sides.
- 5 Add diagonal braces. Position next lift of frames. Add stabilisers.



- 6 Add diagonal braces and locate trapdoor platform on rung 6.



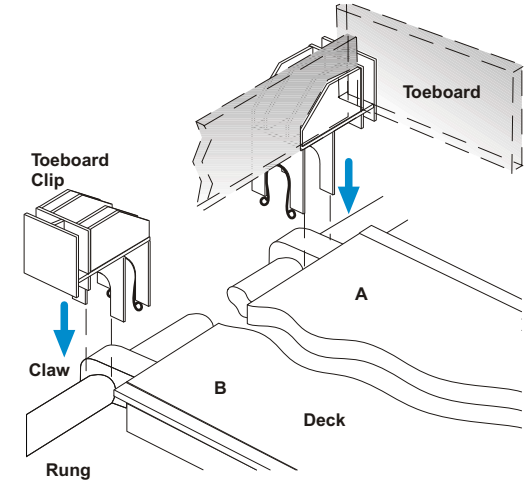
- 6 Complete tower with diagonal bracing and toeboards.



Toeboards

Fitting Toeboards

Lock yellow plastic toeboard clips over rung and deck claw as shown. Position as (A) on right hand deck claw. On other side of working platform position as (B). Place 25mm thick toeboards into slots in toeboard as shown.

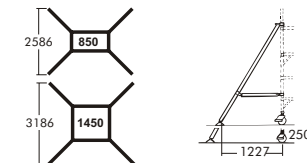


Stability

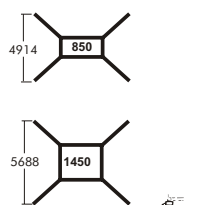
Stabilisers.

Stabilisers must be used when the tower is to be moved occasionally, more frequent movement will require outriggers. Attach one stabiliser to each corner of the tower at approx. 45 degrees. Secure top clamp below castings, bottom clamp as low as possible. If clamp is obstructed, release and move. Ensure clamps are rigidly fixed to limit movement. With SP10 and SP15 stabilisers, extend telescopic leg until in contact with ground. When moving check for obstructions and lock feet about 25mm off the ground, unlock castors, and move. After moving, check all castors are in ground contact and lock stabiliser feet.

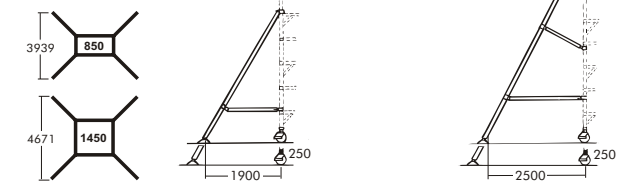
SP7



SP15



SP10



Outriggers.

For information on mobile outriggers please consult your supplier.