



1. If legs required fit with base plates and insert into frames. Or base plates directly into frames.

2. Fit opposite guardrail brace frame and level unit using adjustable legs.

3. Access is through end ladder.

4. Fit next frame on one end

5. Fit opposite frame and locate the platform on rung shown.

6. From a sitting position fit the handrail frames



7. Ensure all clamps are locked.

8. Fit next upper frames on to base frames and ensure clips are located in spigot holes.

9. Fit next platform on 8th rung of frame above platform.

10. Fit next frames and lock clips, fit brace frames.

11. Continue to build in same manner until required platform height is reached then fit toeboard, guardrail frames and braces before commencing work. Using the 3T method.



SPECIAL NOTES :- To stabilise unit fit stabilisers as shown and/or wall braces. Fit these as the unit is being erected.

The 3T method means 'Through The Trapdoor' as illustrated in item 10.

IF IN DOUBT, DO NOT GUESS CONSULT YOUR SUPPLIER.

CITY HIRE NARROW TOWER ASSEMBLY GUIDE

BEFORE ERECTING TOWER

SAFETY NOTES

- 1) Ensure that the instruction guide has been read and understood by anyone using the equipment. If in doubt contact your supplier. Towers should only be erected by a competent person.
- 2) All components should be checked for damage. Do not use damaged or incompatible equipment. Make sure you have the correct amount. Quantities and types of components are listed in the Tower Breakdown.
- 3) Check ground conditions before erecting tower. It should be firm and free from obstructions.
- 4) Be careful not to infringe local bylaws when erecting towers in public places and that warning signs are fitted if required by law.
- 5) Never erect a tower where it might come into contact with unprotected cables, unguarded machinery, acids or similar corrosive substances which could be harmful to aluminium.

WHILST ERECTING TOWER

- 1) Check that you have all the components as regards quantities and types listed in the tower breakdown in this leaflet for the height of tower you are erecting.
- 2) If the height of the tower is greater than that shown on the breakdown, consult your supplier as to how towers should be tied into a building or rigid structure.
- 3) Ground conditions must be taken into account. On soft ground a suitable base must be provided (e.g. scaffold boards)
- 4) Make sure the tower is level and vertical.
- 5) Stabilisers must be fitted where specified and be fitted and used correctly.
- 6) Use a temporary platform and horizontal brace to work from as you erect the tower.
- 7) The safe working load of platforms in this tower depends on the platform length and is shown overleaf. All loads must be evenly distributed. The maximum safe working load of the tower deck area for a double width tower is 275 Kg. For single width towers do not exceed the safe working load of the individual platforms shown overleaf.
- 8) The Construction, Health, Safety & Welfare Regulations (1996) state that the guardrail heights should be 1000mm and an intermediate guard rail must be fitted so that there is a gap no larger than 470mm on any working or access platform located at 2m and higher above ground level. It is strongly advised that guard rails are fitted to all towers even when the platforms are fitted below 2m, particularly where there is a risk of falls.

WHILST USING THE TOWER

- 1) Do not exceed the safe working load of the tower (750Kg including the self weight of the tower)
- 2) Make sure a safe means of access is available and in place.
- 3) Make sure the castors are locked, and the tower is both level and vertical.
- 4) Beware of high wind conditions. Cease working on a tower if winds exceed 7.7 metres per second (17mph). Tie the tower to a rigid structure where winds exceed 11.3 m/sec (25mph). If the wind is likely to reach gale force, over 18 m/sec (40mph) the tower should be dismantled. If unsure about the wind conditions consult your supplier.
- 5) If tower is left unattended it must be secured against unauthorised usage or adverse wind conditions.
- 6) Do not lean ladders up against the tower. Use only recommended ladder access. Never allow ladders to rest on floor.
- 7) Do not under any circumstances extend the adjustable legs to gain extra height. These are for levelling the tower only.
- 8) Do not use steps ladders or boxes, etc. to gain additional height.
- 9) For linked towers or special applications, do not take chances. Consult your supplier.
- 10) Limit the horizontal force on the tower to 20Kg (44lb) on free standing tower (eg power tools).
- 11) If the tower is moved, the following procedure must be observed:-

Before moving

- a) Make sure the tower is within recommended height to base ratios for moving (ie no greater than 2.5 times the smallest base dimension or 6m overall height. Dismantle to correct height if necessary.
- b) Do not under any circumstances attempt to move the tower with any leg extended by more than 100mm.
- c) When moving the tower, do not remove the stabilisers which should continue to be deployed at all times with the feet raised 25 mm to clear ground obstructions.
- d) Never move tower with men or materials on the platform area. Remove ties if fitted.
- e) Beware of overhead hazards and make sure the route to be taken is level and free from holes and other obstructions
- f) Push manually at base only.
- g) Caution should be exercised when wheeling a tower over rough, uneven or sloping ground, taking care to unlock and lock castors.

After moving tower

- a) Re-lock castors and check vertical and horizontal alignment.
 - b) Re-position stabilisers correctly and make sure they have a sound footing.
 - c) If necessary, re-tie tower to a rigid structure.
- 12) Do not suspend mobile access towers without referring to your supplier.
 - 13) A tower must be kept in good working order, therefore, a competent person should inspect the tower at least once a week to check for damage to the components and that the tower has not been altered in any way. Any parts found to be faulty or missing should be replaced. In particular welds should be inspected and any tubing with indentations greater than 5mm should be put aside for manufacturer repair. Clean and lightly lubricate adjustable legs to keep them free running.

WHEN DISMANTLING TOWER

- 1) Keep to the instructions in this guide.
- 2) Never throw equipment from the tower, always lower the equipment down to ground level by rope or hand.
- 3) Always report damaged equipment as components should be maintained in a serviceable condition.

IF IN DOUBT ABOUT ANY APPLICATION CONSULT YOUR SUPPLIER FOR ADVICE

