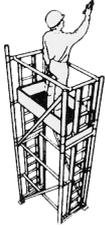




Safety Instructions

THESE INSTRUCTIONS MUST BE READ BY THE USER BEFORE ASSEMBLY AND FIRST USE OF THE TOWER.



10.6 Static & Mobile Towers

- This equipment is designed to be operated by someone with normal ability. Persons with a disability or injury must assess whether their disability, when using the equipment, will affect their health and safety and the safety of others.
- It should only be operated by someone with experience of similar equipment.
- This equipment must not be used by anyone whose competence is impaired, for example by drink or drugs.

These safety instructions apply only to proprietary lightweight steel and aluminium alloy towers and NOT to towers built from standard steel scaffolding tubes and fittings.

- 1 Static and Mobile towers must be assembled and used correctly according to the manufacturer's or owner's instructions which are available on request if required.
- 2 Lightweight steel and aluminium alloy towers should be used only for light work such as painting and decorating.
- 3 **CHECK** each unit for corrosion, cracks, broken welds, distortion and looseness of fit. All latching hooks should work properly.
- 4 **CHECK** the wheels on mobile towers to ensure that they run freely and that the brakes are effective.
- 5 **DO NOT** mix one type of component with another when constructing a tower.
- 6 Construct the tower on a firm base of concrete or similar whenever possible. When erecting on soil or wood flooring, use timber "sole plates" which should be at least 225mm (9in) wide x 38mm (1 1/2in) deep.
- 7 On uneven or sloping ground use towers with adjustable legs only. Adjust to bring the tower to the vertical to ensure stability.
- 8 **DO NOT** use the adjustable legs to extend the height of the towers.
- 9 Use the locking device or pin to prevent adjustable legs and casters from falling out of the vertical tubes.
- 10 Make a mobile tower secure before using by ensuring the wheels are pointing outwards and applying the brakes or locks.
- 11 All manufacturers specify a maximum height for their towers and this must **NEVER** be exceeded. This maximum height is normally 3 times the smallest dimension of the base when used outside a building and 3 1/2 times when used inside.
- 12 Stabilisers (which have pad feet) or outriggers (which have casters) can be used to increase the base size of a tower and therefore allow the height to be increased. Each stabiliser/outrigger must be in firm contact with the ground.
- 13 It is recommended that stabilisers should be used only with the static towers. However, if they are used on a mobile tower they should not be raised more than 12mm (1/2in) off the ground when moving the tower, or the tower should be reduced to a safe height.
- 14 If the platform is higher than its maximum free standing height or if high winds are expected then the tower platform should be rigidly connected to the building according to the manufacturer's instructions. **DO NOT** use either cord (as ties) or downpipes (as anchors).
- 15 When the tower cannot be tied into a structure, use guy ropes and ground anchors or ballast weights secured as near to the base of the tower as possible.
- 16 It is good practice to tie all towers whenever possible, particularly when they are exposed to wind, sheeted or used for water jetting, grit blasting or drilling.
- 17 **DO NOT** climb up or down the outside of a tower, it can overbalance. **ALWAYS** use the correct ladder inside the framework.
- 18 **DO NOT** place a ladder against a tower or alongside it to gain access to the platforms.
- 19 Tools and heavy loads should not be carried up vertical ladderways. Haul them up using a rope inside the tower. (An inclined ladderway will make hauling unnecessary).
- 20 Always close trap doors in a platform when work is in progress.
- 21 The working platform must be closely and fully boarded. Also, when it is 2m (6 1/2ft) or more above the ground it must be enclosed by toe boards and guardrails.
- 22 **CHECK** the boards and reject any that are split, twisted, warped, rotten or with other dangerous defects.
- 23 **DO NOT** use a ladder on the top platform to gain extra height, it can cause the tower to overturn.

- 24 **DO NOT** overload the platform. The load must not exceed manufacturers recommendations, which includes personnel, equipment and materials.
- 25 Where a tower is left incomplete, a warning notice "**TOWER INCOMPLETE DO NOT USE**" (or similar wording) should be fixed.
- 26 Before moving a mobile tower, check that there are no persons or materials on the platform. **CHECK** its path for ground obstructions, power lines, holes and soft areas. Push or pull the tower only at or near its base.
- 27 Fixed towers must only be moved by dismantling and re-erecting.
- 28 Towers must be erected and dismantled carefully. Components should be lowered to the ground and **NOT** dropped.
- 29 When towers are used on a construction site the law requires that they must be inspected weekly.
- 30 **DO NOT** attempt repairs. Contact the Hire Company.



CPA. 27/28 Newbury Street, Barbican, London EC1A 7HU

Tel: 020 7796 3366 Fax: 020 7796 3399

Email: enquiries@cpa.uk.net www.cpa.uk.net

This leaflet is one in a comprehensive series of equipment safety instructions available from the CPA