

WCF Hire - Instructions for Use

Aluminum Mobile Scaffold Tower

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General Specifications

Dimensions: 1.89mL x 0.75mW x 2.9mH (Top Working Platform Height).

Max Reaching Height: 4.9m

Maximum Safe Working Load for Platform: 200kg / m²

Safe Loading Capacity for Each Castor: 750kg

Frame: High strength aviation aluminium OD 50.8 mm, thickness 2 mm, internal diameter 46.8 mm

Increment Between Frame Rungs: 464mm

Total Weight of Whole Scaffold Tower: 127kg

Introduction

Prior to assembling the Aluminium Mobile Scaffold Tower please ensure you carefully read this document. All instructions must be strictly adhered to and the mobile scaffold tower must be assembled and used strictly in accordance with this document.

The Hirer is responsible for the correct use of the tower(s) in accordance with this document and must ensure that this document is available at all times which work is being carried out using the mobile scaffold tower.

Before Erecting the Scaffold Tower

1. Ensure this document is read and understood.
2. Ensure the scaffold tower is erected in accordance with the instructions in this document and by a competent person who has the knowledge, skills and experience necessary to safely erect the scaffold tower.
3. Inspect all components of the scaffold tower, and, if components are damaged, immediately notify the Owner in order to get the relevant components replaced.
4. Do not use damaged components or components from other scaffold towers (don't mix and match components systems)
5. Ensure unauthorised persons are prevented from accessing where the scaffold tower is located.
6. Ensure you have any relevant permits required for working at height on your site.

Before Using the Scaffold Tower

1. Ensure the tower is both plumb and level.
2. Check that the surface is adequate for the point loads from the castors and outriggers that will be applied to the surface. Sole boards may be required on soft ground.
3. Check that all diagonal, horizontal braces are installed and that outriggers/stabilisers are installed on any scaffold tower higher than 3m.
4. Check that ladder access is available to every platform.
5. Check that all frames, components and castors are fully locked into position.
6. Check that working platforms have correctly fitted edge protection including both guardrails and toe boards regardless of the height.
7. If castors are fitted, check that all castor brakes are locked on.
8. Check and assess the scaffold tower at the start of each use to ensure that it is in good working condition. If not, then do not use the scaffold tower and immediately notify the Owner.
9. Never use damaged frames or components.
10. Ensure that unsafe or partly erected scaffold towers are not left in place.
11. Ensure you have the correct safety equipment and personal protection equipment for the work being performed.
12. Beware of overhead power lines.
13. Do not use the scaffold tower in high winds (40 km/h+). Secure the scaffold tower in winds above 30 km/h to ensure stability, especially on exposed and elevated sites.

Using the Scaffold Tower

1. Never use the scaffold tower for purposes that it was not designed to be used for.
2. Never move a scaffold tower whilst there are persons or objects located on it.
3. Check the plumb and level of the tower after moving and adjust if necessary.
4. Always reapply all the castor brakes after moving the scaffold tower.

5. Do not exceed the maximum load ratings of the scaffold tower (please refer to page 1).
6. Never use a device to gain additional height above the working platform of the scaffold tower (such as ladders, boxes etc).
7. Never allow the scaffold tower to come within 4m of overhead power lines (or as otherwise specified by the appropriate power authority).
8. If it is possible and if it can be achieved safely, individuals using the scaffold tower should secure themselves to a wall. Do not tether directly to the scaffold tower unless the scaffold tower is securely anchored to a wall.
9. Do not use the scaffold tower if you are under the influence of alcohol or drugs.
10. Do not use the scaffold tower if you are fatigued or suffering from any medical condition.
11. Ensure the scaffold tower is protected from impact from machinery, vehicles etc.

Assembly Instructions


1 STEP ONE

Before first use, apply lubricant (CRC/W40 or similar) to brake lever mechanism and keep lubricated as ongoing maintenance. Lock adjustable castors and fit into rung frame and ladder frame (note: castor shafts are fitted with a spring clip to prevent it from dislodging the frame tube when tower/frame is lifted.)



2 STEP TWO

Clip horizontal brace (green) to the bottom of the rung frame with the claw facing outwards. The set up is now self-supporting.



3 STEP THREE

Clip the other end of the horizontal brace (green) onto both frames facing the claw outwards.



4 STEP FOUR

Clip diagonal braces (red) onto rungs as close to the frame upright as possible in opposite directions to form a zigzag pattern as shown. Adjust legs to ensure tower is plumb and level using a spirit level.



5 STEP FIVE

Position platform temporarily on the second rung of the frame and fit temporary horizontal braces (green) to form a hand rail. If stabilizers are required, fit them now to the corner of the tower. Tighten all wing nuts.

Add second storey frames by either lining ladder frames up, or placing it on the opposite end. Secure frames with supplied spring loaded clips. Ensure that diagonal braces (red) carry over from first storey frame to second storey frame, interlocking the two.



6 STEP SIX

Move platform to fourth rung of first storey framing and clip on diagonal braces (red) to continue the zigzag formation, ensuring that the zigzag on the other side runs the opposite way forming a criss cross when looking at the tower side on.

Always use horizontal bracing (green) for temporary handrail two rungs above the platform.

Erect further lifts as described in states 5 and 6 until desired height is reached.



7 STEP SEVEN

When required height is achieved, make sure that the platform is located 3 rungs down from the top to allow for the use of four straight braces (green) to create a 1m safety rail around the platform.

When only using a 2m tower set, then use diagonals (red) in criss-cross formation on both sides of the rung frame as opposed to zigzag running at opposite sides.



Pre-Use Checklist

1. Scaffold tower checked by a competent person.
2. All components in good working order.
3. All castors are locked in place.
4. Scaffold tower is plumb and level.

5. All horizontal and diagonal braces are locked in place.
6. Working platforms enclosed by guard rails.
7. Toe boards are correctly positioned on working platforms.
8. Outriggers / stabilisers are installed and locked in place if scaffold tower higher than 3m.
9. Environment conditions checked and within acceptable limits.