

SCAFMAN Mobile Scaffold Tower Assembly and Safety Instructions

SCAFMAN modular aluminium scaffold systems provide a safe, stable and convenient working platform that meets the AS/NZS 1576-1995

The 3.4mtr to 5.0mtr scaffold systems are rated for both light duty and medium duty applications.

Light Duty

Safe working load 300kg per working level.
Maximum number of working levels: 3 (three)

Medium Duty

Safe working load 450kg per working level.
Maximum number of working levels: 2 (two)

SWL per platform is 225kg

Recommended safe work practices when using a scaffold tower.
Included but are not limited to the following;

Any tower erected such that a person could fall 5mtrs or more must be erected by a ticketed scaffolder.

Mobile towers are intended for use on a hard surface (maximum slope 5 deg i.e. approx 1 in 12).

Avoid power lines (minimum clearance 4 - 8 mtrs).

Keep working platforms and landings clear of materials and debris.

Do not attach containment sheeting or banners to freestanding towers.

Additional precautions should be taken to ensure stability of the tower in windy or gusty conditions.

All couplers or fittings used must be compatible.

Do not stand on or use the diagonal and horizontal braces for footing or climbing.

Before using the scaffold tower (especially after it has been moved) always ensure that;

- The tower is level and all castors are locked.
- All frame legs are load bearing and correctly seated on castor sleeves.
- Outriggers are correctly fitted and adjusted and bearing on a hard surface.

When moving a mobile tower always ensure that;

- The scaffold is unoccupied and all items are removed or secured.
- All castors are unlocked and aligned in the direction of travel.

- Avoid slab edges and other step downs also check clearance height
- Always lock castors when finished.

Maintenance and Handling

Inspect all components for damage and / or wear before use. Do not use sub-standard components.

Remove any build up of paint/plaster etc.(especially from brace ends and castor screws threads.

Avoid damage by;

- Handling scaffold carefully.
- Transport and store neatly.

Erection Procedure

1. Fit castors to base frames and lock castors.
2. Attach a horizontal the base frame. Frame is now self supporting.
3. Attach spare end of horizontal brace to the other base frame. Attach 2nd yellow horizontal brace in similar position on the other side of the base frames.
4. Attach the plane brace (black brace) diagonally in a horizontal plane onto the lower part of the base frames.
5. Attach two diagonal braces (blue braces to the base units bottom transom rising two transoms. Level the unit using the adjustable legs, the base is now complete.
6. Fit the next set of frames onto the spigots of the base frames and fit the high tensile spring pins through locating holes.
7. Continue the pattern of diagonal braces (blue braces) (a new diagonal brace starts where the one beneath finishes and rises two transoms.) this pattern continues on up to the working deck.
8. Fit the two outriggers to the adverse side of the scaffold tower and adjust so that the outrigger base is firmly on the ground.
9. Fit both working platforms then the two side guardrail frames, followed by the two horizontal braces (yellow braces) which are to be clipped onto the top transoms in a horizontal plane with a further two horizontals clipped to the next transoms down creating a mid rail. Then fit two diagonal braces from the top transom of the guard rail frames to the bottom transom of the guard rail frames
10. Fit Toeboards to working platform area.
11. Access to working platforms is by climbing on the inside of the ladder frame.

Component List Scafman 6m

- 3 H Frames, 3 Ladder H Frames,
- 2 Guardrail Frames,
- Horizontal Braces (Blue)
- Diagonal Braces (Yellow),
- 1 Plane Brace (Black),
- 1 Hatch Platform, 1 Platform,
- 2 Outriggers, 1 Toeboard Set,
- 4 Adjustable Castors.

Assembly Instruction for the SCAFMAN Scaffold Tower



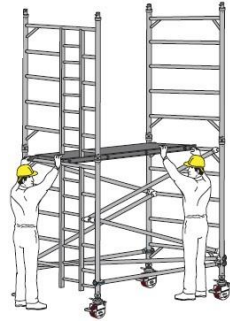
1
Insert the adjustable wheels into the legs of the frame. Lock the wheels with the lock pins, and brakes.

2
Position the ladder frame as shown. Lock the wheels, and clip the horizontal braces and bottom brace onto the rungs to square the scaffold.

3
Clip on diagonal braces onto the lowest rung in opposing directions. Ensure to lock them entirely. Frame is now self supporting.

4
Locate the platform on 2nd rung (approx 1.0m) high. Ensure scaffold is level using a spirit level.

5
Install the next set of diagonal braces. Add next lift of frames.

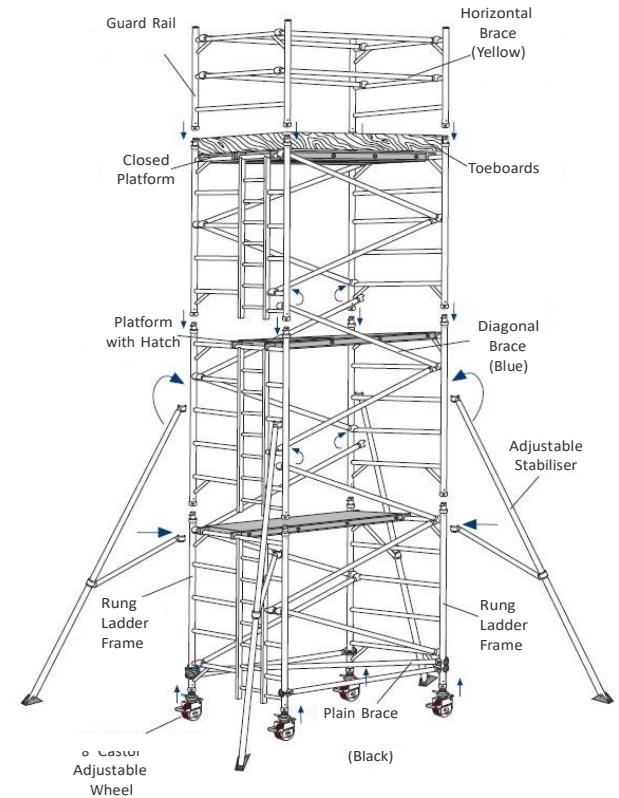


6
Install the platform on 5th rung (approx 2.0m)

7
Add the adjustable stabilisers, then lock them entirely.

8
Continue steps 5 and 6 until required working height is reached. Erect guardrails and horizontal braces. Guardrails should extend 1.0m past the platform in all cases. Do not climb to next platform until it is fully guardrailed.

9
Fit toeboards to all working platforms.



Components List	SCAFMAN 6M Scaffold	SCAFMAN 4.8M Scaffold
Ladder H Frames	3	2
H Frames	3	2
Guardrail Frames	2	2
Diagonal Braces (Blue)	8	6
Horizontal Braces (Yellow)	6	6
Plain Brace (Black)	1	0
Adjustable Outrigger	2	0
Hatch Platform	1	1
Plain Platform	2	1
Adjustable Castors	4	4
Toeboard Assembly	1	1