Unique Scaffolding

www.uniquescaffoldings.com

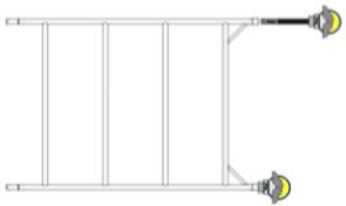
Aluminium Scaffolding Width 145cm X Length 250cm

DOUBLE WIDTH SCAFFOLDING FRAME ERECTION INSTRUCTION MANUAL

The tower requires a minimum of 2 people for assembly; do not attempt to assemble a tower by yourself

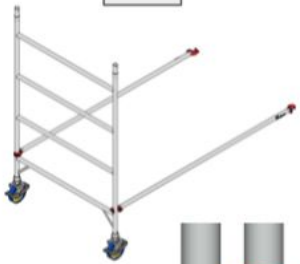
1

Insert two adjustable legs and castors into frame.



Fit in 2 horizontal braces to the vertical member of the frames, as low as possible, below the 1st rung. All horizontal braces fit on from inside the tower facing out.

2

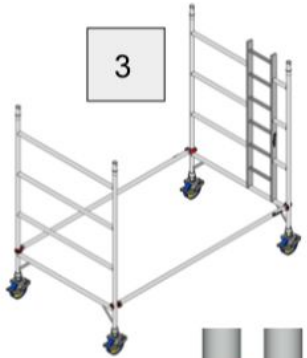


Connect horizontal brace on left sight



Connect second frame with 2 horizontal braces

3

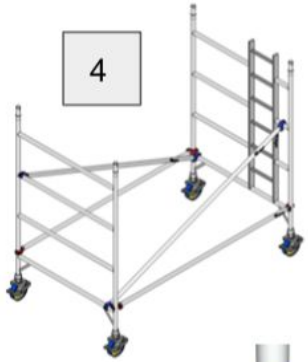


Connect diagonal brace on right sight



Click in diagonal braces, starting at the bottom rung. Braces should be added in a continuous pattern. When fitting a full intermediate work platform it is permissible to interrupt the continuous pattern.

4



Connect the Diagonal brace on frame as shown



Unique Scaffolding

Aluminium Scaffolding Width 145cm X Length 250cm

5

Fit plain platform on appropriate rung of frame.This will indicate which rung to fit trapdoor platform depending on final tower height.



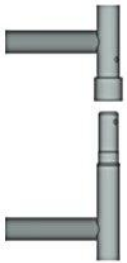




6

To add further frames, stand on platform ensuring the frames are in line.

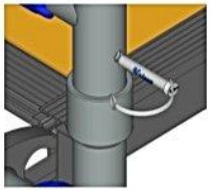




7

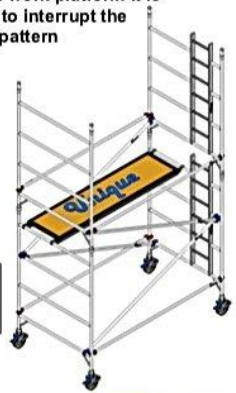
Fit in 2 horizontal braces to the vertical member of the frames, as low as possible, below the 1st rung.

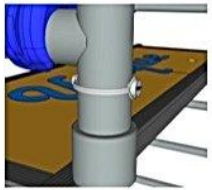




8

Click in diagonal braces, starting at the bottom rung. Braces should be added in a continuous pattern. When fitting a full intermediate work platform it is permissible to interrupt the continuous pattern





Unique Scaffolding

Aluminium Scaffolding Width 145cm X Length 250cm

9

Secure stabilisers as soon as possible to increase tower stability. Check tower kit list to ensure the correct stabilizers are fitted.



10

Fit trapdoor platform on appropriate rung above your head, see tower illustration guide.



11

To add Guardrail frames, stand on platform ensuring the frames are in line.



12

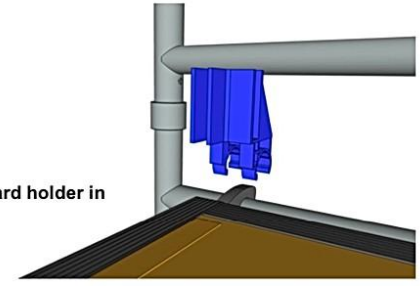
From the sitting position through the trapdoor, fit four handrail braces to vertical member of frames.



Unique Scaffolding

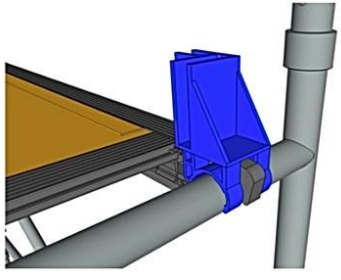
13

Press downward to toe board holder in main frame pipe



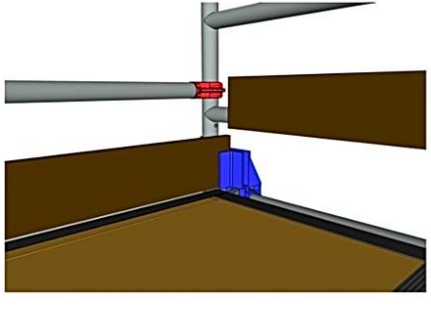
14

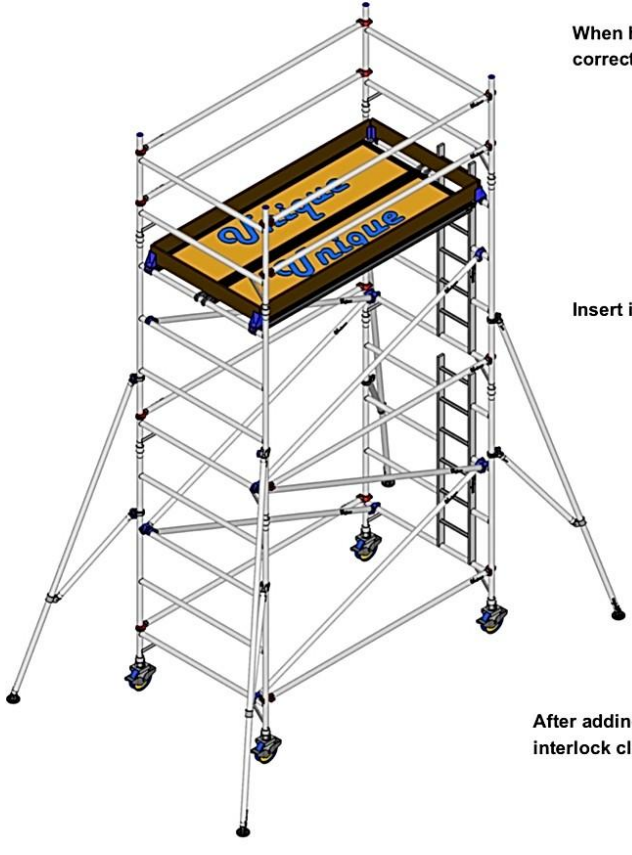
Check correctly plastic toe board holder is on the position



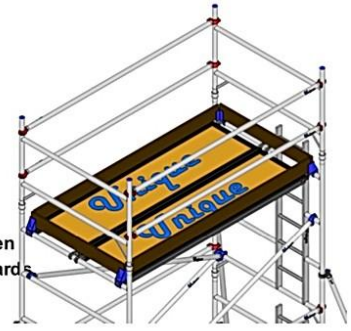
15

Insert wood board in the toe board holder



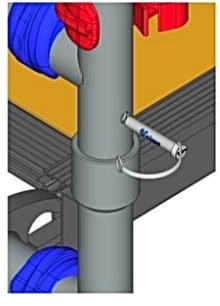


When handrails have been correctly fitted, fit toeboards



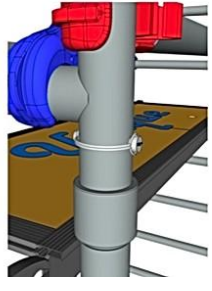
16

Insert interlock clip in frame



17

After adding frame always engage interlock clips



GENERAL SAFETY RULES

1. Check instructions before use. Mobile access working towers may only be erected and dismantled by persons familiar with these instructions for erection use.

2. Do not use any scaffold tower which is damaged, which has not been properly erected, which is not firm and stable, and which has any missing or damaged parts.

3. Do not erect a scaffold tower on unstable ground or objects such as loose bricks, boxes or blocks. Only a sound rigid footing must be used.

4. Ensure that the scaffold tower is always level and the adjustable legs are engaged. Check that you have taken all necessary precautions to prevent the tower being moved, or rolling away. Always apply all castor brakes or use base plates.

5. Ensure that all frames, braces and platforms are firmly in place and that all locking hooks are functioning correctly. Ensure that all frame locking clips are engaged. If any missing,replace them

6. Ensure that the scaffold tower is within the maximum platform height is stated, and that the appropriate stabilizers are fitted.

7.Outdoor scaffold towers should, wherever possible, be secured to a building or other structure. It is good practice to tie in all scaffold towers of any height, especially when they are left unattended, or in exposed or windy conditions.

8. A scaffold tower must not be used in winds stronger than 7.7 meters per second. Beaufort scale 4. Be cautious if erecting or using the tower in open places, such as hangers or unclad buildings. In such circumstances the wind forces can be increased, as a result of the funnelling effect.

9. Do not use sheeted towers.

10. Do not erect or use a scaffold tower near un-insulated, live or energised electrical machinery or circuits, or near machinery in operation.

11. If an overhead hazard exists, head protection should be worn.

12. Do not lean ladders against the tower, or climb the outside of the tower. Whatever your intended access system, it should only be used inside the tower.

13. Never climb on horizontal or diagonal braces. Do not gain access or descend from the working platform other than by the intended access system.

14. Do not work from ladders or stairways, they are a means of access only

15. Guardrails and Toe board's must be fitted to the working platforms.

16. Never jump on to or off platforms.

17. DO NOT exceed the safe working load of the platform or structure by accumulating debris, material or tools on platforms as these can be a significant additional load.

18.If you must move a tower, remove all materials and personnel.

19.When moving a scaffold tower, force must always be moved from the base. The tower should only be moved manually on firm, level ground which is free from obstacles. Normal walking speed should not be exceeded during relocation. The ground over which a tower is moved should be capable of supporting the weight of the structure.

20.Should you require additional platform height, add further frames. NEVER extend your adjustable legs to achieve extra height, these are for levelling only. NEVER use a ladder or other objects on the platform to achieve additional height.

21.It is not permissible to attach and use hoisting facilities on towers, unless specifically provided for by the manufacturer.

22. It is not permissible to attach bridging sections between a scaffold tower and a building. Refer to the tower manufacturer.

23. ALWAYS TAKE CARE OF ALUMINIUM SCAFFOLD TOWER EQUIPMENT. REMEMBER YOUR SAFETY DEPENDS ON THE SAFE ERECTION AND USE OF THE EQUIPMENT. RESPECT IT.

MAINTENANCE RULES

1. Ensure that the scaffold tower is kept clean, especially the spigots and sockets. These should fit together with ease and be secured by an interlock clip.

2. Check frames and braces, adjustable legs and boards for paint, grit, burrs etc. Remove any foreign substance with a light wire brush. Check no slip hazards exist on the platform.

3. Where brace, ladder and platform hooks attach the frames, ensure that the frame rungs are kept clean.

4. Ensure that all locking hooks function correctly. If necessary lubricate with light oil.

5. The inside diameter of all hooks should be kept clean to ensure they fit to other components without being forced.

6. If in any doubt about the proper use and maintenance of the scaffold tower equipment, consult the manufacturer.

7. Do not misuse or abuse the scaffold tower with heavy objects, hammers etc. Do not throw components in and out of vehicles or to the ground when the tower is being dismantled. Such abuse may reduce the structural integrity of the scaffold tower.

8. Under no circumstances use a scaffold tower which damaged, has not been properly erected, is it not rigid and which has any missing parts.

9. REMEMBER YOUR SAFETY DEPENDS ON THE SAFE ERECTION AND USE OF THIS EQUIPMENT. RESPECT IT.

USE OF STABILIZERS

Stabilizers increase the EFFECTIVE BASE dimensions and improve the STABILITY of the tower.

Position the stabilizers symmetrically to obtain the MAXIMUM BASE DIMENSION.

Maximum platform heights for free standing towers are based on the base to height ratio of 3:1 outdoors and 3.5:1 indoors. When moving a tower with stabilizers the height to base ratio must not exceed 2.5:1.

OPTIMUM MAX HEIGHTS		STABILIZER TYPE
BASE DIMENSION		
DOUBLE WIDTH OR STEP TOWER		
DOUBLE Width	2.34M	NONE
4.20M	5.13M	STANDARD
4.90M	10.23M	TELESCOPIC

PLEASE NOTE - If temporary platforms are used during assembly, reposition them during dismantling.

MOVING A TOWER Remove people and materials from the tower, and reduce the height of the tower to 4.2m. Adjust and raise the stabilizers 25mm from the ground, ensure the couplers are tight, and push from at or near the base by manual effort only, never use mechanical means. Recheck level and reposition stabilizers before use.

MAXIMUM VERTICAL DISTANCE BETWEEN PLATFORMS MUST NOT EXCEED 4M

Unique Scaffolding

