

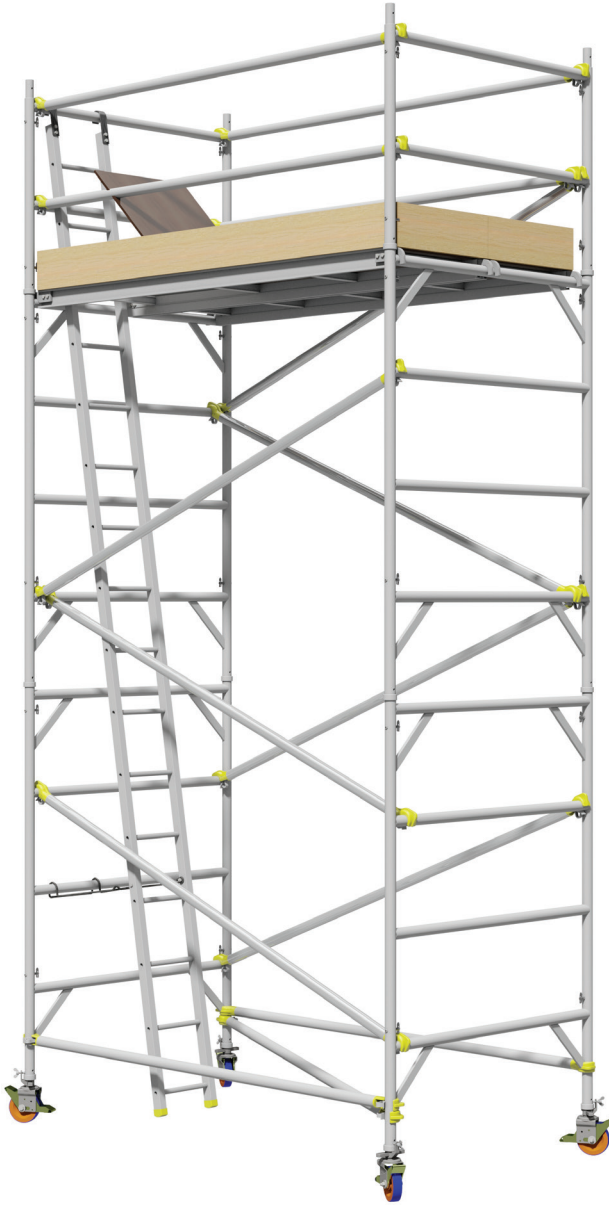


Reach it the **easy** way

## H-FRAME SCAFFOLD SYSTEMS

OPERATIONAL SAFETY AND ASSEMBLY  
INSTRUCTIONS FOR ALUMINIUM  
H FRAME MOBILE TOWERS USING  
SNAPLOCK BRACES

### H-FRAME SCAFFOLD SYSTEMS



Users of an **Easy Access H Frame Scaffold Tower** - Please read the following instructions carefully and do not erect or use the scaffold until the instructions have been read and understood.

We strongly suggest that users be familiar with and follow the '**Standard for Scaffolding**' AS/NZS 1576.1-6:2010. This is available from **Standards Australia** and **NZ**.

Further information is available in the SARNZ publication; '**Best Practise guidelines for Scaffolding in NZ**', also [www.workcover.nsw.govt.au](http://www.workcover.nsw.govt.au) and [www.dol.govt.nz](http://www.dol.govt.nz).

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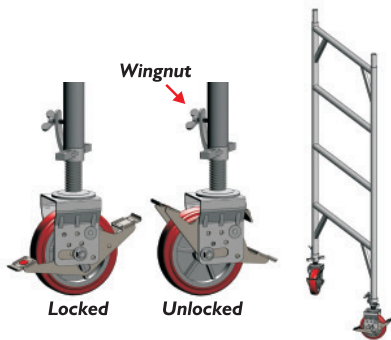
## MAINTENANCE

All H FRAMES and components must be checked regularly for damage such as dents, cracks, buckling and the like. If found the H FRAME component must not be used. Damaged components are easily replaced, and must be so before further use. Contact your supplier.

## ASSEMBLY INSTRUCTIONS - FOR MOBILE OR FREESTANDING TOWERS

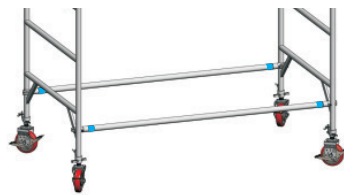
### STEP 1:

Attach Castors to Frame and tighten Wingnuts. Castors should be locked.



### STEP 2:

Fit blue coded Ledgers to vertical Standards within triangle formed by the Corner Brace, as shown. One on each side of the Frame with Grasper hooks facing outwards. These will hold the Frames upright while other bracing is attached.



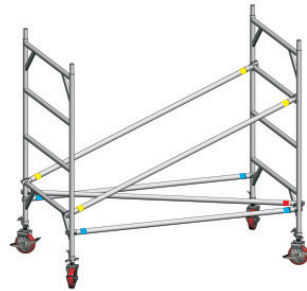
### STEP 3:

Fit red coded Planbrace on diagonally opposite corners of the tower immediately above the Ledger Graspers.



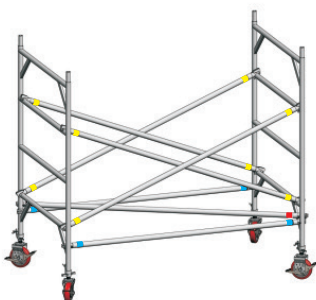
### STEP 4:

Fit one end of each yellow coded Diagonal Brace to bottom of horizontal transom on one frame, and the other end of each brace to the third transom up from the bottom on the opposite frame.



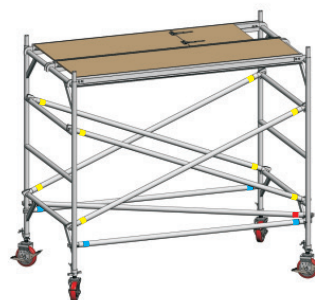
### STEP 5:

Fit two yellow Diagonal Braces on each side of the frame sloping in opposite directions to the other Frame, as shown.



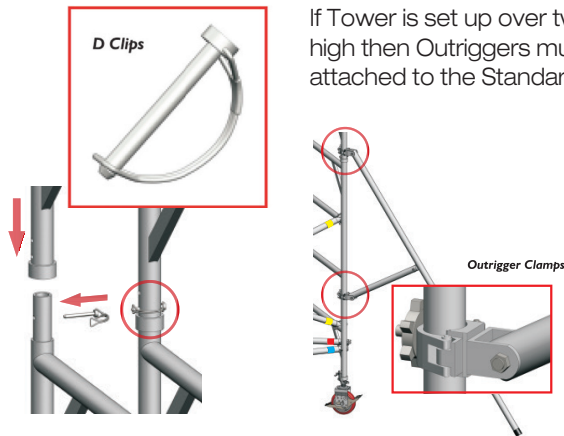
### STEP 6:

Install Platforms on top transoms of the Frames. This will help when erecting upper frames.



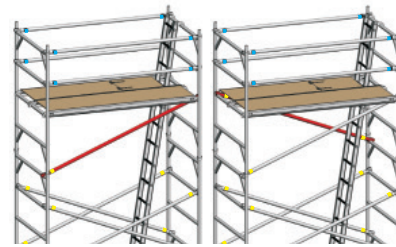
## STEP 7:

Ensure base is level in both planes by adjusting Castor Screw Jacks. Place next two Frames on Spigots and attached Braces to lower Transom and third Transom of these Frames. Attached D Clips through Frame Standards. Continue to install Frames and Braces in this manner until the intended height is reached. Install Ladder to the top of the Tower or two Transoms above the intended Platform height. Install Hatch Platform and Standard Platform. Install Mid-rails (blue coded Ledgers) on the first Transom above the Platforms and Handrails (blue ledgers) on second Transoms above the Platforms. Install Toe Boards where the platform height is 2.0m or more above the supporting surface or there is a risk of dislodging tools or other material.



If Tower is set up over two levels high then Outriggers must be attached to the Standards.

Immediately below the Platform/Handrail/Midrail level only one yellow coded Diagonal Bracing per side is needed. They should slope in opposite directions.



## OPERATION

- Ensure castors are and securely braked once the tower is in position.
- Use the height adjustment mechanism on the castors to ensure the tower base is level.
- Ensure outriggers are fitted to increase the base width of the tower if the platform is over 4 metres in height.
- Outriggers must rest firmly on the ground and be fitted to any side of the tower that is not within 300mm of a secure support surface, ie. a wall
- Climb up the ladder through hatch lid to gain access to the platform maintaining three points of contact at all times while on the ladder.
- Ensure the total load does not exceed 450kgs.
- The tower must only be used on a firm surface that is free of obstructions.

## SAFETY INSTRUCTIONS

DO NOT use the H Frame scaffold tower:

- If the total load will exceed 450 kilograms.
- If the user is affected by alcohol or drugs.
- If any conductors of an overhead electrical power line are less than 4 metres from the tower.
- If any surface where the tower is to be used is not firm or level.
- If the tower is positioned in such a way that the operator could fall more than 1 metre, unless guardrails are fitted.
- Where a fall would result in serious injury unless guardrails are fitted. E.g. protruding reinforcing rods or other hazards near the tower.
- If the tower has not been subjected to regular maintenance checks or is known to be defective.
- When the platforms are greasy or slippery and poor footing results.
- If the user has not had adequate training in the use of the H Frame scaffold system.

## GUARDRAILING

- Guardrail half frames must be used at each end of the tower when the platform is at the top height setting on any frame or the topmost cross member of a frame is less than 900 mm above the platform.
- Guardrail half end frames fit on top of standard H frames and support clip-on guardrails and mid-rails.
- Clip-on guardrails and mid rails attach to the cross members of the guardrail frame

## OUTRIGGERS

- Outriggers are used to increase the sideways stability of the tower when it is used as a freestanding mobile scaffold with a platform height of 5 meters or over, or to stabilize the side away from an adjacent wall or other rigid structure that is not greater than 300mm away.
- Outriggers are attached to the frame uprights to increase the effective width of the 1.37 metre wide end frames.
- The outrigger end must rest firmly on a hard surface.
- Freestanding towers 5 metres or over in height must be stabilized by attaching outriggers on both sides and at both ends.
- Where a platform is 5 metres above the supporting surface, the outriggers must extend at least 900mm out from the castor support point at 90 degrees to the end frame.
- Where an adjacent wall or rigid structure is more than 300mm away from the tower but less than the specified minimum width of the outrigger, the outriggers on that side should be angled to the end frames to achieve the maximum width possible.
- Wheel locks on the castors must be applied whenever the tower is being used, or is left unattended.
- The tower must not be used outdoors when the wind speed exceeds 40kph. If this situation occurs, and it is not practicable to dismantle the tower, it must be secured against movement or overturning. Apply the wheel locks, ensure that the outriggers are securely attached where fitted and where possible secure it to a rigid structure.
- When the tower is left unattended, other than for a short period, ensure that the securing procedure above is followed.

THANK YOU FOR TAKING THE TIME TO READ THESE INSTRUCTIONS, AND FOR PURCHASING THE EASY ACCESS H FRAME MOBILE TOWER.

The manufacturers or supplier will not accept liability for injury or damage resulting from product failure due to misuses, abuse, faulty installation and alteration, lack of reasonable care, lack of adequate training, use not listed under these Operational Safety Instructions or any other failure not related to defects in materials or manufacture.

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