



## Operational Safety and Assembly Instructions for Mini-Mobile Scaffolding



Users of an Mini-Mobile Scaffold System - 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.worksafe.govt.nz](http://www.worksafe.govt.nz)



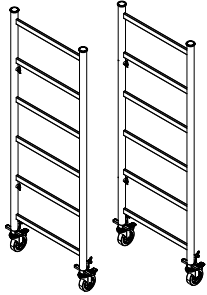
### **BEFORE YOU START**

All Mini-Mobile components must be checked regularly for damage such as dents, cracks, buckling and the like. If found the Mini-Mobile component must not be used. Damaged components are easily replaced and must be replaced before further use. Ensure castors are firmly secured to the frames. Tighten Retaining bolt if required. **DO NOT OVER TIGHTEN.**

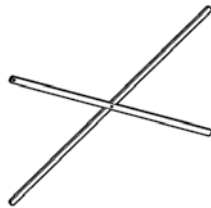


## ASSEMBLY INSTRUCTIONS FOR MINI-MOBILE TOWERS

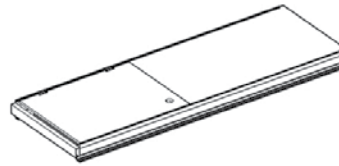
The MINI-MOBILE base set (MM210) consists of four components:



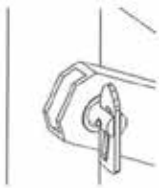
2 x End Frames



1 x Cross Brace



1 x Platform



The cross brace attached to the end frames on anti-lucre latches as shown. Ensure latches are closed before use.

The platform locates on any frame cross member and serves to laterally brace the MINI-MOBILE.

## OPERATION

- Ensure castors are turned outwards (to increase base width), and securely braked.
- Climb up inside of frame through hatch lid to gain access to the platform. (Unless platform is on the lower height settings).
- Total load must not exceed 225kgs.
- MINI-MOBILE must only be used on a firm surface that is free of obstructions.
- The supporting surface must be level unless the MINI-MOBILE is fitted with the height adjustable castors designed for it.

## SAFETY

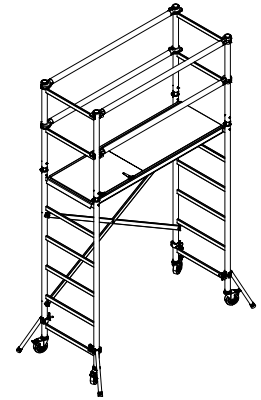
DO NOT use the MINI-MOBILE:

- If the total load will exceed 225 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 MINI-MOBILE.
- If any surface where the MINI-MOBILE is to be used is not firm or level.
- If the MINI-MOBILE is positioned in such a way that the operators could fall more than 2 metres, unless guardrails are fitted. E.g. the MINI-MOBILE is used near the edge of a balcony.
- Where a fall would result in serious injury unless guardrails are fitted. E.g. protruding reinforcing rods or other hazards near the MINI-MOBILE.
- If the MINI-MOBILE has not been subjected to regular maintenance checks or is known to be defective.
- When the platform is greasy or slippery and poor footing results.
- If the user has not had adequate training in the use of the MINI-MOBILE.



## GUARDRAILING

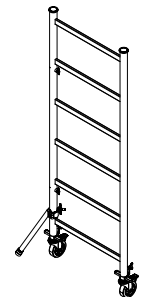
- Guardrails, midrails and toe boards must be used on any platforms where the operator could fall more than 2 m.  
Note: it is the responsibility of the operator to conduct a hazard assessment of the work site prior to using the Mini mobile. Edge protection may be required on any platform regardless of height due to the duration of work or hazards near the Mini Mobile.
- Guardrails must be attached to the end frames not less than 900mm and not more than 1100mm above the platform where the platform is more than 1m above the support surface.
- Guardrail end frames must be used at each end when the platform is at the top height setting as shown or the topmost cross member is less than 900 mm above the platform.
- Guardrail end frames fit on top of standard MINI-MOBILE frames and support clip-on guardrails and mid-rails.
- Clip-on guardrails and midrails attach to the inside of the frame uprights above any cross-member. The guardrail must not be less than 900mm and not more than 1100mm above the platform. The midrail must not be more than 500mm from any adjacent guardrail or toe board. The toeboard must not have a gap greater than 10mm either horizontally or vertically from any edge of the platform.
- Ensure the expanding spigots attached to the base of the Guardrail frame are firmly tightened into the base frame. Note: Ensure the Guardrail frame is positioned correctly. The frame cross member must be at the top of the tower as shown.



MM250

## OUTRIGGERS

- Outriggers are used to increase the sideways stability of the MINI-MOBILE when it is used as a freestanding mobile scaffold or to stabilize the side away from an adjacent wall or other rigid structure that is not greater than 225mm away.
- Outriggers are attached to the frame uprights to increase the effective width of the 0.7 metre wide end frames.
- The outrigger end must rest firmly on a hard surface.
- Freestanding MINI-MOBILES over 1.9m in height must be stabilized by attaching outriggers on both sides and at both ends.
- MINI-MOBILES near a wall or other rigid structure are stabilized by attaching outriggers on both ends on the same side.
- Where a platform is 1.9m above the supporting surface, (the MM250 configuration) the outriggers that are provided in the pack must be used with the tower. The outriggers should be attached to the end frames to extend the base of the tower to the maximum possible width and the castors turned outwards.  
Note: The width of the tower including the outriggers must be at least 1/2 the platform height in this configuration.
- Where the platform is above 1.9m and up to a maximum height of 3.7m above the supporting surface (MM310 and 410 configurations), the outriggers provided in the pack must be used on the tower. They should extend at least 1.15 m when measured at 90 degrees to the end frame and the end frame castors turned outwards. Note: the base width of the tower including the outriggers must be at least 1/3 of the platform height in these configurations.
- Where an adjacent wall or rigid structure is more than 225mm away from the MINI-MOBILE 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 MINI-MOBILE is being used, or is left unattended.
- The MINI-MOBILE must not be used outdoors when the wind speed exceeds 40kph. If this situation occurs, and it is not practicable to dismantle the MINI-MOBILE, it must be secured against movement or overturning. Apply the wheel locks, ensure that the outriggers are securely attached and where possible secure it to a rigid structure.
- When the MINI-MOBILE is left unattended, other than for a short period, ensure that the securing procedure above is followed.



MM250 outrigger



MM410 outrigger



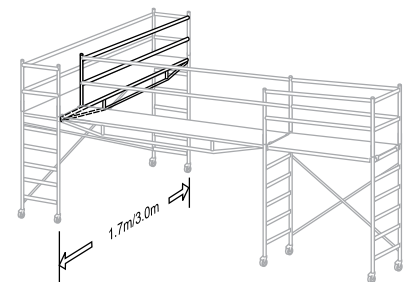
## EXTRA HEIGHT FRAMES

- Two MINI-MOBILE sets may be joined vertically for greater reach heights.
- Castors are easily removed from the top set if fitted by loosening the locking bolt in the base of the castor.
- Expanding spigots are used to join the frames together. These must be securely tightened with a spanner after frames are located.
- Note: Ensure the Expanding spigots are inserted into the base of the upper frame.
- Two platforms must be used on this configuration. The lower platform can be on any cross member on the base frame set, but is best on the lowest height setting as shown.
- The maximum height the MINI-MOBILE may be erected to is 4.75 metres including the guardrail end frame set. In this configuration the lower platform can be positioned on any cross member on the lower frames.
- The MINI-MOBILE must not be erected more than two frames high. If erected to maximum height the overall height is 4.75 metres to the top of the guardrail end frame.
- Toe-boards are available and are required where any object can fall more than two metres. These are provided as optional extras.
- Ladders and extra guardrails are available if required.
- Note: some jurisdictions such as the UK require toe boards to be used on platforms at any height.
- The bottom cross member is a greater distance from the end of the frame than the top cross member.



## CORNER PACK

- Mini mobiles can be joined together at 90 degrees to each other using a corner pack.
- The corner pack consists of a base member which attached to the side of a Mini mobile frame and supports one end of a platform as shown.
- A guardrail side frame is supplied as part of the pack to protect the inside edge of the support Mini mobile as shown. Use regular Mini Mobile edge protection on any of the other platform edges as required.
- Note: A specific toe board is available if an object could fall more than 2m from the platform or if required by a site hazard assessment. Please contact your supplier.



THANK YOU FOR TAKING THE TIME TO READ THESE INSTRUCTIONS.



### DISCLAIMER

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.