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SCAFFOLD SYSTEMS

OPERATIONAL SAFETY AND ASSEMBLY
INSTRUCTIONS FOR ALUMINIUM
MINI-MOBILE SCAFFOLD SYSTEM

ALUMINIUM MINI-MOBILE SCAFFOLD SYSTEM



Users of an **Easy Access 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 and www.worksafe.govt.nz

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MAINTENANCE

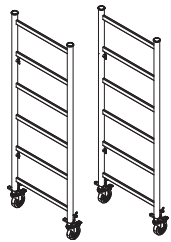
All Mini-Mobile components must be checked regularly for damage such as dents, cracks, buckling and the like. If found the Mini-Mobile must not be used. Damaged components are easily replaced, and must be so before further use. Contact your supplier.

Additional components such as handrails can be purchased at any time from the supplier.

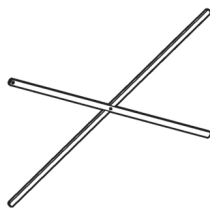
Ensure casters are firmly secured to the frames. Tighten retaining bolt if required. **DO NOT OVER TIGHTEN.** All components used in the Mini-Mobile must be supplied by Easy Access Co.

ASSEMBLY INSTRUCTIONS

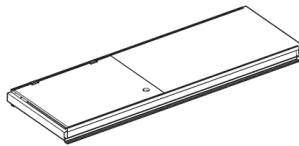
The Mini-Mobile base set (MM210) consists of four components:



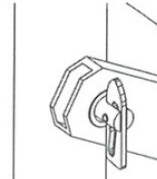
2 x End Frames



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

- Analyse the area where the Mini-Mobile is to be used and identify potential hazards.
- Ensure castors are turned outwards (to increase base width), and securely braked.
- Position the platform on the frame cross members that provide the most suitable height. Note: The lower three height settings allow the Mini-Mobile to be used without handrails, however, 2x handrails may need to be added to the Mini-Mobile if there are hazards in the immediate proximity or if site regulations require it. Handrails must be attached between 900mm and 1100mm above the platform level. **Site regulations may require a minimum of 2x handrails to be used with any platform regardless of height.** Please see further instructions on guardrails in the following section.
- Access to the Mini-Mobile when the platform is on the lower 2 height settings is by the operator stepping on to the platform from the side.
- The middle two height settings are accessed by the operator standing close beside the platform and transferring to a sitting position on it before regaining his/her feet. If a side handrail is present it will need to be temporarily removed to allow access and immediately replaced once the operator is standing on the platform. Note: a suitable stepladder may be used beside the platform to assist with access on the lower 4 height settings. Ensure that care is taken not to destabilise the Mini-Mobile while accessing the platform.
- The upper 2 height settings are accessed by climbing the end frame up through the trapdoor in the platform.
- Total load must not exceed 225kgs.
- The supporting surface must be firm at all times, and level unless the Mini-Mobile is fitted with the height adjustable castors designed for it.

SAFETY

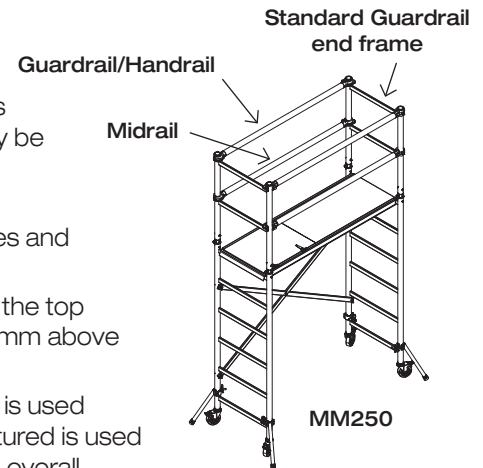
DO NOT use the MINI-MOBILE:

- 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, midrails and toeboards are fitted. E.g. the Mini-Mobile is used near the edge of a balcony. **Note: guardrails, midrails and toeboards may be required on platform heights lower than 2 meters by site regulations or the proximity of hazards.**

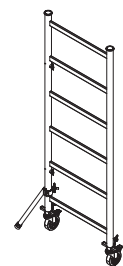
- Where a fall would result in serious injury unless handrails are fitted. E.g. protruding reinforcing rods or other hazards near the Mini-Mobile.
- If the Mini-Mobile has not been subjected to regular maintenance checks or is known to be defective.
- When the platform is greasy or slippery and poor footing results.
- If the user has not had adequate training in the use of the Mini-Mobile. Note: every operator must be able to demonstrate the knowledge required to erect and use the Mini-Mobile. Extra Training is available from the supplier if required.

GUARDRAILING

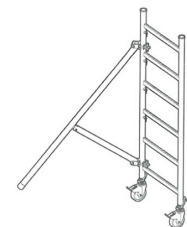
- Clip-on guardrails and midrails attach to the **inside** of the frame uprights above any cross-member. Note: the only location where a guardrail may be attached on the outside of the frame is where the cross brace location prevents it from attaching on the inside.
- Guardrail end frames, (pictured), fit on top of standard Mini-Mobile frames and support clip-on guardrails and mid-rails.
- 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.
- There are two guardrail end frames available; the standard one pictured is used when the platform is on the top 2 height settings. The quarter frame pictured is used when the platform is on the 3rd height setting down from the top where overall height clearance above the Mini-Mobile precludes the use of the standard frame.
- 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.
- Toeboards are available to be used if required on the platform when it is positioned on the upper two height settings.



Quarter Guardrail end frame



MM250 outrigger



MM410 outrigger

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 with a platform height over 1.9m 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.
- When the Mini-Mobile is left unattended, other than for a short period, ensure that the securing procedure above is followed.

- 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.

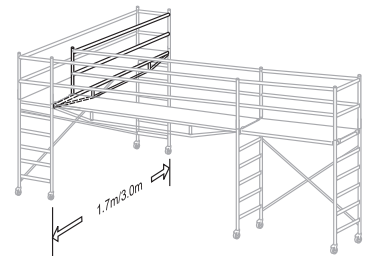
EXTRA HEIGHT FRAMES

- 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. MM310
- 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 is positioned on the top cross members of the base frames as shown. MM410
- 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 standard on MM410 configurations.
- **Some jurisdictions or site regulations require toeboards to be used on platforms regardless of height.**
- **Site regulations may require a non-vertical ladder to be used to access a platform higher than 2 meters. Ladders are available from the supplier.**



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 attaches 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 or site regulations. Please contact your supplier.



THANK YOU FOR TAKING THE TIME TO READ THESE INSTRUCTIONS, AND FOR PURCHASING THE EASY ACCESS MINI-MOBILE SYSTEM.

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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