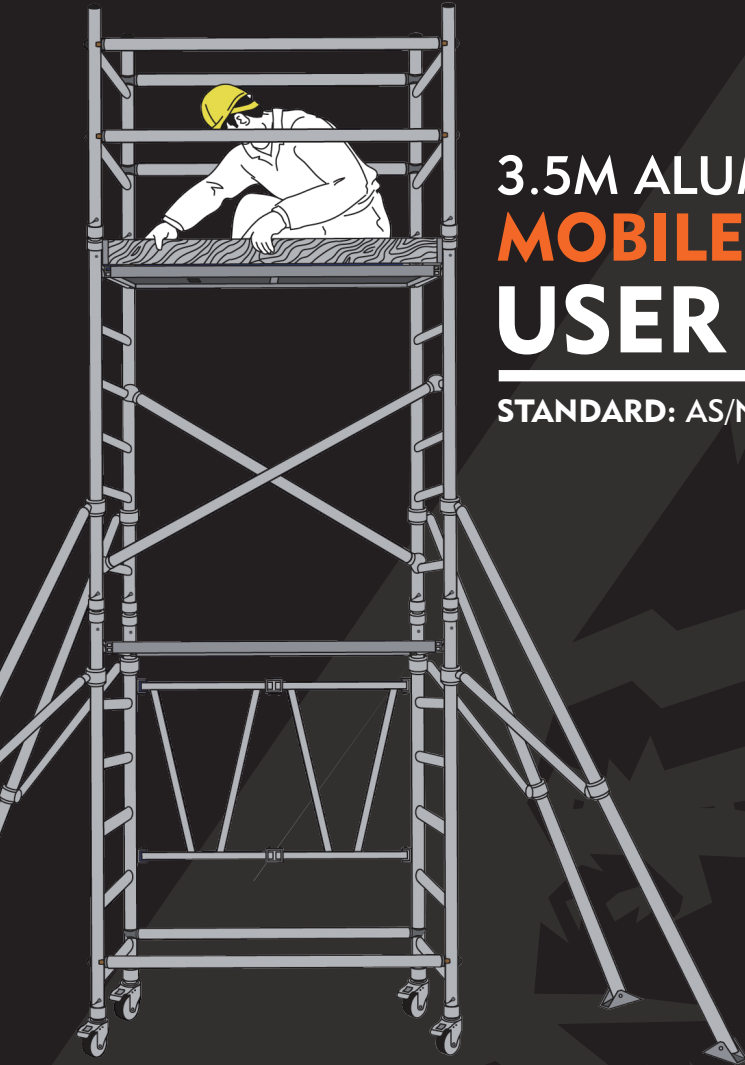




# MOBILE SCAFFOLD



## 3.5M ALUMINIUM **MOBILE SCAFFOLD** **USER GUIDE**

STANDARD: AS/NZS 1576

Please read this guide before use

## INTRODUCTION

Please read this guide carefully.

The Gorilla Mobile Aluminium Scaffold is a light-weight scaffolding unit used throughout the building and construction industry for both indoor and outdoor access solutions where stable and secure platforms are required. Ideal for maintenance, installation work or short-term access, the versatile scaffold unit provides a strong working platform at a variety of heights.

This User Guide provides you with step-by-step instructions to ensure your Mobile Scaffold system is erected easily and safely.

## WEATHER CONSIDERATIONS

The Gorilla Mobile Scaffold system is not designed to withstand heavy exposure to rain. Although this system is designed to the highest standards, please be aware that the life of your scaffold platforms will be drastically shortened if they are left in adverse conditions.

### CAUTION!

PLEASE ENSURE THAT YOU STORE YOUR GORILLA SCAFFOLD SYSTEM IN A DRY ENVIRONMENT TO PREVENT MOISTURE DAMAGE.

If you need further information regarding design advice, additional guides or any other help with this product, please contact our customer services at [www.gorillaladders.co.nz](http://www.gorillaladders.co.nz)

## COMPLIANCE

Gorilla Mobile Scaffolding has been tested and certified to AS/NZS1576

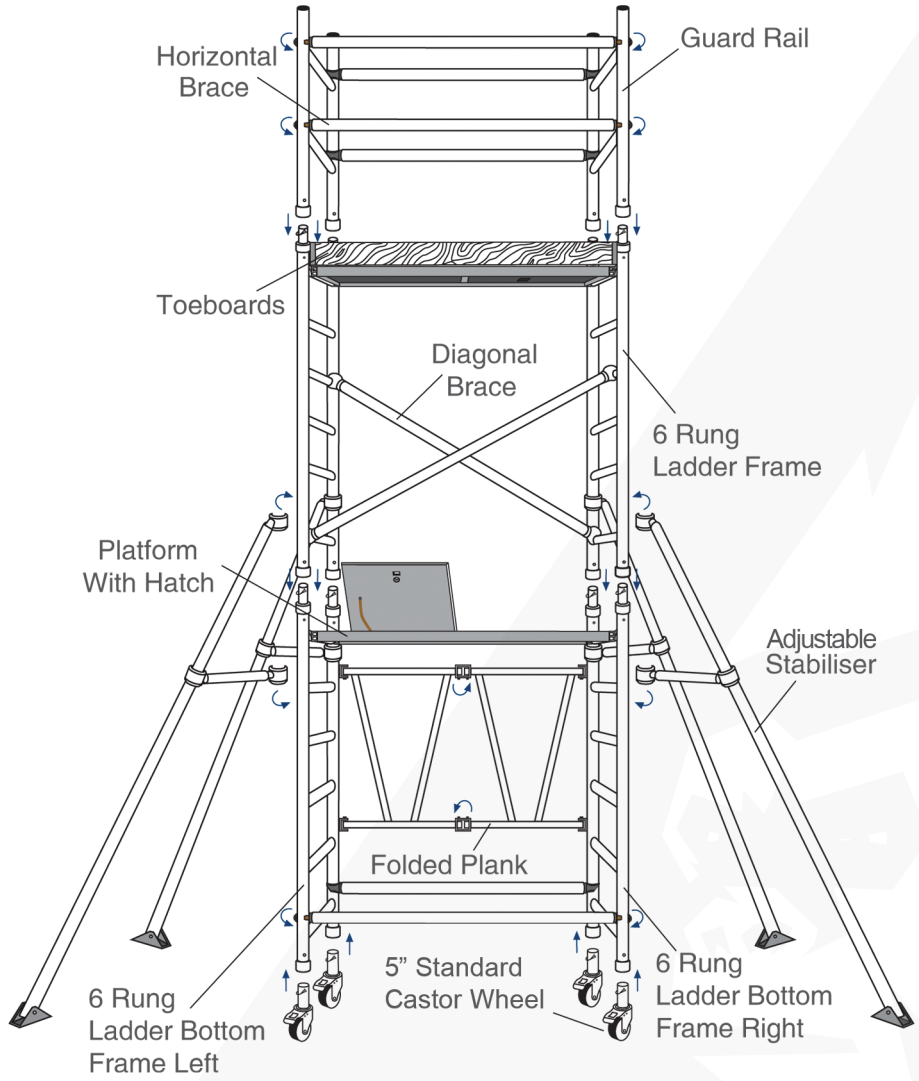
## PREPARATION AND INSPECTION

Inspect the equipment before use to ensure that it is not damaged and that it functions properly.

## SAFETY

Refer to Usage Advice on page 3 and 4.

Quantity Schedule of Scaffolding - Refer to page 12



## SAFETY

- The use of a safety harness is not required when erecting or dismantling the scaffold.
- Check that all components are on site and that they are functioning correctly – see Scaffold Quantity Schedule (page 12).
- Check if the ground on which the scaffold is to be erected and moved upon is level and capable of supporting the Mobile Scaffold unit. To support uneven surfaces, use 6” adjustable scaffold wheels (available for purchase).
- The quantity of platforms restricts the safe working load of the scaffold. The safe load per platform is 230kg. A maximum load of 460kg is permitted over two platforms at full height including your own weight.

## STABILISERS

- Stabilisers should always be fitted when the specified. The ground for laying the scaffold must be solid (i.e. not water or loose sand) and should not be positioned to overload individual legs.
- Adjustable stabilisers should only be used for levelling.

**To meet NZ Health & Safety guidelines where the platform height is at 1.9m or above, stabilisers and toe boards must be used.**

## MOVEMENT

- The scaffold should only be moved from the base using manual effort.
- When moving your scaffold, beware of any overhead obstructions including live cables or moving parts of machinery.
- No personnel or materials should be on the scaffolding during movement.
- Caution should be exercised when wheeling scaffolding over rough, uneven or sloping ground, taking care to unlock and lock castors. If stabilisers are fitted, they should only be lifted sufficiently above the ground to avoid hitting obstructions.
- The height of the scaffolding when being moved should not exceed 4.0m.

## DURING USE

- Beware of high winds in exposed, gusty or medium breeze conditions. We recommend that in wind speeds over 7.7 metres per second (27 k.p.h.), cease working on the scaffold. If the wind becomes strong and is expected to reach 11.3 metres per second (40 k.p.h.), tie the scaffold to a rigid structure. If the wind is likely to reach gale force of over 18 metres per second (60 k.p.h.), the scaffold should be dismantled.

BEAUFORT WIND SCALE			
FORCE	WIND DESCRIPTION	SPEED IN KPH	GENERAL EFFECT
4	Moderate	20-29	Small branches move. Dust, leaves & paper raised.
5	Fresh Breeze	30-39	Small trees sway.
6	Strong Breeze	40-49	Small branches move.
7	Moderate Gale	50-59	Telephone wires whistle.
8	Gale Force	60-69	Twigs & small branches broken from trees. Walking is difficult.

Beware of open ended buildings which can cause funneling effect.

- Debris netting or plastic sheeting should not be fixed to the scaffold without consulting your local distributor.
- Do not abuse equipment. Damaged or incorrect components should never be used.
- Raising and lowering components, tools, and/or materials by rope should be conducted within the scaffolding base. Ensure that the safe working load of the supporting decks and the scaffolding structure is not exceeded.
- The assembled scaffolding is a working platform and should not be used as a means of access to other structures.
- This Mobile Scaffold is not designed to be suspended – please refer to your supplier for advice
- Beware of horizontal forces (e.g. power tools) which could generate instability. Maximum horizontal force 20kg.

## ASSEMBLY PRINCIPLES

- To comply with the Working at Height Regulations, we show assembly procedures with platforms at every 2 metres in height, and the location of guardrails in advance of climbing onto a platform to reduce the risk of a fall.
- All platforms feature double guardrails on both faces of either individual platforms or fully decked levels.
- All guardrails should be 1 and 2 rungs (0.5m and 1.0m) above platforms.
- Never stand on an unguarded platform.

## DISMANTLING PRINCIPLES

To dismantle your Gorilla Scaffold:

- Remove toe boards, and pass down the scaffolding.
- Unclip farthest end of braces and immediately go to protected trapdoor position on ladder to complete removal.
- Remove upper platforms from protected platform levels below.
- Pass removed components out of the scaffold to an assistant.

## MAINTENANCE

- All components and their parts should be regularly inspected to identify damage, particularly to welds. Lost and/or broken parts should be replaced, and any tubing with indentations greater than 5mm should be aside for repair.
- Adjustable wheel threads should be cleaned and lightly lubricated to keep them free running.

## CHECK LIST

- Inspect all components prior to erection
- 'Inspection of Scaffolding' report prior to use
- Scaffolding upright and level
- Wheels locked and correctly adjusted
- Guard rails fitted
- Diagonal braces, horizontal braces and bottom brace fitted
- Stabilisers fitted as specified
- Platforms located and windlocks on
- Toe boards installed

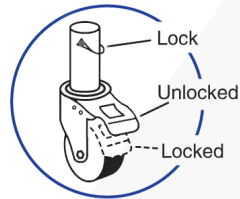
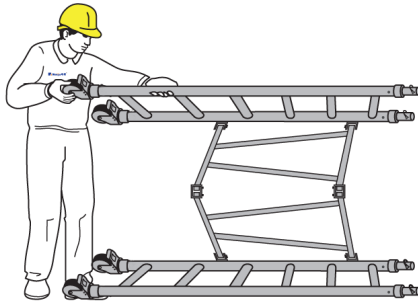
Refer to this check list before using each time.

## IMPORTANT NOTE:

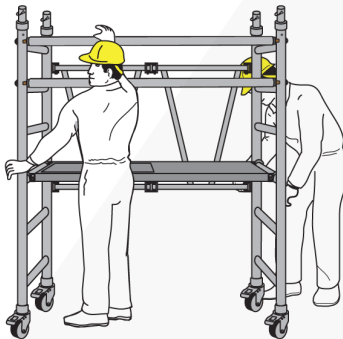
**For platform heights 1.9m and above, Stabilisers & Toe Boards must be used.**

## ASSEMBLING MOBILE BASE UNIT

1. To assemble the Mobile Base unit, remove the unit from its packaging and ensure that all parts are present. With the unit on its side, locate each of the four aluminium 5" standard castor wheels into each corner and secure with the locking pin supplied. Once each wheel is securely located, ensure that they are locked position.



2. Stand the Base unit upright with the support of two persons. Once the frame has been put into the open position, you are then able to locate the platform with hatch onto the 3<sup>rd</sup> rung of the 6-rung ladder (count from the bottom to the top). Lock it in place and inspect the stability.



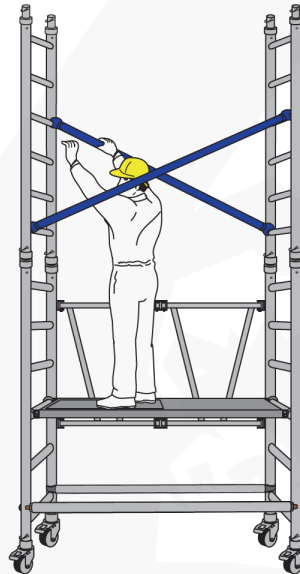
3. Locate the two guard rails onto the 5<sup>th</sup> and 6<sup>th</sup> rungs to provide additional safety and support.

Note: All locking graspers should be primed before use, and released for dismantling or relocation.



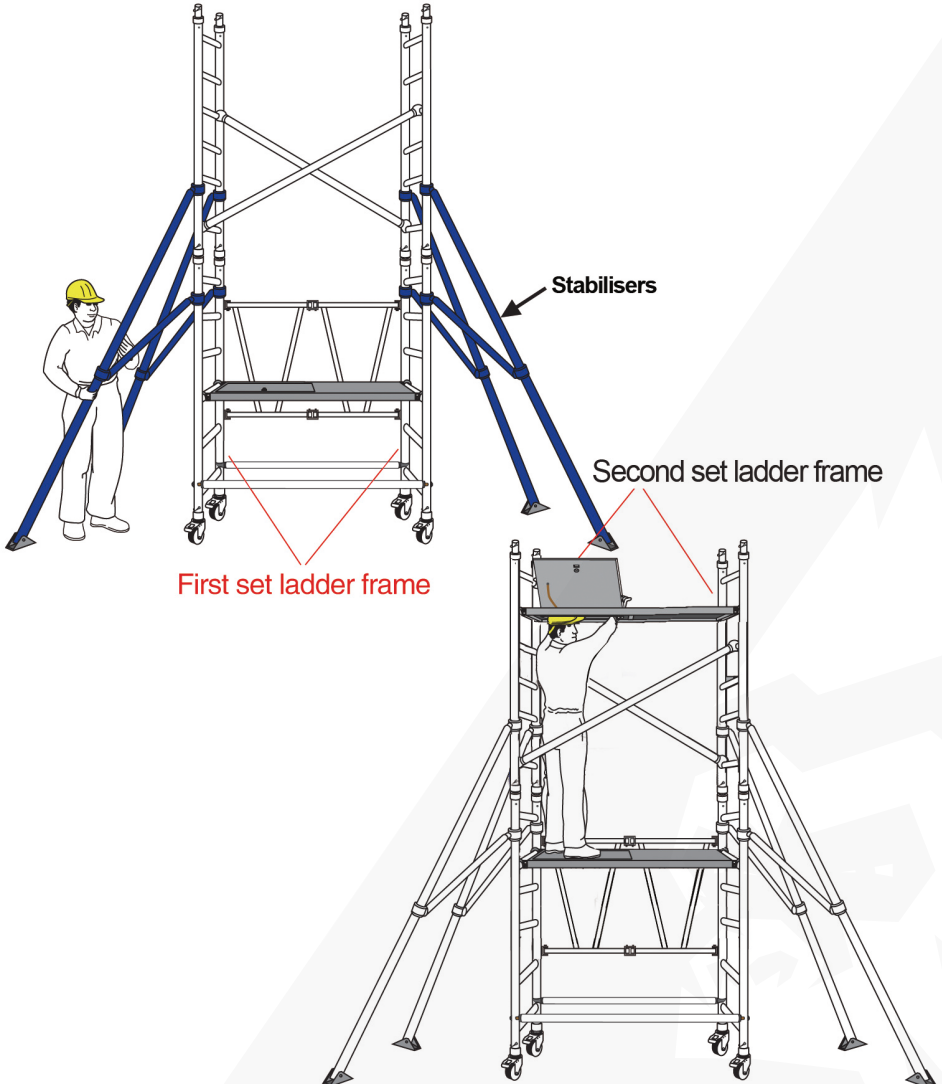
## ASSEMBLING MOBILE TOWER UNIT

4. Remove the Tower unit from its packaging and ensure that all parts are present. Take each of the Tower 6 rung ladders while safely standing on the first platform, and locate them on top of the Base unit frames. Lock into position using the provided locking pins.



5. Locate the diagonal braces. Clip the diagonal braces onto the lowest rung of the Tower frame and angle across to the opposite frame. The Tower set up is now self-supported and steady.

6. Locate the adjustable stabilisers. Fix upper end of stabiliser onto the second set ladder frame, lower end onto the first set ladder frame.

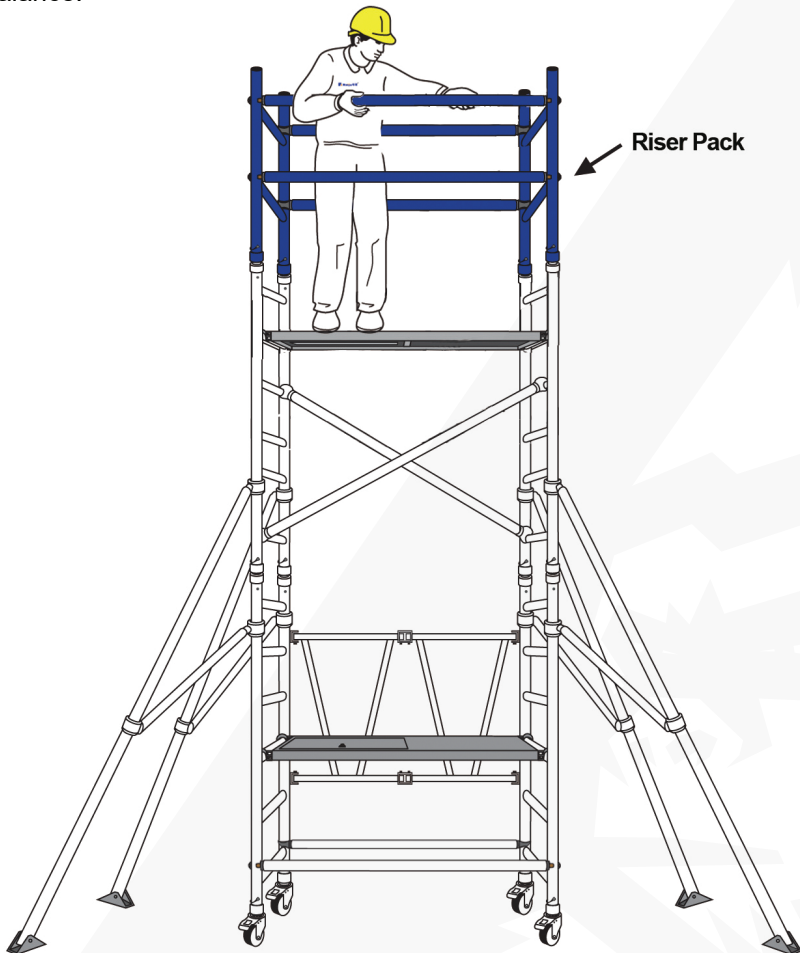


7. Repeat Step 2. Add the platform with hatch to the 2<sup>nd</sup> rung of the second set of the 6 rung ladder frame. Lock the platform.

## ASSEMBLING MOBILE RISER UNIT

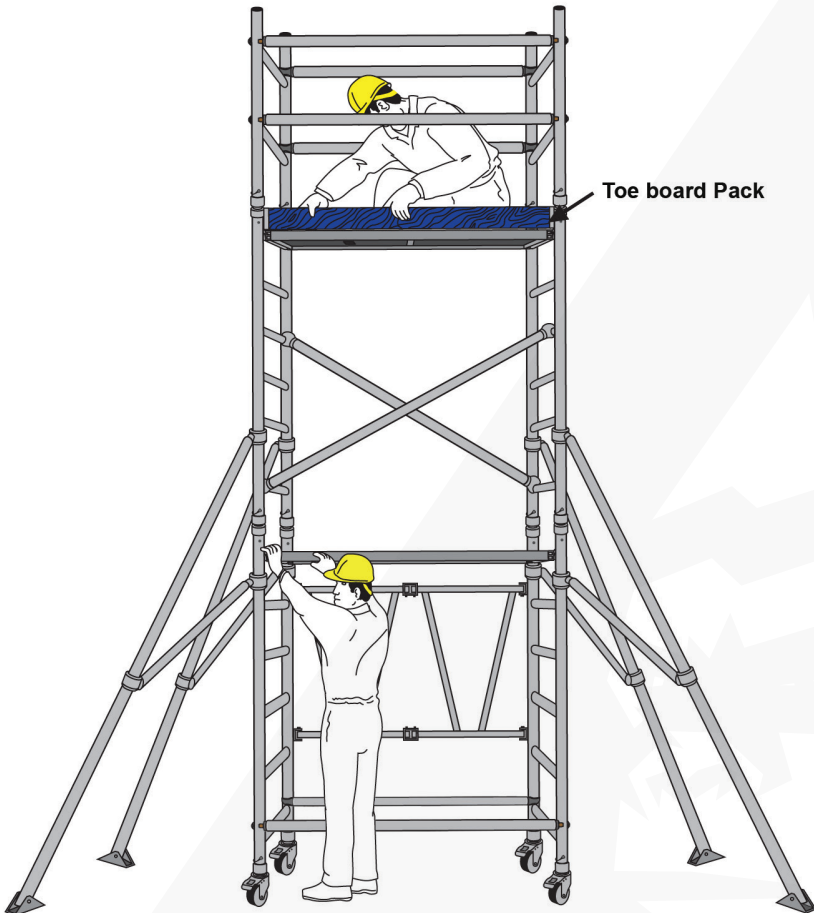
8. Remove the Riser unit from its packaging and ensure that all parts are present. Erect the guard rails and horizontal braces. Insert guard rails into the top of the frame vertically, then lock it with the lock catch. Clip horizontal braces to one side of the guard rail, making the scaffold to be a square.

The operator must stand on the center of the platform in order to keep balance.



## ASSEMBLING TOE BOARDS

9. Move the platforms with hatch to the top of the first set ladder frame and the second set one respectively.  
Fit toe boards to working platform (the upper platform with hatch).  
The full Mobile Scaffold system is complete.



## SCAFFOLD QUANTITY SCHEDULE

### BASE PACK

Qty	Component
1	1329 x 890mm End Frame Foldings
1	1782 x 680mm Six Rung Left Frame
1	1782 x 680mm Six Rung Right Frame
2	1400mm Horizontal Brace
1	1400 x 600mm Platform with Hatch
4	5" Standard Castor Wheels

### RISER PACK

Qty	Component
2	1000 x 680mm Guard Rail
4	1400mm Horizontal Brace

### TOWER PACK

Qty	Component
2	1782 x 680mm Six Rung Frame
1	1400 x 600mm Platform with Hatch
2	1633mm Diagonal Brace

### ACCESSORIES (SOLD SEPARATELY)

Qty	Component
4	6" Adjustable Scaffold Wheels
1	1400 x 600mm Toe Board Set
4	2500 x 1500 x 1000mm Stabilisers

2023 EDITION



[www.gorillaladders.co.nz](http://www.gorillaladders.co.nz)



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