



COMMERCIAL SCAFFOLD



6.0M ALUMINIUM COMMERCIAL SCAFFOLD USER GUIDE

STANDARD: AS/NZS 1576

Please read this guide before use

INTRODUCTION

Please read this guide carefully.

The Gorilla Commercial 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 Commercial Scaffold system is erected easily and safely.

WEATHER CONSIDERATIONS

The Gorilla Commercial 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.

LAWS & REGULATIONS

The law requires that personnel erecting a scaffold must be competent and/or qualified to do so. Any person erecting Gorilla Commercial Scaffolding should have a copy of this guide.

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

COMPLIANCE

Gorilla Commercial 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.

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 of Scaffolding (page 13).
- Check if the ground on which the scaffold is to be erected and moved upon is level and capable of supporting the Commercial Scaffold unit.
- The quantity of platforms restricts the safe working load of the scaffold. The safe load per platform is 230kg. A maximum load of 720kg is permitted 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 Commercial 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

- When erected at above 5 metres total height, scaffold must be assembled, maintained, repaired, dismantled by a holder of a current certificate of competence. For more information, refer to current WorkSafe NZ guidelines.
- 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.

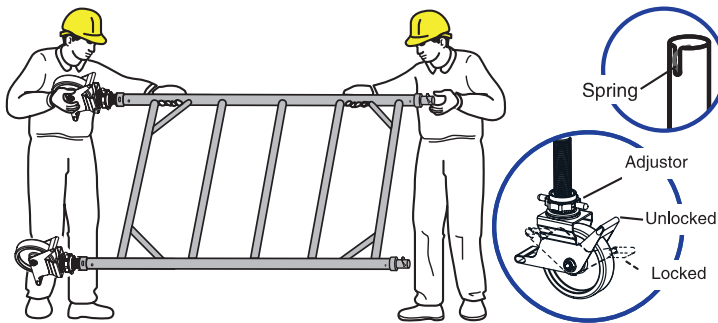
IMPORTANT NOTE:

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

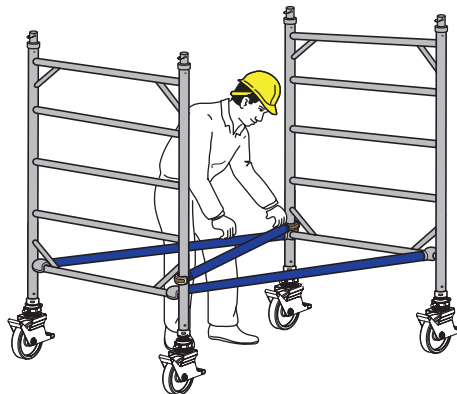
STARTER PACK ASSEMBLY PROCEDURE

We recommend that 2 persons are used to build the Gorilla Commercial Scaffold unit. Only climb the scaffold from the inside.

1. Remove the unit from its packaging and ensure that all parts are present. Push the adjustable wheels into the 5 rung ladder frame and tighten. Once each wheel is securely located, ensure that they are locked in position.

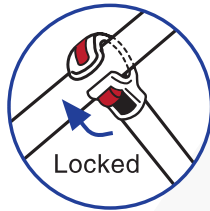
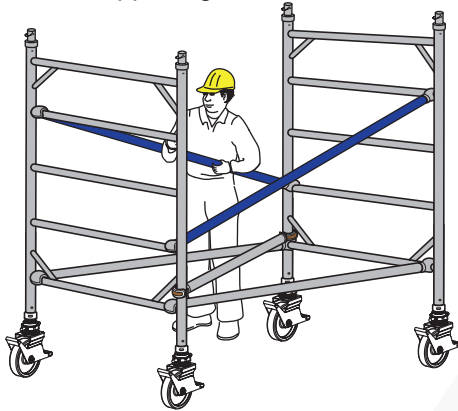


2. Position the ladder frame as shown. Lay it on a flat surface vertically and clip the horizontal braces and bottom brace onto the frame rung to square the scaffold unit.

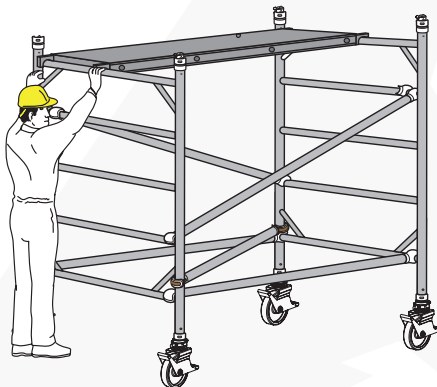


Note: All locking graspers should be primed before use, and released for dismantling or relocation.

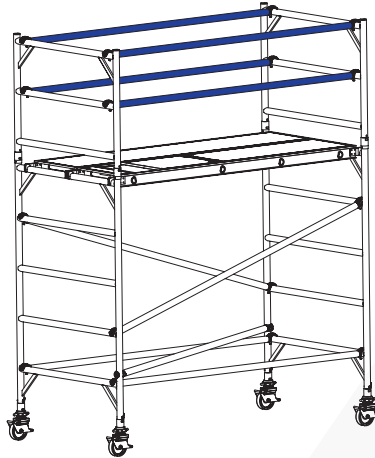
3. Clip on the diagonal braces (blue) onto the 2nd rung of the 5-rung frame in opposing directions. Ensure that they are fully locked into place. The frame will now be self-supporting.



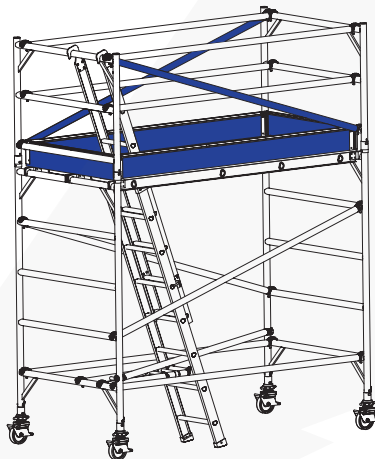
4. Locate the platform on the top rung of the 5-rung frame. Ensure that the scaffolding is correctly aligned by using a spirit level.



- Continue to add the next set of 3-rung frames and diagonal braces. Next, erect the guard rails and horizontal braces. The horizontal braces should be positioned 0.5m and 1.0m (1 and 2 rungs) above the working platform in all cases. Do not climb onto the platform until it is fully guarded with the horizontal braces.

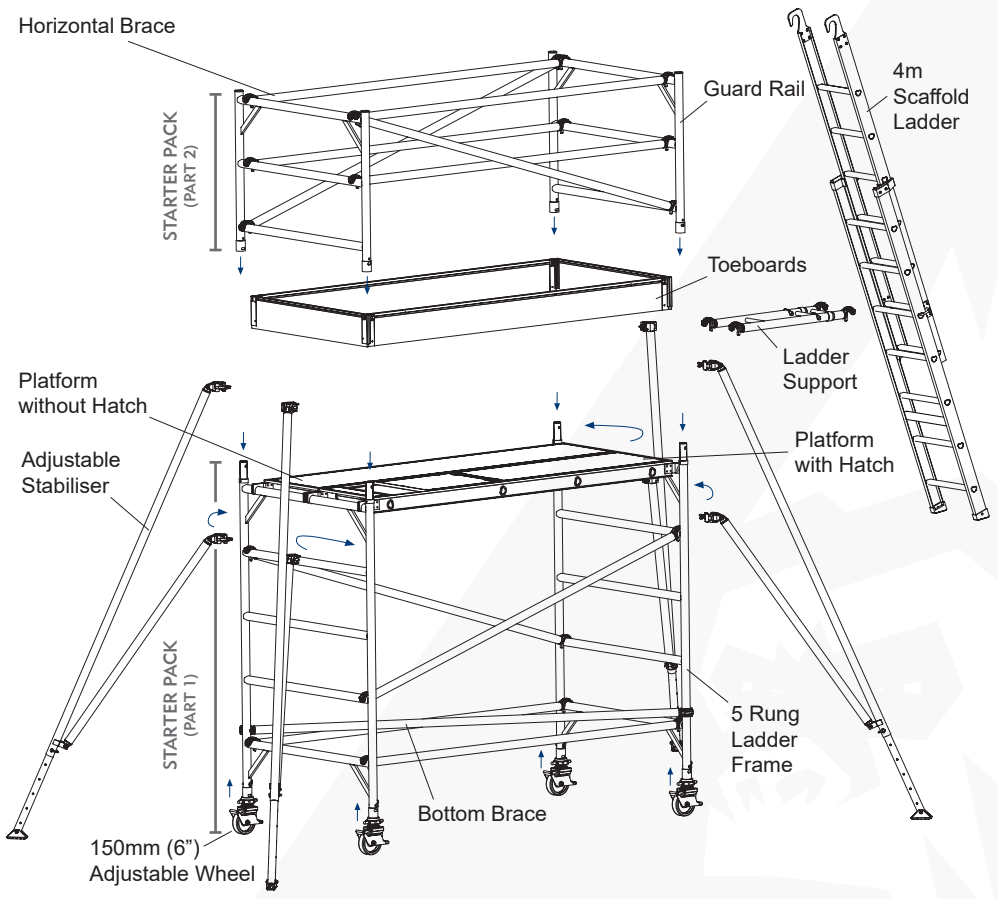


- Add the last set of diagonal braces. Fit toe boards to all working platforms. Then position the 4m scaffold ladder, going through the hatch of the platform. Add the ladder support onto the 2nd rung of the 5-rung frame, as shown in the diagram below.



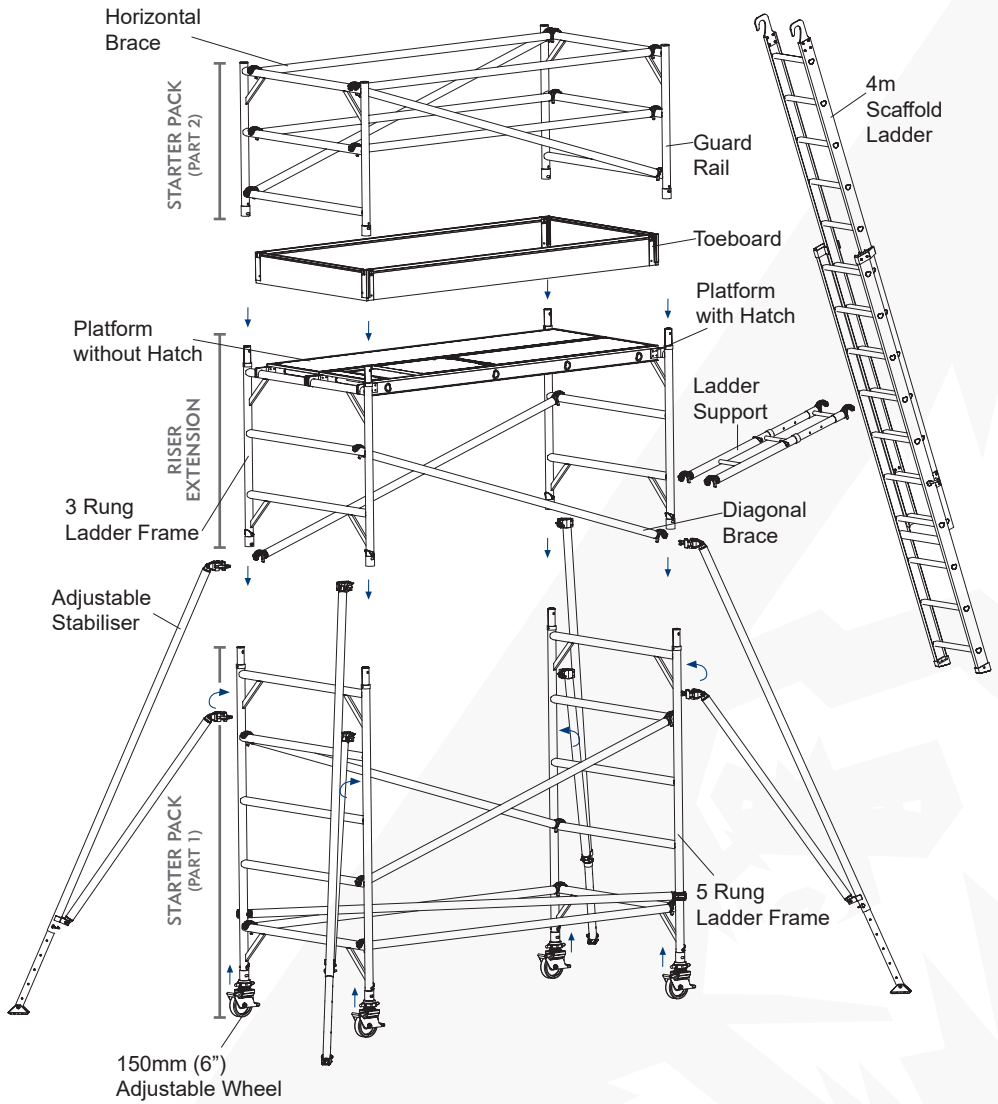
CONFIGURATION 1 QUANTITY SCHEDULE

Refer to Page 13



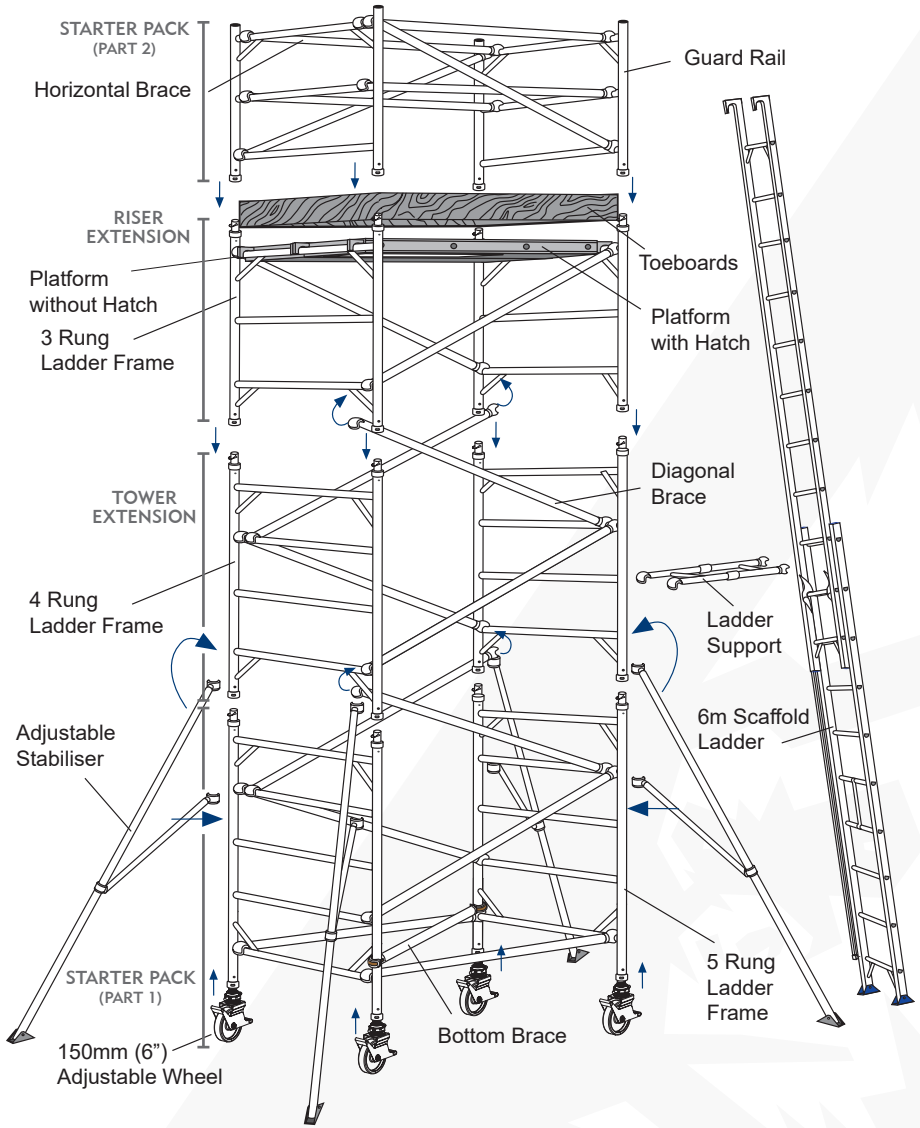
CONFIGURATION 2 QUANTITY SCHEDULE

Refer to Page 13



CONFIGURATION 4 QUANTITY SCHEDULE

Refer to Page 13



SCAFFOLD QUANTITY SCHEDULE

STARTER PACK

Qty	Component
2	2110 x 1250mm Five Rung Frames
2	1000 x 1250mm Guard Rails
4	150mm (6") Adjustable Castor Wheels
1	2500 x 540mm Platform
1	2500 x 540mm Platform with Hatch
1	2795mm Bottom Brace
4	2625mm Diagonal Braces
6	2500mm Horizontal Braces

RISER EXTENSION

Qty	Component
2	1310 x 1250mm Three Rung Frames
2	2625mm Diagonal Braces

TOWER PACK

Qty	Component
2	1710 x 1250mm Four Rung Frames
6	2625mm Diagonal Braces

SCAFFOLD QUANTITY SCHEDULE

ACCESSORIES (Sold Separately)

Qty	Component
1	2450 x 200mm Toe Board Set
2	2500mm Scaffold Stabilisers (2 pack)
1	Commercial Scaffold 4m Scaffold Ladder
1	Commercial Scaffold 6m Scaffold Ladder
1	Commercial Scaffold Ladder Support

SPARE PARTS

Product Code	Component
ML-RJSCAFF-COM5PLAT	Commercial Scaffold Platform with Hatch
ML-RJPLATFORM	Commercial Scaffold Platform
ML-RJSCAFF-COM5HRL	2500mm Handrails (2 pack)
ML-RJBRACE-TR	2625mm Diagonal Brace
ML-RJBRACE-BT	2795mm Bottom Brace
ML-RJSWHEEL	150mm (6") Adjustable Wheel (single)

2024 EDITION



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