GAZELLE G6308 Double Width Scaffold Tower Instruction Manual

Contents

GAZELLE

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OVERVIEW

MAINTENANCE RULES

- Ensure that the scaffold tower is kept clean. Grease all moving parts with commercial oil. Wipe off excess oil. Position the stabilizers symmetrically to obtain the MAXIMUM BASE Spigots and sockets should fit together with ease and be secured by an interlock clip. Check frames and braces, adjustable legs and boards for paint, grit, burrs etc. Remove any foreign substance with a light wire
- Where brace, ladder and platform hooks attach the frames, ensure that the frame rungs are kept clean. Ensure that all locking hooks function correctly. If necessary lubricate with light oil. Please check that spigot are in to the position and should fit easily into frames.
- The inside diameter of all hooks should be kept clean to ensure they fit to other components without being forced. If in any doubt about the proper use and maintenance of the scaffold tower equipment, consult the manufacturer.
- Do not misuse or abuse the scaffold tower with heavy objects, hammers etc. Do not throw components in and out of vehicles or to the ground when the tower is being dismantled. Such abuse may reduce the structural integrity of the scaffold tower. Adjustable leg’s thread should be clean and lightly oiled. Under no circumstances damage or incorrect components shall be used, Either repair it or get a replacement.

USE OF STABILIZERS

Stabilizers are to be used, when specified, to guarantee the structural stability of the tower.

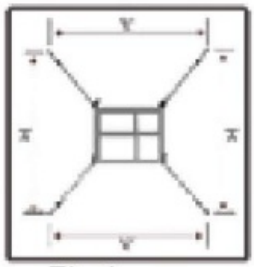


Fig 1

Fig 2

Fig 3

ALWAYS ENSURE STABILIZER SIZE IS CORRECT AND ABLE TO SUPPORT TOWER

Lightly tighten the upper clamps above the third rung on each corner post. Position the lower clamp above the bottom rung. Ensure the lower arm is as horizontal as possible. Position the stabilizers so that the footpads are approximately equidistant from each other, as shown in Fig 1. Adjust the stabilizer and reposition the clamps as required to make firm contact with the ground. Ensure the clips with locking pin are in place. When in the correct position, tighten the clamps firmly. To position the tower against a wall, do not remove the stabilizer; move parallel to the wall. (Fig 2) To position the tower in a corner, remove the inside stabilizer and place the outside two parallel with the wall. (Fig 3)

MOVING A TOWER:

1. If you must move a tower, remove all materials and personnel. When moving a scaffold tower, force must be applied from the base. The tower should only be moved manually on firm, level ground which is free from obstacles. Normal walking speed should not be exceeded during relocation. The ground over which a tower is moved should be capable of supporting the weight of the structure. Make sure the tower height is not above 4 mtr while moving the tower. Recheck the tower level and reposition the stabilizer before use.
2. Check the location is firm and free from potholes.
3. Raise the stabilizer feet only enough (25mm) to clear the Obstructions.
4. Wind speed should not exceed 29km/h(Beau fort force 4).
5. Check that there are no power lines or obstructions overhead.
6. Before each use check that the MAT is vertical or needs readjustment.
7. Whether the structure assembly is still correct and complete.
8. That no environmental changes influence the safe use of the MAT.
9. In accordance with current regulations any tower that has been assembled must be checked every 7 days (minimum) to ensure the tower continues to comply with the regulations.
10. That the mobile access tower is vertical or need readjustment?

Beaufort Scale	Description	Air Speed	Action
0	Calm, smoke rises easily	1mph	None Required
<3	Leave & small twigs in constant motion, wind extends light flag	12mph	No Immediate action required
4	Moderate breeze, small branches move	17mph	Cease work
5	Strong breeze, large branches bend	**25mph**	Tie tower to a rigid structure
>6	Walking progress impeded	40mph	Dismantle the tower if such conditions are expected

ASSEMBLY INSTRUCTION

The law requires that the personnel erecting, dismantling Or altering the tower must be competent. Any person erecting Ascend Mobile Tower must have a copy of this guide.

- **Step1** Press STOP Lock Brakes on all castor wheels.
- **Step 2** Insert castor and adjustable leg into the 3-rung span and ladder (or base frame) Make sure all the adjusting nuts are approximately at the same height.
- **Step 3** Add two horizontal braces, BLUE color cAe frame as low as possible. Both Brace hook line must face from ithe nside towards outside.



- **Step 4** Position two diagonal braces with YELLOW colour code from first to third rung of each frame in the opposite direction as illustrated.
- **Step 5** Fit trapdoor Platform on 1st rung allowing the correct guardrail height above.


- **Step 6** Fit four handrail braces two on the outside and two on the mid-rung of the frame as shown, on lower levels these may not be required.
- **Step 7** Level the mobile tower, using sprit level. Use an adjustable leg of the wheel to level the tower.
- **Step 8** Standing on the platform fit one Span & one Ladder frame, ensuring the ladder frames are in line.



- **Step 9** After adding frames engage interlock clips.
- **Step 10** Continue with diagonal brace in zig -zag pattern from 3ª to 5* and 5t to 7″ rung both sides in Opposite directions make sure the diagonal brace is aligned.


- **Step 11** Remove trapdoor platform 1st rung and fit 3 ‘ rung from the top and make sure trapdoor opens on the side of ladder frame, apply wind lock system onto the frame rung. (as illustration 3)
- **Step 12** Fit stabilizers ASAP to increase the base dimension. Position the stabilizer so that thefoot pads are approximately equidistant from other at 45° for maximum stability.
- **Step 13** sitting through the door opening of the platforms, position horizontal brace on 6h & 7h rung On both the open sides of platform. Two on the outer side and two on the mid-rungs of the frame.



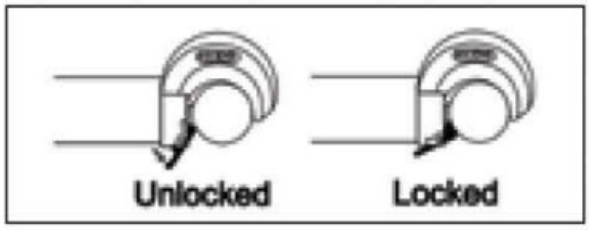
- **Step 14** Continue to build the tower using the 3T method, same as step 8, 0 10 11 &12.
- **Step 15** Position platforms at final height of the structure on 3” rung from the top. ensure wind lock systems are in the correct locked position.


- **Step 16** Sitting through trapdoor fit two horizontals on both open sides of the platforms.

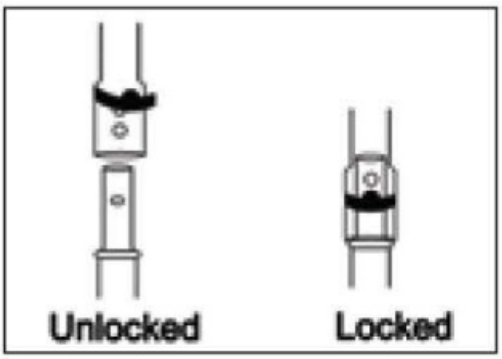
- **Step 17** Fit the toe board. Slide the side board into the correct slot in the board. Ensuring the object shouldn't fall and trap door opens fully.

ILLUSTRATION

Assembly Process

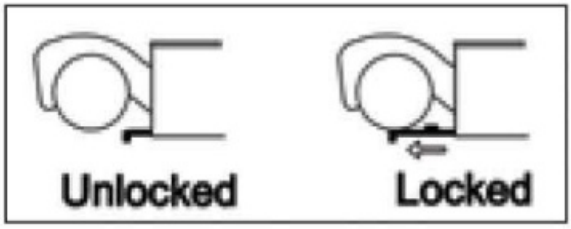


1. Brace lock – Sort the braces into horizontal and diagonal braces, the diagonal brasses are slightly longer

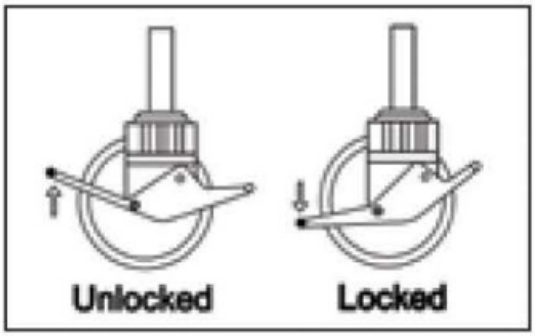


2. Snap pins – Unlock the interlock Clips on all frames. When installed, always move the interlock clip to the

“Locked” Position.



3. Windlock – A windlock clip is installed on the platform at the hook. This is locked as shown here.



4. Wheel lock – Install castor/leg assembly to frame by pushing the leg into the frame tube. This Should be done with manual force only, no tools. Lock Castors before ascending any part of the tower.

Dismantling the Tower

Please Dismantle the Tower reverse from build process.

RAPID TOWER BASEOUT

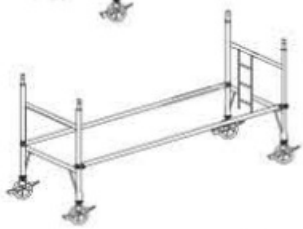
1.7m Baseout

This base out will allow the operative to achieve

1: Fit leg and castor assembly into the 2 rung Span Frame and in 2 rung Ladder Frame

2: Fit horizonal brace on frame lower rung on each side as shown

3: Attach both horizontal braces to Ladder frame as shown in illustration



4: Fit 3 rung Span and Ladder frames,ensure the interlock clips are engaged

5: Fit 2 diagonal braces in opposing direction from the 1st rung to the 3rd rung as shown

6: Place platform on the 3rd rung ensuring hatch is to the ladder side and it opens outwards.check the platform is secure and level then lock the wind locks.

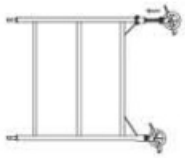
7: Fit the stabilisers ensuring that the maximum footprint is achieved.

8: Using the 3T method of assembly,fit horizontal bracing on the 4th and 5th rungs.The platform is now safe Stand On.

2.7m Baseout

This base out will allow the operative to achieve 2.8m, 4.8m,6.8m, 8.8m and 10.8m Platform heights

1: Fit leg and castor assembly into the 3 rung Span Frame and in 3 Rung Ladder Frame.



2: Fit horizonal brace on frame lower rung on each side as shown

3: Attach both horizontal braces to Ladder frame as shown in illustration

4: Fit 2 diagonal braces in opposing direction from the 1st rung to the 3rd rung as shown.Fit 4rung ladder and span frame,ensure the interlockclips are engaged

5: Fit the stabilisers ensuring that the maximum footprint is achieved.

6: Fit another 2 diagonal braces in opposing direction from the 3rd rung to the 5th rung.

7: Place platform on the 5th rung ensuring hatch is to the ladder end and it opens outwards. check the platform is secure and level then lock the windlocks.Using the 3T method of assembly,fit horizontal bracing on the 6th and 7th rungs,the platform is now safe to stand on.Please note you need to use a Platform on the 1st Rung

2.0m Baseout

This base out will allow the operative to achieve 2.3m, 4.3m,6.3m,8.3m and 10.3m Platform heights

1: Fit leg and castor assembly into the 2 rung Span Frame and in 2 Rung Ladder frame.

2: Fit horizonal brace on frame lower rung on each side as shown

3: Attach both horizontal braces to Ladder frame as shown in illustration

4: Fit 4 rung Span and Ladder frames,ensure the interlock clips are engaged

5: Fit 2 diagonal braces in opposing direction from the 1st rung to the 3rd rung as shown

6: Place platform on the 4th rung ensuring hatch is to the ladder side and it opens outwards.check the platform is secure and level then lock the wind locks.

7: Fit the stabilisers ensuring that the maximum footprint is achieved.

5: Fit 2 diagonal braces in opposing direction from the 3rd rung to the 5th rung as shown

9: Using the 3T method of assembly,fit horizontal bracing on the 5th and 6th rungs.The platform is now safe Stand On.

“Do not stand on the unprotected platform”

Documents / Resources

	**GAZELLE G6308 Double Width Scaffold Tower** [pdf] Instruction Manual G6308, G6308 Double Width Scaffold Tower, Double Width Scaffold Tower, Width Scaffold Tower, Scaffold Tower, Tower

References

- **User Manual**