

## SINGLE WIDTH ALUMINIUM SCAFFOLD TOWER EQUIPMENT

# GENERAL SAFETY RULES

1. Check instructions before use. Mobile access working towers may only be erected and dismantled by persons familiar with these instructions for erection use.
2. Do not use any scaffold tower which is damaged, which has not been properly erected, which is not firm and stable, and which has any missing or damaged parts.
3. Do not erect a scaffold tower on unstable ground or objects such as loose bricks, boxes or blocks. Only a sound rigid footing must be used.
4. Ensure that the scaffold tower is always level and the adjustable legs are engaged. Check that you have taken all necessary precautions to prevent the tower being moved, or rolling away. Always apply all castor brakes or use base plates.
4. Ensure that all frames, braces and platforms are firmly in place and that all locking hooks are functioning correctly. Ensure that all frame locking clips are engaged. If any missing, replace them.
5. Ensure that the scaffold tower is within the maximum platform height is stated, and that the appropriate stabilizers are fitted.
6. Outdoor scaffold towers should, wherever possible, be secured to a building or other structure. It is good practice to tie in all scaffold towers of any height, especially when they are left unattended, or in exposed or windy conditions.
7. A scaffold tower must not be used in winds stronger than 7.7 meters per second. Beaufort scale 4. Be cautious if erecting or using the tower in open places, such as hangers or unclad buildings. In such circumstances the wind forces can be increased, as a result of the funnelling effect.
8. Do not use sheeted towers.
9. Do not erect or use a scaffold tower near un-insulated, live or energised electrical machinery or circuits, or near machinery in operation.
11. If an overhead hazard exists, head protection should be worn.
12. Do not lean ladders against the tower, or climb the outside of the tower. Whatever your intended access system, it should only be used inside the tower.
13. Never climb on horizontal or diagonal braces. Do not gain access or descend from the working platform other than by the intended access system.
14. Do not work from ladders or stairways, they are a means of access only.
15. Guardrails and Toeboard's must be fitted to the working platforms.
16. Never jump on to or off platforms.
17. DO NOT exceed the safe working load of the platform or structure by accumulating debris, material or tools on platforms as these can be a significant additional load.
18. If you must move a tower, remove all materials and personnel. When moving a scaffold tower, force must always be moved 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.
19. Should you require additional platform height, add further frames. NEVER extend your adjustable legs to achieve extra height, these are for levelling only. NEVER use a ladder or other objects on the platform to achieve additional height.
20. It is not permissible to attach and use hoisting facilities on towers, unless specifically provided for by the manufacturer.
21. It is not permissible to attach bridging sections between a scaffold tower and a building. Refer to the tower manufacturer.
22. **ALWAYS TAKE CARE OF ALUMINIUM SCAFFOLD TOWER EQUIPMENT. REMEMBER YOUR SAFETY DEPENDS ON THE SAFE ERECTION AND USE OF THE EQUIPMENT. RESPECT IT.**

## MAINTENANCE RULES

1. Ensure that the scaffold tower is kept clean, especially the spigots and sockets. These should fit together with ease and be secured by an interlock clip.
2. Check frames and braces, adjustable legs and boards for paint, grit, burrs etc. Remove any foreign substance with a light wire brush. Check no slip hazards exist on the platform.
3. Where brace, ladder and platform hooks attach the frames, ensure that the frame rungs are kept clean.
4. Ensure that all locking hooks function correctly. If necessary lubricate with light oil.
5. The inside diameter of all hooks should be kept clean to ensure they fit to other components without being forced.
6. If in any doubt about the proper use and maintenance of the scaffold tower equipment, consult the manufacturer.
7. 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.
8. Under no circumstances use a scaffold tower which damaged, has not been properly erected, is it not rigid and which has any missing parts.
9. **REMEMBER YOUR SAFETY DEPENDS ON THE SAFE ERECTION AND USE OF THIS EQUIPMENT. RESPECT IT.**

## USE OF STABILIZERS

Stabilizers increase the EFFECTIVE BASE dimensions and improve the STABILITY of the tower.  
Position the stabilizers symmetrically to obtain the MAXIMUM BASE DIMENSION, use the full adjustment of the telescopic stabilizers.

OPTIMUM BASE DIMENSION	MAX HEIGHTS	STABILIZER TYPE
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### SINGLE WIDTH TOWER

Single Width	1.41M	NONE
1.88M	5.13M	STANDARD
5.59M	7.91M	TELESCOPIC

\*Due to general tower rigidity it is recommended that the maximum platform height of a single width tower is 8.0m unless the tower is tied in.



## KLIK SINGLE WIDTH LADDER FRAME ERECTION INSTRUCTION MANUAL

TUV CERTIFIED QUALITY SYSTEM  
TO ISO9001:2008

GS PRODUCT APPROVAL  
TO BS.EN.1004 3 8/12 XXXD

INSTRUCTIONS FOR USE TO  
BE FOLLOWED CAREFULLY

MANUFACTURED BY EURO TOWERS LTD

Horizontal Brace  
2M Black / Green / Red  
2.5M Black / Green / Yellow  
3M Black / Green / Blue

End Toeboard

Ladder Frame  
3,4 or 5 Rung

Stabilizer

Trapdoor Platform

Side Toeboard

Plain Frame  
3,4 or 5 Rung

Diagonal Brace  
2M White / Green / Red  
2.5M White / Green / Yellow  
3M White / Green / Blue

Castor / Adjustable  
Leg

**NEVER CLIMB SCAFFOLD ON  
THE OUTSIDE OF THE FRAME**

**MAX SAFE WORKING LOAD FOR STRUCTURE 750KG  
MAX SAFE WORKING LOAD FOR PLATFORM 250KG**

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# KLIK LADDER FRAME SCAFFOLD TOWER SINGLE WIDTH KIT LIST

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## AVAILABLE IN THREE LENGTHS: 2m, 2.5m or 3m

This range of Single Width Tower gives an exceptional versatile system ideal for working in narrow and confined spaces such as stairwells, corridors, alleyways etc. All frames can be used as uppers or lowers, simply place the platform on the third rung below the top of the tower and the correct guardrail height is achieved.

WORK HEIGHT	3.41m	3.88m	4.34m	4.81m	5.27m	5.73m	6.20m	6.66m	7.13m	7.59m	8.05m	8.52m	8.98m	9.45m	9.91m
OVERALL TOWER HEIGHT	2.66m	3.13m	3.59m	4.06m	4.53m	4.98m	5.45m	5.91m	6.38m	6.84m	7.30m	7.77m	8.23m	8.70m	9.16m
PLATFORM HEIGHT	1.41m	1.88m	2.34m	2.81m	3.27m	3.73m	4.20m	4.66m	5.13m	5.59m	6.05m	6.52m	6.98m	7.45m	7.91m
PARTS LIST															
CASTOR	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
ADJUSTABLE LEG	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
3 RUNG FRAME		2	1			2	1			2	1			2	1
3 RUNG LADDER FRAME		2	1			2	1			2	1			2	1
4 RUNG FRAME			1	2	1	1	2	3	2	2	3	4	3	3	4
4 RUNG LADDER FRAME			1	2	1	1	2	3	2	2	3	4	3	3	4
5 RUNG FRAME	1				1				1				1		
5 RUNG LADDER FRAME	1				1				1				1		
DIAGONAL BRACE	2	2	3	3	4	4	5	5	6	6	7	7	8	8	9
HORIZONTAL BRACE	6	6	6	10	10	10	10	10	10	10	14	14	14	14	14
TRAPDOOR PLATFORM	1	1	2	2	2	2	2	2	2	2	3	3	3	3	3
STANDARD STABILIZER		4	4	4	4	4	4	4							
TELESCOPIC STABILIZER									4	4	4	4	4	4	4
TOEBOARD ASSEMBLY	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
TOWER WEIGHT (Kgs)															
2m WEIGHT	80	94	114	125	130	136	142	145	157	163	190	193	198	204	210
2.5m WEIGHT	82	104	127	139	145	151	157	160	172	178	210	214	219	225	231
3m WEIGHT	88	110	138	152	158	164	170	174	186	192	229	234	240	345	252

### BASE SET UPS:

Fig 1

WORKING PLATFORM	BASE FRAME	NEXT FRAME	FURTHER FRAMES**	PLATFORM RUNG POSITIONS
1.41m / 3.27m / 5.13m / 6.98m	5 RUNG	4 RUNG	4 RUNG	3* 7 11 15
1.88m / 3.73m / 5.59m / 7.45m	3 RUNG	3 RUNG	4 RUNG	4* 8 12 16
2.34m / 4.20m / 6.05m / 7.91m	3 RUNG	4 RUNG	4 RUNG	1* 5 9* 13 17
2.81m / 4.66m / 6.52m	4 RUNG	4 RUNG	4 RUNG	2* 6 10 14
*REPOSITION PLATFORMS WHERE REQUIRED **SEE USING ALTERNATIVE FRAMES NOTE				

**BASE SET UP:** You must get your base set up correct in order to achieve safe guardrail heights on rest and working platforms. Safe guardrails require 2 rungs above every platform.

**PLATFORM POSITIONS:** Fit platforms every 4 rungs, Temporary platforms enable safe assembly, if temporary platforms are used in assembly they must be repositioned during dismantling. Trapdoors must be fitted at the ladder frame end.

**ALTERNATIVE FRAMES AND BRACE PATTERN:** Where 2 x 4 rung frames are stated, these can be replaced by 1 x 5 rung and 1 x 3 rung, Ladder or Plain frame. Diagonal braces should be in a continuous pattern from rung to rung except where interrupted by a rest platform, diagonal braces can be stepped up/down 1 rung.

These changes do not compromise the towers structural integrity.

PLEASE NOTE: Continue assembly repeating steps 8- 12 until working platform height is achieved. Always ensure that guardrails are in place for each level to prevent falls. Reposition where required during assembly and dismantling.

MAXIMUM VERTICAL DISTANCE BETWEEN PLATFORMS MUST NOT EXCEED 4.0M

# KLIK SINGLE WIDTH LADDER FRAME ERECTION INSTRUCTION MANUAL

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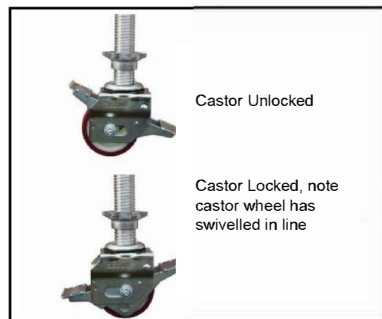
The tower requires a minimum of 2 people for assembly; do not attempt to assemble a tower by yourself



1 Insert two adjustable legs and castors into frames.



2 Fit in 2 horizontal braces to the vertical member of the frames, as low as possible, below the 1st rung. All horizontal braces fit on from inside the tower facing out.



3 Lock castors and level tower.



4 Facing the plain frame fit 1 diagonal to the bottom rung as close to the right hand frame vertical as possible. Facing the ladder frame fit 1 diagonal to the bottom rung as close to the ladder as possible.



5 Facing the ladder frame, fit a trapdoor platform on appropriate rung\* inside the brace hook as near to the ladder as possible (\*see base set up Fig 1 for guide).



6 From a sitting position through the trapdoor (3T) fit four horizontal braces to the frame verticals above the rungs pushing from inside to out.



7 Secure stabilizers as soon as possible to increase tower stability, the lower arm as close to horizontal as possible.



8 To add frames, stand on platform and offer frame up to the spigots ensuring ladder runs continuously.



9 After adding frames, engage interlock clips.



10 Fit the diagonal braces to continue in a regular pattern from rung to rung except when interrupted by an intermediate trapdoor platform.



11 Facing the plain frame, fit a trapdoor platform on appropriate rung\* over the brace hook as near to the frame vertical as possible, trapdoor to ladder frame end (\*see base set up Fig 1 for guide).



12 From a sitting position through the trapdoor (3T) fit four horizontal braces to the frame verticals above the rungs pushing from inside to out.

**PLEASE NOTE** - If temporary platforms are used during assembly reposition them during dismantling. Single width towers have 2 braces at the base and singular thereafter on alternate sides.

Continue erecting tower to final tower height, repeating steps 8-12.

**MOVING A TOWER** Remove people and materials from the tower, and reduce the height of the tower to 4.2m. Adjust and raise the stabilizers 25mm from the ground, ensure the couplers are tight, and push from at or near the base by manual effort only, never use mechanical means. Recheck level and reposition stabilizers before use.

**Braces should be in a continuous pattern from rung to rung except when interrupted by an intermediate platform.**



13 Fit Toeboard's in the correct position.



14 Dismantling is the reverse of assembly except to remove guardrail braces. Unclip the far end hooks and then from a sitting position through the trapdoor (3T) remove the guardrail braces. Do not remove the handrails whilst standing on the platform; this would put you at risk.