

GENERAL SAFETY RULES

Before You Start

- Familiarize yourself with these instructions paying attention to these safety notes before you use the equipment supplied. Mobile towers may only be assembled and dismantled by persons familiar with these instructions.
- You will require the following Personnel Protective Equipment (PPE) to help avoid personal injury, Hard Hat, Safety Gloves, Safety Shoes or Boots.
- Inspect the individual components to ensure that they are not damaged and that they function properly. Damaged components shall not be used. Only use genuine Euro Towers components with this tower, incorrect components shall not be used.
- Check the quantity of components supplied corresponds correctly to the kitting list of the tower height you are planning to build. Do not start assembly if you do not have the correct number of components. Do not use any tower that has missing or damaged parts or has not been properly assembled.
- Check the surface on where you are going to assemble the tower is clear of excessive debris and can support the weight of the tower, equipment and persons to be on the tower. Do not assemble the scaffold tower on unstable ground such as drain grates, covers or duct covers or objects such as loose bricks, boxes or blocks.
- Check for overhead hazards such as power lines. Do not assemble a tower near un-insulated, live or energised electrical machinery or circuits, or near machinery in operation.
- Euro Towers recommend a minimum of 2 persons to build this tower system. For taller towers you may require additional persons.
- Mobile Scaffold Towers are not designed to be lifted or suspended by a crane or any other lifting device.

Inspection, Maintenance and Transport

- Regularly inspect the individual components to ensure that they are not damaged and that they function properly. Damaged components shall not be used and shall be removed from use. Damaged components should be replaced, sent for repair or be destroyed.
- Inspect all tubes on frames, stabilizers and braces for dents, cuts and holes. Equipment with excessive tube dents (5mm depth) should be used. Check all joints for cracked welds and that they are secure.
- Inspect brace hooks, check the clicker works freely, and that the hook is not distorted from abuse. Check the brace is not bent out of shape.
- Inspect platforms for damage to the decking and fixings, and that (if fitted) trapdoors open and close freely. Check the aluminium framework for damage and weld condition, look out for cracked welds due to overloading. Check the hooks are not distorted from abuse.
- Inspect stabilizer couplers tighten and can be loosened freely, ensure rubber foot is in securely fitted and not worn out, check adjusting pins on telescopic stabilizers are fitted and secured.
- Inspect castors, checking that the wheel turns and spins freely, that the brake engages and stops the wheel from spinning and that the wheel has no flat spots.
- Inspect the adjustable leg threads are clean from burrs and the nut run freely up and down the thread. Check the nut housing for abuse or missing nodules.
- Light oil or a lubricating spray may be used to free up jammed clickers, castors, adjustable leg nuts, trapdoor hinges and latches.
- When transporting the components do not use excessive strapping forces when securing the load, this may distort components if not done properly.

Further information on inspection and maintenance can be found on Euro Towers Inspection Posters. For further safety information or downloading instructions call Euro Towers or visit our website.

Assembly & Dismantling

- All components should be passed up or down by hand where possible, where this is not possible use a suitable material for lifting (e.g. Heavy, corded rope) and sufficient knot ties (e.g. Hitch knot or Timber Hitch). Do not use mechanical hoists.
- Always climb the inside of the tower using the ladders provided. Never climb up the outside on any tower.
- If outside be aware of adverse weather or windy conditions. Be aware of changes to the environment in which you are using your tower that could make it unsafe.
- Do not lean ladders against the tower or climb the outside of the tower, only ascend and descend via the supplied access system from inside the tower, use the trapdoor for access.

Safe Use

- Should you require additional platform height, add further components. 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.
- Before use, check that all components listed have been used in the tower in the correct position.
- Be aware of imposing side loads onto your tower by the work you are carrying out, such as the use of power tools or high-pressure jets. The maximum side load allowed is 20Kg.
- 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. Loads must be evenly spread and not block trapdoors.
- It is not permissible to attach and use hoisting facilities on towers, unless specifically provided for by Euro Towers Ltd.
- Never climb on horizontal or diagonal braces. Do not gain access or descend from the working platform other than by the included access system. Never jump on to or off platforms.
- Guardrails and Toeboards must be fitted to working platforms.
- It is not permissible to attach bridging sections between a scaffold tower and a building.

Stability

- 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.
- Ensure that the scaffold tower is within the maximum platform height as stated, and that the appropriate stabilizers are fitted.
- A scaffold tower must not be used or moved in winds stronger than 7.7 meters per second. Beaufort scale 4. (17mph).
- If the wind speed is likely to get up to or exceed 25mph the tower should be tied to a suit adjacent structure, if no structure is available you must dismantle the tower completely before it is exposed to these strong winds.
- When moving a tower plan the route, remove all persons and equipment from the tower, walk the route checking that the ground can take the weight of the tower and looking out for obstructions and hazards on the ground and overhead. If you have any doubt about the route dismantle the tower and re-assemble in the new required location.
- To move a tower safely, adjust the top clamp of the stabilizers and lift the rubber foot no more than 25mm from the ground, release the braked wheels and push the tower at normal walking speed to the required position. Once in position reapply brakes, level tower and reposition all stabilizer feet to ensure firm contact with the ground. The maximum height you can move a tower is 4.2m platform
- Ballast weights can be used where it is not possible to fit the required stabilizers. They must be solid materials and cannot be granular or liquid, they must be secured to the tower and placed as low down as possible, this can be on extra platform(s). Stabilizers or Ballast weights must be used when stated in the kit list. For further information on the use of Ballast Weights contact your supplier or Euro Towers Ltd.

EURO TOWERS LTD

UK Manufacturer of Aluminium Access Equipment

TEL: 01604 644 774

sales@eurotowers.co.uk | www.eurotowers.co.uk

KLIK SINGLE WIDTH LADDER FRAME 3T - THROUGH THE TRAPDOOR METHOD

TUV CERTIFIED QUALITY SYSTEM
TO ISO9001:2015

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 A MOBILE TOWER
ON THE OUTSIDE OF THE FRAME

MAX SAFE WORKING LOAD FOR TOWER 750KG (including self-weight)
MAX SAFE WORKING LOAD PER PLATFORM 250KG

Euro Towers Ltd, Unit 5 Edgemoor Close, Round Spinney, Northampton, NN3 8RG JULY/18

KLIK LADDER FRAME SCAFFOLD TOWER SINGLE WIDTH KIT LIST

JULY/18

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.

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

| | | | | | | | | | | | | | | | |
|-----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 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 | | | | |

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

PLEASE NOTE - If temporary platforms are used during assembly, reposition them during dismantling.

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.

MAXIMUM VERTICAL DISTANCE BETWEEN PLATFORMS MUST NOT EXCEED 4M

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.

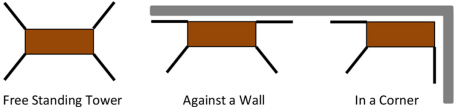
These changes do not compromise the towers structural integrity.

STABILIZERS

Stabilizers increase the EFFECTIVE BASE dimensions and improve the STABILITY of the tower. Position the stabilizers symmetrically to obtain the MAXIMUM BASE DIMENSION.

| PLATFORM HEIGHTS | MAXIMUM HEIGHT | STABILIZER TYPE |
|------------------|----------------|-----------------|
| 1.2m | 2.2m | NONE |
| 2.7m | 5.2m | STANDARD |
| 5.7m | 12.2m | TELESCOPIC |

Stabilizers must be used for all platform heights of 2.2m and above at all times.



KLIK SINGLE WIDTH LADDER FRAME ERECTION INSTRUCTION MANUAL

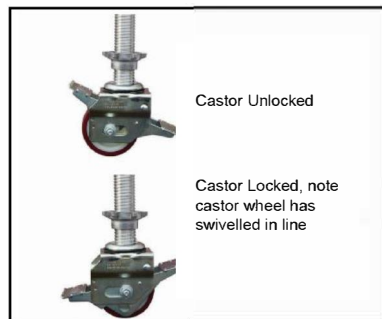
The tower requires a minimum of 2 people for assembly; do not attempt to assemble a tower by yourself



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.
The scaffold must be vertical in both planes within an inclination of 1%



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.



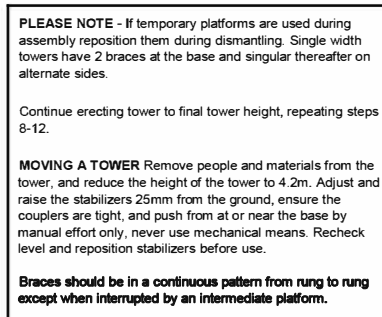
10 Fit the diagonal braces to continue in a regular pattern from rung to rung except when interrupted by an intermediate trapdoor platform.



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.