

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

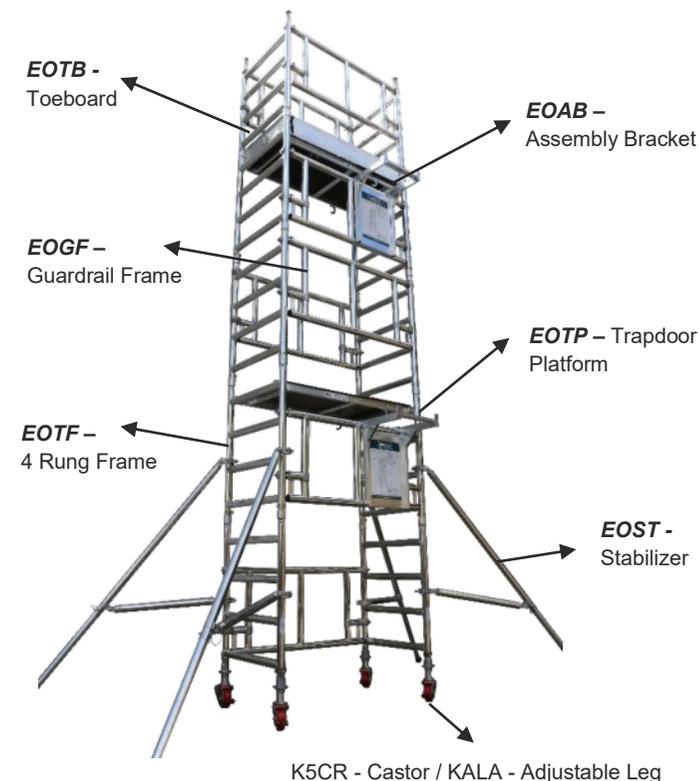
- Ensure that the scaffold tower is always level and the adjustable legs are engaged. Check that you have taken all necessary precautions to prevent the tower being moved or rolling away. Always apply all castor brakes or use base plates.
- Ensure that the scaffold tower is within the maximum platform 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.



INSTRUCTION MANUAL

(Platform Heights 1.1m, 2.1m, 3.1m & 4.1m)

Version A



MAX SAFE WORKING LOAD FOR STRUCTURE: 550KG
MAX SAFE WORKING LOAD FOR PLATFORM: 150KG

Manufactured in the UK by Euro Towers Ltd
REV 1.2 Aug15

EURO ONE TOWER KIT LIST



| CODES | EURO ONE KIT LIST | 1.1m | 2.1m | 3.1m | 4.1m |
|-------|-------------------|------|------|------|------|
| K5CR | CASTOR | 4 | 4 | 4 | 4 |
| KALA | ADJUSTABLE LEG | 4 | 4 | 4 | 4 |
| EOTF | 4 RUNG FRAME | 4 | 6 | 8 | 10 |
| EOGF | GUARDRAIL FRAME | 3 | 4 | 6 | 7 |
| EOTP | TRAPDOOR PLATFORM | 1 | 1 | 2 | 2 |
| EOST | STABILIZER | 4 | 4 | 4 | 4 |
| EOTB | TOEBOARD | 1 | 1 | 1 | 1 |
| EOAB | ASSEMBLY BRACKET | 0 | 1 | 2 | 2 |

SPECIFICATION

| | |
|-------------------|------------------------|
| PLATFORM HEIGHTS | 1.1m, 2.1m, 3.1m, 4.1m |
| TOWER HEIGHTS | 2.3m, 3.3m, 4.3m, 5.3m |
| WORKING HEIGHTS | 3.1m, 4.1m, 5.1m, 6.1m |
| PLATFORM LENGTH | 1.3m |
| PLATFORM WIDTH | 0.70m |
| TOWER WEIGHT | 130 Kgs |
| SAFE WORKING LOAD | 150 Kgs per Platform |

BEFORE YOU START, WHICH HEIGHT DO YOU REQUIRE?

Please note that the assembly procedures differ subject to your required platform height (1.1m and 3.1m) (2.1m and 4.1m)

See guide below:

We recommend that wherever possible all mobile aluminium towers are secured to a building or other structure. It is good practice to tie in scaffold towers of any height



PLEASE REFER TO PAGES 3-5 FOR THE 1.1M AND 3.1M BUILD SEQUENCE.
The bases shown are prior to stabilizers being added.



PLEASE REFER TO PAGES 6-8 FOR THE 2.1M AND 4.1M BUILD SEQUENCE.
The bases shown are prior to stabilizers being added.

The Euro 1 Tower can also be used as a trolley for transport purposes.



PLEASE NOTE: DISMANTLING IS THE REVERSE OF ASSEMBLY

EURO ONE TOWER ASSEMBLY GUIDE (1.1m & 3m Build Sequence)



1. Insert legs and castors into a pair of frames.



2. Fit a guardrail frame to the vertical member above the 3rd rung with the hooks facing outwards.



3. Fit 1 set of frames to each end of the tower.



4. Ensure all interlock clips are engaged.



5. Fit platform on the 4th rung as shown.



6. Ensure that the tower base is level at this point.



7. Fit a guardrail frame to each side of the platform (hooks facing outwards) Top hook above the top rung of the end frames. (Refer to labelling to ensure that the frame is the correct way up)



8. Ensure that all frames are securely fitted and that they are located the correct way up (use labelling as a reference)



9. Fit toeboard by unfolding the set above the platform (please use labelling as a reference to ensure that the toeboard is the correct way up.



10. Access the platform using the trapdoor as shown and begin work.

**1.1m
Build
Complete**

EURO ONE TOWER ASSEMBLY GUIDE (1.1m & 3.1m Build Sequence)

**Continue
for 3.1m**



11. Remove toeboard and fit 2 assembly brackets in the position shown (side and front)



12. Assemble the frames in pairs as shown.



13. Engage interlock clips.



14. Stow 4 frames (2 pairs) on the side assembly bracket.



15. Stow 3 guardrail frames on the front assembly bracket.



16. The platform can be located on the opposing side of the tower from the frames.



17. The toeboard can be located over the platform hook using the dedicated hanging strap.



18. Before fitting stabilizers, release the pin to enable extension.



19. Fit 4 stabilizers, one on each upright of the tower.



20. Access the platform by passing under the side frame and via the trapdoor platform.



21. Retrieve a set of frames from the side assembly bracket and fit.



22. Repeat this process for the opposing side, ensuring that all interlock clips are engaged.



23. Retrieve a side guardrail frame from the front assembly bracket and locate it as shown.



24. Relocate the side "empty" assembly bracket on the front of the tower (top rung of the tallest guardrail frame as shown)



25. Retrieve a side guardrail frame from the front assembly bracket and locate it as shown.



26. Temporarily locate the toeboard assembly on the platform to allow access to the additional platform that is stowed.



27. Fit the platform, 1 rung above the side frame location as shown.



28. Fit 2 guardrail frames, with the top hook (facing outwards) set above the top rung of the frame.



29. Relocate the toeboard assembly from the lower platform to the higher level, ensuring that it is positioned on the plain section of the platform as shown.

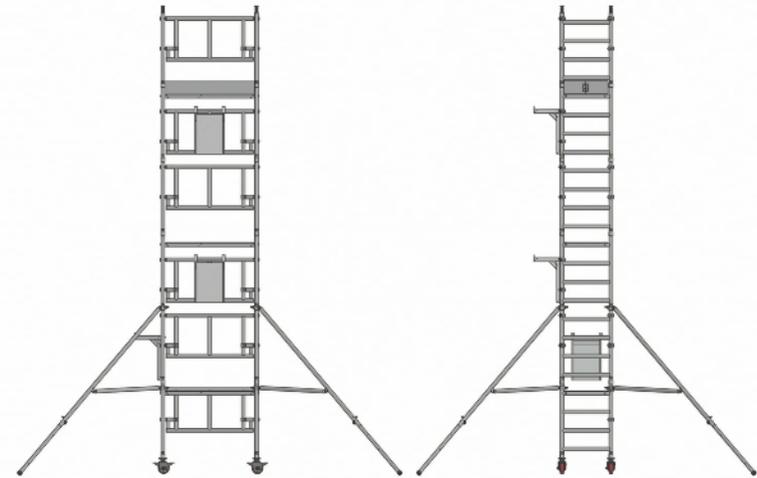


30. Access the platform using the trapdoor and unfold the toeboard.

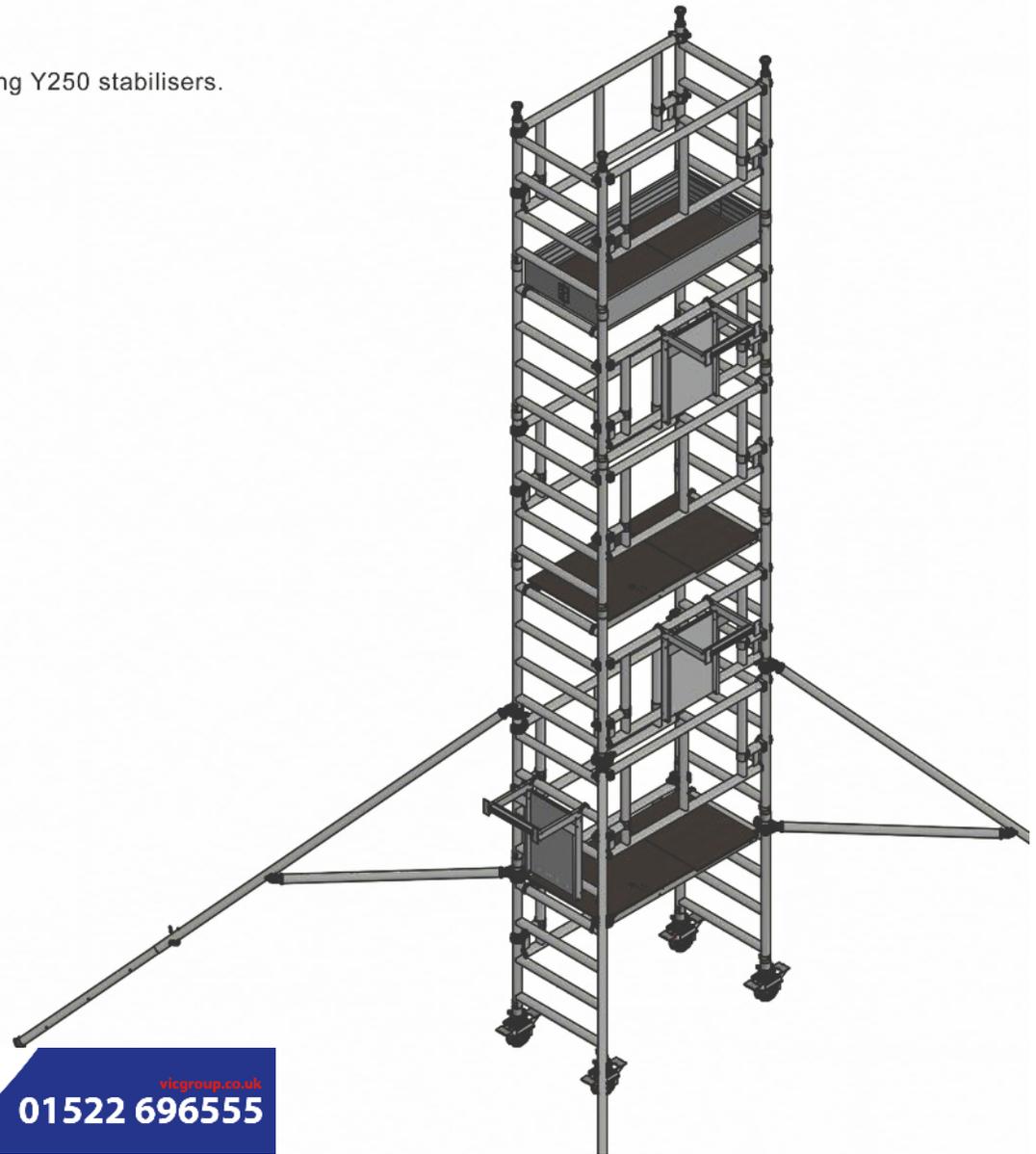
3m Build Complete

5.1m Build

For 5.1m Please continue steps 11-30 and ensure you are using Y250 stabilisers.



| PARTS LIST | | | |
|------------|-----|----------------------|-----------------------|
| ITEM | QTY | PART NUMBER | DESCRIPTION |
| 1 | 12 | EOTF | Euro One Frame |
| 2 | 4 | K5CR & KALA Assembly | Leg & Castor |
| 3 | 2 | EOAB | Assembly Bracket |
| 4 | 3 | EOTP | Trapdoor Platform |
| 5 | 1 | EOTB | Toe-Board Assembly |
| 6 | 9 | EOGF | Guardrail Frame |
| 7 | 4 | Y250 | Telescopic Stabilizer |





**2m
Assembly**

1. Insert legs and castors into a pair of frames.



2. Fit a guardrail frame to the vertical member above the 3rd rung with the hooks facing outwards.



3. Connect 2 frames together and fit onto the base section at each end.



4. Engage interlock clips.



5. Fit 1 guardrail frame above the 7th rung. Hooks facing outwards. (Refer to labelling to ensure that the frame is the correct way up)



6. Fit the platform, 1 rung above the side frame location as shown.



7. Fit 4 stabilizers, one on each upright of the tower. For the 6.1m build use the y250 stabilisers.



8. Fit an assembly bracket on the side of the tower.



9. Fit the additional assembly bracket on the front of the tower as shown.



10. Stow the frames on the side assembly bracket

EURO ONE TOWER ASSEMBLY GUIDE (2.1m 4.1m 6.1m Build Sequence)



11. Stow the guardrail frames on the front assembly bracket.



12. Relocate the toeboard assembly from the lower platform to the higher level, ensuring that it is positioned on the plain section of the platform as shown.



13. Fit 2 guardrail frames, with the top hook (facing outwards) set above the top rung of the frame.



14. Fit toeboard by unfolding the set above the platform (please use labelling as a reference to ensure that the toeboard is the correct way up).



15. Access the platform using the trapdoor as shown and begin work.

2.1m Build Complete



16. Remove toeboard.



17. Retrieve a set of frames from the side assembly bracket and fit.



18. Repeat this process for the opposing side, ensuring that all interlock clips are engaged.



19. Retrieve a side guardrail frame from the front assembly bracket and pass upwards as shown.



20. Fit 1 side guardrail the 3rd rung above the existing as shown.

Continue for 4.1m



21. Relocate the “empty” assembly bracket from the side of the tower.



22. Place the removed bracket on the top rung of the tallest guardrail frame as shown.



23. Retrieve 2 stowed side guardrail frames from the lower assembly bracket (front) pass them up to be relocated on the higher assembly bracket.



24. The frames are relocated as shown.



25. Temporarily locate the toeboard assembly on the platform to allow access to the additional platform that is stowed.



26. Remove the remaining platform from the lower section of the tower and pass up through the side frame.



27. Fit the platform, 1 rung above the side frame location as shown.



28. Relocate the toeboard assembly from the lower platform to the higher level, ensuring that it is positioned on the plain section of the platform as shown.



29. Fit 2 guardrail frames, with the top hook (facing outwards) set above the top rung of the frame.



4.1m Build Complete

30. Fit toeboard.

For 6.1m Please continue steps 16 – 29 and ensure you are using Y250 stabilisers.

6.1m Build

For 6.1m Please continue steps **16 – 29** and ensure you are using Y250 stabilisers.

Please refer to the image on the right.

