



Access Towers



www.accesstowersgroup.co.uk/manuals

AT03/01/2023

INSTRUCTION MANUAL

**EURO ONE - ONE MAN MOBILE
ALUMINIUM TOWER SYSTEM**

EURO ONE - ONE MAN MOBILE ALUMINIUM TOWER SYSTEM - VERSION A

INSTRUCTIONS FOR USE TO BE FOLLOWED CAREFULLY

MAX SAFE WORKING
LOAD FOR STRUCTURE:

550KG

MAX SAFE WORKING
LOAD FOR PLATFORM

150KG

AVAILABLE PLATFORM HEIGHTS

1.1m

2.1m

3.1m

4.1m

EOTB
TOEBOARD

EOGF
GUARDRAIL FRAME

EOTF
4 RUNG FRAME

EOAB
ASSEMBLY BRACKET

EOTP
TRAPDOOR PLATFORM

EOST
STABILIZER

K5CR
CASTOR / KALA -
ADJUSTABLE LEG

TUV CERTIFIED TO
ISO 9001:2008

GS PRODUCT APPROVAL
TO BS.EN.1004

EURO ONE - ONE MAN MOBILE ALUMINIUM TOWER SYSTEM - VERSION A

Euro One, quick assembly, one person aluminium mobile tower. Easy to erect and dismantle by one person with the base unit forming a trolley for fast storage and transportation.

- Aluminium toe board set
- Four working heights up to 6.10m
- Compact 1.3m x 0.7m base size
- Fits through standard doorways
- 250mm rung pitch
- One size frame for an easier build
- Four platform heights
- Tower condenses down to an easily transportable trolley



SPECIFICATIONS				
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	0.7m			
Tower Weight	130kg			
Safe Working Load	150kg			

EURO ONE KIT LIST	1.1m	2.1m	3.1m	4.1m
Castor	4	4	4	4
Adjustable Leg	4	4	4	4
4 Rung Frame	4	6	8	10
Guardrail Frame	3	4	6	7
Trapdoor Platform	1	1	2	2
Stabilizer	4	4	4	4
Toe Board	1	1	1	1
Assembly Bracket	0	1	2	2



GENERAL SAFETY RULES

A RISK ASSESSMENT MUST BE CARRIED OUT BEFORE USING ANY ACCESS EQUIPMENT OR WORK AT HEIGHT.

ALWAYS WEAR THE CORRECT PPE AS IDENTIFIED BY THE RISK ASSESSMENT.

1. Check instructions before use. Mobile access working towers may only be assembled and dismantled by persons familiar with these instructions before use.
2. Do not use any scaffold tower which is damaged, which has not been properly assembled, which is not firm and stable, and which has any missing or damaged parts.
3. Do not assemble 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.
5. 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 are missing, replace them.
6. Ensure that the scaffold tower is within the maximum platform height stated, and that the appropriate stabilizers are fitted.
7. 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 see Pasma Guidance Note Tying Mobile Access Towers for further information.
8. 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.
9. Do not use sheeted towers.
10. Do not assemble 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 guardrail frames. Do not gain access or descend from the working platform other than by the intended internal access system.
14. Do not work from ladders, they are a means of access only.
15. Guardrails and Toeboards must be fitted to the working platform and to any platform where materials/equipment is stored.

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; these can be a significant additional load.
18. If you must move a tower, remove all materials, personnel and break the tower down to below 4m.

When moving a scaffold tower, force must always 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.

19. Should you require additional platform height, add further frames keeping to the kit list limits.

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. It is not permissible to attach bridging sections between a scaffold tower and a building. **LOCKED** unless moving the Tower. Adjustable legs are used for levelling the Tower. **NEVER** use to gain additional height. Extra height is gained by using additional compatible components.

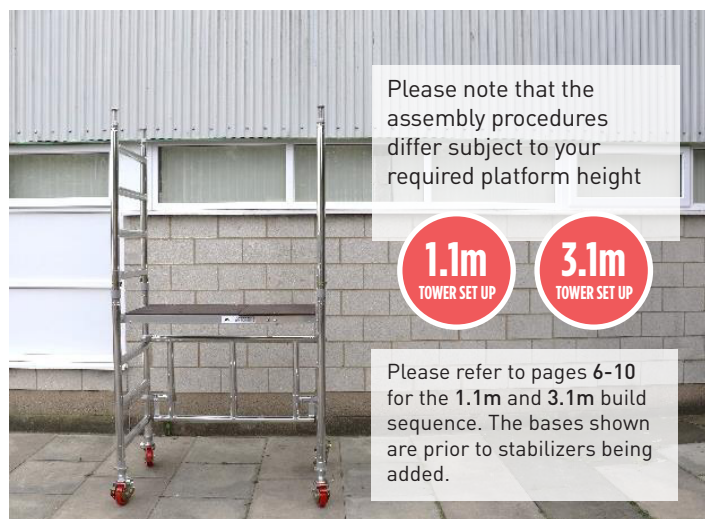
Other items such as ladders, steps, boxes etc should never be used to gain additional height to or off platforms

For further safety information and to download instruction manuals or book a training course please call Access Towers or visit our website:

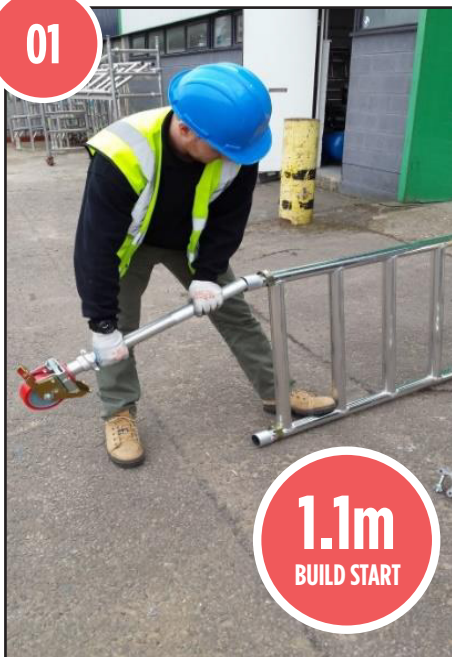
Telephone: 0208 665 1181

www.accesstowersgroup.co.uk

PLATFORM HEIGHT		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		0.7m			
TOWER WEIGHT		130kg			
SAFE WORKING LOAD		150kg per platform			
PARTS LIST					
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



01



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

02



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

03



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

04



4. Ensure all interlock clips are engaged.

05



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

06



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

07



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).

08



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

09



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



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

11



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

12



12. Assemble the frames in pairs as shown.

13



13. Engage interlock clips.

14



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

15



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

16



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

17



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

18



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

19



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

20



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

21



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

22



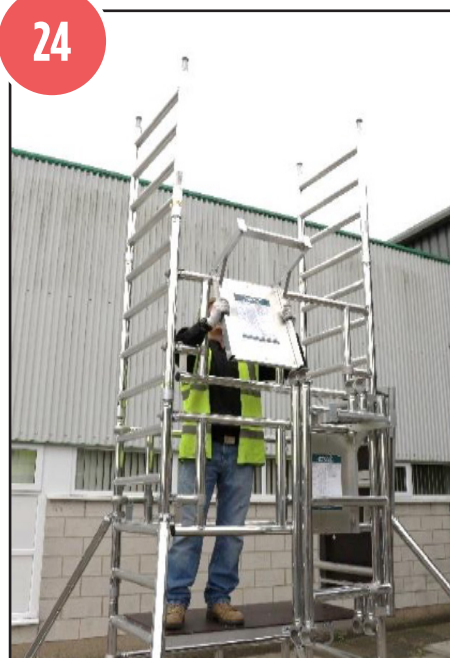
22. Repeat this process for the opposing side, ensuring that all interlock clips are engaged.

23



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

24



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

25



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

26



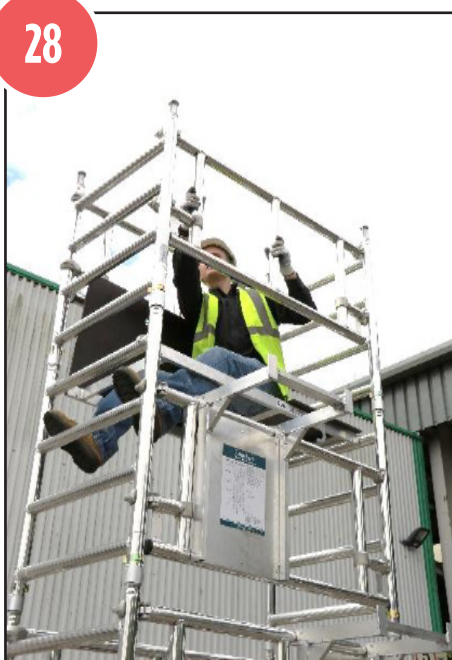
26. Temporarily locate the toeboard assembly on the platform to allow access to the additional platform that is stowed.

27



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

28



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

29



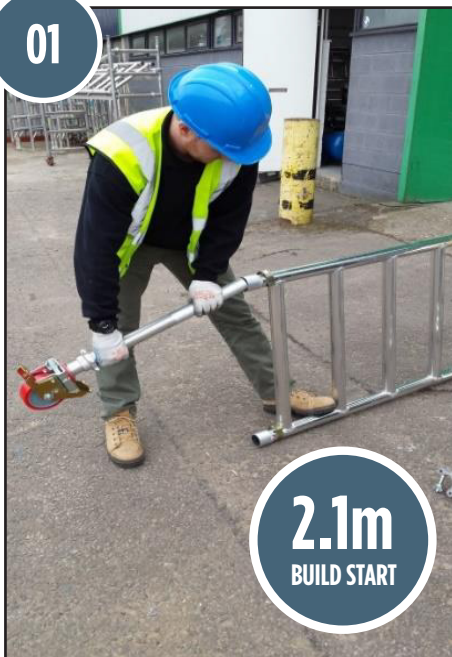
29. Relocate the toeboard assembly from the lower platform to the higher level, ensuring that it is positioned on the plain section of the platform as shown.

30



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

01



2.1m
BUILD START

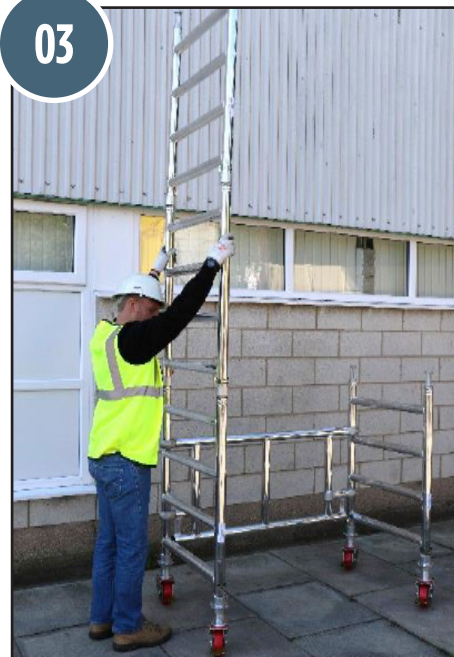
1. Insert legs and castors into a pair of frames.

02



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

03



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

04



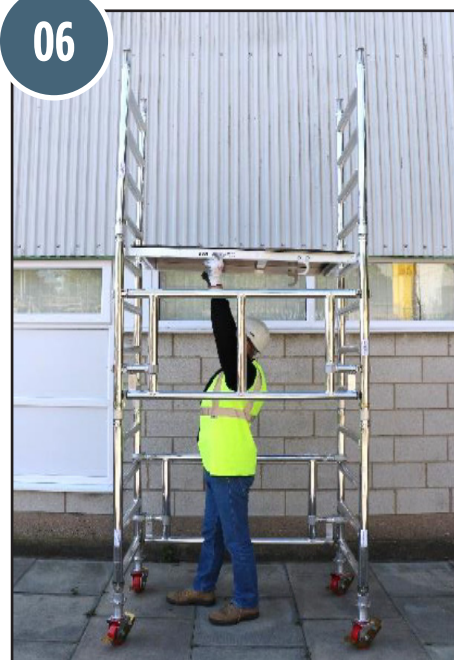
4. Engage interlock clips.

05



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).

06



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

07



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

08



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

09



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

10



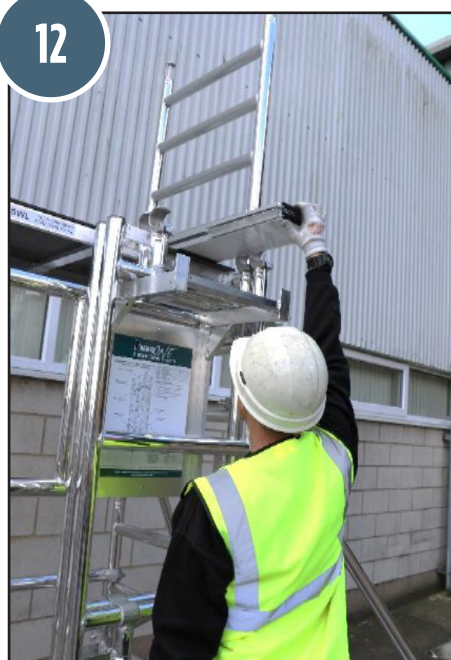
10. Stow the frames on the side assembly bracket.

11



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

12



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



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

14



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



2.1m
BUILD COMPLETE

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

16



4.1m
CONTINUE BUILD

16. Remove toeboard.

17



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

18



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

19



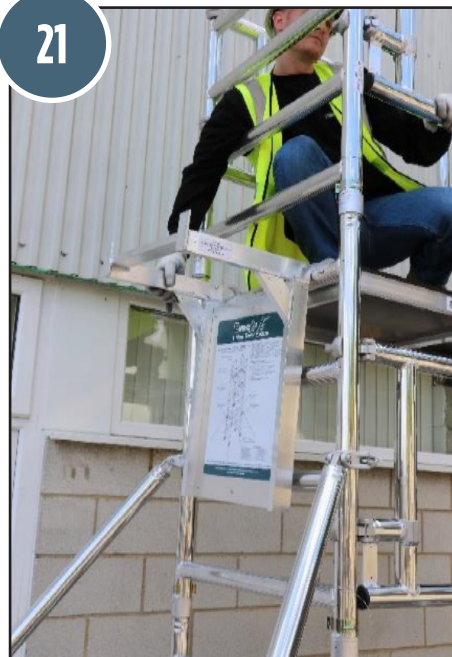
19. Retrieve a side guardrail frame from the front assembly bracket and pass upwards as shown.

20



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

21



21. Relocate the "empty" assembly bracket from the side of the tower.

22



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

23



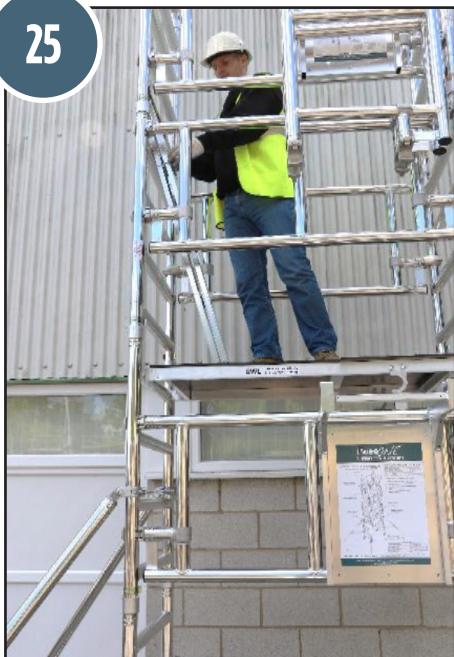
23. Retrieve 2 stowed side guardrail frames from the lower assembly bracket (front) pass them up to be relocated on the higher assembly bracket.

24



24. The frames are relocated as shown.

25



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

26



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

27



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

28



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



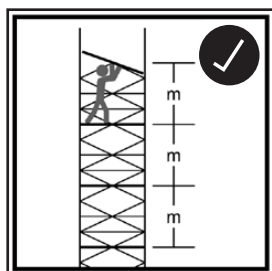
29. Fit 2 guardrail frames, with the top hook (facing outwards) set above the top rung of the frame.

30

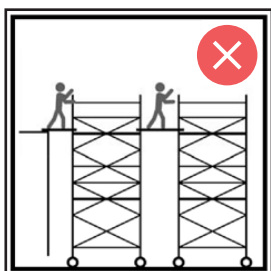


30. Fit toeboard.

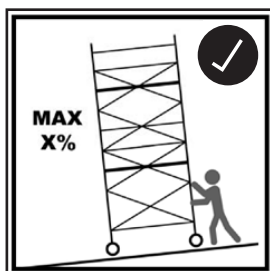
DO'S AND DON'TS WHEN WORKING WITH ACCESS TOWERS



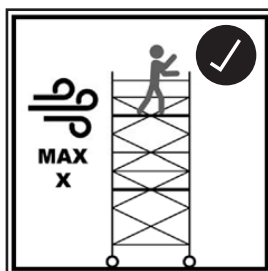
Maximum distance between platforms shall not exceed 2.25m except the distance to the first platform max 3.40m.



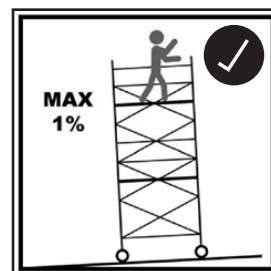
Do not bridge between towers or other structures. Please contact Access Towers for information on the correct equipment for Bridging Towers.



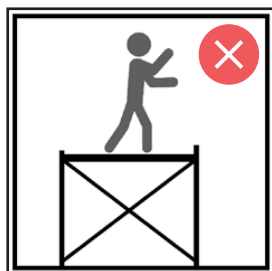
Maximum inclination for movement. Note the maximum angle allowed is defined by the manufacturer.



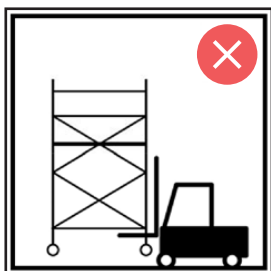
Do not build, dismantle or attempt to work on an access tower if the wind speed exceeds 17MPH.



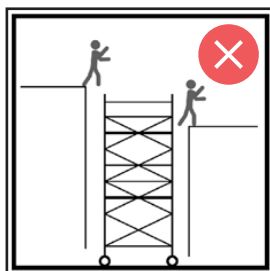
Maximum inclination for movement. Note the maximum angle allowed is defined by the manufacturer.



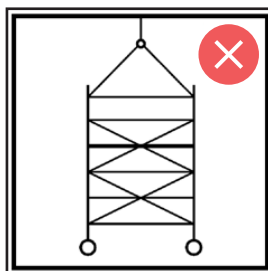
Do not stand on an unguarded platform.



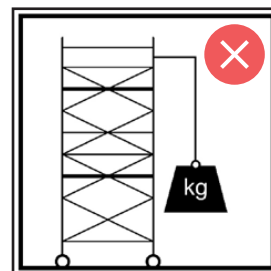
Do not lift the tower with mechanical equipment.



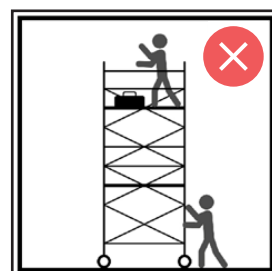
Do not use the tower for access and egress to other structures.



Do not suspend the tower.



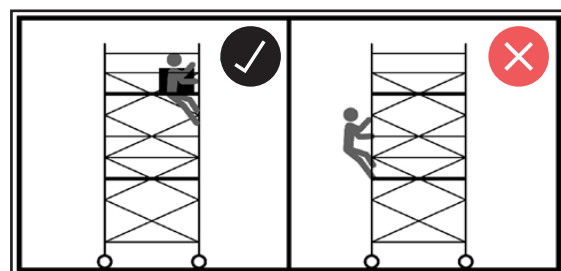
Do not lift heavy objects from the tower.



Do not move the tower with people or materials on it.



Do not use ladders, boxes or other objects to gain extra height.



Do not climb the outside of the tower.



Access Towers

➔ Working at height specialists in London and The South East since 2004

Since 2004, we've been on the road delivering Access Tower units for hire for your work at height needs... then collecting them once the job's done!

With competitive hire rates, Access Towers Services Ltd have become the go-to for hundreds of businesses for a wide range of demands, including access platform hire and scaffold tower hire. Our team of specialists are trained to a high standard for both customer support and service - allowing us to give you a reason to recommend the business to others.

We have happy, repeat customers across South East London including Croydon, Sutton and Mitcham. Our clients come back to us time and again because of our brilliant service and our extremely competitive prices. We're confident you'll get the best deal with us.

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