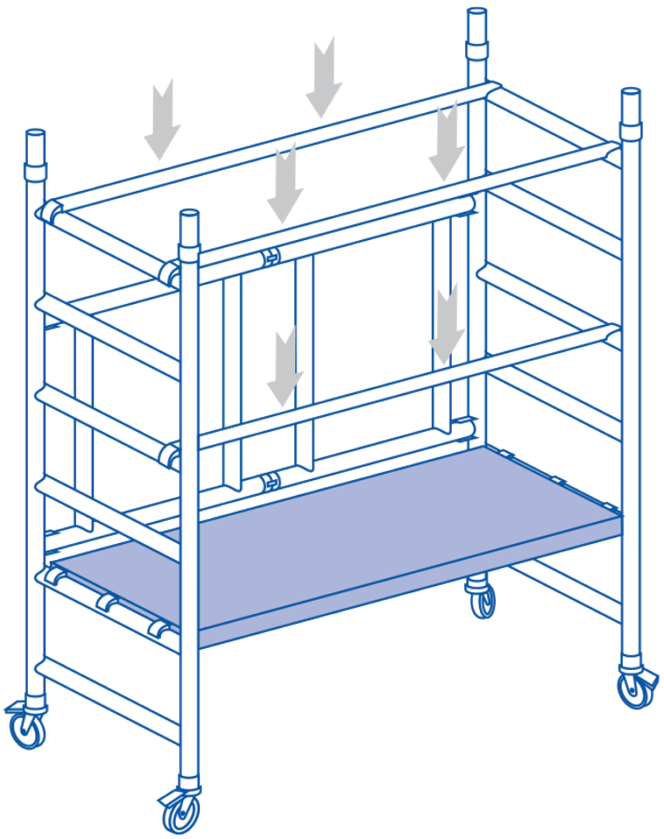
Assembly instructions for

Safety Platforms

0.6m SCAFFOLD TOWER



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PLEASE READ THIS CAREFULLY

The LIFT range of products are lightweight scaffold towers used extensively for indoor and outdoor use, due to their inherent collective fall prevention measures.

The LIFT is manufactured, tested & certified to BSEN1004.

These instructions take into account the latest regulations, guidance and all product standards and is intended to give guidance on the best practice for the erection and dismantling of access towers. These instructions must always be used in conjunction with a suitable and sufficient Risk Assessment relative to the project.

Current regulations require that any person erecting towers must be competent and qualified to do so. For full information on the correct erection and use of mobile access towers, consult the PASMA Operators Code of Practice (Revision 12.1).

Contact PASMA at: PASMA, PO Box 168, Leeds LS11 9WW.

Safety Notes

This instruction guide aims to provide the user with step by step instructions to ensure the product is erected safely and correctly using the 3T method, Through The Trap. This method allows the operative to position himself through the trap of the platform and place horizontal braces ahead of him so that collective fall prevention measures are in place before he stands on the platform.

Before erection

1. Ensure that the instruction guide has been read and understood by anyone using the equipment. If in doubt contact your supplier.
2. Lyte Industries recommend two competent persons are used to build the range of Lyte Towers. On towers above 4mtrs it is an ESSENTIAL requirement that at least two persons are used.
3. Always ensure that the necessary components are available and inspected for damage and wear prior to erection. DAMAGED OR INCORRECT COMPONENTS SHALL NOT BE USED.
4. Ensure the ground level is suitably firm and clear of obstruction.
5. All tower frames must be lifted on the outside of the tower but only in the effect base area of the stabilisers. It is acceptable to move frames with the aid of a rope, secured with a reliable knot.
6. The life of tower components will be increased if proper care is taken of them during handling, erection, transportation and storage. All components should be inspected after storage and transport.
7. Stabilisers shall always be fitted when specified.
8. Mobile access towers are not designed to be lifted or suspended.

Whilst erecting a tower

1. Outdoor freestanding towers must not exceed a platform height of 8.2m, for indoor use the maximum platform height is 12.2m. To ensure maximum stability is achieved, stabilisers or outriggers must be fitted at the first available opportunity, usually after the first module is complete. The quantity schedule overleaf illustrates the correct stabiliser units required for each platform height.
2. Always take into account the ground conditions i.e. are they capable of withstanding the loads imposed by the scaffolding.
3. Ensure the tower is level and vertical.
4. Ensure that the tower is not overloaded and that working loads are adhered to.
5. The Work at Height Regulations 2005 state that all platforms – from which a person is possible to fall a distance liable to cause personal injury – must be fitted with guardrails at a minimum height of 950mm above the platform itself. In addition to this, current regulations require intermediate guardrails be fitted to leave a gap no more than 470mm.
6. Toe boards are mandatory at all places of work from which it is possible that tools, equipment or other material may fall and is liable to cause personal injury. Their use on intermediate or rest platforms is not compulsory unless a risk assessment identifies a risk.

Whilst using the tower

1. Do not exceed the safe working load of the tower.
2. Ensure that castors are locked and that the Tower is both level and vertical.
3. All Lyte Industrial Towers must be climbed from the inside using the frames provided, **no other means of access is acceptable**.

Beaufort Scale	Description	Air Speed	Action
0	Calm, smoke rises easily	1mph	None required
<3	Leaves & 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 tower if such conditions are expected

4. Beware of high wind conditions; tie the tower to a rigid structure when working outdoors or in exposed conditions. Always refer to Beaufort Scale Force chart below.
5. If a tower is left unattended, it must be secured against unauthorised usage or adverse weather conditions.
6. Adjustable legs are intended only to level the tower and never to gain additional tower height.
7. For linking towers or special applications, always consult your supplier.
8. Care must be taken when using power tools, jet washers or other tools that impose side loads. The maximum side load on a freestanding tower is 20kgs.
9. It is not permissible to attach bridging between a tower and a building.
10. Never jump onto platforms.
11. Towers used outdoors shall, wherever possible, be secured to a building or other structure.

Before moving a tower

1. Towers should only be moved with the utmost caution. Before moving, ensure the route is clear of any obstructions, both at ground level and overhead (particularly overhead cables).
2. Never attempt to move a tower with people or materials still on it.
3. Ensure the tower height is reduced to 4m when stabilisers are in the correct position. Reduce tower to 2m when stabilisers are in the incorrect position before moving.
4. Stabilisers should be left fitted in position, though raised no more than 25mm from the ground.
5. Move the tower only by applying manual effort, pushing at the base of the tower.
6. NEVER MOVE A TOWER IF WIND LEVELS ARE ABOVE 3 ON THE BEAUFORT SCALE.

After moving the tower

1. Always inspect the tower after moving and before use.
2. Always refer to the instructions in this guide.
3. Never throw equipment from the tower, either lower it with a rope or by hand.
4. Any components found to be damaged should be isolated, tagged and reported to someone in authority to either have them repaired or removed from service.
5. In accordance with current regulations any tower that has been erected must be checked every 7 days (minimum) to ensure that the tower continues to comply with the regulations.

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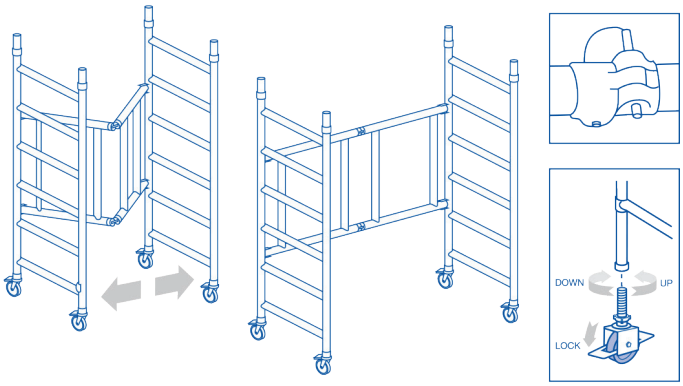
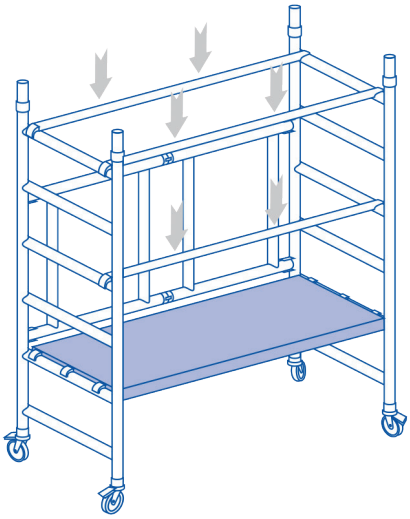
Lift Component Schedule

	0.6m
125mm castors (standard)	4
150mm castors (For adjustable legs only)	4*
Adjustable legs	4*
Base Unit	1
1.8 hatch deck	1
1.8m horizontal brace	3

0.6m Platform Height



1. Open base unit and secure joint with locking pin. If you are using the LIFT on uneven ground and have purchased adjustable legs, insert adjustable legs with 150mm castors, as shown. Lock castors.



2. Insert deck on 2nd rung of the tower.
3. Fit horizontal braces (ribbed) on the 4th and 6th rungs to act as guardrail.
4. Tower is now complete and ready to use.

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