PLEASE READ THIS CAREFULLY

The StairLyte tower is a lightweight scaffold tower used extensively for indoor and outdoor use, due to their inherent collective fall prevention measures. The StairLyte is tested in house to ensure it is fit for purpose. This instruction 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 The StairLyte Tower.

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

Before erection

1. Remember to carry out a risk assessment on all equipment prior to use.
2. Ensure that the instruction guide has been read and understood by anyone using the equipment. If in doubt contact your supplier.
3. Lyte Industries recommend that competent persons are used to build the range of Lyte Towers.
4. 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.
5. Ensure the ground level is suitably firm and clear of obstruction.
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. The StairLyte is tested at heights of 2.2m & 4.2m platform heights and the maximum safe working load is 150kg, this includes one person plus tools and materials.
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 maximum safe working load of the tower. The safe working load is 150kgs - this includes one person plus materials and tools.
2. All Lyte Industrial Towers must be climbed from the inside using the frames provided, no other means of access is acceptable.
3. If a tower is left unattended, it must be secured against unauthorised usage or adverse weather conditions.
4. Adjustable legs are intended only to level the tower and never to gain additional tower height.
5. For linking towers or special applications, always consult your supplier.
6. 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.
7. It is not permissible to attach bridging between a tower and a building. 8. Never jump onto platforms.
9. Towers used outdoors shall, wherever possible, be secured to a building or other structure.

Dismantling the StairLyte

The safest and easiest way to dismantle the tower is to work back through your assembly guide IN STRICT SEQUENCE. It is recommended that this be carried out by two competent personnel.

Always dismantle your tower with care, ensuring all components are not thrown or dropped to the ground. DO NOT USE EXCESSIVE FORCE OR TOOLS SUCH AS A HAMMER. ENSURE ALL COMPONENTS ARE LOWERED CAREFULLY AND NOT THROWN OR ALLOWED RO DROP TO THE GROUND, AS THIS CAN CAUSE DAMAGE TO THE PRODUCT OR LEAD TO PERSONAL INJURY.

Are you PASMA qualified?

Here at Lyte we have strengthened our commitment to our customers ever further by the introduction of access industry training courses. We offer the nationally recognised PASMA and BLMA courses to all our customers. The Work at Height Regulations 2005, require that the assembly, dismantling or alteration of Mobile Access Towers should only be undertaken by a competent person, or if being trained, under the supervision of a competent person.

PASMA therefore sponsors training courses provided only by authorised training members. The training courses are based on a format and content agreed by all PASMA members and draws upon their collective, first-hand experience. Widely recognised and recommended by safety professionals, it provides successful delegates who pass a written and practical test with a competency certificate and an encapsulated, credit card sized Photo card.

For more information or to book the training course please contact the Lyte Training Coordinator on 01639 846800 or email us training@lyteladders.co.uk.

Assembly Checklist

1. Always inspect components before erecting the tower ☐
2. Always inspect the tower before using ☐
3. Ensure the tower is upright ☐
4. Ensure the castors are locked ☐
5. Ensure the legs are correctly adjusted ☐
6. Ensure all horizontal braces and platforms are level ☐
7. Ensure stabilisers are fitted as specified in the instruction manual ☐
8. Ensure platforms are correctly located and anti lift locks are on ☐
9. Ensure all handrails are in place ☐
10. Ensure toeboards are correctly fitted as described in the instruction manual ☐

PLEASE REMEMBER
A thorough risk assessment must be carried out prior to any work being carried out at height.

For further information on our full product range contact us using the methods below:

By post: Lyte Industries (Wales) LTD
Wind Road
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Swansea
SA9 1AF

By phone: 01639 846800

By fax: 01639 841541

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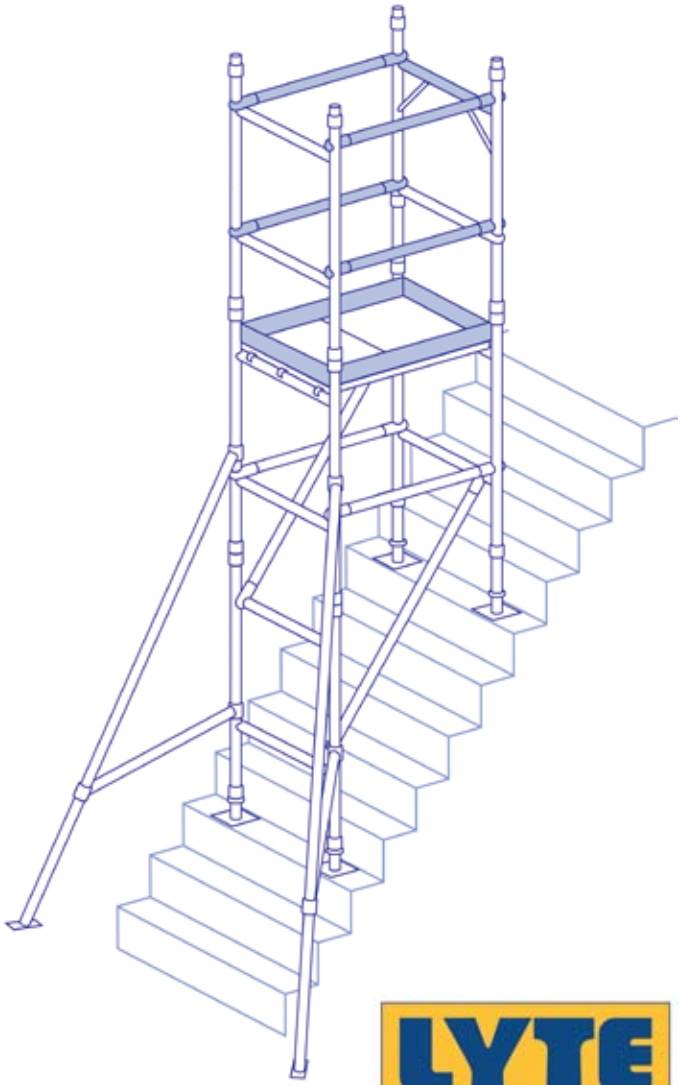
Assembly Instructions for the StairLyte Tower



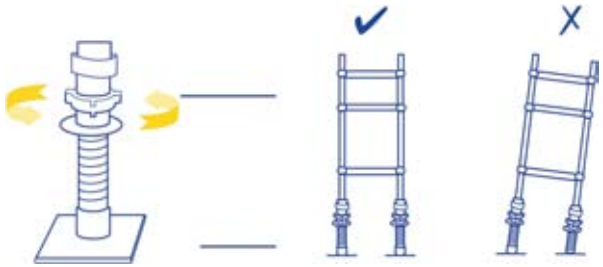
Assembly

1. Prepare frames by unlocking all clips. There are 2 types of fittings used to secure components on a tower.

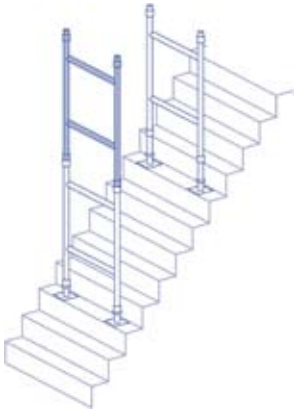
   Type A are Interlock Clips. These join frame uprights by unlocking them on the frame that is to be attached, fit its sockets over the spigots of the lower frame and re-lock the clips.

   Type B are known as Claws which joins the brace to frame. Pull back the pin to open the claw up, then snap the claw onto the rail or upright, ensuring the open side faces down or out. Once in place the pin can be released and will secure the fittings.

2. Fix base plates to both standard frames, ensuring they are level at all times.

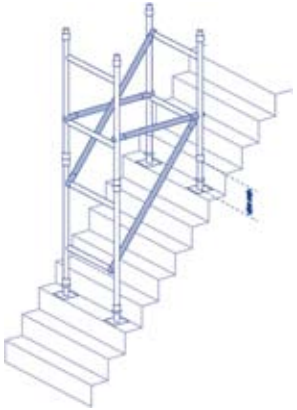


3. Next fix additional frame to the standard frame with base plates and fit the locking clips into place .

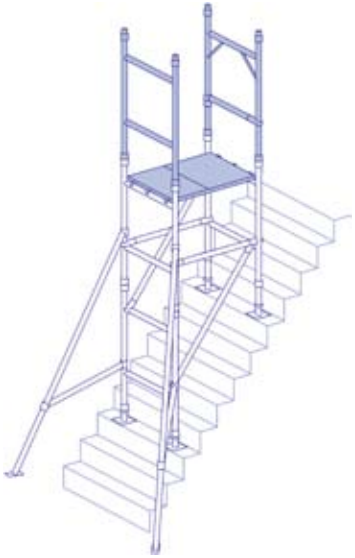


Assembly

4. Now attach the diagonal and horizontal braces in place as illustrated. This now creates the tower base.



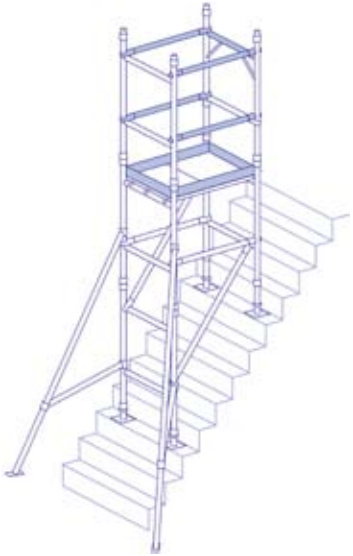
5. Place platform onto the top rung of the end frames, ensuring all platform clips are fixed in place.



6. Next fit an additional standard frame to the top end of the frame that is at the lower step, secure using the locking clips. Using the same method, now attach the gate frame to top of the frame on the higher step.

Assembly

7. It is now possible to fit the guardrail frames, of which there are four, ensuring at all times they are fitted with the claws facing outwards. Toeboards must also now be fitted.



Adding Stabilisers

- Fix one stabiliser to each of the front legs of the Tower at approx 45 degrees.
- Ensure top clamp is positioned under a rung casting and tighten the clamp as low down as possible.
- For large stabilisers fix the middle clamp and tighten.
- For telescopic stabilisers extend legs until rubber foot makes contact with the ground.
- Lock telescopic leg with attached spring clip.
- Ensure rubber feet are firmly in contact with the ground, by sliding lower clamp downwards and tighten securely. Securely tighten top clamp (and mid clamp where applicable) to provide a rigid base structure.

Lyte Stairway Schedule	Platform Height	
	2.2m	4.2m
Base Plates	4	4
Adjustable Legs	4	4
2 Rung Stair Frame	4	8
Gate Frame	1	1
Horizontal Brace 1.3m	6	10
Diagonal Brace 1.64m	2	4
Hatch Deck	1	2
Toe Board Set	1	1
Stabillisers (Optional)	2	2