Safety Notes

Before Erection

- 1 Ensure that the instruction guide has been read & understood by anyone using the equipment. If in doubt contact your supplier.
- 2 All components should be checked for damage. Do not use damaged or incompatible equipment. Make sure that you have the correct amount of components.
- 3 Make sure the ground surface you are working on is firm and clear of obstruction.
- 4 Be careful not to infringe on any local bylaws when erecting mobile towers in public places and that warning signs are in place where necessary by law.
- 5 Do not erect any tower were there is a risk of contact with unprotected cables, unguarded machinery or harmful substances.

Whilst Erecting The Tower

- Always obey the height to base ratios. Outdoor freestanding towers should not exceed 3 times the smallest base dimension in height. For indoor use the height to base ratio is 3.5:1. If the heights exceed ratios, the towers should be tied into a building or rigid structure.
- 2 Always take into account ground conditions. On soft ground a suitable base must be provided. (e.g scaffold boards).
- 3 Ensure that the tower is level and vertical.
- 4 Ensure stabilisers are fitted correctly when needed.
- 5 Ensure that the tower is not overloaded and that working loads are adhered to.
- 6 The Construction, Health & Safety and Welfare Regulations (1996) state that guardrail heights should be 1000mm, and an intermediate guardrail be fitted so that there is a gap no larger than 470mm on any working or access platform located at 2m and higher above ground level.

Whilst Using The Tower

- 1 Do not exceed the safe working load of the tower.
- 2 Ensure a safe means of access is available and in place.
- 3 Ensure that castors are locked and that the tower is both level and vertical.
- 4 Beware of high wind conditions. Tie the tower to a rigid structure in exposed conditions, where winds are up to Beaufort Scale Force 4 (17mph). If unsure about wind conditions consult your supplier.
- 5 If the tower is left unattended, it must be secured against unauthorised usage or adverse weather conditions.
- 6 Never lean a ladder against the tower; only use the recommended ladder
- 7 Do not use the adjustable legs to gain extra height, they are for levelling the tower only.
- 8 For linking towers or special applications, always consult your supplier.
- 9 Limit the horizontal force on a freestanding tower to 20kg (44lbs).
- 10 If moving the tower always follow the procedure laid out below:
- 11 It is not permissible to attach bridging between a tower and
- 13 It is forbidden to jump onto platforms.
- 14 Towers used outdoors shall, whenever possible, be secured to a building or other structure.
- 15 Towers shall only be moved manually and only on firm level ground, which is free from obstacles. Normal walking speed shall not be exceeded during relocation.

Before Moving

- 1 Make sure the tower is within recommended base height to base ratios for moving (ie 2.5 times the smallest base dimension). Dismantle to correct height if necessary.
- 2 Do not attempt to move the tower with any leg extended more than 100mm
- 3 Never attempt to move the tower with people or materials on it. Remove ties if fitted.
- 4 Always be aware of any overhead hazards and make sure that the route to be taken is level, and there are no holes or other obstructions.
- 5 Push manually and at the base only.

After Moving The Tower

- 1 Keep to the Instructions in this guide.
- 2 Never throw equipment from the tower.
- 3 Always lower equipment down to ground level by rope or hand.
- 4 Always report damaged equipment. Equipment should be maintained in a serviceable condition.

B G H

A - 3-4 Rung FrameB - Toeboard Set

me F - Span Frame
G - Stabilisers
H - Horizontal Brace

C - PlatformD - Diagonal BraceE - Ladder Frame

I - Adjustable LegJ - Castor

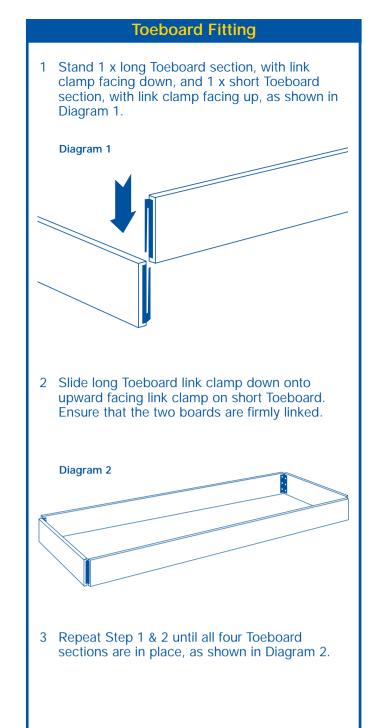
Maximum Safe Working Loads

The maximum safe working load for the tower is 950kg. This is to include the tower self weight and ballast.

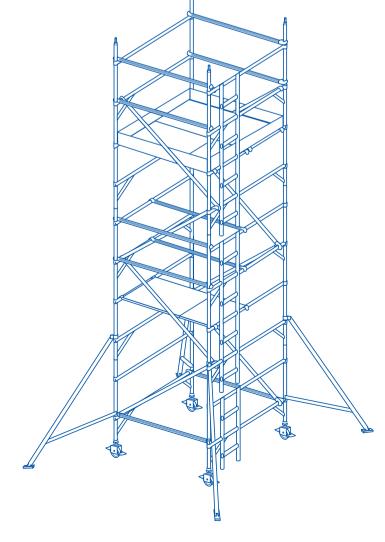
The maximum capacity of each working level is 275kg, regardless of the number of decks. The individual decks have a maximum capacity of 275kg.

Components for Lyte 3T Industrial Tower	Weight
150mm Locking Castor	3.54kg
Adjustable Leg	0.98kg
2 Rung Ladder Frame DW	5.65kg
2 Rung Span Frame DW	4.55kg
2 Rung Ladder Frame SW	4.00kg
2 Rung Span Frame SW	3.45kg
3 Rung Ladder Frame DW	8.80kg
3 Rung Ladder Frame SW	8.95kg
3 Rung Span Frame DW	6.79kg
3 Rung Span Frame SW	5.10kg
4 Rung Ladder Frame DW	11.93kg
4 Rung Ladder Frame SW	9.90kg
4 Rung Span Frame DW	9.05kg
4 Rung Span Frame SW	7.40kg
1.8m Standard Deck	12.62kg
2.5m Standard Deck	17.22kg
3.2m Standard Deck	21.63kg
1.8m Hatch Deck	13.40kg
2.5m Hatch Deck	17.71kg
3.2m Hatch Deck	22.15kg
1.8m Horizontal Brace	2.05kg
2.5m Horizontal Brace	2.50kg
3.2m Horizontal Brace	2.96kg
2.1m Diagonal Brace	2.20kg
2.7m Diagonal Brace	2.70kg
3.4m Diagonal Brace	3.25kg
1.8m Side Toeboard	2.90kg
2.5m Side Toeboard	3.54kg
3.2m Side Toeboard	4.18kg
1.2m End Toeboard	1.94kg
0.85m End Toeboard	1.15kg
Standard Stabiliser	3.80kg
Telescopic Stabiliser	8.20kg
Large Telescopic Stabiliser	8.40kg

	Assembly Checklist
1	Always inspect components before erecting the tower.
2	Always inspect the tower before using.
3	Ensure that the tower is upright.
4	Ensure castors are locked.
5	Ensure 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.
	ways refer to this checklist before and after ection of the tower.
	in doubt about any application consult your applier for advice.









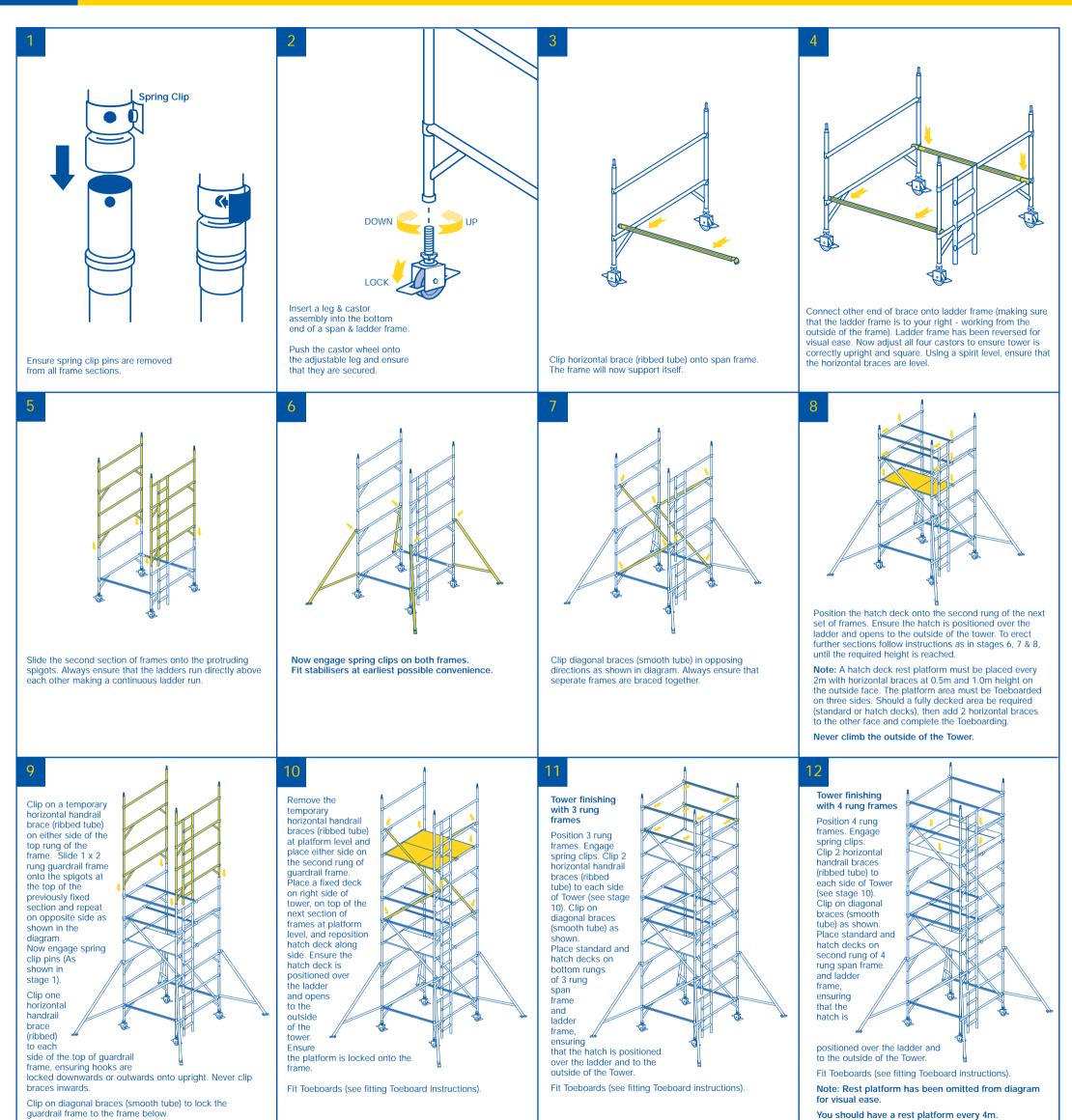


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Lyte 3T Industrial Tower System





Stabilisers

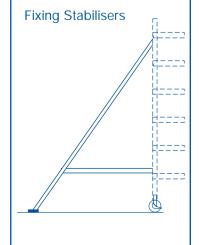
Fix one stabiliser to each corner of the Tower at approx 45 degrees. Ensure top clamp is positioned under a rung casting and tighten the clamp as low down as possible (see fixing stabilisers diagram). For large stabilisers fix the middle clamp and tighten.

For telescopic stabilisers extend legs until rubber foot makes contact with the ground. Lock telescopic leg with attached spring clip. Ensure rubber feet are ground, by sliding lower clamp downwards and

firmly in contact with the tighten securely. Securely tighten top clamp (and mid clamp where applicable) to provide a rigid base structure.

When moving the Tower lift and lock each telescopic leg clear of the ground. Unlock castors ensuring area is firm and clear of all obstructions both on the ground and

After moving check all castors are firmly on the ground and locked. Check that the tower is vertical, then reposition stabilisers as described above.



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



Internal or external work Internal or external or exte
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