## Before Erection

Ensure that the instruction guide has been read \& understood
by anyone using the equipment. if in doubt contact your supplier.
All components should be checked for damage. Do not use damaged or incompatible equipment. Make sure that you have the correct amount of components.

Make sure the ground surface you are working on is firm and clear of obstruction.
Be careful not to infringe on any local bylaws when erecting
mobile towers in public places and that warning signs are in mobile towers in public places and that warning signs are in
place where necessary by law.

Do not erect any tower were there is a risk of contact with unprotected cables, unguarded machinery or harmful substances.

## Whilst Erecting The Tower

1 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 is 3.5 : 1 . If the heights exceed ratios, the towers should b
tied into a building or rigid structure.

Always take into account ground conditions. On soft groun
a suitable base must be provided. (e.g scaffold boards).
Ensure that the tower is level and vertical.
Ensure stabilisers are fitted correctly when needed
Ensure that the tower is not overloaded and that working
loads are adhered to.
The Construction, Health \& Safety and Welfare Regulations an intermediate guardrail be fitted so that there is a gap no larger than 470 mm on any working or access platform located at 2 m 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.
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 ( 17 mph ). If
conditions consult your supplie.

5 If the tower is left unattended, it must be secured against Never lean adder against the tower: only use the recommended ladder
Do not use the adjustable legs to gain extra height, they are
For linking towers or special applications, always consult your supplier.
Limit the horizontal force on a freestanding tower to 20 kg
(441bs).
0 If moving the tower always follow the procedure laid out
below:
11 It is not permissible to attach bridging between a tower and
a building.
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 leve ground, which is free from obstalces:
shall not be exceeded during relocation.

## Before Moving

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.

Do not attempt to move the tower with any leg extended more than 100 mm .
Never attempt to move the tower with people or materials on
it. Remove ties if fitted.
Always be aware of any overhead hazards and make sure that the route to be taken is level, and there are no holes o
other obstructions.

5 Push manually and at the base only.

## After Moving The Tower

Keep to the Instructions in this guide
Never throw equipment from the tower.
Always lower equipment down to ground level by rope
or hand.
Always report damaged equipment. Equipment should be maintained in a serviceable condition.
Maximum Safe Working Loads
The maximum safe working load for the tower and ballast.
The maximum capacity of each working level is 275 kg , regardless of the number of decks. The individual decks have a maximum capacity of
275 kg .

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

## Toeboard Fitting

Stand $1 \times$ long Toeboard section, with link clamp facing down, and $1 \times$ short Toeboard section, with link clamp facing up, as shown in Diagram 1.

## Diagram 1

## Cllos)

2 Slide long Toeboard link clamp down onto upward facing link clamp on short Toeboard Ensure that the two boards are firmly linked


Tower Assembly Instructions for Lyte 3T Industrial Tower


| 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. <br> 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. |

