
Specifications

Tubing

44.5mm O.D. Frame Legs / Rails
51mm O.D. Frame collars

Platform Boards

235 x 50 F11 K.D. Oregon/Pine

S.W.L. 225 kg

Towers comply with:

A.S./N.Z.S.1576 A.S.1170 A.S./N.Z.S.4576

Registered with Workcover Authority, **V974086.**
Occupational Health & Safety Division

Tested and approved by **N.A.T.A.**

The following Organisations were instrumental in preparing the Australian and
New Zealand Standards to which Hi-stage Towers are manufactured;

A.C.T. Workcover.

Victorian Workcover Authority

Workcover Authority N.S.W.

Work Health Authority N.T.

Dept. of Occ. Health, Safety, and Welfare W.A.

Dept. of Employment and industrial relations Qld.

Dept. Labour New Zealand.

All towers are produced to specification and certain principles of construction that fall within present Standards. When towers are used for commercial purposes the Health and Safety at Work Act and Construction Workplace Regulations must be observed

HI-STAGE

SAFETY NOTES

- 1 Only move a mobile tower by pushing at the base
- 2 Never move a tower with a person or loose material on the platform.
- 3 Never climb up the outside of a tower.
- 4 Never use a tower without plates or wheels fitted. **Wheels can only be used on Concrete, Bitumen, Timber or a similar solid foundation surface.**
- 5 Always erect tower on a suitable foundation. When erecting on stable soil base, place scaffold Base plates on timber sole plates min.250x250x50.
- 6 Always securely tie to a static structure at 2400. intervals all towers that exceed 4M. platform height.
- 7 **Do not overload the platform. Max SWL 225kg**
- 8 A static tower must be dismantled before moving
- 9 Never lean a ladder against an unsecure tower.
- 10 Do not impose excessive sideways forces while working, pushing from the tower.
- 11 Tower operator must contact local electrical supply authority for written documentation if working within power line limits of approach.



HI-STAGE

P: 03 5962 1133

E: sales@yunckens.com.au

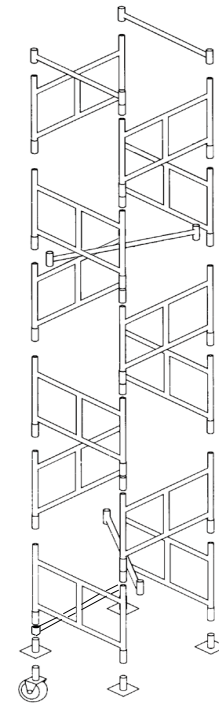
W: yunckens.com.au

21 Harker St,

Healesville. VIC 3777

ASSEMBLY INSTRUCTIONS

STANDARD TOWER KIT



Lightweight Mobile
Scaffold Towers

THINK SAFETY

Assembly Instructions

1 Read Safety Notes

2 Place the 2 Base Rails on a level base where the tower is to be erected.

3 Fit the first pair of Frames, socket downwards, into the Base Rail collars (Black). Raise the Base Rail hard up on each Frame leg socket and tighten Base Rail 'J' clamp.

4 Fit Planbrace diagonally over Frames (lift 1) see diagram.(Red)

5 Insert Foot Plates or Castors. Tighten 'J' clamps.

6 Level the frames

7 Fit second pair of Frames, (lift 2) at right angles, on top of the first pair. Tighten 'J' clamps.

8 Fit remaining frames, raising the platform boards as each pair are clamped into position.

9 Fit second Planbrace, (in opposite direction to the first), **one full frame below** the required platform position.
Max. 4 Lifts between Planbraces.

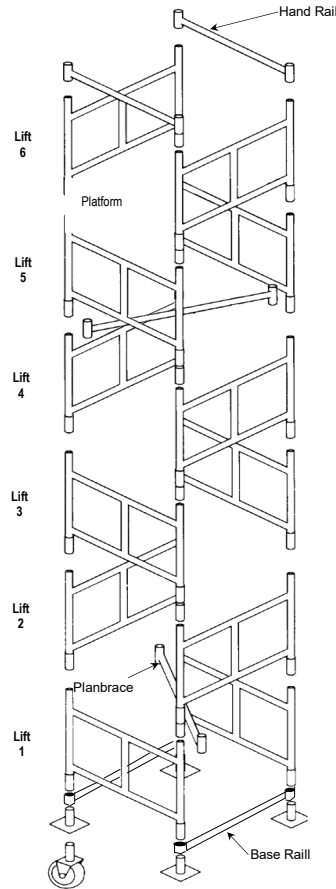
10 Fit Platform Boards, Trapdoor, Kick Boards, Hand Rails (Black) and extra Guard/ Clip Rails (Black) into position as required.

11 Position a standard single ladder **inside** Tower on boards placed on Lift 1 Frame lower rail. Secure top and bottom or use Hi-STAGE hook on Ladder (optional).

12 Towers above 2.9 Deck height (4 lifts) must use Vertical Braces (Green) as supplied. Connect from the lower rail on lift 1 up to the opposite lower rail on lift 3. Towers 5.6 (7 lifts) or more add External Bracing on all sides from lower Leg on lift 1 to diagonal opposite upper Leg on lift 4 Using Tube and Swivel Couplers supplied

13 Observe Safety Notes.

- Ensure frames are fully seated into their sockets.
- Regularly inspect tube ends & platform boards for damage or deformation. Dress accordingly.



KIT:-includes frames,hand rails,crossbraces,base rails, & foot plates

In line with our policy of continuous development we reserve the right to alter specification without prior notice

WORK SAFELY

Refer to following table allowing safe exposure to **Wind speeds up to 55 km/hr.**

In accordance with **A.S.1576.1 1995.** Counterweights or Outriggers to be added to **all** lightweight towers (based on Tower weight to height ratio)

Tower Size	3.8m Deck Ht	4.7m Deck Ht	5.6m Deck Ht
1.2 x 1.2	40Kg	85Kg	N/a-
1.2 x 1.8	25Kg	80Kg	N/a-
1.2 x 2.4	15Kg	75Kg	N/a
1.8 x 1.8	nil	nil	nil

Counterweights to be secured on platform boards at the Tower base

As a guide:-
 1 bag of cement = 40 kg
 40 house bricks = 20 kg
 20 litre drum liquid = 20 kg

Please be aware that to comply with **A.S./N.Z.S. 4576:1995** Where platform heights exceed 4 metres (5 metres New Zealand) a certificate of competency would be required by person in charge of erection

A.S. 1577

- Portable ladders intended for access within scaffolds must be industrial grade single ladders
- Use ladder landing (platform boards) at the base of the tower.
- Secure ladder against displacement in any direction.
- Ensure ladder extends at least 900mm above landing.
- Ladders on mobile scaffolds must be clear of supporting surface, and pitched at a horizontal to vertical slope of not less than 1:4 or more than 1:6.