
Specifications

Tubing

46 mm O.D. Frame Legs / Rails

51mm O.D. Frame collars

Plydecks

Max Load. 225 kg

Towers comply with:

A.S./N.Z.S.157 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.

Health and Safety Organisation, Vic.

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
- 5 Always erect tower on a suitable foundation (concrete or similar paving). When erecting on soil base, place feet on timber sole plates at least 250x250x50mm.
- 6 Always securely tie to a static structure at 2400. intervals all towers that exceed 4M. platform height.
- 7 Do not overload the platform
- 8 A stationary 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.



HI-STAGE

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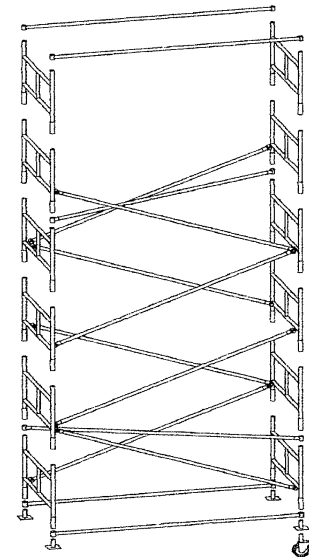
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ASSEMBLY INSTRUCTIONS

SIDE ACCESS TOWER



Lightweight Mobile
Scaffold Towers

THINK SAFETY

Assembly Instructions

1 Read Safety Notes

- Place the 2 Base Rails on a level base where the tower is to be erected.
- Fit the first pair of Frames, socket downwards, into the Base Rail collars. Raise the Base Rail hard up on each Frame leg socket and tighten the clamp.
- Fit Planbrace diagonally over Frames (lift 1) see diagram.

- Insert Foot Plates or Castors and tighten socket clamps

6 Level the frames

- Fit second pair of Frames, (lift 2), directly on top of the first pair. Tighten clamps. Clip on the Diagonal Brace Rails (see diagram) from each of the Bottom Rails of the Frames at lift 1 to the respective Bottom Rails opposite on lift 2. (Position Rails to each side of the frame centre)
- Fit remaining Frames, and clip on Diagonal Brace rails (as before) raising the platform boards as each Lift is fixed into position.

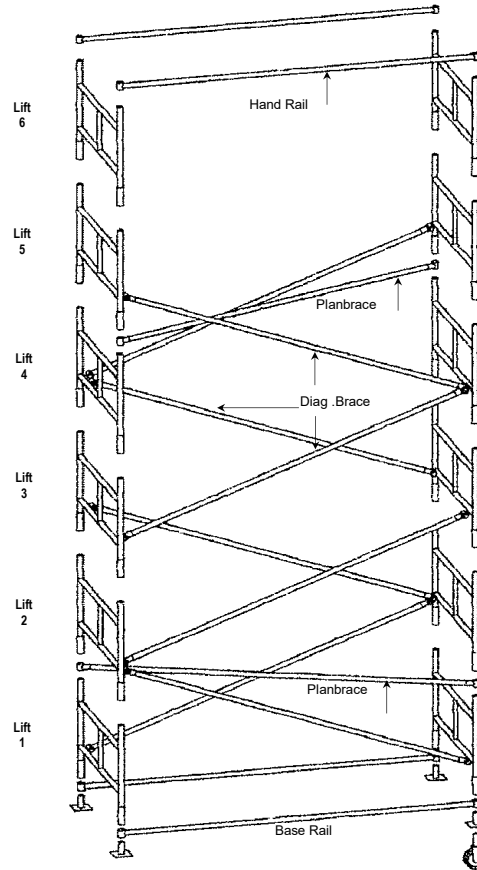
- Fit second Planbrace, (in opposite direction to the first), **one full frame below** the required platform position. *Max. 4 Lifts between Planbraces. 5 lifts between handrails*

- Fit Platforms, Trapdoor, Kick Boards, Top Hand Rails and extra mid Guard/ Clip Rails into position as required.

- Position a standard single ladder **inside** Tower. When on Castors the ladder must be placed on Platforms positioned within the Tower. Secure top and bottom. or use Hi-STAGE clip on Ladder (optional).

13 Be aware of height limits

- Ensure frames are **fully** seated in their sockets.
- Regularly inspect tube ends / platform boards for damage or deformation & dress accordingly.



Basic KIT includes -

Frames, Guard 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 Work Height	4.7m Work Height	5.6m Work Height
1.2 x 1.2	40Kg	85Kg	-
1.2 x 1.8	25Kg	80Kg	-
1.2 x 2.4	15Kg	75Kg	-
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.