



ALUMINIUM & PODIUM

Tower System

ABOUT US



TAS is one of the leading providers of scaffold and access solutions in the region. Our experience and expertise in the design, engineering, delivery and maintenance of our systems has set the highest industry standards for quality and safety. Our innovative approach to developing the right solution for every project ensures production efficiency, cost effectiveness and on-time completion.

Currently, we are operating with over 700 skilled and qualified scaffolding personnel. TAS has earned an enviable reputation for providing safe, effective and economically viable solutions to all of your access needs.

We comply with ISO 9001, ISO 14001 & OHSAS 18001 standard and applicable requirements of Health, Safety and Environment. Technical Access Services is certified by Bureau Veritas and other scaffolding and safety heavenly bodies.

ALUMINIUM TOWER

OVERVIEW

Lightweight scaffold towers are used throughout the building industry for indoor and outdoor access where a stable, secure platform is required. Ideal for maintenance, installation work or short-term access, these highly versatile towers are quick to erect and provide strong, free-standing working platforms at height up to 12.2m. They can also be linked to create continuous runs of scaffolding.

Features and Benefits

- Quick and easy to erect tower is ideal for light trade.
- Built in aluminium and is available for safe only.
- Narrow width allows easier access into smaller or awkward areas.
- Standard TAS - Folding room tower
- Can pass through a door without dismantling.
- Instant assembly with a fold-out frame
- Easy to transport in a small van or on a car roof-rack.





COMPONENTS OVERVIEW

ALUMINIUM TOWER



CASTOR WHEEL

Height adjustable leg with foot operated breaks.



TRAPDOOR AND PLAIN PLATFORM

Light weight and extremely strong it consists of aluminium frame and a wooden board. There are standard and trap door platform.



BRACES

Colour coded horizontal and diagonal braces for easy erection and identification with self locking hooks.



FOOTREST

The tough material of the stabilizer foot rest provides additional safety against sliding off.



BLOCKING HOLDER

Blocking holder fix frames pipes one inside other. This part is unbreakable aluminium casting.



ADJUSTABLE LEG LOCK SYSTEM

Provides instant height adjustment.



ASSEMBLY CLAMPS

Heavy duty stabiliser clamps design for easy fixing in the pipe for your easy use in wing nut.



TOE BOARD CLIP

Toe board clips are used to secure toe boards to standards as required.



BRACE HOOK

With automatic lock and quick release. This feature provides for quick release and tear down. 225 degrees of contract and a special shape.



TOE BOARD

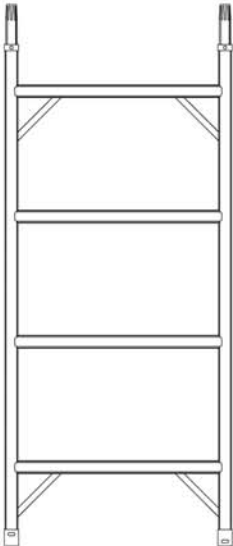
Fit neatly around the platform and help reduce the possibility of items such as tools falling from the edge of the platform - TAS aluminium tower.

COMPONENTS

850 RUNG FRAME

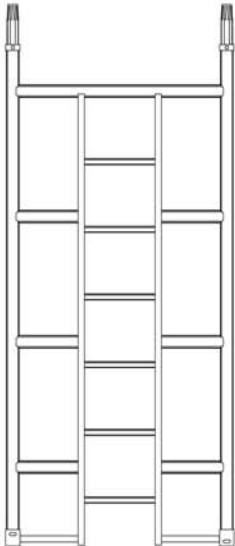
4 Rung Span Frame

Code	Dimension
TAT 0009	0.85 x 2.0 m



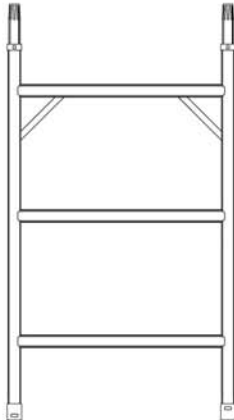
4 Rung Ladder Frame

Code	Dimension
TAT 0004	0.85 x 2.0 m



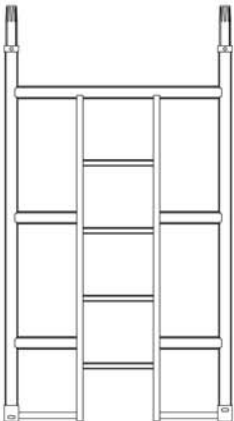
3 Rung Span Frame

Code	Dimension
TAT 0010	0.85 x 1.5 m



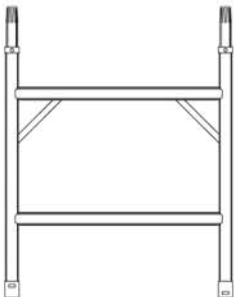
3 Rung Ladder Frame

Code	Dimension
TAT 0005	0.85 x 1.5 m



2 Rung Span Frame

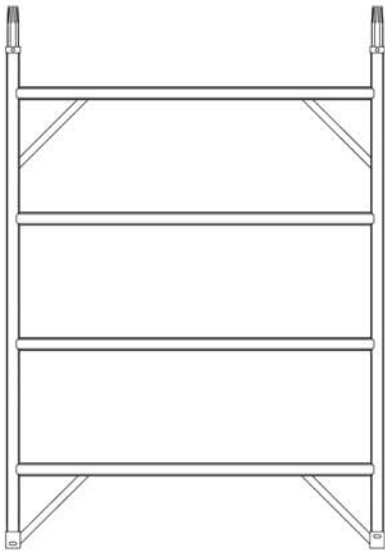
Code	Dimension
TAT 0011	0.85 x 1.0 m



1450 RUNG FRAME

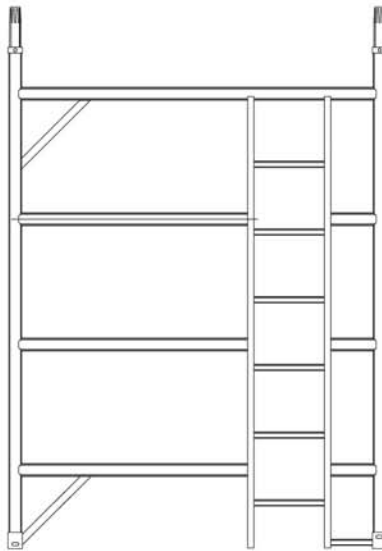
4 Rung Span Frame

Code	Dimension
TAT 0008	1.45 x 2.0 m



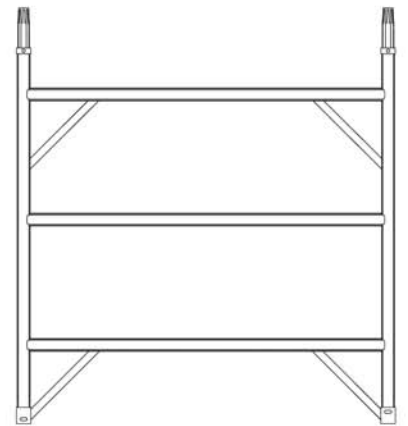
4 Rung Ladder Frame

Code	Dimension
TAT 0003	1.45 x 2.0 m



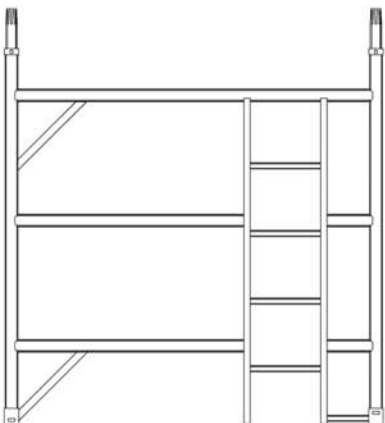
3 Rung Span Frame

Code	Dimension
TAT 0007	1.45 x 1.5 m



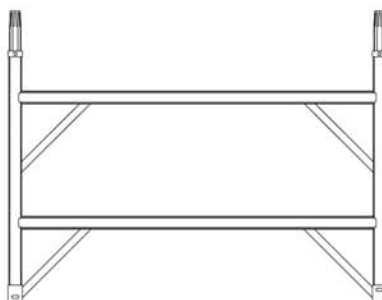
3 Rung Ladder Frame

Code	Dimension
TAT 0002	1.45 x 1.5 m



2 Rung Span Frame

Code	Dimension
TAT 0006	1.45 x 1.0 m



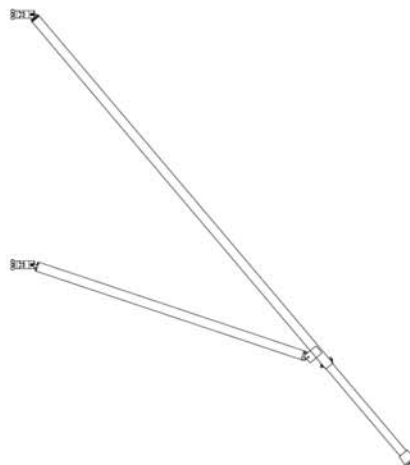
Brace

Code	Description	Dimension
TAT 0018	Horizontal brace	1.8 m
TAT 0019	Horizontal brace	2.50 m
TAT 0016	Diagonal brace	2.1 m
TAT 0017	Diagonal brace	2.7 m



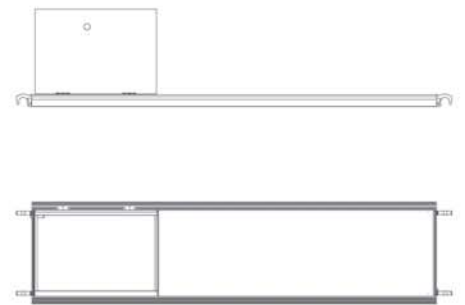
Standard Stabiliser

Code	Dimension
TAT 0026	1.7m x 0.65 m



Trap Door Platform

Code	Dimension
TAT 0014	1.8 m
TAT 0015	2.5 m



Plain Trap Door

Code	Dimension
TAT 0012	1.8 m
TAT 0013	2.5 m



Adjustable Leg

Code	Description
TAT 0001	Castor wheel with 300mm adjustable leg



SAFETY GUIDE

GENERAL SAFETY RULES

1. Check instructions before use. Mobile access working towers may only be erected and dismantled by persons familiar with these instructions for erection use.

2. Do not use any scaffold tower which is damaged, which has not been properly erected, which is not firm and stable, and which has any missing or damaged parts.

3. Do not erect a scaffold tower on unstable ground or objects such as loose bricks, boxes or blocks. Only a sound rigid footing must be used.

4. Ensure that the scaffold tower is always level and the adjustable legs are engaged. Check that you have taken all necessary precautions to prevent the tower being moved, or rolling away. Always apply all castor brakes or use base plates.

5. Ensure that all frames, braces and platforms are firmly in place and that all locking hooks are functioning correctly. Ensure that all frame locking clips are engaged. If any missing, replace them.

6. Ensure that the scaffold tower is within the maximum platform height is stated, and that the appropriate stabilizers are fitted.

7. Outdoor scaffold towers should, wherever possible, be secured to a building or other structure. It is good practice to tie in all scaffold towers of any height, especially when they are left unattended, or in exposed or windy conditions.

8. A scaffold tower must not be used in winds stronger than 7.7 meters per second. Beaufort scale 4. Be cautious if erecting or using the tower in open places, such as hangars or unclad buildings. In such circumstances the wind forces can be increased, as a result of the funnelling effect.

9. Do not erect or use a scaffold tower near un-insulated, live or energised electrical machinery or circuits, or near machinery in operation.

10. Do not lean ladders against the tower, or climb the outside of the tower. Whatever your intended access system, it should only be used inside the tower.

11. Never climb on horizontal or diagonal braces. Do not gain access or descend from the working platform other than by the intended access system.

12. Do not work from ladders or stairways, they are a means of access only.

13. Guardrails and toeboards must be fitted to the working platforms.

14. Never jump on to or off platforms.

15. Do not exceed the safe working load of the platform or structure by accumulating debris, material or tools on platforms as these can be a significant additional load.

16. If you must move a tower, remove all materials and personnel. When moving a scaffold tower, force must always be moved from the base. The tower should only be moved manually on firm, level ground which is free from obstacles. Normal walking speed should not be exceeded during relocation. The ground over which a tower is moved should be capable of supporting the weight of the structure.

17. Should you require additional platform height, add further frames. NEVER extend your adjustable legs to achieve extra height, these are for levelling only. NEVER use a ladder or other objects on the platform to achieve additional height.

18. It is not permissible to attach and use hoisting facilities on towers, unless specifically provided for by the manufacturer.

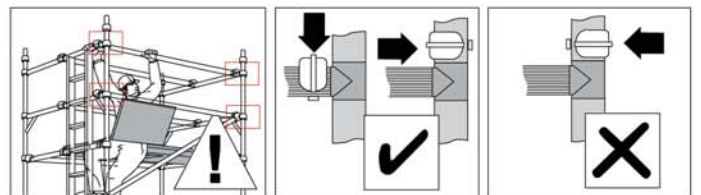
19. It is not permissible to attach bridging sections between a scaffold tower and a building. Refer to the tower manufacturer.

20. Always take care of aluminium scaffold tower equipment.

REMEMBER YOUR SAFETY DEPENDS ON THE SAFE ERECTION AND USE OF THE EQUIPMENT. RESPECT IT.

Safety Checklist

- Ensure all brace claw operate and lock correctly prior to erection
- Inspect components prior to erection
- Inspect tower prior to use
- Tower upright and level
- Castor locked and legs correctly adjusted
- Diagonal braces fitted
- Stabiliser/outrigger fitted as specified
- Platforms located and windlocks on
- Toeboards located
- Check guardrails are fitted correctly. See illustration below



Ensure horizon braces and guardrails are fitted correctly. Always fit as shown. Refer to this checklist before using each time.

PODIUM TOWER

OVERVIEW

This work platform provides a fast, simple and cost effective solution for low level access for all types of contractors – roofing, shop fitting, electrical, sign-writing, painting and more, and offer platform level 1.0 mtr and 1.3 mtr. It's compact to store and can be transported in a small van or standard elevator lift.

Designed to conform to the working at height Regulation, this podium is fully enclosed work platforms.

Features and Benefits

- Self latching gate for added safety and security while working.
- 4 braked casters for rigidity when in use.
- Casters are bolted to unit for a firm fixed connection.
- Tough design to withstand the rigors of site use.
- Designed to be pushed through most standard doorways.
- Safe working load – 150 kg.
- Overall height – 2mtr.
- Platform height – 1.0 mtr
- Width – 75 cm
- Length – 145 cm
- Step distance – 30 cm
- The optional stabilizers deliver additional stability.

TAS Podium Tower SS-065065

Code:	SS-065065
Description:	0.65mx0.65mx2.3m H Main Frame 0.65mx0.65mx2.3m H
Unit weight:	20.50
Standard setup:	1
Setup with toeboard & double handrail:	2

TAS Podium Tower P-065

Code:	P-065
Description:	0.65m Platform 0.65m L
Unit weight:	3.0
Standard setup:	1
Setup with toeboard & double handrail:	2





Working height: 2900mm
Platform height: 900mm



Working height: 3125mm
Platform height: 1125mm



Working height: 3350mm
Platform height: 1350mm

USAGE

Ensure that the assembly location is checked to prevent hazards during assembly, dismantling or moving and while working on the podium. Particular attention should be given to the ground condition, whether level or sloping, obstructions and wind conditions. The ground should be capable of supporting the podium.

Face the access when ascending and descending.

Podiums must always be climbed from the front of the assembly using the provided ladder only.

Moving the podium must only be done by manual effect from the base of the podium.

When moving the podium be aware of overhead hazards (e.g. electrical cables).

No personnel or material to be on the platform whilst the podium is being moved

Beware of horizontal loads which can lead to instability in the podium. The maximum side force is 10kg.

Do not use boxes or steps to gain additional height. If extra height is required contact your distributor to get an alternative podium/tower.

Do not lift or suspend an assembled podium.

Damaged components or components from other podiums must never be used.

When wind exceeds beaufort force 4, cease using the podium.

If wind is expected to reach Beaufort 6, tie podium to a rigid structure.

If winds of force 8 or greater are forecast, dismantle the podium or remove to shelter.

WARNING

NEVER STAND ON AN UNGUARDED PLATFORM



Ensure all components are present, in good working order and correctly fitted before use.

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