BOSS®

Linked Tower

with Bridge Platform

Mobile Aluminium Tower
3T - Through the Trapdoor

Instruction Manual
EN 1004-2 en

Contents

1 Safety First

1.1 Introduction

Please read this instruction manual carefully.

This instruction manual shall be available at the location of use of this access tower. Instruction manuals are also available to download at www.bossaccesstowers.com.

This product shall only be used in accordance with this manual without any modification.

FAILURE TO FOLLOW THESE INSTRUCTIONS MAY LEAD TO DEATH OR SERIOUS INJURY.

Access towers must always be used in accordance with the national regulations. If any aspect of these instructions conflicts with local regulations, please contact Werner UK Sales & Distribution Ltd. for advice.

Please note that diagrams are for illustrative purposes only.

User training courses are available but must not be used as a substitute for familiarity with this manual.

BoSS aluminium towers are light-weight scaffold towers used throughout the building and construction industry for both indoor and outdoor access solutions where a stable and secure platform is required. Ideal for maintenance and installation work or short-term access, the highly versatile towers provide a strong working platform for a variety of heights.

Verification and assessment documentation is held by Werner UK Sales & Distribution Ltd.

Compliances

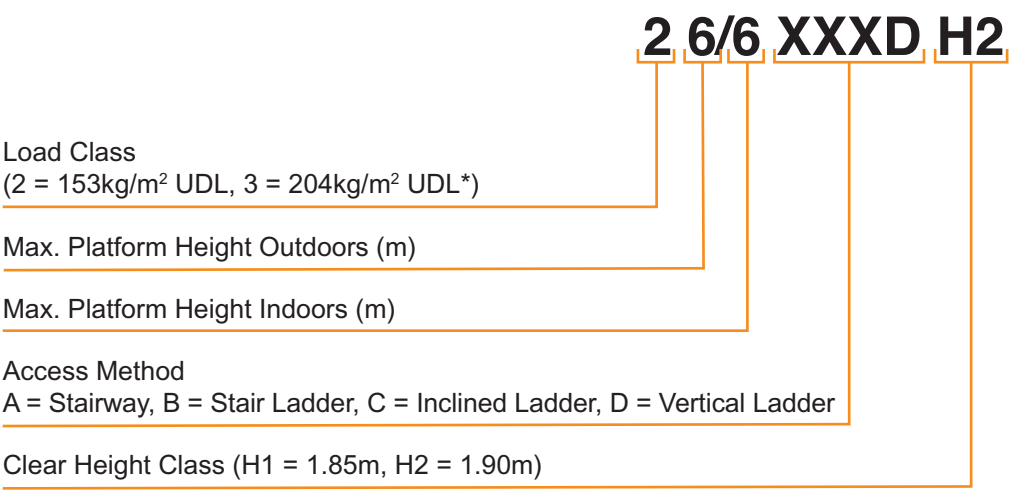
TARGETMARK CERTIFIED
BS 1139-6:2022
TM1012
testandresearch.org

The BoSS Linked tower system has been designed, tested, approved and certified to BS 1139-6:2022 Metal Scaffolding.

This instruction manual is in compliance with EN 1004-2:2021.

1 Safety First

1.2 Tower Specification



*UDL = Uniformly distributed load

1.3 Maintenance - Storage – Transport

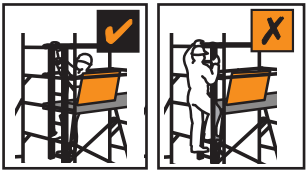
- The BoSS tower system is robust and requires little maintenance.
- All components and their parts should be regularly inspected to identify damage, particularly to joints.
- Refer to the BoSS Inspection Guidance for detailed inspection and maintenance advice, the guidance is available to download at: www.bossaccesstowers.com.
- Threads, hinges, and brace latches may be lubricated with light oil. Ensure oil does not contaminate climbing or walking surfaces.
- Safety labels should be kept legible. Replacement labels are available from Werner UK Sales & Distribution Ltd.
- Surfaces should be kept reasonably free of dried paint, plaster etc.
- Use of solvents on wooden platform surfaces and plastic components should be avoided.
- Components should be stored in clean, dry conditions with due care to prevent damage.
- During transportation ensure components are not damaged by excessive strapping forces.

2 Building the Tower

2.1 Pre-Assembly Checks

- Check overhead that the area into which the structure is to be erected contains no obstructions, particularly electrical or radio radiation hazards. The structure is conductive.
- Ensure the ground on which the access tower is to be erected is capable of supporting the tower in use.
- Check the surface is level within the 210mm range of the adjustable legs.
- Only components specified in this manual shall be used with BoSS towers. Check all required components are on site and in a suitable working condition.
- Damaged components shall not be used and must be put beyond use and disposed of according to local regulations.

- Adjustable legs should only be used for levelling purposes and never to gain extra height.
- Ensure distance from the ground to first climbing rung is less than 400mm.
- Only climb the tower from the inside using the access method provided.

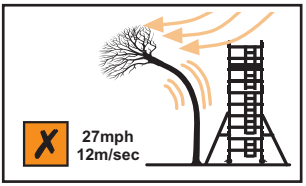


- This tower provides a work platform. It must not be used to access other structures.

- Tower scaffolds are not designed to be lifted or suspended.
- Ensure the safe working load on the structure is not exceeded.
- Tools and materials should be lifted using a reliable lifting material (e.g. a strong rope) employing a reliable knot (e.g. clove hitch) to ensure safe fastening and always lift within the footprint of the prefabricated tower scaffold (i.e. within the area bounded by the stabilisers).

2 Building the Tower

- Check this manual is available and its contents familiar to all those involved.
- If assembling outdoors; check the forecast windspeed.
  - The assembled tower is certified to wind forces equating to 27mph, but handling components under those conditions would be hazardous.

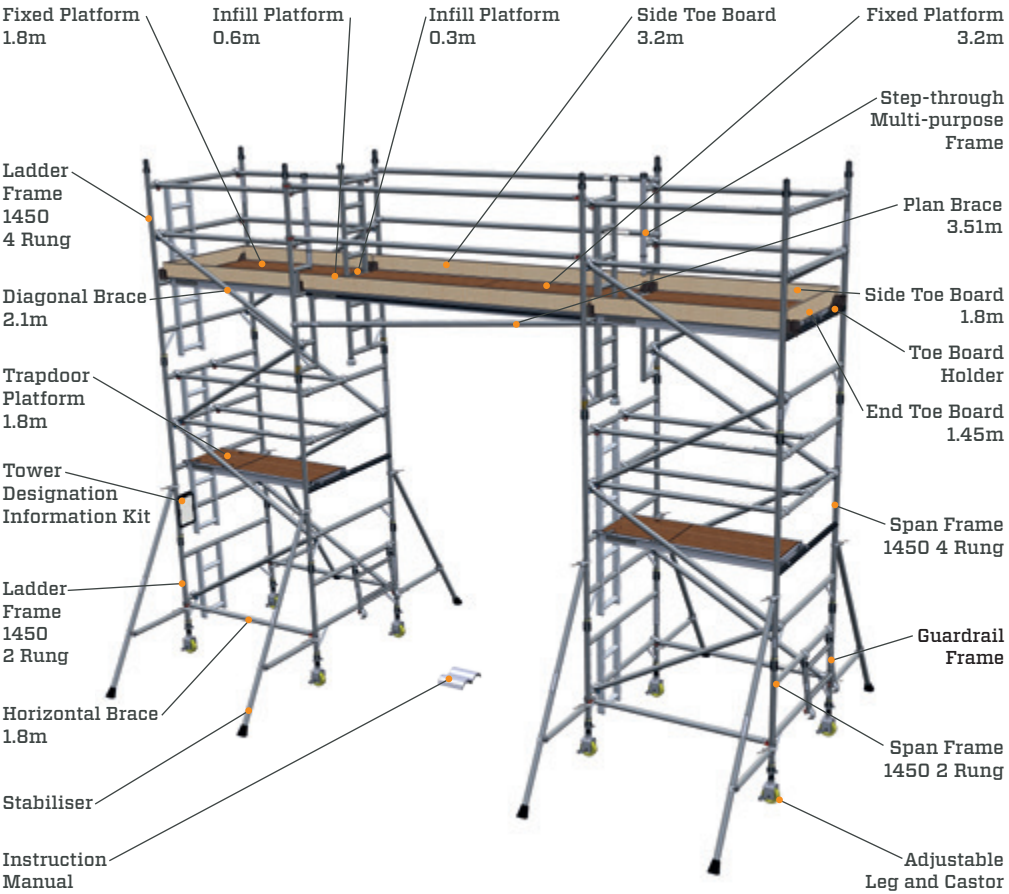


  - Also consider the wind funnelling effect of nearby buildings.

- This structure is designed to be self-supporting under the loading condition requirements of EN 1004-1:2020 and does not require tying in. Consideration should be given to potential wind conditions if the tower is left unattended.

2 Building the Tower

2.2 Component Diagram



2 Building the Tower

Component Weights

Component		
Code	**Name**	**Weight (kgs)**
32842300	Castor 150mm	3.3
33551300	Adjustable Leg	1.1
60551300	Span Frame 1450 2 Rung	4.0
60451300	Span Frame 1450 3 Rung	5.6
60351300	Span Frame 1450 4 Rung	7.1
61151300	Ladder Frame 1450 2 Rung	5.4
61051300	Ladder Frame 1450 3 Rung	8.0
60951300	Ladder Frame 1450 4 Rung	10.4
39951300	Step-through Multi-purpose Frame	12.0
63851400	Guardrail Frame	3.4
31251300	Horizontal Brace 1.8m (red)	2.0
34851300	Horizontal Brace 2.5m (red)	2.4
34951300	Horizontal Brace 3.2m (red)	3.4
31351300	Diagonal Brace 2.1m (blue)	2.1
31451300	Diagonal Brace 2.7m (blue)	2.5
60430300	Plan Brace 3.51m (green)	3.7
30151100	Fixed Platform 1.8m	11.8
30251100	Fixed Platform 2.5m	16.0
30351100	Fixed Platform 3.2m	22.8
30451100	Trapdoor Platform 1.8m	12.7
30551100	Trapdoor Platform 2.5m	16.3
35751100	Infill Platform 0.3m	0.6
35851100	Infill Platform 0.6m	0.9
30150900	Toe Board Holder	0.3
30350900	End Toe Board 1.45m	2.1
30450900	Side Toe Board 1.8m	3.2
30550900	Side Toe Board 2.5m	4.4
30650900	Side Toe Board 3.2m	7.2
31751300	SP7 Fixed Stabiliser	3.8
31851300	SP10 Telescopic Stabiliser	8.8

2.3 Quantity Schedule

BoSS Linked Tower with Bridge Deck - 1.8m Long Main Towers with 3.2m Long Platforms

Code	Name	Working height (m)	Internal or external use									
		Platform height (m)	3.2	4.2	4.7	5.2	5.7	6.2	6.7	7.2	7.7	8.2
			1.2	2.2	2.7	3.2	3.7	4.2	4.7	5.2	5.7	6.2
32842300	Castor 150mm		8	8	8	8	8	8	8	8	8	8
33551300	Adjustable Leg		8	8	8	8	8	8	8	8	8	8
60551300	Span Frame 1450 2 Rung		-	2	-	-	2	2	-	-	2	2
60451300	Span Frame 1450 3 Rung		-	-	2	-	2	-	2	-	2	-
60351300	Span Frame 1450 4 Rung		1	1	1	3	1	3	3	5	3	5
61151300	Ladder Frame 1450 2 Rung		-	2	-	-	2	2	-	-	2	2
61051300	Ladder Frame 1450 3 Rung		-	-	2	-	2	-	2	-	2	-
60951300	Ladder Frame 1450 4 Rung		1	1	1	3	1	3	3	5	3	5
39951300	Step-through Multi-purpose Frame		2	2	2	2	2	2	2	2	2	2
63851400	Guardrail Frame		2	2	2	2	2	2	2	2	2	2
31251300	Horizontal Brace 1.8m (red)		12	12	20	20	20	20	28	28	28	28
34951300	Horizontal Brace 3.2m (red)		4	4	4	4	4	4	4	4	4	4
31351300	Diagonal Brace 2.1m (blue)		4	8	12	12	16	16	20	20	24	24
60430300	Plan Brace 3.51m (green)		1	1	1	1	1	1	1	1	1	1
30451100	Trapdoor Platform 1.8m		2	2	2	4	4	4	4	6	6	6
30151100	Fixed Platform 1.8m		2	2	4	2	2	2	4	2	2	2
30351100	Fixed Platform 3.2m		2	2	2	2	2	2	2	2	2	2
35851100	Infill Platform 0.6m		2	2	2	2	2	2	2	2	2	2
35751100	Infill P:latform 0.3m		2	2	2	2	2	2	2	2	2	2
30150900	Toe Board Holder		8	8	8	8	8	8	8	8	8	8
30350900	End Toe Board 1.45m		2	2	2	2	2	2	2	2	2	2
30450900	Side Toe Board 1.8m		4	4	4	4	4	4	4	4	4	4
30650900	Side Toe Board 3.2m		2	2	2	2	2	2	2	2	2	2
31751300	SP7 Fixed Stabiliser		8	8	8	8	8	8	-	-	-	-
31851300	SP10 Telescopic Stabiliser		-	-	-	-	-	-	8	8	8	8
30001900	Tower Designation Information Kit		1	1	1	1	1	1	1	1	1	1

Total Self-Weight of Tower (kg)	298	326	382	392	411	419	515	525	544	552
Max. Leg Load Exerted (kg)	190	210	230	260	270	290	300	310	320	330
Max. No. of Persons on Any One Platform Unit	2	2	2	2	2	2	2	2	2	2
Max. No. of Persons Permitted on the Tower During Assembly & Dismantling	2	2	2	2	2	2	2	2	2	2
Max. No. of Simultaneous Working Platforms Permitted	1	1	1	1	1	1	1	1	1	1
Max. No. of Persons Permitted on the Working Platform During Use										
Highest Working Platform During Use	2	2	2	2	2	2	2	2	2	2
2nd/3rd/4th/5th/6th Highest Working Platform During Use	-	-	-	-	-	-	-	-	-	-
Max. Safe Working Load on the Working Platform (kg u.d.l)										
Highest Working Platform (kg u.d.l)	1192	1192	1192	1192	1192	1192	1192	1192	1192	1192
2nd/3rd/4th/5th/6th Highest Working Platform (kg u.d.l)	-	-	-	-	-	-	-	-	-	-
Max. Safe Working Load on the Entire Tower Scaffold (kg u.d.l)	1192	1192	1192	1192	1192	1192	1192	1192	1192	1192
Max. Working Platform Height for Internal Use (m)	1.2	2.2	2.7	3.2	3.7	4.2	4.7	5.2	5.7	6.2
Max. Working Platform Height for External Use (m)	1.2	2.2	2.7	3.2	3.7	4.2	4.7	5.2	5.7	6.2
Design Standard	BS1139-6	BS1139-6	BS1139-6	BS1139-6	BS1139-6	BS1139-6	BS1139-6	BS1139-6	BS1139-6	BS1139-6
Load Class	2	2	2	2	2	2	2	2	2	2
Access Class	D	D	D	D	D	D	D	D	D	D
Clear Height Class	-	-	H2	H2	H2	H2	H2	H2	H2	H2

NOTE: The safety data specified within the schedule above which relates to the specific tower to be assembled must be transferred into the pre-defined boxes on the Tower Designation Information insert found in the Tower Designation Information Kit.

2.3 Quantity Schedule

BoSS Linked Tower with Bridge Deck - 2.5m Long Main Towers with 3.2m Long Platforms

Code	Name	Working height (m)	Internal or external use									
			3.2	4.2	4.7	5.2	5.7	6.2	6.7	7.2	7.7	8.2
		Platform height (m)	1.2	2.2	2.7	3.2	3.7	4.2	4.7	5.2	5.7	6.2
32842300	Castor 150mm		8	8	8	8	8	8	8	8	8	8
33551300	Adjustable Leg		8	8	8	8	8	8	8	8	8	8
60551300	Span Frame 1450 2 Rung		-	2	-	-	2	2	-	-	2	2
60451300	Span Frame 1450 3 Rung		-	-	2	-	2	-	2	-	2	-
60351300	Span Frame 1450 4 Rung		1	1	1	3	1	3	3	5	3	5
61151300	Ladder Frame 1450 2 Rung		-	2	-	-	2	2	-	-	2	2
61051300	Ladder Frame 1450 3 Rung		-	-	2	-	2	-	2	-	2	-
60951300	Ladder Frame 1450 4 Rung		1	1	1	3	1	3	3	5	3	5
39951300	Step-through Multi-purpose Frame		2	2	2	2	2	2	2	2	2	2
63851400	Guardrail Frame		2	2	2	2	2	2	2	2	2	2
34851300	Horizontal Brace 2.5m (red)		12	12	20	20	20	20	28	28	28	28
34951300	Horizontal Brace 3.2m (red)		4	4	4	4	4	4	4	4	4	4
31451300	Diagonal Brace 2.7m (blue)		4	8	12	12	16	16	20	20	24	24
60430300	Plan Brace 3.51m (green)		1	1	1	1	1	1	1	1	1	1
30551100	Trapdoor Platform 2.5m		2	2	2	4	4	4	4	6	6	6
30251100	Fixed Platform 2.5m		2	2	4	2	2	2	4	2	2	2
30351100	Fixed Platform 3.2m		2	2	2	2	2	2	2	2	2	2
35851100	Infill Platform 0.6m		2	2	2	2	2	2	2	2	2	2
35751100	Infill Platform 0.3m		2	2	2	2	2	2	2	2	2	2
30150900	Toe Board Holder		8	8	8	8	8	8	8	8	8	8
30350900	End Toe Board 1.45m		2	2	2	2	2	2	2	2	2	2
30550900	Side Toe Board 2.5m		4	4	4	4	4	4	4	4	4	4
30650900	Side Toe Board 3.2m		2	2	2	2	2	2	2	2	2	2
31751300	SP7 Fixed Stabiliser		8	8	8	8	8	8	-	-	-	-
31851300	SP10 Telescopic Stabiliser		-	-	-	-	-	-	8	8	8	8
30001900	Tower Designation Information Kit		1	1	1	1	1	1	1	1	1	1

Total Self-Weight of Tower (kg)	325	354	424	432	453	461	570	579	600	608
Max. Leg Load Exerted (kg)	240	260	280	300	320	340	350	360	370	380
Max. No. of Persons on Any One Platform Unit	2	2	2	2	2	2	2	2	2	2
Max. No. of Persons Permitted on the Tower During Assembly & Dismantling	2	2	2	2	2	2	2	2	2	2
Max. No. of Simultaneous Working Platforms Permitted	1	1	1	1	1	1	1	1	1	1
Max. No. of Persons Permitted on the Working Platform During Use										
Highest Working Platform During Use	2	2	2	2	2	2	2	2	2	2
2nd/3rd/4th/5th/6th Highest Working Platform During Use	-	-	-	-	-	-	-	-	-	-
Max. Safe Working Load on the Working Platform (kg u.d.l)										
Highest Working Platform (kg u.d.l)	1448	1448	1448	1448	1448	1448	1448	1448	1448	1448
2nd/3rd/4th/5th/6th Highest Working Platform (kg u.d.l)	-	-	-	-	-	-	-	-	-	-
Max. Safe Working Load on the Entire Tower Scaffold (kg u.d.l)	1448	1448	1448	1448	1448	1448	1448	1448	1448	1448
Max. Working Platform Height for Internal Use (m)	1.2	2.2	2.7	3.2	3.7	4.2	4.7	5.2	5.7	6.2
Max. Working Platform Height for External Use (m)	1.2	2.2	2.7	3.2	3.7	4.2	4.7	5.2	5.7	6.2
Design Standard	BS1139-6	BS1139-6	BS1139-6	BS1139-6	BS1139-6	BS1139-6	BS1139-6	BS1139-6	BS1139-6	BS1139-6
Load Class	2	2	2	2	2	2	2	2	2	2
Access Class	D	D	D	D	D	D	D	D	D	D
Clear Height Class	-	-	H2	H2	H2	H2	H2	H2	H2	H2

NOTE: The safety data specified within the schedule above which relates to the specific tower to be assembled must be transferred into the pre-defined boxes on the Tower Designation Information insert found in the Tower Designation Information Kit.

2 Building the Tower

Assembly Variations

This section lists the permitted component variation from the Quantity Schedule.

Note: These substitutions must be made before assembly.

Bridge Platforms

1.8m or 2.5m platforms may be substituted for the 3.2m platforms.

The load limit for area C x Z is reduced to 312kg for the 1.8m platforms and 440kg for the 2.5m platforms (see safe working load information on page 14).

Component Code	Description	Weight (kg)
30151100	Fixed Platform 1.8m	11.8
31251300	Horizontal Brace 1.8m	2.0
60410300	Plan Brace 2.31m	2.7
30251100	Fixed Platform 2.5m	16.0
34851300	Horizontal Brace 2.5m	2.4
60420300	Plan Brace 2.89m	3.1

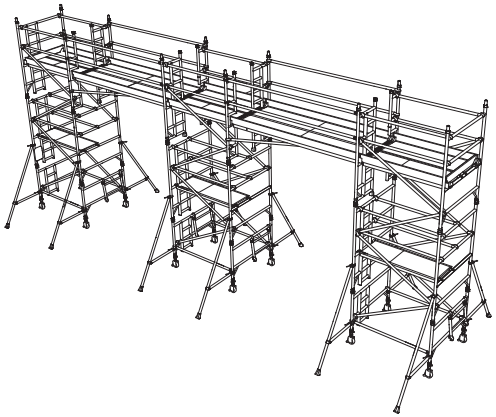
Appropriate guardrails and plan brace must be used.

Facade Runs

The structure may be extended to the number of bays required, in any combination of towers and bridge lengths.

Bases are identical for all towers. End frames at the working height will vary depending on the position of the tower in the facade as shown.

Note: The End frame gates must be offset to allow fitting the platforms.



Stabilisers

Stabilisers with Universal Clamps may be substituted:

Component Code	Description	Weight (kg)
31751400	SP7	4.0
31851400	SP10	9.0

Castors

Other Castor sizes and types may be substituted:

Component Code	Description	Weight (kg)
31842300	Diameter 150mm (Tyred)	3.2
32942300	Diameter 200mm	3.9
31942300	Diameter 200mm (Tyred)	3.9

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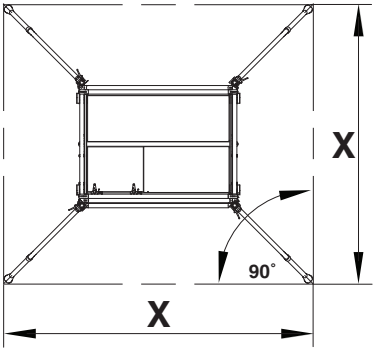
2.4 Stabilisers

Stabilisers should always be fitted when specified. See quantity schedule on pages 8 to 11. Stabilisers must always be fully extended.

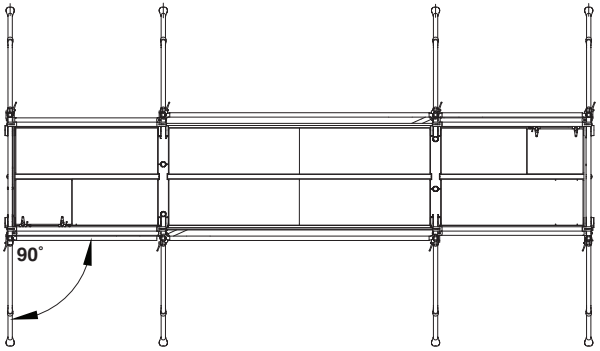
Attach one stabiliser to each corner of the tower as shown.

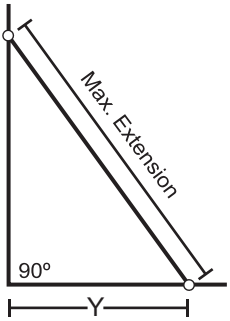
Position the lower clamp so that the lower arm is as close to horizontal as possible. Adjust the position of the upper clamp to ensure the stabiliser foot is in contact with the ground. Ensure clamps are secure.

Temporary Stabiliser Pattern During Assembly



Before Use



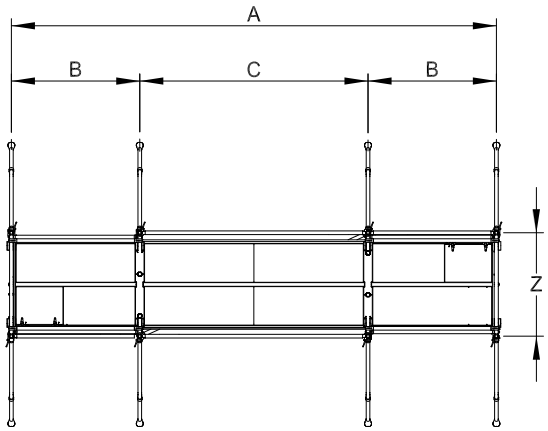


Description	Y (mm)
SP7	1227
SP10	2241

2 Building the Tower

2.5 Safe Working Load

Safe working loads, normally expressed in kN/m², are expressed below in kg per defined working area.



1.8m Long Main Towers Linked with 3.2m Long Platforms			
Defined Working Area	**Max. Safe Working Load** (Uniformly Distributed Including Persons)	**Load Class**	**Max. No. of Persons***
A x Z	1192kg	2	2
B x Z	312kg		
C x Z	568kg		

2.5m Long Main Towers Linked with 3.2m Long Platforms			
Defined Working Area	**Max. Safe Working Load** (Uniformly Distributed Including Persons)	**Load Class**	**Max. No. of Persons***
A x Z	1448kg	2	2
B x Z	440kg		
C x Z	568kg		

*Persons are assumed to be 122kg (Reference to HSE - Revision of body size criteria in standards protecting people who work at height - Research report 342).

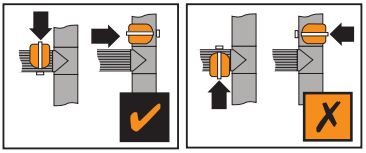
2 Building the Tower

2.6 Assembly

This tower structure must be assembled, and components oriented, in accordance with this instruction manual. Deviation from this instruction manual is not permitted.

THIS TOWER MUST NOT BE USED AS AN ANCHOR POINT FOR PERSONAL FALL PROTECTION EQUIPMENT.

- No tools are required for assembly.
- An inclinometer, such as a spirit level, will be required to level the base.
- A tape measure will be required to set the stabiliser positions.
- The assembly uses the 3T (Through the Trapdoor) method that provides collective fall protection.
  - From the sitting position in the trapdoor opening fit all guardrails before standing on the platform.
  - Fit braces in the locations described and ensure the claws are locked.



  - DO NOT stand on an unprotected platform.

- This tower requires a minimum of two people for safe assembly.
- Components must be lifted within the footprint of the tower using a reliable method such as a strong rope with a clove hitch knot.
- The tower base should be levelled to within 0.6° before continuing the assembly.
- The adjustable legs are for levelling the tower only and not to be used to gain extra height.
- Ensure when the base is levelled the distance from the ground to the first climbing rung is less than 400mm.
- Stabilisers of the size specified in the quantity schedule should be fitted at the earliest opportunity.

2 Building the Tower

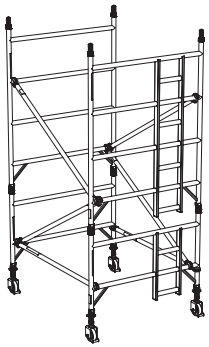
- Always start assembly with the smallest end frames at the base.

Platform Height (m)	1st Frame	2nd Frame	1st Platform
1.2	Step-through Multi-purpose Frame (2m)	-	2nd Rung
3.2, 5.2	4 Rung (2m)	4 Rung (2m)	2nd Rung
3.7, 5.7	2 Rung (1m)	3 Rung (1.5m)	3rd Rung
2.2, 4.2, 6.2	2 Rung (1m)	4 Rung (2m)	4th Rung
2.7, 4.7	3 Rung (1.5m)	4 Rung (2m)	1st Rung

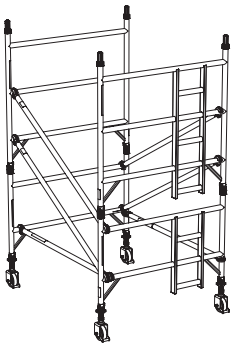
- Where all three frames are specified, start with the 2 rung, 3 rung next and 4 rung on top. Refer to the quantity schedule for details.

Platform heights:
3.2m, 5.2m

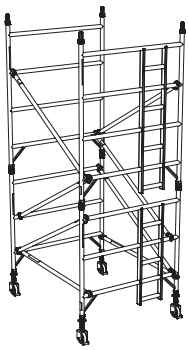
Platform heights:
2.2m, 4.2m, 6.2m



Platform heights:
3.7m, 5.7m



Platform heights:
2.7m, 4.7m

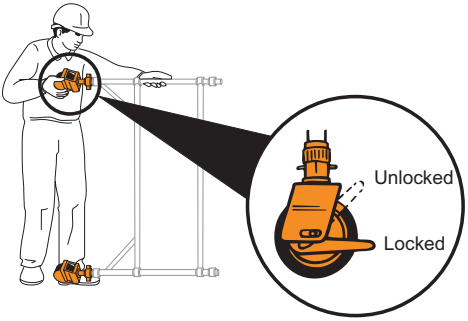


2 Building the Tower

The procedure illustrated shows a 4.2m platform height tower, starting with a 2 rung end frame. Two identical tower based must be assembled.

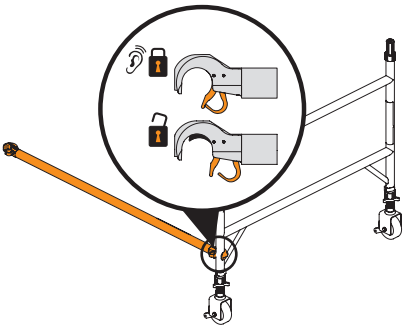
1 Push castor into adjustable leg. Push castor/adjustable leg assemblies into a span frame. Lock castors. Repeat procedure with a ladder frame.

It is recommended that for ease of levelling a gap of 50mm is left between the bottom of the leg and the adjustable nut.



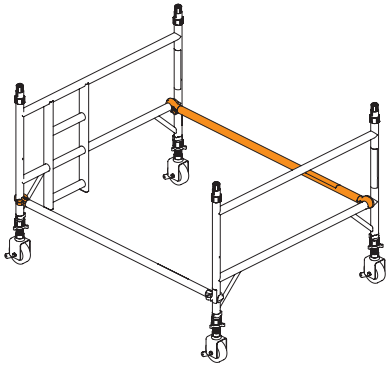
2 Fit one horizontal brace (red) onto the vertical of a span frame as shown, with the claw facing outwards. The frame will now be self-supporting.

All locking claws must be opened before fitting & positively locked after fitting.



3 Position the ladder frame as shown and fit the other end of the horizontal brace on to the vertical.

Fit a second horizontal brace between the bottom rungs on the other side of the frames to square the tower.



2 Building the Tower

4 Fit two additional end frames, ensuring the frame interlock clips are engaged.

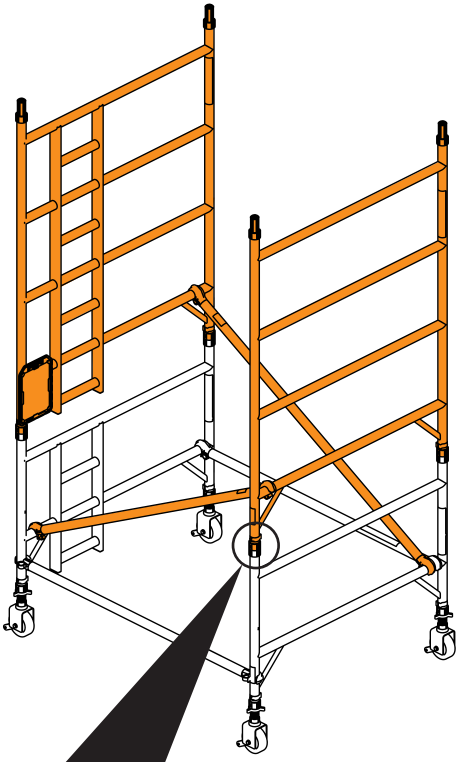
Fit two diagonal braces (blue) in opposite directions between the 1st and 3rd rungs.

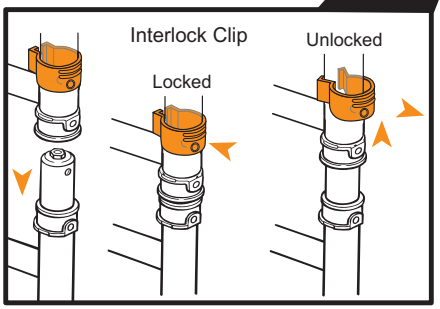
Using the adjustable legs, level the frames to within 0.6º.

Use one of the towers as a datum and ensure both towers are at the same level, aligned and at the correct spacing.

Only use the adjustment on the legs to level the tower and not to gain extra height.

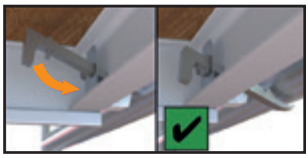
Record the tower designation and safety data within the tower designation information kit and attach it to one of the tower bases. Refer to safety data for content.





2 Building the Tower

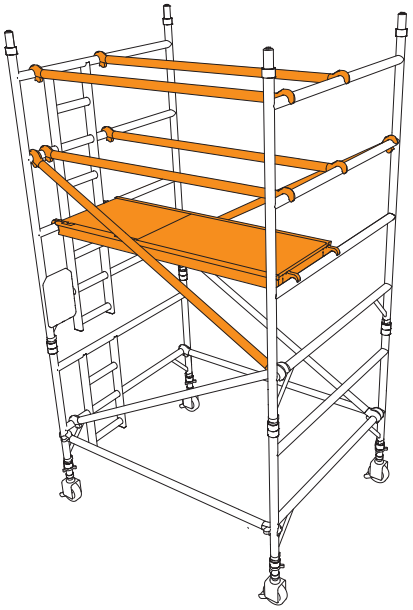
5 Fit the next pair of diagonal braces in opposite directions between the 3rd and 5th rungs. Fit a trapdoor platform on the 4th rung (2.0m) next to the ladder. Ensure the trapdoor is positioned with the hinges towards the outside of the tower as shown, and all platform wind-locks are engaged.



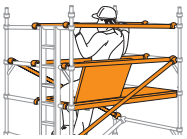
Climb the ladder from the protected trapdoor position, fit the horizontal braces on the 5th and 6th rungs (in that order) on both sides of the platform.

When horizontal braces are fitted as guardrails, they should be 0.5m and 1.0m (1 and 2 rungs) above the platform level in all cases.

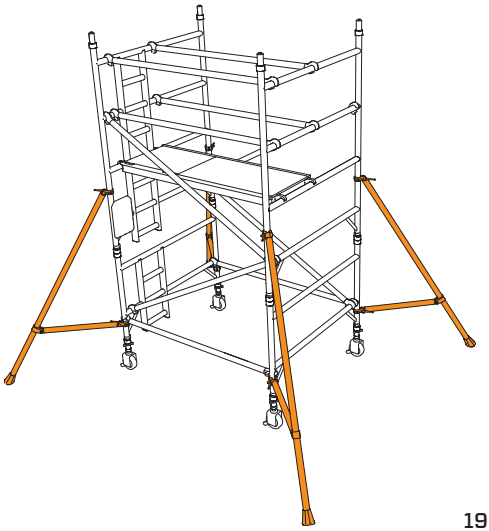
Do not climb on the platform until all guardrails are in place.



3T - Protected Trapdoor Position



6 Fit stabilisers as shown (See notes on **page 13**).



2 Building the Tower

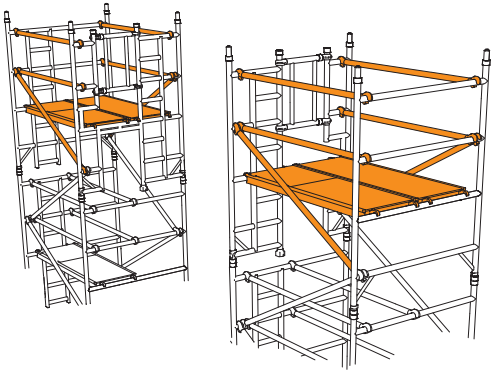
7 Fit the guardrail frames to the step-through multi-purpose ladder frames, ensuring all claws are positively locked and add the sub-assemblies to the structure. Note: The guardrails must detach inward.

Fit one ladder frame, one span frame and four diagonal braces as shown.

8 Fit the fixed platforms and trapdoor platforms 2m above the previous levels. Ensure the platform wind-locks are engaged. Note the orientation of the trapdoor.

From the protected trapdoor position, fit guardrails at 0.5m and 1.0m (in that order) above the platform level.

Fit the final diagonal braces as shown.



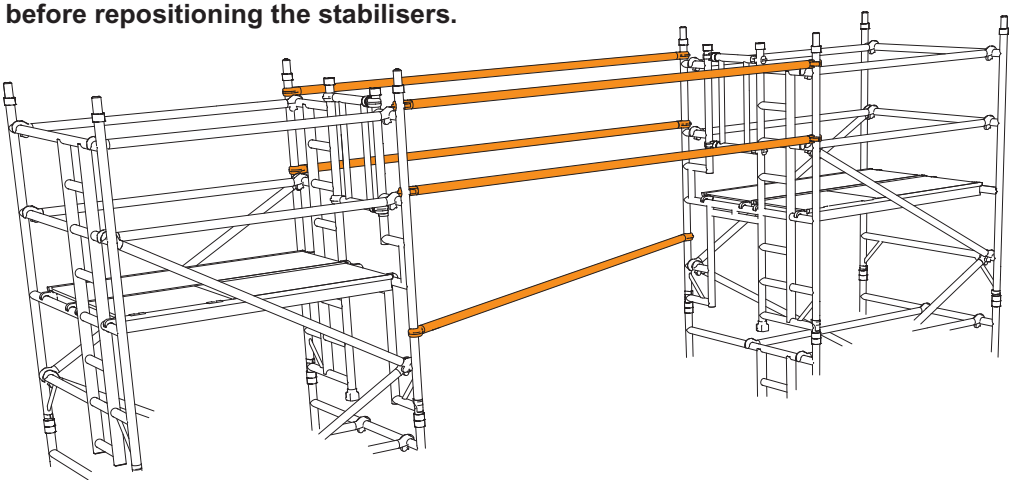
2 Building the Tower

9 Fit four 3.2m horizontal braces on the uprights of the step-through multi-purpose frames, just above the rungs, as shown. **The open section of the claws must face outwards.**

Fit a plan brace between the uprights as shown. Ensure the claws are positively locked.

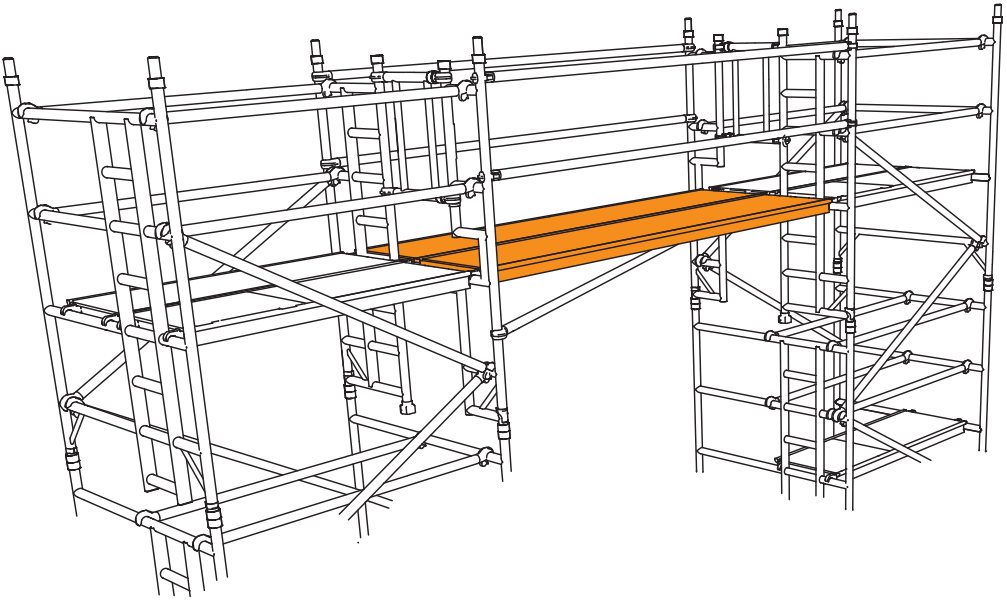
Reposition the stabilisers to the 'before use' position as shown on **page 13**.

Ensure all persons, materials and tools are removed from the tower before repositioning the stabilisers.



2 Building the Tower

10 From the protected position within the main towers, fit two fixed platforms between the towers as shown. Ensure all platform wind-locks are engaged.

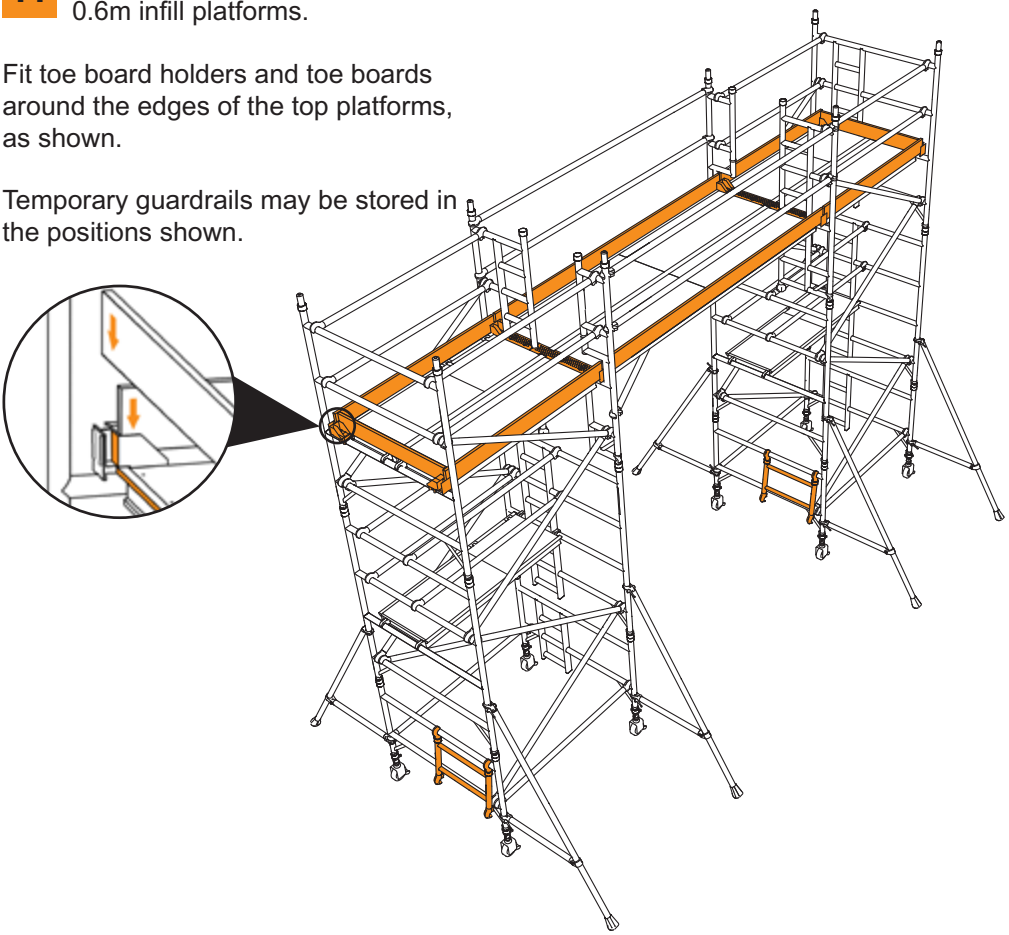


2 Building the Tower

11 Fit two 0.3m infill platforms and 0.6m infill platforms.

Fit toe board holders and toe boards around the edges of the top platforms, as shown.

Temporary guardrails may be stored in the positions shown.



The tower is now complete.

2.7 Dismantling

To dismantle the tower, reverse the assembly procedure, ensuring that the 3T method is followed.

When removing the guardrails unlock the four claws furthest from the trapdoor and return immediately to the protected position within the trapdoor. The other claws can then be unlocked, and the guardrails removed from the tower.

3 Using the Tower

3.1 Safety Checklist

This inspection must be carried out before initial use, after moving the tower, if any environmental condition change that may affect the tower and at regular intervals determined by local regulations.

Local regulations may also specify other information to be supplied to the user or attached to the structure. These regulations must be followed.

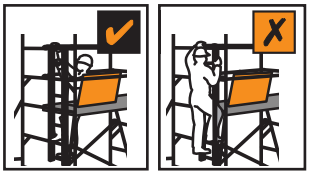
3.2 Pre-Use Checklist

Tower upright and level to within 0.6°	✔
Castor brakes locked and all wheels in ground contact	✔
All interlock clips engaged	✔
Braces/Guardrails correctly positioned	✔
All claws latched	✔
All platform wind-locks engaged	✔
Correct stabiliser size fitted and positioned	✔
Toe boards fitted to working platform	✔
Infill platforms fitted correctly	✔
Tower designation information kit fitted	✔
Instruction manual available to user	✔
No environment changes affecting safe use have occurred or are likely	✔
Tower is the correct height for intended use	✔

3 Using the Tower

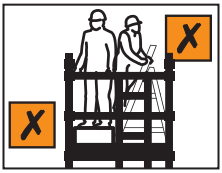
3.3 Use

- This tower must not be used as an anchor point for personal fall arrest equipment.
- The tower must only be climbed on the inside, using the access method specified.

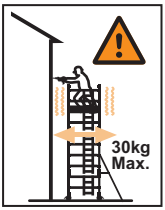


- This tower provides a work platform. It must not be used to access other structures or as a means of edge protection for other structures.

- Raising and lowering tools and materials must only be conducted within the tower footprint.
- Only one platform at a time can be used as a working platform. Toe boards must be fitted to that platform.
- Ensure the safe working load on the structure is not exceeded. The number of people permitted on the tower at any time is limited by the safe working load. See loading information on page 14.
- The adjustable legs are for levelling the tower only. They must not be used to gain extra height.
- Do not use boxes, stepladders or other objects to gain extra height.

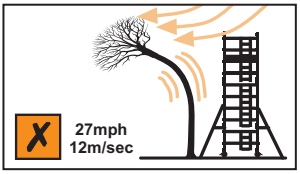


- Beware of horizontal forces that might cause instability. Maximum horizontal force = 30kg per bay.



3 Using the Tower

- Beware of high winds. This tower has been assessed as a freestanding structure for wind loads equating to 27mph (43kph, 12m/s). If greater windspeeds are forecast the tower must be moved to a sheltered location or dismantled while it is still safe to do so. Forecast windspeed must be taken into account if leaving the tower unattended.



- Sheets, tarpaulins, or signage must not be attached to this tower outdoors.

3.4 Movement of the Assembled Prefabricated Tower Scaffold

MOVING A FULLY ASSEMBLED TOWER CAN BE EXTREMELY HAZARDOUS.

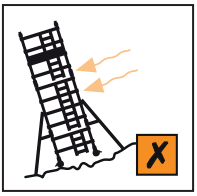
If there is any doubt about the safety of the move, the tower must be dismantled and reassembled in the new location.

This tower is not designed to be lifted or suspended.

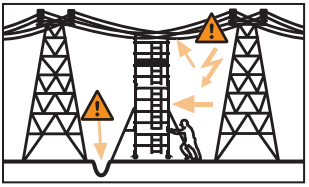
Ensure gloves or other suitable hand protection is worn.

Before

- Beware of rough, sloping ground and high winds. Tower stability is improved by reducing height. Reduce the height of the tower prior to moving in accordance with any applicable and relevant risk assessment, safe system of work or method statement. Tower stability is also improved by adding two temporary horizontal braces and a plan brace between the two tower bases.



- Survey the route to be taken. Assess the ground condition/slope and any overhead obstructions or hazards and wind conditions.



3 Using the Tower

- Ensure there are no persons, tools, or materials on the tower.

- Release the castor brakes.
- Release the stabiliser top clamp to allow the feet to be raised a maximum of 25mm. Re-tighten the clamps.

During

- The tower must be moved only by manual effort, pushing at the base of the tower.
- The tower should never be moved faster than normal walking speed.
- Constant attention must be given to the position of the castors, stabiliser feet and the top of the tower.
- If there is any resistance to movement, stop and investigate the reason before continuing.

After

As soon as the move is complete; lock the castor brakes, lower the stabiliser feet, and perform the pre-use inspection.

4 Addendum

Werner UK Sales and Distribution Ltd. believes that some of the following may cause confusion or misunderstanding. This should be considered before acting on this information.

Mandatory wording, required to gain certification to BS 1139-6:2022.

This information shall be available at the location of use of the prefabricated tower scaffold.

This prefabricated tower scaffold shall only be used according to this information.

When working outdoors, the weather forecast shall be taken into account before assembly, use and dismantling.

Platforms shall be installed with vertical distances between them not exceeding 2.1m when assembling and dismantling.

Alterations to the prefabricated tower are only permitted where they are shown in these instructions.

User training courses cannot be a substitute for instruction manuals and assembly, use and dismantling plans but can only complement them.

Only the components specified in this information shall be used.

Damaged or incorrect components shall not be used.

Prefabricated tower scaffolds designed in accordance with this standard are not anchor points for personal fall arrest equipment.

Working is only permitted on a platform with a complete side protection including guardrails and toeboards.

In the event that an alteration to the prefabricated tower scaffold design is required, approval from the supplier and/or designer shall be obtained and a revised instruction manual or assembly, user and dismantling plan created.

After assembly or alteration, the following minimum information should be displayed on the prefabricated tower scaffold and be clearly visible from the ground (e.g. on a tag).

a) The name and contact details of the responsible person.
b) If the tower is ready for application or not.
c) The load class and uniformly distributed load.
d) If the if prefabricated scaffold is intended for internal use only.

e) The date of assembly.
f) The maximum number of simultaneous working platforms permitted.
g) The maximum number of persons permitted on the working platform(s) during use.
h) The maximum number of persons permitted on the tower during assembly and dismantling.
i) The maximum number of persons permitted on any one platform.
j) The maximum safe working load on the working platform.
k) The maximum safe working load on the prefabricated tower scaffold.
l) The load class of the prefabricated tower scaffold.
m) The maximum horizontal force permitted at the working platform(s).
n) The maximum wind limits for working on the prefabricated tower scaffold.
o) The maximum wind limits for the prefabricated tower scaffold.

Mandatory information, required to gain certification to BS 1139-6:2022.

When moving the tower:

- Maximum windspeed = 0mph
- Maximum slope = 0°
- Maximum platform height = 2.2m

Explanatory Note
This tower may be moved when a wind is blowing, when there is a slope and with platform heights greater than 2.2m, but many factors contribute to safe movement. It is not possible to give maximum figures that apply in all circumstances. See section 3.4 above. A task risk assessment should be made.

When working on the tower:

- Maximum windspeed = 0mph

Explanatory Note
It is possible to work on the tower at windspeeds greater than 0mph. The safe working windspeed will depend on the work being undertaken. A task risk assessment should be made.

BOSS®

For further information and support for the Linked Tower or any other products, design advice and services, please contact:

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