SAFETY FIRST

This document is to be used in conjunction with the full user guide available from the manufacturer or to download at bossaccesstowers.com/literature.

Safe use

Please read this guide carefully. Please note that diagrams are for illustrative purposes only.
- Check that all components are clean, undamaged and that they are functioning correctly. Refer to Checklist and Quantity Schedules in the user guide. Damaged or incorrect components should not be used.
- Check ground on which tower is to be erected and moved is capable of supporting the tower.
- The safe working load is 2744lbs (1213lbs). per platform level, uniformly distributed up to a maximum of 550kgs (1213lbs), per platform (including self-weight).
- Beware of horizontal forces (e.g. power tools), which could generate instability.
- Maximum horizontal force equals 350lbs.
- Towers must only ever be climbed from the inside and using the rungs directly below the trapdoor.
- It is recommended that towers should be tied to a solid structure when left unattended.
- Only use the adjustable legs to level the tower and not to gain extra height. Adjustable legs should only ever be extended to minimum amount required to level the tower.

Lifting of equipment

- Tower components should be lifted using a reliable lifting material (e.g. strong rope), employing a reliable level (e.g. clove hitch), to ensure safe lifting and always WI within the footprint of the tower.
- Assembled mobile towers should not be lifted with a crane or other lifting device.
- Ensure the safe working load of the supporting decks of the tower structure is not exceeded.
- Tower components should be lifted using the BoSS SOLO700 assembly bracket.

Movement

- The tower should only be moved by manual effort, and only from the base.
- No person or materials should be on the tower during movement.
- Caution should be exercised when wheeling a tower over rough, uneven or sloping ground, taking care to unlock and lock castors. If stabilisers are fitted, they should always be used at minimum dimensions, or 4 metres overall height with stabilisers fitted in the correct position (whichever is the smallest). If stabilisers are not fitted in the standard position, the overall height of the tower should not exceed 2m.
- Before use, check the tower is still correct and complete.
- After every movement of the tower, use a spirit level to check that it is vertical and level (whichever is the smallest). Hence, if interlock clips on frame members are in the ‘locked’ position.
- Ensure wind-locks are engaged before moving onto the deck levels.
- Ensure horizontal braces and guardrails are fitted correctly.

Towers

For further information on using a tower please contact your supplier or the manufacturer.

Maintenance - storage - transport

All components and their parts should be regularly inspected to identify damage. Particulars to joints, cast or broскed parts should be replaced, and any Voting with indentation greater than 5mm must not be used.

Number of working platforms allowed

The MAXIMUM SAFE WORKING LOAD (the combined weight of the users, tools and materials) that may be placed on the tower is 2744lbs.

Platform loading

The maximum safe working load is 2744lbs, which must be evenly distributed over the whole platform level. The quantity schedules shown in this user guide will enable the tower to be used safely and therefore comply with the requirements of the ‘Work at Height Regulations’. Folding toe boards will need to be added if any levels are used as working platforms, or for storage of materials.

This tower system has been developed in accordance with EN3004 for single person use. If the tower is to be used with two people, SP4 stabilisers must be fitted in place of SP4 stabilisers.

Quantity Schedule 1.3m x 0.7m

<table>
<thead>
<tr>
<th>Component</th>
<th>Internal or external use</th>
<th>Component</th>
<th>Working height (m)</th>
<th>Platform height (m)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Castor</td>
<td>4.2</td>
<td>2.2</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Adjustable Leg</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td></td>
<td>4 Rung End Frame</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Folding Base Unit</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1.3m Cantilever Guardrail Frame</td>
<td>3</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1.3m Trapdoor Deck</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1.3m Horizontal Brace</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Aluminium Folding Toe Board</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Assembly Bracket</td>
<td>2</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>SP4 Telescopic Stabiliser</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Total Self-Weight of Tower (kg)</td>
<td></td>
<td>90</td>
<td>121</td>
<td></td>
</tr>
</tbody>
</table>

The MAXIMUM SAFE WORKING LOAD (the combined weight of the users, tools and materials) that may be placed on the tower is 2744lbs.
During use

Beware of high winds in exposed, gusty or mountainous conditions. We recommend that in wind speeds over 7.7 metres per second (35mph), cease working on the tower and do not attempt to move it. If the wind becomes a strong breeze, (expected to reach 11.3 metres per second (40mph)) cease working on the tower and do not attempt to move it. If the wind becomes a strong breeze, (expected to reach 11.3 metres per second (40mph))

• Beware of open-ended buildings, which can cause a funnelling effect.
• Raising and lowering components, tools, and/or materials by rope should be conducted within the tower base. Ensure that the safe working load of the supporting decks and the tower structure is not exceeded.
• Raising and lowering components, tools, and/or materials by rope should be conducted within the tower base. Ensure that the safe working load of the supporting decks and the tower structure is not exceeded.
• Beware of horizontal forces (e.g. power lines) which could generate instability. Maximum horizontal force 20kg.
• The stairway towers, featuring an inclined staircase access, are for frequent use by personnel carrying tools and/or materials.
• Do not use boxes or stepladders or other objects on the platform to gain extra height.

### ASSEMBLY PROCEDURE

The BoSS SOLO system has been developed so that a single person can safely build the tower to a platform height of 6.2m.

1. Insert castor into adjustable leg. Apply brakes by pushing the lever down, release frame interlock clips and fit the leg and castor assembly into a 1m base frame. Repeat with the remaining legs and castors. Adjustable legs should only be used for levelling.

2. Fits stilts to tower before extending horizontal braces. Position top clamp above rung 6, second clamp locates above rung 2. Extend horizontal leg by removing the interlock clip. Slide the leg out until the leg reaches the ground. Retract leg and the interlock clip holds line up. Lock the leg by using the interlock clip and adjust the stabiliser to ensure the stabilisers are engaged.

3. From the ground level, position a trapdoor deck on rung 8. Engage the lock holes. Locate assembly bracket No. 1 on front face of lowest camlock guardrail. Position the guardrail on the front of the tower as shown. All guardrails should fit to the 2nd and 4th rung above the platform deck. Position with second camlock guardrail frame on the front of tower to fully secure platform. Engage and lock camlock clips.

4. The stairway towers, featuring an inclined staircase access, are for frequent use by personnel carrying tools and/or materials.

5. Stand on the protected platform, lift the second trapdoor deck on the platform deck. Move assembly brackets to base of the tower and fit to the lowest rung of the end frames.

6. Hang four camlock guardrail units in order on the front assembly bracket and then 1 x folding toe board. Place the last camlock guardrail on the end frame assembly bracket No. 2. Hang two pairs of connected 4 rung frames on the end bracket No. 2, then hang the second trapdoor deck on the bracket.

7. Hang four camlock guardrail units in order on the front assembly bracket and then 1 x folding toe board. Place the last camlock guardrail on the end frame assembly bracket No. 2. Hang two pairs of connected 4 rung frames on the end bracket No. 2, then hang the second trapdoor deck on the bracket.

8. Standing up on the protected platform, lift the second trapdoor deck onto the platform. Store the rear guardrail clear of the end frames. Do not climb onto the platform until guardrails are in place.

9. Place the trapdoor deck onto the 10th rung of the tower and engage the lock holes. Climb the end frame from within and from the protected trapdoor position. If the camlock guardrails as shown.

10. Unclip the storage strap from the folding toe board set, retract and lift the toe board into position on the working arms of the assembly brackets.

11. Unclip the storage strap from the folding toe board set, retract and lift the toe board into position on the working arms of the assembly brackets.

12. Unclip the storage strap from the folding toe board set, retract and lift the toe board into position on the working arms of the assembly brackets.

13. Unclip the storage strap from the folding toe board set, retract and lift the toe board into position on the working arms of the assembly brackets.

### DISMANTLING PROCEDURE

Simple follows the assembly steps in reverse, ensuring that the ST method is followed.

### STORAGE TROLLEY

1. Assemble the folding base frame with one trapdoor deck positioned on the bottom rung forming the base of the trolley. Lower all adjustable legs as far as possible.

2. Climb the tower from the inside and from a protected position on the tower. Reach the 2nd and 4th rung above the platform deck. Position with second camlock guardrail frame on the front of tower to fully secure platform. Engage and lock camlock clips.

3. Place the camlock brackets and extend the trolley. Engage the end frame assembly brackets. Place the 1m end frames in the centre of the trolley between the arms of the assembly brackets.

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### Warning: Assembly Brackets are designed and intended only to aid assembly and dismantling.

For a detailed user guide, please go to bossaccesstowers.com/literature