

YOUNGMAN

INNOVATIVE WORK AT HEIGHT SOLUTIONS



BoSS Room-Mate

3T - Through the Trapdoor Method

USER GUIDE

Introduction

This BOSS ROOM-MATE User Guide is designed to provide you with step by step instructions to ensure that your system is erected with the maximum of ease and safety. Before assembly, please read this User Guide. If the scaffold is passed on to another person they should also receive these instructions.

Compliance

All BOSS ROOM-MATE Towers must comply with the general requirements of the following:

- BSEN 1004:2004
- Work at Height Regulations 2005

Safety

- Check that all the components are available and are functioning correctly.
- Check that the ground is level and capable of supporting the weight of the structure.
- During erection it is recommended that a temporary guardrail brace be employed.
- The safe working load is 275kg per platform uniformly distributed, 750kg maximum per scaffold structure. This weight should not be exceeded.

Lifting of equipment (at higher levels)

- Components should be firmly secured by a reliable lifting material (e.g. rope) employing a reliable knot to ensure safe fastening.

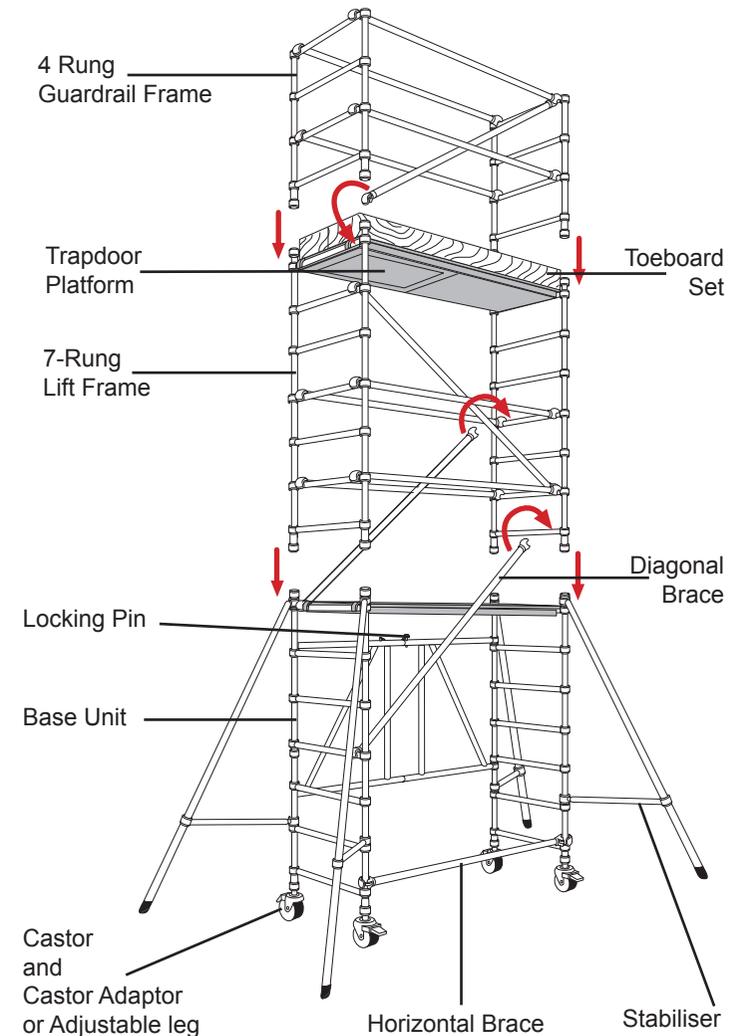
Movement

- The Room-Mate should only be moved by manual effort at the base.
- No personnel or materials should be on the structure during movements. During use
- The BOSS ROOM-MATE is intended mainly for internal use - if used externally, beware of winds in excess of 17mph (7.7 metres/second) and cease working on the tower.
- Raising and lowering of components should be conducted within the base of the scaffold.
- Beware of horizontal forces that generate in excess of 20 kg.

Preparation and Inspection

Inspect the equipment before use, to ensure that it is free from damage and functions properly. Ensure you are using the correct PPE equipment for the application on which you are working.

Components



BOSS ROOM-MATE Quantity Schedule

Code	Description	Weight (kgs)	(WH) = Working Height (PH) = Platform Height	
			(WH) 2.80m (PH) 0.80m	3.80m 1.80m
No. of rungs to platform			Height 1	Height 2
333513	125mm Castor	2.50	4	4
324413	Castor Adaptor*	0.21	4	4

*When used on uneven ground and adjustment is required, 4 adjustable legs may be used which replace the castor adaptors.

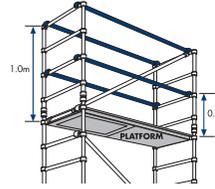
301514	Base Unit	21.43	1	1	1	1	1	1	1
302514	7 Rung Lift Frame	9.80			2	2	4	4	6
303514	4 Rung Guardrail Frame	5.60		2					
304511	1.8m Trapdoor Deck	14.35	1	1	2	2	3	3	4
312513	1.8m Horizontal Brace (red)	1.88	3	4	7	9	9	9	13
313513	2.1m Diagonal Brace (blue)	2.06	1	1	2	4	4	4	6
304514	Toeboard Set	10.00	1	1	1	1	1	1	1
317513	SP7 Fixed Stabiliser	5.80		4*	4	4	4	4	4
318513	SP10 Adjustable Stabiliser	9.87						4	4

* SP7 Stabiliser only required when ROOM-MATE is used externally.

Assembly

When erecting a BoSS Room-Mate:

- To comply with the Work at Height Regulations, guardrails are positioned in advance of climbing onto a platform to reduce the risk of a fall.
- All platforms feature double guardrails on both faces of the tower.
- All guardrails should be 2 and 4 rungs (0.5m and 1.0m) above platforms. Position handrails 4 rungs above platform level. Position intermediate handrails 2 rungs above platform level.
- Never stand on an unguarded platform positioned above the second rung of a tower. If your risk assessment shows it necessary you may also need to guardrail platforms at this level.

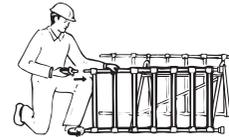


To dismantle a BoSS Room-Mate:

- Remove toeboards, and pass down the tower.
- Unclip farthest end of braces and immediately go to protected trapdoor position on ladder to complete removal.
- Remove upper platforms from protected platform levels below.
- Pass removed components out of the tower to a colleague.

0.8m Platform Height

- Insert castor into adaptor or adjustable leg and then into base of frame.
- Unfold base unit, insert locking pin. Lock castors and level base.
- Insert deck on 3rd rung of tower.
- Fit horizontal braces (red) as guardrails, on the 5th and 7th rungs.
- The Tower is now complete.



Assembly

1.8m Platform Height

- Insert castor into adaptor or adjustable leg and then into base of frame.
- Unfold base unit, insert locking pin, and locate deck on 2nd rung of the tower. Lock castors and level base.
- Insert 2 x guardrail frames.
- Move deck to 7th rung of tower.
- Fit 4 x stabilisers *



- Fit 4 x horizontals as guardrails (3T method) on the 9th and 11th rungs.



- Fit diagonal brace (blue) on the front of the tower, from the 4th to the 8th rung.

- Fit toeboards. The Tower is now complete. * Stabilisers are not required if tower is being used internally at this deck height.

2.55m Platform Height

- Insert castor into adaptor or adjustable leg and then into base of frame.
- Unfold base unit, insert locking pin. Fit horizontal brace to 1st rung of open side of base unit. Lock castors and level base.
- Insert deck on 2nd rung of tower.
- Insert 2 x lift frames.
- Fit diagonal brace (blue) on front of tower, between the 4th and 8th rungs.



- Insert deck on 10th rung.

- Fit 4 x stabilisers.

- Fit 4 x horizontal braces (red) as guardrails (3T method) on the 12th and 14th rungs.

- Fit diagonal brace (blue) on the front of the tower, between the 10th and 14th rungs.

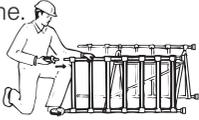
- Fit toeboards. The Tower is now complete.



Assembly

3.55m Platform Height

1 1 Insert castor into adaptor or adjustable leg and then into base of frame.



2 Unfold base unit, insert locking pin. Fit horizontal brace to 1st rung of open side of base unit., lock castors and level base.



3 Insert deck on 2nd rung of tower.



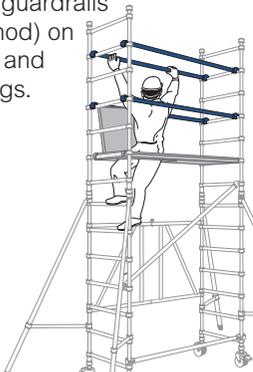
4 Insert 2 x lift frames.

5 Fit diagonal brace (blue) on front of tower, between the 4th and 8th rungs.

6 Insert deck on 9th rung of tower.

7 Fit 4 x stabilisers.

8 Fit 4 x horizontal braces (red) as guardrails (3T method) on the 11th and 13th rungs.



9 Insert 2 x guardrail frames.

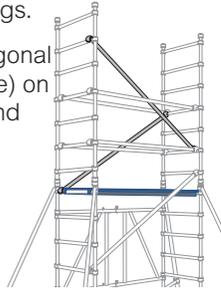
10 Remove 2 x horizontal braces (guardrails 3T method) from the 13th rung.

11 Remove the deck from the 9th rung of the tower.

12 Reposition the deck in the tower, from the 2nd to 7th rung.

13 Reposition 2 x horizontals as guardrails 3T method, on the 9th rungs.

14 Fit diagonal brace (blue) on the front and rear of the tower.

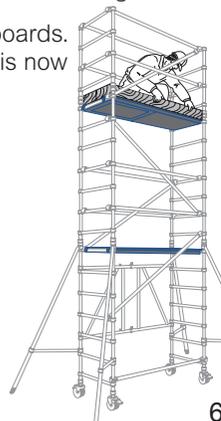


15 Insert deck on the 14th rung of the tower.

16 Fit 4 x horizontals as guardrails 3T method, on the 16th and 18th rungs.

17 Fit diagonal brace (blue) on the front of the tower, between the 14th and 18th rungs.

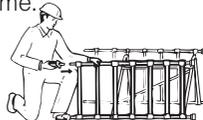
18 Fit toeboards. The Tower is now complete.



Assembly

4.3m Platform Height

1 Insert castor into adaptor or adjustable leg and then into base of frame.



2 Unfold base unit, insert locking pin. Fit horizontal brace to 1st rung of open side of base unit., lock castors and level base.



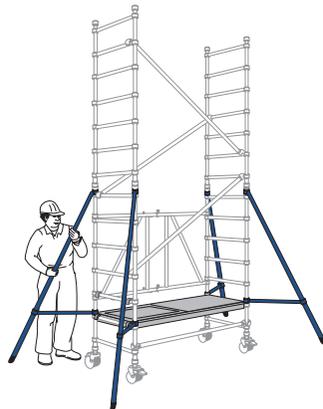
3 Insert deck on 2nd rung of the tower.

4 Insert 2 x lift frames.

5 Fit diagonal brace (blue) on front of tower, between the 4th and 8th rungs.

6 Insert deck on 9th rung of tower.

7 Fit 4 x SP10 stabilisers.



8 Fit 4 x horizontal braces (red) as guardrails 3T method, on the 11th and 13th rungs.



9 Insert 2 x lift frames.

10 Fit diagonal brace (blue) on front and rear of tower between 11th and 15th rungs.



11 Insert deck on the 17th rung.

12 Fit 4 x horizontal braces (red) as guardrails 3T method, on the 19th and 21st rungs.

13 Fit diagonal brace (blue) on the front of the tower, between the 17th and 21st rungs.

14 Fit toeboards.

The Tower is now complete.



Assembly

6.2m Platform Height

1 Insert castor into adaptor or adjustable leg and then into base of frame.

2 Unfold base unit, insert locking pin. Fit horizontal brace to 1st rung of open side of base unit, lock castors and level base.

3 Insert deck on 2nd rung of the tower.

4 Insert 2 x lift frames.

5 Fit diagonal brace (blue) on the front of the tower, between the 4th and 8th rungs.

6 Insert deck on 8th rung of tower.

7 Fit 4 x horizontals as guardrails 3T method, on the 10th and 12th rungs.

8 Fit 4 x SP10 stabilisers.

9 Insert 2 x lift frames.

10 Insert deck on the 16th rung of tower.

11 Fit diagonal brace (blue) on the front and rear of the tower, between the 11th and 15th rungs.

12 Fit 4 x horizontal braces (red) as guardrails 3T method, on the 18th and 20th rungs.

13 Insert 2 x lift frames.

14 Insert deck on the 24th rung of tower.

15 Fit diagonal brace (blue) on the front and rear of the tower, between the 18th and 22nd rungs.

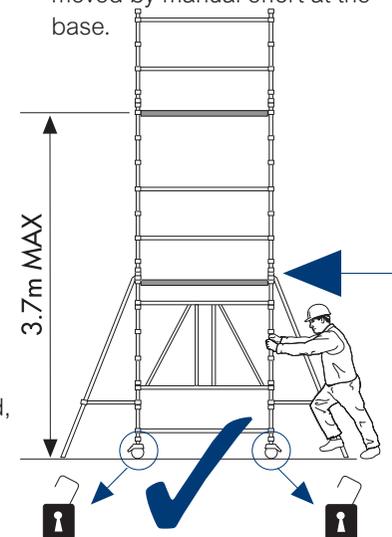
16 Fit 4 x horizontal braces (red) as guardrails 3T method, on the 26th and 28th rungs.

17 Fit diagonal brace (blue) on the front of the tower, between the 24th and 28th rungs.

18 Fit toeboards. The Tower is now complete.

Movement of all ROOM-MATE platforms

● The scaffold should only be moved by manual effort at the base.



● No personnel or materials should be on the structure during movement.

Checklist

- Inspect components prior to erection
 - Inspect tower prior to use
 - Tower upright and level
 - Castors locked/legs correctly adjusted
 - Braces and platform level
 - Stabilisers fitted as specified
 - Platforms located and windlocks on
 - Guardrails in place
 - Toeboards located
- Refer to this checklist before using each time.



Product Range

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|--|---|
| <input type="checkbox"/> BOSS GRP Towers | <input type="checkbox"/> Hoarding Panels |
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| <input type="checkbox"/> CUPLOK Scaffold System in use with Safety Harnesses | <input type="checkbox"/> Rollaroad Temporary Roadway |
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| <input type="checkbox"/> ENVIROWRAP Shrink Cladding System | <input type="checkbox"/> ROOFGUARD Edge Protection System - Temporary |
| <input type="checkbox"/> EXTRAGUARD Edge Protection System | <input type="checkbox"/> Scaffold Tube, Fittings and Ladder Beams |
| <input type="checkbox"/> Fencing and Barriers | <input type="checkbox"/> Scaffolding Anchors and Ties |
| <input type="checkbox"/> GASS Shoring System | <input type="checkbox"/> Spandek, Stagings and Superboards |
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For further information about this product or any other products and services, please contact :

Youngman Group Ltd
The Causeway, Maldon,
Essex, CM9 4LJ,
United Kingdom

t +44 (0)1621 745900
f +44 (0)1621 859845
e sales@youngmangroup.com

youngmangroup.com