

FINISHING OFF

To dismantle the tower, **start at the top and work down, reversing the erection procedure.**

Work through the steps in strict sequence.

Organise the team so only one person is removing components.

Use temporary platforms, in much the same way as when building the tower, to ensure you always have a firm footing and a reliable handhold. Most important of all, never stand on unbraced frames.

If components jam, persevere. Wiggle and pull them until they come free. Don't damage the components by using a hammer or otherwise forcing the joints apart.

Always lower components to the ground on a rope when dismantling the tower. Never simply drop them as damage or serious personal injury may occur.

EQUIPMENT CARE

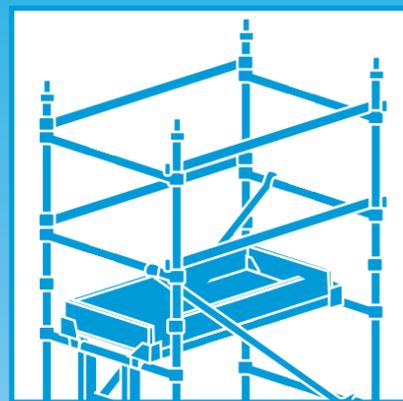
Never use the tower for anything other than its intended purpose – as a light-duty work platform. If it will not fulfil your requirements, contact your local HSS Hire Shop for advice.

Keep the tower clean, paying special attention to the decks. You will find this easier if you clean up regularly.

When not in use, **store everything somewhere clean, dry and safe** from thieves.

Operating & Safety Guide 506

HSS Hire Shops



Boss Alloy Access Towers Lift Shaft Tower 1.3 x 0.85 m & Stairwell Tower 1.8 x 0.85m

Providing the ideal platform for light work.



Code 80000/80008



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TOWER SAFETY

To complete the tower, simply construct a platform three rungs down from the very top (see box).

and one if using a 2-rung frame.

clips and diagonal braces – three if using a 4-rung frame

STEP 4... Add the final lift, securing it as shown with interlock

and a pair of diagonal braces, as shown.

Secure them to the base frames with interlock clips

the tower is one lift short of the required height.

platform (see box) at the top of every other lift, until

STEP 3... Add further 4-rung lifts (see step 3) incorporating a

2-rung span frame on the upper stair, allowing the

correct distance between the frames for the

platform to fit. Link these frames with two

horizontal and two diagonal braces as shown to

form the tower base – easiest if you start by clipping the

first horizontal brace to the frame uprights.

Now adjust the feet to leave the tower absolutely

level – check this using a builder's level on the uprights

and horizontal braces.

STEP 2... Place the ladder frame on the lower stair and the

2-rung span frame on the upper stair, allowing the

correct distance between the frames for the

platform to fit. Link these frames with two

horizontal and two diagonal braces as shown to

form the tower base – easiest if you start by clipping the

first horizontal brace to the frame uprights.

Now adjust the feet to leave the tower absolutely

level – check this using a builder's level on the uprights

and horizontal braces.

STEP 5... Never overload the tower. The work platforms

maximum load is 150kg on a deck. The MAXIMUM

SAFE WORKING LOAD for the tower structure

is 950kg.

Never lean anything against the tower.

Never use it for jobs that exert repetitive or

excessive force. Lateral forces over 198N – equivalent

to a 20kg weight – make it unstable.

Never use boxes, steps etc to gain extra height

and never reach too far out to one side.

If the tower is to be used at another location DO

NOT attempt to move it until it has been

dismantled. Because the entire structure must be

carefully aligned always dismantle it and rebuild in

the new location.

required height.

point, until the tower is one lift short of the

lift, and tying in the tower to a suitable anchorage

a platform (see box) at the top of every other

STEP 4... Add further 4-rung lifts (see Step 3) incorporating

Secure them to the base frames with interlock clips

and a pair of diagonal braces, as shown.

frame to produce a continuous ladder

frames to form the second lift, positioning the ladder

STEP 3... Add the next pair of 4-rung span and ladder

and horizontal braces.

level – check this using a builder's level on the uprights

Now adjust the feet to leave the tower absolutely

the frame uprights.

easiest if you start by clipping the first horizontal brace to

diagonal braces as shown to form the tower base –

STEP 2... Link these frames with two horizontal and two

ladder frame.

Having unlocked the interlock clips on all frames, fit

STEP 1... LIFT SHAFT TOWER...

Always work from temporary platforms

Building Safely

decks and braces form the permanent top platform.

move them up with you, leapfrog fashion, as the

platforms. Set them roughly half-way up a lift and

clamped to each side of the tower, 1 m above it.

comprising a single deck with a horizontal brace

Make sure too, that you have everything you need

to hand, ticking off the components against the table

and refer to diagrams for construction (overleaf).

components.

understands these instructions and is familiar with the

helpers to pass up components. Make sure everyone

workers – an assembler backed up by one or more

Erecting a tower requires a team of able-bodied

any health and safety law (blocking a fire exit for

example) before proceeding.

Information on COSHH regulations is available from your

local HSS Hire Shop.

GETTING STARTED

anchorage point every 2m.

stabilisers, it MUST be tied in to a suitable

exceed 6.2m. As the tower cannot be used with

STAIRWELL TOWER...

every 4m.

must be tied in to a suitable anchorage point

Towers with a Platform Height of 4.5m and above

subsidence.

on slopes or soft ground or where there is a risk of

Keep the tower on firm, level ground, DO NOT use

This tower MUST ONLY be used indoors.

person using the tower.

precautions have been taken to safeguard any

is the Hire's responsibility to ensure all necessary

THE LIFT SHAFT TOWER...

before use – and check regularly thereafter.

Always ensure the tower is correctly built and level

Return them to your local HSS Hire Shop.

signs of damage or excessive wear, do not use them.

use – and at regular intervals thereafter. If any show

Always check the condition of components before

HSS Lift & Shift.

knots, or using specialist lifting equipment available from

firmly with both hands.

feet in the middle of the rungs and gripping ladder sides

Always climb the inside of the tower, keeping your

necessary.

frames. During erection, climb span rungs only if

Never suspend the tower from another structure.

and jewellery that could get in your way.

a hard hat. Tie back long hair and avoid loose garments

good grip, plus workgloves and

Wear sensible, protective

these instructions.

competent person who has read and understood

This equipment should only be used by a

vertigo.

Never work on the tower if you suffer from

tired, or under the influence of alcohol or drugs.

Never use this equipment if you are ill, feeling

the work area.

Keep children, animals and bystanders away from

equipment contact your local HSS Hire Shop.

For advice on the safety and suitability of this

GENERAL SAFETY



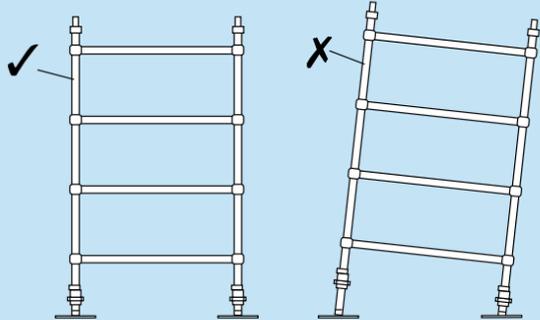
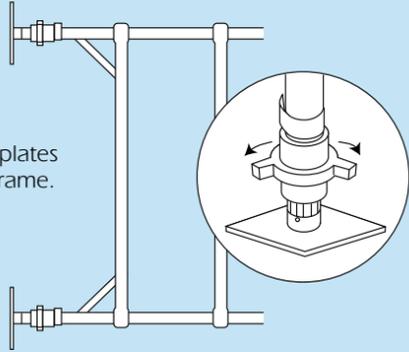
Constructor's & User's Checklist

Before using the tower, always double-check that...

Component's condition checked	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Legs correctly adjusted	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tower uprights vertical	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
All braces fitted and locked	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Handrails fitted and locked	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Platforms fitted, locked and level	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Toeboards fitted	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

STEP 1...

...fit the base plates and legs to the frame.



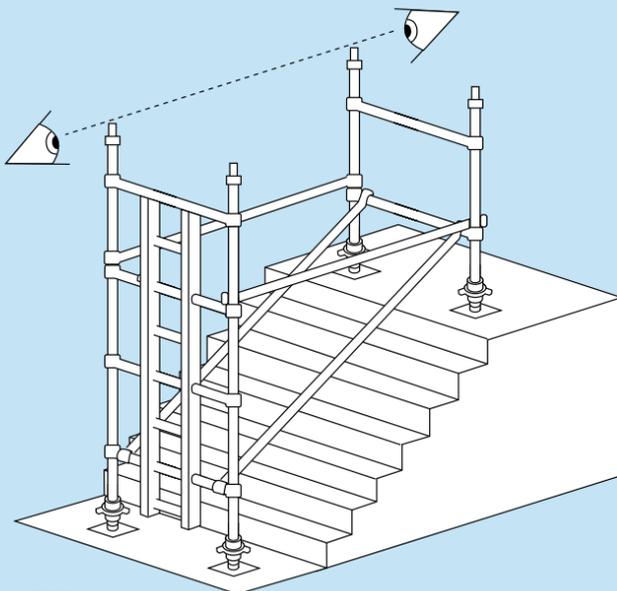
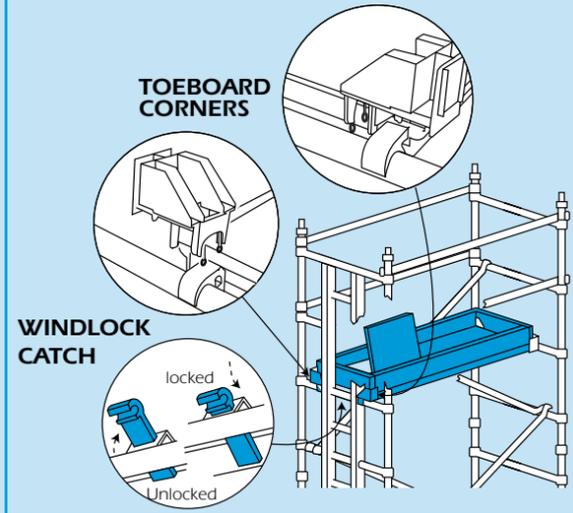
BOSS STAIRWELL TOWER 0.85x1.8m Components

PLATFORM HEIGHT	2.2m	3.2m	4.2	5.2	6.2
1.8m Side Toeboard	2	2	2	4	4
0.6m End Toeboard	2	2	2	4	4
Toeboard Holder	4	4	4	8	8
1.8m Trapdoor Deck	1	1	1	2	2
1.8m Horizontal Brace	6	6	6	10	10
2.1m Diagonal Brace	3	5	7	9	11
0.85m 2-Rung Span Frame	3	1	3	1	3
0.85m 4-Rung Span Frame	0	1	1	2	2
0.85m 4-Rung Ladder Frame	1	2	2	3	3
Base Plate	4	4	4	4	4
Adjustable Leg	4	4	4	4	4

Platforms

To construct a platform, hook a trapdoor over the frame rungs, ensuring the trapdoor opens over the ladder towards the outside of the tower, and engage the windlock catches. That done, clip two horizontal braces per side to the frame uprights just above the frame rungs to form a safety rail.

To complete the deck, fit toeboards all round. Snap 2 of the plastic holders over the corner deck claws, on one side. Then snap the second pair onto the horizontal rail along side the claws on the other side. Now drop the toeboards into the appropriate slots.

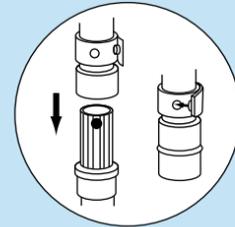


STEP 2...

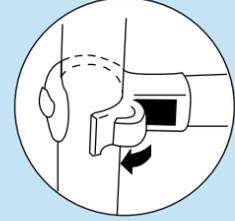
...erect the tower base ensuring the feet are adjusted to leave the tower level.

Clips & Claws

Components are linked using three kinds of fitting...

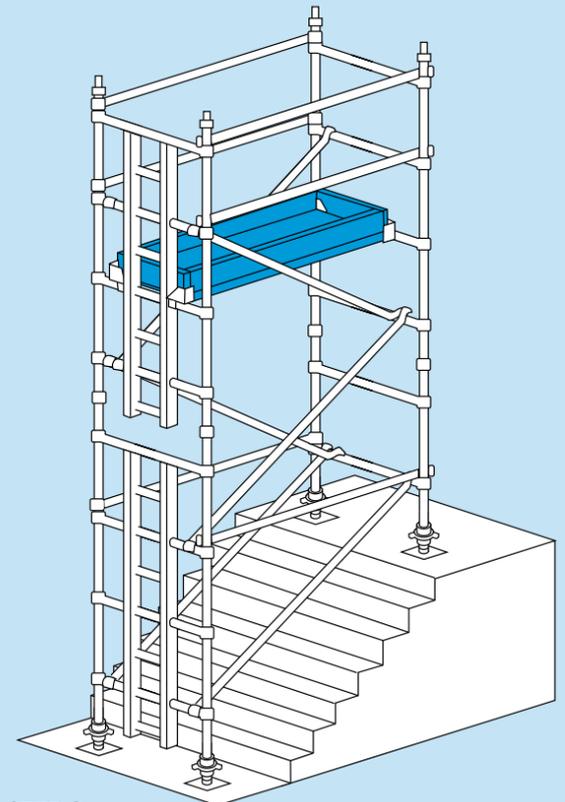


INTERLOCK CLIPS join frame uprights. Unlock those on the frame to be added, fit its sockets over the spigots of the lower frame and re-lock the clips.



LOCKING CLAWS join braces to frames. Pull back the trigger to open the jaws, then snap the claw onto the rail or upright, ensuring the open side faces down or out. The jaws should lock automatically.

Whichever fitting you are using, though, always double-check that it is locked and secure before continuing.



STEP 3...

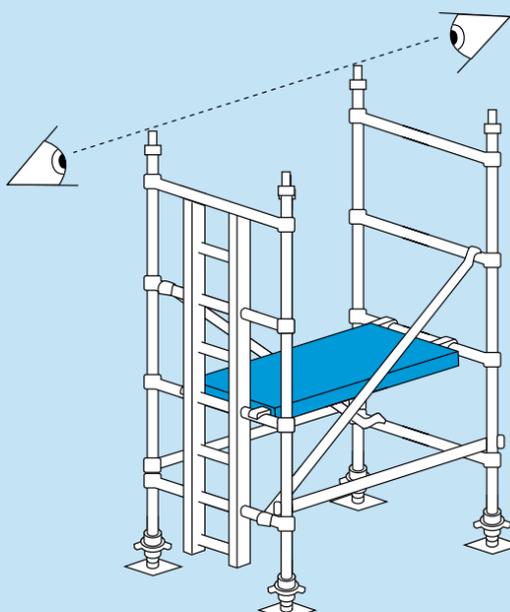
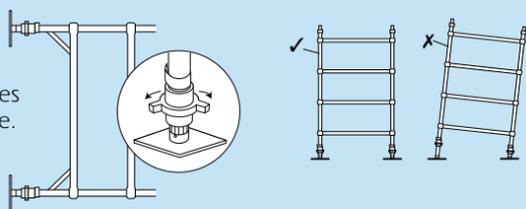
...continue building up the tower, adding a permanent platform on top of every other lift. Complete the tower by adding the final 2-or-4 rung frames and top off with the main working platform.

BOSS LIFT SHAFT TOWER 0.85 x 1.3m Components

PLATFORM HEIGHT	2.2m	3.2m	4.2m	5.2m	6.2m	7.2m	8.2m	9.2m	10.2m
1.3m Side Toeboard	2	2	2	4	4	4	4	6	6
0.6m End Toeboard	2	2	2	4	4	4	4	6	6
Toeboard Holder	4	4	4	8	8	8	8	12	12
1.3m Trapdoor Deck	1	1	1	2	2	2	2	3	3
1.3m Horizontal Brace	6	6	6	10	10	10	10	14	14
2.6m Diagonal Brace	3	5	7	9	11	13	15	17	19
0.85m 2-Rung Span Frame	2	0	2	0	2	0	2	0	2
0.85m 4-Rung Span Frame	1	2	2	3	3	4	4	5	5
0.85m 4-Rung Ladder Frame	1	2	2	3	3	4	4	5	5
Base Plate	4	4	4	4	4	4	4	4	4
Adjustable Leg	4	4	4	4	4	4	4	4	4

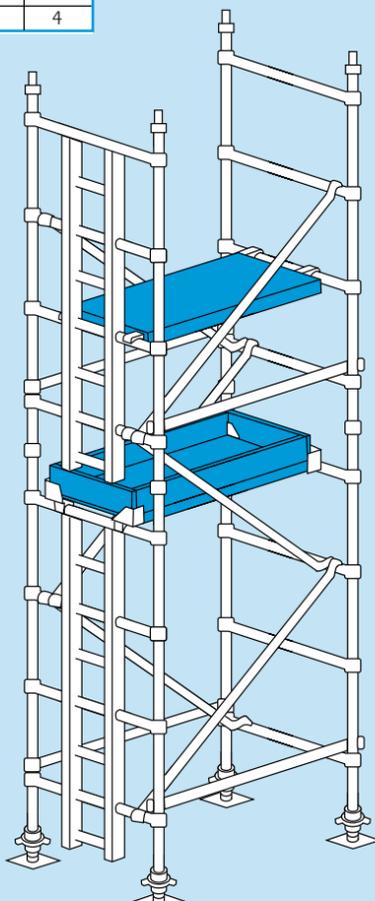
STEP 1...

...fit the base plates and legs to the frame.



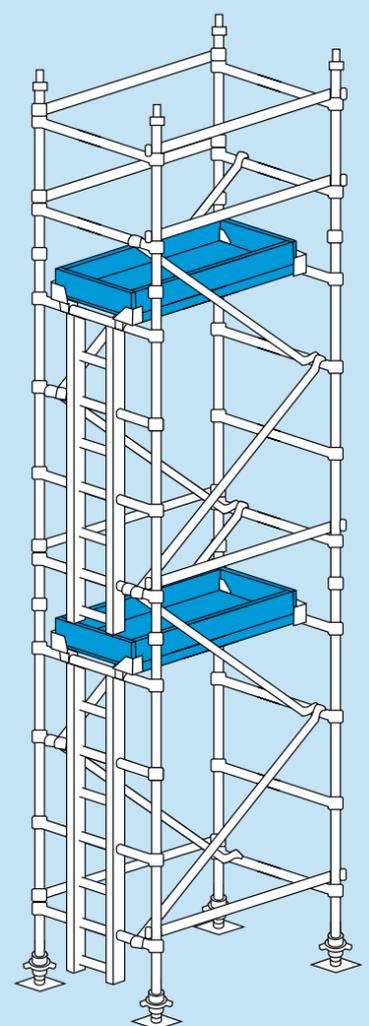
STEP 2...

...erect the tower base, then level the tower. Working from a temporary platform add the second lift.



STEP 3-4...

...add the next pair of 4-rung span and ladder frames to form the second lift, positioning the ladder frame to produce a continuous ladder.



STEP 5...

...continue building up the tower, adding a permanent platform on top of every other lift. Complete the tower by adding the final 2-or-4 rung frames and top off with the main working platform.