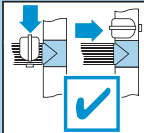
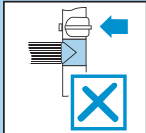
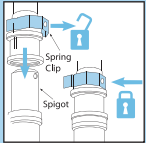
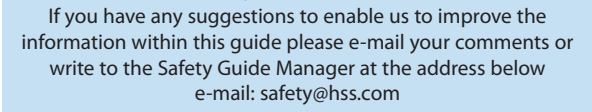


SAFETY CHECKLIST

ENSURE ALL BRACE CLAWS OPERATE CORRECTLY	<input type="checkbox"/>
INSPECT COMPONENTS PRIOR TO ERECTION	<input type="checkbox"/>
INSPECT TOWER PRIOR TO USE AND AFTER MOVEMENT	<input type="checkbox"/>
TOWER UPRIGHT AND LEVEL	<input type="checkbox"/>
CASTORS LOCKED AND LEGS CORRECTLY ADJUSTED	<input type="checkbox"/>
DIAGONAL BRACES FITTED	<input type="checkbox"/>
STABILISERS FITTED AS SPECIFIED	<input type="checkbox"/>
PLATFORMS LOCATED CORRECTLY	<input type="checkbox"/>
TOEBOARDS LOCATED	<input type="checkbox"/>
CHECK GUARDRAIL BRACES ARE FITTED CORRECTLY	<input type="checkbox"/>
<div><div></div><div></div></div>	
(SEE ILLUSTRATION BELOW)	<input type="checkbox"/>
CHECK FRAME INTERLOCK CLIPS ARE LOCKED	<input type="checkbox"/>
<div></div>	
(SEE ILLUSTRATION BELOW)	<input type="checkbox"/>
ENSURE HORIZONTAL BRACES AND GUARDRAILS ARE FITTED CORRECTLY	<input type="checkbox"/>

REFER TO THIS CHECKLIST BEFORE USING EACH TIME



Web Site: <http://www.hss.com>

EQUIPMENT CARE

When not in use, store the equipment somewhere clean, dry and secure.

STORAGE AND TRANSPORT

INTRODUCTION

For further information, design advice, additional guides or any other help with this product, please contact HSS Hire.

GENERAL SAFETY

Diagram illustrating the components of a mobile work platform:

- 4 rung frame
- Hatch platform
- Toe board
- Guardrail brace panel
- Adjustable Leg and Castor
- Telescopic stabiliser

GETTING STARTED

The tower requires only one person to assemble and dismantle it. The unit is supplied with uniform 1m high 4 rung frames which can be used at any stage of the

assembly. During erection, the frames may be connected together to create 2m high frames which makes assembly both quicker and easier.

THROUGH THE TRAPDOOR SYSTEM (3T)

The 3T method of construction has been developed to reduce the risk of an erector falling from a tower during construction. The erector must sit on the platform with legs through the hatch and feet on the frame rungs when attaching guardrail brace panels above the platform. This ensures the erector is always protected be a set of guardrail brace panels.

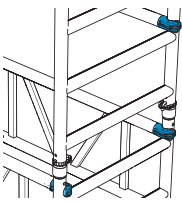
PREPARATION

The floor area must be clear of any obstructions including materials and debris. Check that you have all components necessary to construct the tower height you require. Check also each component for condition and correct function. If any part is missing or damaged / not working correctly the tower should not be erected. In this case return unit to HSS Hire.

You should consider tying in the tower to add stability, but this may only be carried out by a suitable trained person. Ballast must be used to stabilise against overturning. Only use solid material as ballast (i.e. block of concrete) and position to avoid overloading individual components. Ballast should be supported by the base of the tower and securely fastened to prevent removal.

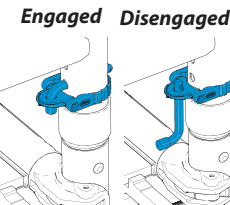
COMPONENTS

Guardrail Brace Panel



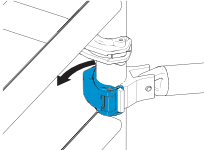
Claws are fitted to the guardrail brace panels and each has an automatic locking jaw which is released by simply moving the jaw's trigger. The claw must only be attached to the frame with the opening facing outward. Attachment with the jaw's opening facing inward will not fully protect the user if lent upon and may cause serious injury or death. Always ensure that each claw is positively locked in position before using the tower.

Frame Clips



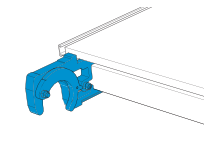
The frame clip's pin locates into a retaining hole in the frames to lock tower sections together when place one on top of the other. The pin is locked in place by a red tab to ensure that it remains in place. From the disengaged position, pivot the pin / tab to bring the pin horizontal. Insert the pin fully through the retaining hole with its tail pointing down. Next flip the tab vertically to lock the pin in place. Removal is simply a reversal of the fitting sequence.

Stabiliser Coupler Clamp



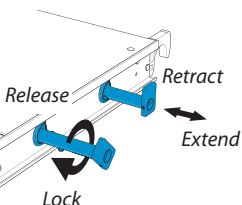
The coupler clamps are used to secure the stabilisers to the tower's vertical tubing. With the clamp jaw open, offer it to the tube. Bring the jaw around the tube and set the buckle on to the hook, then close the clamp arm to lock the stabiliser in position. A similar clamp is fitted to the stabiliser extension leg.

Wind-lock Catch



The wind-lock catch is drop down jaw fitted to the side of the hatch platform's mounting hook and prevents the platform from lifting in windy conditions. It is attached to the horizontal tube of the frame. To disengage, simply lift and hold the jaw as you rise the platform clear.

Platform with built in Component Hangers



To enable one man to erect the tower, each hatch platform is fitted with four component hangers which are stowed (two either side) within the platform's frame. The hangers can be extended when needed and retracted when not. To extend and lock a hanger, take a hold of the hanger stop end and pull from the frame. Once the stop rivet is clear of the slot, turn the hanger 45 degrees anticlockwise then gently slide back in until it stops. To retract the hunger, simply reverse the procedure.

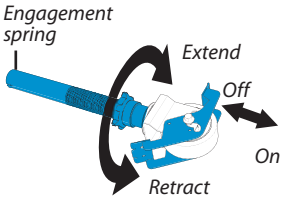
DANGER

Do not exceed maximum weight of 20kg per hanger.

WARNING

The hangers are intended for hanging of components during the erection of the tower. Do not use the hangers other than to their intended purpose.

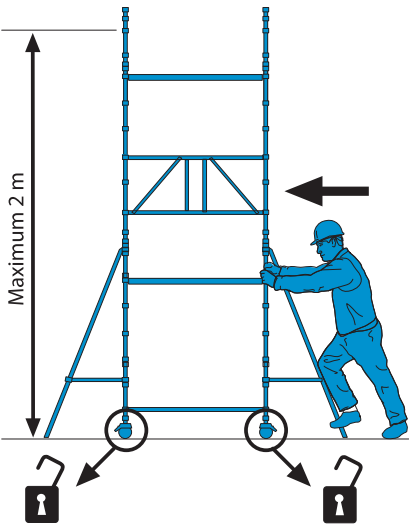
Adjust Leg and Castor



The adjustable leg and castor allows for accurate positioning of your tower in relation to your workplace. The legs can be extended or retracted to allow for levelling and the brake must be applied to prevent movement.

MOVING TOWER

When the tower needs to be moved a small distance to enable you to continue your task, this can be achieved provided the stabilisers can remain in pattern and all tools, materials and personnel are removed from the tower. You will need to rise the stabilisers so that they are no more than 25mm above the floor and properly locked. However if the stabilisers need to be positioned and this reduces the footprint, the tower must be reduced in height to 2m. You must only move the tower by manual effort at the base at a slow pace and only after fully assessing the risk. Once moved, always check the tower before using. If the unit is to be moved to new location, a new level or over the rough terrain, it must be fully dismantled and rebuild at the new location.



QUANTITY SCHEDULE

4 rung Frame	10
Telescopic outrigger	4
Hatch platform	2
Guardrail brace panel	7
220mm adjustable leg	4
125mm locking castor	4
Toe board set	1
Tower weight	109 kg
Platform safe working load	150 kg

ASSEMBLY

THIS TYPE OF STRUCTURE MUST BE ERECTED BY OPERATIVES WITH A PASMA CERTIFICATE & PRODUCT SPECIFIC TRAINING

NEVER STAND OR WORK ON AN UNPROTECTED PLATFORM

DO NOT EXCEED THE SAFE WORKING LOAD OF 150KG ON THE BEAM UNIT PLATFORM

1

Fully insert the adjustable legs with castors into 2 frames, turning the leg's height adjustment collar to bring each leg 25mm from the lowest position.

2

Attach a guardrail brace panel to the vertical tube of one frame with the upper claw positioned above the fourth rung and with all claws facing outward. Make sure the claws are correctly locked on the frame tube. Now attach the second frame to the guardrail brace panel to create the base frame assembly. Lock all four castors and using a spirit level as a guide, adjust each leg to bring the base square and level.

3

Construct 2 sets of conjoined frames, these will give you two 2m sections and will speed up the erection process. Release the frame clips on one four rung frame and fit it on to a second four rung frame. Apply the frame clips and ensure they are correctly locked. Repeat this with the second set. Fit one set of conjoined frame and apply the frame clips. Repeat this with the second set.

4

Next attach one guardrail brace panel with its lower jaw position above the sixth frame rung. It must be fitted on the opposite side to the first guardrail brace panel to ensure stability. Ensure all claws are facing outward and correctly locked on the frame tube.

5

Stand inside the tower and fit the platform on the eighth rung, making sure that the wind-lock catches engage

6

Fit a stabiliser to each corner of the tower. Position the lower horizontal stabiliser coupler clamp just above the frame's second rung, then secure the top stabiliser coupler clamp just above the frame's fifth rung. Adjust the stabilisers so that you create as square a footprint as possible. Adjust each stabiliser's length so that they are in contact with the ground. Make sure all coupler clamps are correctly secured. Extend and lock the four component hangers located on either side of the platform

7

Place three guardrail brace panels on to one set of hangers and a pair of eight rung conjoined frames to the other side. Enter the tower framework and climb the frame rungs until you are half way through the platform trap door. Now manoeuvre yourself so that you are sitting on the platform, with your legs through the trap door and your feet on the frame rungs. From this position, you should take a guardrail brace panel, one at a time, and attach so that the upper jaws are positioned above the twelfth rung. With both panels in position, you may access the platform.

8

Fit one set of conjoined frames to each end of the tower and apply the frame clips. Next, attach the guardrail brace panel with its lower jaw positioned above the fourteenth frame rung. Ensure all claws are facing outward and correctly locked on to the frame tube. Descend the tower and from the ground place two guardrail brace panels onto the hangers on one side of the platform then a set of toe boards and a platform on the other side.

9

Access the tower then carefully fit the second platform on the sixteenth rung, making sure that the wind-lock catches engage. Extend and lock the four component hangers located on either side of the platform. Transfer the two guardrail brace panels and the set of toe boards to the component hangers on the second platform

10

Position yourself so that you are half way through the second platform's trap door. Now manoeuvre yourself so that you are sitting on the platform, with your legs through the trap door and your feet on the frame rungs. From this position, you should take each of the guardrail brace panels, one at a time, and attach so that the upper jaws are positioned above the twentieth rung.

11

With both panels in position, you may access the platform. Unfold the toe board set and position so that they sit on the outer edge of the platform. Finally, retract all hangers and the tower is now complete and ready to use.

Any platform fitted to the tower at any stage may be used as a work platform, provided toe boards and guardrail brace panels are fitted.

SAFETY WARNING

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

STABILISERS POSITIONING

Stabilisers are supplied and must be used in any heights. For maximum effect arrange the stabilisers by positioning at an angle of 45 degrees to give a footprint as close to square as possible.

If the tower is to be positioned agains a wall, the stabiliser footprint can be altered (see figure), but only when the height of the wall is a minimum of two third of the height of the top working platform.

Ensure that all four stabilisers' feet are in contact with the ground and that the ground can support the weight of the tower and stabilisers.



DISMANTLING

The tower is easily dismantled by simply reversing the erection procedure. Make sure that the component hangers are evenly loaded to ensure the tower remains balanced. You must, however, be protected by guardrail brace panels when standing on any platform and ensure that you use the 3T method when removing guardrail brace panels.