

# ASSEMBLY & OPERATING MANUAL FOR THE ALTO ROOM SCAFFOLD



## Components:

Description	Code	Kg.
Folding frame 1.6m/2.4m	3069/3076	12.4/17.4
125mm castor	2239	3
Trap platform 1.6m/2.4m	3021/3022	12.6/17.6
Horizontal brace/ guardrail 1.6m/2.4m	3015/3017	1.8/2.6
Extension frame 1 rung	3058	1.2
Extension frame 2 rung	3057	2
Extension frame 3 rung	3054	3
Extension frame 4 rung	3053	3.8
Compact stabiliser	3516	4
<i>Optional extras:</i>		
Adj legs	3520	1.5
Folding toe board 1.6m/2.4m	3036/3037	9/11.8

### IMPORTANT:

This unit should only be assembled by a competent person. Ensure that all necessary components have been supplied (see component table over) and are in good condition



1. If not already installed, insert castors into the bottom of the folding frame where they will be restrained by a friction lock. If adjustable legs are used insert the castor into the leg then the leg into the bottom of the frame ensuring that the spring-loaded pin engages in the hole provided in the frame.



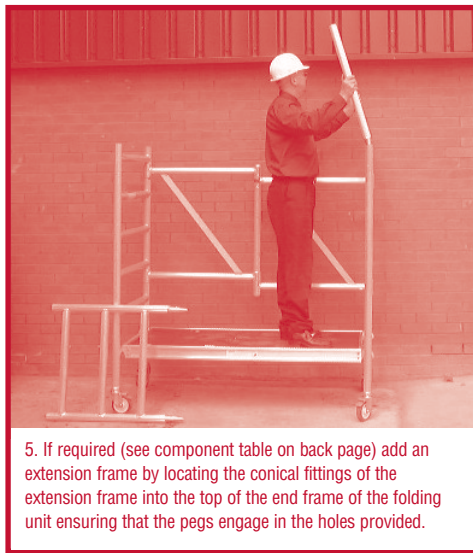
2. Stand the unit upright and push the two end frames apart so that the hinged bracing member is fully extended and the frame forms three sides of a rectangle when viewed from above. The locating holes at the top of the frames should be facing inwards.



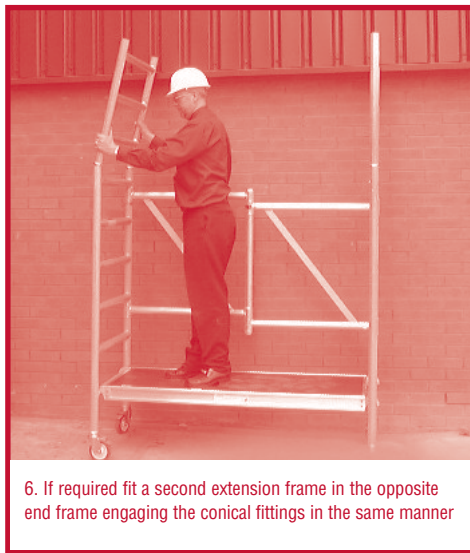
3. Apply the brakes by pressing the brake bar downwards



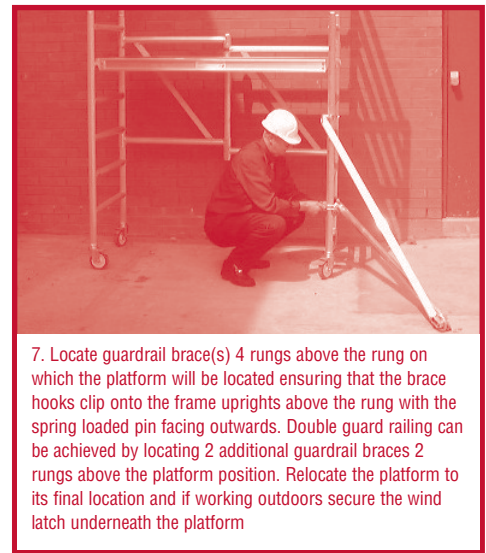
4. Locate the trap platform onto the lowest rungs of the two end frames. Ensure unit is level by placing on level ground or is leveled using adj legs (if fitted) and a spirit level.



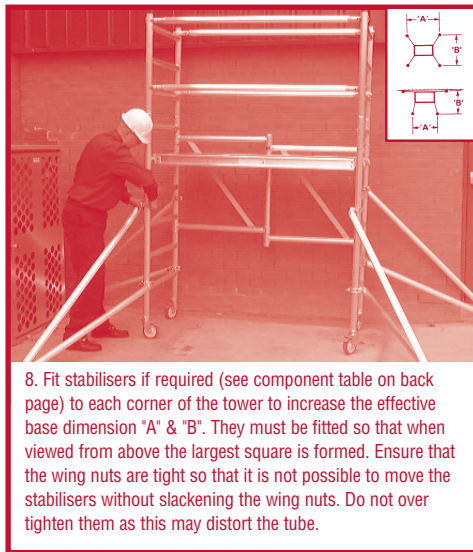
5. If required (see component table on back page) add an extension frame by locating the conical fittings of the extension frame into the top of the end frame of the folding unit ensuring that the pegs engage in the holes provided.



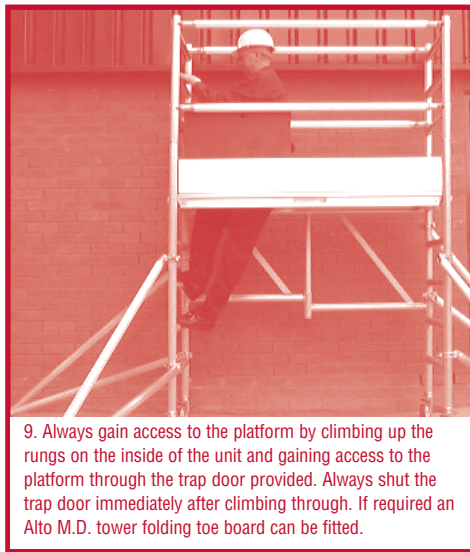
6. If required fit a second extension frame in the opposite end frame engaging the conical fittings in the same manner



7. Locate guardrail brace(s) 4 rungs above the rung on which the platform will be located ensuring that the brace hooks clip onto the frame uprights above the rung with the spring loaded pin facing outwards. Double guard railing can be achieved by locating 2 additional guardrail braces 2 rungs above the platform position. Relocate the platform to its final location and if working outdoors secure the wind latch underneath the platform



8. Fit stabilisers if required (see component table on back page) to each corner of the tower to increase the effective base dimension "A" & "B". They must be fitted so that when viewed from above the largest square is formed. Ensure that the wing nuts are tight so that it is not possible to move the stabilisers without slackening the wing nuts. Do not over tighten them as this may distort the tube.



9. Always gain access to the platform by climbing up the rungs on the inside of the unit and gaining access to the platform through the trap door provided. Always shut the trap door immediately after climbing through. If required an Alto M.D. tower folding toe board can be fitted.

### SPECIFICATIONS

<b>Overall height of folding frame</b>	1.78m
<b>Overall width</b>	0.74m (2'6")
<b>Overall length in use</b>	1.7m (5'8")/2.5m(8'4")
<b>Length folded</b>	280mm (11 1/4")
<b>Platform area</b>	1.6m x 600mm or 2.4m x 600mm
<b>Platform loading</b>	2kn/m <sup>2</sup> which is 186kg evenly distributed on a 1.6m platform and 282kg on a 2.4m platform

### COMPONENT TABLE

Component	Platform height 1.6/2.4m	Code	410mm	660mm	910mm	1.16m	1.41m	1.66m
Folding frame 1.6m/2.4m		3069/3076	1	1	1	1	1	1
125mm castor		2239	4	4	4	4	4	4
Trap platform 1.6/2.4m		3021/3022	1	1	1	1	1	1
Horizontal brace/guardrail 1.6m		3015/3016	2	2	3	3	4	4
1 rung extension frame		3058			2			
2 rung extension frame		3057				2		
3 rung extension frame		3054					2	
4 rung extension frame		3053						2
Compact stabiliser		3516				4	4	4
Total weight of unit kg. 1.6m/2.4m			40.6/52.2	40.6/52.2	44.8/57.2	62.4/74.8	66.2/79.4	67.8/81
Optional extras:								
Adj legs (compact) 4 off (1.5kg each)		3520						
Folding toe board 1.6m/2.4m (9/11.8kg)		3036/3037						

### Safety Notes

1. Before assembly check that ground is level and unobstructed and is suitable for the purpose. Also ensure the area is clear of overhead obstructions, particularly power cables
2. Check that the brakes are applied and the tower is stable before use
3. Do not ride on the tower or attempt to move a loaded tower
4. Always mount a tower using the inside of the frame as a ladder and using the trap door
5. Do not overload the tower. Maximum platform load is 2kn/m<sup>2</sup> which gives 186 kg on a 1.6m platform and 282kg on a 2.4m platform.
6. Towers must be moved by pushing at shoulder level only. Beware of soft or uneven ground, drains or potholes.
7. Never remove components from a tower whilst it is in use
8. Do not use damaged components
9. Do not lean ladders, steps or other objects against the tower

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