

INSTRUCTIONS FOR BUILDING BASIC 1/2m STAIRWELL TOWER



INSTRUCTIONS FOR BUILDING BASIC 1.5/2.5m STAIRWELL TOWER

Follow steps 1-4 of the basic stairwell assembly instructions opposite

(see safety notes)



NOTE: Arrangement shown in fig. D is considered to be a friction device and should not exceed ½ the total number of scaffold ties in any area. When friction devices are used the connection to the scaffold must be made onto both vertical uprights. Ties should be at no more than 4m intervals.

INSTRUCTIONS FOR BUILDING STAIRWELL TOWERS 2m/3m IN HEIGHT AND ABOVE

To build towers higher than 2m/3ms follow the same procedures as above using 3 rung and 3 rung ladder frames to gain height and then top off using frames as shown in the schematic diagrams overleaf. However please note the following: Always work from a guardrailed platform while building. When building, fit a trap platform above you and, working through the trapdoor of this platform, install guardrails at 0.5m and 1.0m above platforms. It may be necessary to relocate platforms during assembly to achieve this.



COMPONENT SCHEDULE

ALTO STAIRWELL TOWERS WITH PLATFORM HEIGHTS FROM 1m/2m TO 5m/6m CONFORMING TO HD1004 WHERE RELEVANT

INTERNAL USE ONLY

PLATFORM HEIGHT			1.0/2.0m	1.5/2.5m	2.0/3.0m	2.5/3.5m	3.0/4.0m	3.5/4.5m	4.0/5.0m	4.5/5.5m	5.0/6.0
DESCRIPTION	CODE	WEIGHT Kg									
Frame Foot Assembly	3089	3.8	2	2	2	2	2	2	2	2	2
Walk Through Frame	3090	4.7	2	2	2	2	2	2	2	2	2
3 Rung Main Frame	3092	4.1	1	1	1	2	2	2	3	3	3
3 Rung Ladder Frame	3093	6.2	0	0	1	1	1	2	2	2	3
2 Rung Guard Rail Frame	3095	2.4	0	1	1	0	1	1	0	1	1
1 Rung Guard Rail Frame	3094	1.6	1	1	0	1	1	0	1	1	0
Clip in Ladder	3091	3.5	1	1	1	1	1	1	1	1	1
Trap Platform	3086	9.8	1	1	1	2	2	2	2	2	3
Horizontal Brace	3510	1.5	2	2	4	6	8	8	8	8	12
Diagonal Brace	3512	1.8	2	3	4	4	5	5	6	6	7
Guardrail Brace Frame	3096	3.4	2	2	2	2	2	2	2	2	2
Stabilisers	3516	3.9	0	4	4	4	4	4	4	4	4
Toe Board Side	3087	2.0	2	2	2	2	2	2	2	2	2
Toe Board End	3088	1.5	2	2	2	2	2	2	2	2	2
TOTAL SELF WEIGHT OF TOWER KGs			56	76	86	102	109	111	119	121	143
MAXIMUM NUMBER OF WORKING L	EVELS		1	1	1	1	2	2	2	2	3

NOTES: A WORKING LEVEL ON A TOWER IS A PLATFORM WITH TOEBOARDS & DOUBLE GUARDRAILS. THE MAXIMUM LOAD ON A 600 mm WIDE PLATFORM IS 2kN/m² WHICH IS:-

130 kgs EVENLY DISTRIBUTED ON A PLATFORM. THE MAXIMUM LOAD ON A TOWER (INCLUDING THE SELF WEIGHT OF THE TOWER) SHOULD NOT EXCEED 750kgs (3/4 TONNE). THE MAXIMUM HORIZONTAL FORCE WHEN USING HAND TOOLS ETC. SHOULD NOT EXCEED 30 kgs & STABILISERS MUST BE FITTED

THE ABOVE SCHEDULE INCLUDES FOR: () 1 WORKING LEVEL WITH DOUBLE TOEBOARDS & DOUBLE HANDRAILS AT 0.5m. (i) A SINGLE TRAP PLATFORM & HANDRAILS AT 0.5m INSIDE & OUT AS REST PLATFORMS EVERY 2 m.

TO CONVERT A REST PLATFORM TO A WORKING LEVEL: ADD 1 - TOEBOARD SET

ALTO STAIRWELL TOWER BRACE GUIDE								
BRACE TYPE	CODE	COLOUR I.D.	LENGTH					
Horizontal Brace Diagonal Brace	3510 3512	Red Silver	1.20 m 1.56 m					

SCHEMATIC DIAGRAM TOWERS 2/3m - 5.0/6.0m

