



EURO 232 SINGLE WIDTH 3T INSTRUCTION MANUAL



MAX SAFE WORKING LOAD FOR STRUCTURE: **750KG**
MAX SAFE WORKING LOAD FOR PLATFORM: **250KG**

GENERAL SAFETY RULES

1. Check instructions before use. Mobile access working towers may only be assembled and dismantled by persons familiar with these instructions for safe use.
2. Do not use any scaffold tower which is damaged, which has not been properly assembled, which is not firm and stable, and which has any missing or damaged parts.
3. Do not assemble a scaffold tower on unstable ground or objects such as loose bricks, boxes or blocks. Only a sound rigid footing must be used.
4. Ensure that the scaffold tower is always level and the adjustable legs are engaged. Check that you have taken all necessary precautions to prevent the tower being moved, or rolling away. Always apply all castor brakes or use base plates.
5. Ensure that all frames, braces and platforms are firmly in place and that all locking hooks are functioning correctly. Ensure that all frame locking clips are engaged. If any missing, replace them.
6. Ensure that the scaffold tower is within the maximum platform height stated, and that the stabilizers are fitted and adjusted appropriately.
7. Outdoor scaffold towers should, wherever possible, be secured to a building or other structure. It is good practice to tie in all scaffold towers of any height, especially when they are left unattended, or in exposed or windy conditions.
8. A scaffold tower must not be used in winds stronger than 7.7 meters per second. Beaufort scale 4. Be cautious if assembling or using the tower in open places, such as hangers or unclad buildings. In such circumstances the wind forces can be increased, as a result of the funnelling effect.
9. Do not use sheeted towers.
10. Do not assemble or use a scaffold tower near un-insulated, live or energised electrical machinery or circuits, or near machinery in operation.
11. If an overhead hazard exists, head protection should be worn.
12. Do not lean ladders against the tower, or climb the outside of the tower. Whatever your intended access system, it should only be used inside the tower.
13. Never climb on horizontal or diagonal braces. Do not gain access or descend from the working platform other than by the intended access system.
14. Do not work from ladders or stairways, they are a means of access only.
15. Guardrails and toeboards must be fitted to all working platforms.
16. Never jump on to or off platforms.
17. Do not exceed the safe working load of the platform or structure by accumulating debris, material or tools on platforms as these can be a significant additional load.
18. If you must move a tower, remove all materials and personnel. When moving a scaffold tower, force must always be moved from the base. The tower should only be moved manually on firm, level ground which is free from obstacles. Normal walking speed should not be exceeded during relocation. The ground over which a tower is moved should be capable of supporting the weight of the structure.
19. Should you require additional platform height, add further components. NEVER extend your adjustable legs to achieve extra height, these are for levelling only. NEVER use a ladder or other objects on the platform to achieve additional height.
20. It is not permissible to attach and use hoisting facilities on towers, unless specifically provided for by the manufacturer.
21. It is not permissible to attach bridging sections between a scaffold tower and a building. Refer to the tower manufacturer.
22. ALWAYS TAKE CARE OF ALUMINIUM SCAFFOLD TOWER EQUIPMENT. REMEMBER YOUR SAFETY DEPENDS ON THE SAFE ASSEMBLY AND USE OF THE EQUIPMENT. RESPECT IT.

MAINTENANCE RULES

1. Ensure that the scaffold tower is kept clean, especially the spigots and sockets. These should fit together with ease and be secured by an interlock clip.
2. Check frames and braces, adjustable legs and boards for paint, grit, burrs etc. Remove any foreign substance with a light wire brush. Check no slip hazards exist on the platform.
3. Where brace, ladder and platform hooks attach the frames, ensure that the frame rungs are kept clean.
4. Ensure that all locking hooks function correctly. If necessary lubricate with light oil.
5. The inside diameter of all hooks should be kept clean to ensure they fit to other components without being forced.
6. If in any doubt about the proper use and maintenance of the scaffold tower equipment, consult the manufacturer.
7. Do not misuse or abuse the scaffold tower with heavy objects, hammers etc. Do not throw components in and out of vehicles or to the ground when the tower is being dismantled. Such abuse may reduce the structural integrity of the scaffold tower.
8. Under no circumstances use a scaffold tower which damaged, has not been properly assembled, is it not rigid and which has any missing parts.

REMEMBER YOUR SAFETY DEPENDS ON
THE SAFE ASSEMBLY AND USE OF THIS
EQUIPMENT. RESPECT IT.

USE OF STABILIZERS

Stabilizers increase the EFFECTIVE BASE dimensions and improve the STABILITY of the tower.
Position the stabilizers symmetrically to obtain the MAXIMUM BASE DIMENSION.

BASE DIMENSION	MAX HEIGHT	TELESCOPIC STABILIZER
1.7M	5.5M	CLOSED
6.4M	7.3M	1ST EXTENSION POINT

Due to general tower rigidity it is recommended that the maximum platform height of a single width tower is 8.0m unless the tower is tied in.

For further information on tying in please refer to Pasma Guidance Note Tying Mobile Towers

www.pasma.co.uk

EURO 232 SINGLE WIDTH 3T KITTING LIST

232 TOWER SINGLE WIDTH (2.5m x 0.75m)

KIT LIST

PLATFORM HEIGHT (max)	WORKING HEIGHT (max)	K5CR	KALA	FKS2/4	FKS4/8	BKD2	BKH2	PKT2	Y250	TKS2/B	RTBC	Kg
1.7M	3.7M	4	4	2	2	2	6	1	4	1	4	105
2.6M	4.6M	4	4		4	4	10	2	4	1	4	142.04
3.6M	5.6M	4	4	2	4	4	10	2	4	1	4	149.42
4.5M	6.5M	4	4		6	6	10	2	4	1	4	159.68
5.5M	7.5M	4	4	2	6	6	14	3	4	1	4	193.4
6.4M	8.4M	4	4		8	8	14	3	4	1	4	203.66
7.3M	9.3M	4	4	2	8	8	18	4	4	1	4	237.38

K5CR	5" Castors
KALA	Adjustable Leg Assembly
FKS2/4	4 Rung Single Width Frame
FKS4/8	8 Rung Single Width Frame
BKD2	2.5 M Diagonal Brace
BKH2	2.5 M Horizontal Brace
PKT2	2.5 M Trapdoor Platform
Y250	Telescopic Stabilizer
TKS2/B	2.5 M SW Toeboard Kit
RTBC	Red Toeboard Clip

PLATFORM LEVEL	BASE FRAME	NEXT FRAME	Work Platform on rung*	Total no. of rungs in tower	FRAMES
1.7M	4	8	7	12	4+8
2.7M	8	8	11	16	8+8
3.6M	4	8	15	20	4+8+8
4.5M	8	8	19	24	8+8+8
5.5M	4	8	23	28	4+8+8+8
6.4M	8	8	27	32	8+8+8+8
7.3M	4	8	31	36	4+8+8+8+8
* 5 rungs required above all rest and working platforms					

ASSEMBLY AND DISMANTLING

The Assembly pictures are for illustrative purposes only; the tower set up is that of 4.50m to aid Pasma Training.

DISMANTLING PROCEDURE

DISMANTLING IS THE REVERSE OF ASSEMBLY.

DO NOT THROW EQUIPMENT DOWN

REMOVE TOEBOARDS BEFORE HANDRAILS, TOEBOARD CLIPS CAN BE FITTED TO BRACES TO AID DISMANTLING. DISCONNECT THE GUARDRAIL BRACES FROM THE FAR END AND THEN FROM A SITTING POSITION THROUGH THE TRAPDOOR REMOVE THE GUARDRAILS. DO NOT REMOVE THE GUARDRAILS WHILST STANDING ON THE PLATFORM, THIS WOULD LEAVE YOU AT RISK

BASE SET UP

YOU MUST GET YOUR BASE SET UP CORRECT IN ORDER TO ENSURE SAFE ASSEMBLY

4 RUNG FRAMES ARE TO BE USED AS BASE FRAMES ONLY*

STOCK UTILISATION

*2 x 4 RUNG FRAMES MAY BE USED IN EXCHANGE FOR ONE 8 RUNG FRAME, THESE MUST BE CLIPPED TOGETHER BEFORE USE TO MAINTAIN SAFETY DURING ASSEMBLY

PLATFORM REPOSITIONS

CORRECT PLATFORM LEVELS ENABLE SAFE WORKING LEVELS

REPOSITIONED PLATFORMS MUST BE FITTED WITH SAFE GUARDRAILS INCLUDING TOP AND MIDRAILS

BRACE POSTIONING

IF A PLATFORM IMPEDES A DIAGONAL BRACE IT IS PERMISSIBLE TO REPOSITION IT UP/DOWN ONE RUNG WITHOUT EFFECTING THE STRUCTURAL INTEGRITY OF THE TOWER

NEVER OMIT A DIAGONAL BRACE FROM THE STRUCTURE

DIAGONAL BRACING ENDS ON THE RUNG, ON OR BELOW THE WORKING PLATFORM, NO DIAGONALS RUN PAST THE WORKING PLATFORM ON ANY EURO TOWER.

EURO 232 SINGLE WIDTH 3T ASSEMBLY GUIDE



1. Insert legs and castors into each frame.
NOTE: 4 rung frames are base frames only.
See stock Utilization if more than 1 set of 4 rungs are issued with the tower.



2. Fit 2 horizontal braces to the vertical member of the frames, as low as possible, above the 1st rung and lock the castors.



3. Add 1st set of 8 rung frames and engage the interlock clips.



4. Fit 2 diagonal braces running in opposite directions on either side of the 1st rungs.



5. Fit trapdoor platform onto the 7th rung, leaving one rung clear between it and the lower braces. Level base using a spirit level as a guide by adjusting the leg nuts as required.



6. Secure stabilizers as low down as possible to increase tower stability, adjust according to the guide for larger towers or to overcome obstacles.



7. Access internally through the trapdoor and sitting on the fixed deck with your feet on the rungs below, fit the mid and top handrails to form a safe guardrail to the vertical tube above the 2nd and 4th rungs.



8. Add next set of 8 rung frames and engage the interlock clips.

EURO 232 SINGLE WIDTH 3T ASSEMBLY GUIDE



9. Fit 2 diagonal braces running in opposite directions starting from the rung in between the guardrail braces.



10. Fit next trapdoor platform 1 rung above the brace ends.



11. Access internally through the trapdoor and sitting on the fixed deck with your feet on the rungs below, fit the mid and top handrails to form a safe guardrail to the vertical tube above the 2nd and 4th rungs.



12. REPEAT STEPS 8 – 11 UNTIL REQUIRED PLATFORM LEVEL IS ACHIEVED.

13. Fit red clips and toeboards in the correct position ensuring trapdoor opens freely.



For further help, guidance or information
on this or other products please contact

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