



Available in 2 Lengths: 1.8m & 2.5m

Double Width (1.45m)

The tower comprises the minimum possible multi-purpose components, no separate ladders or guardrail frames are necessary. All frames can be used as uppers or lowers simply brace your platform on the third rung below the top of the tower and the correct guardrail height is achieved.



The Euro 500 Alegro Tower conforms and is approved to BS EN 1004

MAX SAFE WORKING LOAD FOR STRUCTURE: 750KG

MAX SAFE WORKING LOAD FOR PLATFORM: 250KG



GENERAL SAFETY RULES

Mobile access working towers may only be assembled and dismantled by persons familiar with these instructions. Do not use any scaffold tower which is damaged, which has not been properly assembled, which is not firm and stable, or which has any missing or damaged parts. 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. 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. Do not assemble or use a scaffold tower near un-insulated, live or energised electrical machinery or circuits, or near machinery in operation. 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. A scaffold tower must not be used in winds stronger than, 17 mph, 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. Do not use sheeted towers; never fit Tarpaulin, nets or other materials that may act like a sail. 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 equipment and scaffold tower. Ensure that the scaffold tower is within the maximum platform height as stated, and that the appropriate stabilizers are fitted. Do not lean ladders against the tower, use the access ladders fitted to the frames. Never climb the outside of a tower. Never climb on horizontal or diagonal braces. Do not gain access or descend from the working platform other than by the trapdoor access system. Do not work from ladders, they are a means of access and egress only.

If you must move a tower, remove all materials and personnel. When moving a scaffold tower, manual force must always be applied pushing from the base. 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. Should you require additional platform heights, add further tower equipment. 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. It is not permissible to attach and use hoisting facilities on towers, unless specifically provided for by the manufacturer. It is not permissible to attach bridging sections between a scaffold tower and a building. Refer to the tower manufacturer. Guardrails and toeboards must be fitted to the working platforms or where materials are stored. 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. Never jump on to or off platforms. If an overhead hazard exists, head protection should be worn.

MAINTENANCE RULES

Ensure that the equipment is kept clean, Check frames and braces, adjustable legs and boards for paint, grit, burrs etc. Remove any foreign substance with a light wire brush; the inside diameter of hooks should be kept clean, all hooks should fit onto rungs and uprights without the need of force, light oil can be used on brace hooks to free the clickers. All frames should have interlock clips to lock them together. All platforms should be free of trip and slip hazards and trapdoors should open and close smoothly.

If in any doubt about the proper use and maintenance of the scaffold tower equipment, consult the manufacturer.

KITTING LIST

Euro Alegro 500 1.8m & 2.5m Double Width Tower Kit List

PLATFORM HEIGHT	1.2m	1.7m	2.2m	2.7m	3.2m	3.7m	4.2m	4.7m	5.2m	5.7m	6.2m	6.7m	7.2m	7.7m	8.2m	8.7m	9.2m	9.7m	10.2m	10.7m	11.2m	11.7m	12.2m	
WORKING HEIGHT	3.2m	3.7m	4.2m	4.7m	5.2m	5.7m	6.2m	6.7m	7.2m	7.7m	8.2m	8.7m	9.2m	9.7m	10.2m	10.7m	11.2m	11.7m	12.2m	12.7m	13.2m	13.7m	14.2m	
OVERALL TOWER HEIGHT																								
PARTS LIST																								
Castor	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Adjustable Leg	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
2 Rung Plain Frame		1	1			1	1			1	1			1	1			1	1			1	1	
2 Rung Ladder Frame		1	1			1	1			1	1			1	1			1	1			1	1	
3 Rung Plain Frame		1		1		1				1		1		1		1		1		1		1		1
3 Rung Ladder Frame		1		1		1				1		1		1		1		1		1		1		1
4 Rung Plain Frame	1		1	1	2	1	2	2	3	2	3	3	4	3	4	4	5	4	5	5	6	5	6	6
4 Rung Ladder Frame	1		1	1	2	1	2	2	3	2	3	3	4	3	4	4	5	4	5	5	6	5	6	6
1.8m and 2.5m Plain Platform	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1.8m and 2.5m Trap Platform	1	1	1	1**	2	2	2	2*	2*	2*	3	3*	3*	3*	4	4*	4*	4*	5	5*	5*	5*	6	6
1.8m and 2.5m Horizontal Brace	6	6	6	6	10	10	10	10	10	10	14	14	18	14	18	18	18	18	22	22	22	22	26	26
1.8m and 2.5m Diagonal Brace	2	3	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	23
Standard Stabilizer				4	4	4	4	4	4															
Telescopic Stabilizer										4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
1.8m and 2.5m Toeboard Set	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Teal Toeboard Clip	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
TOWER WEIGHT (KGS)																Internal use only								
TOWER WEIGHT (KGS)	2m	89	97	102	125	152	161	168	174	181	196	224	231	238	246	274	280	287	296	324	330	337	346	373
	2.5m	101	110	114	137	169	178	185	192	199	208	247	254	261	270	302	309	316	325	357	364	371	380	413
Temporary Platform* temp position/move to rung				1**					1 → 5	2 → 10	3 → 11			1 → 9	2 → 10	3 → 11	1 → 9	2 → 10	3 → 11		1 → 9	2 → 10	3 → 11	
Total no. of rungs in tower		4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26

BASE SET UP

You must get your base set up correctly in order to achieve safe guardrail heights.

PLATFORM POSITIONS

Temporary platforms are used to achieve correct working heights; reposition them when dismantling.

ASSEMBLY PICTURES

The pictures are for illustrative purposes only. 2 rung base frames build the following towers: 2.2m; 4.2m (shown); 6.2m; 8.2m; 10.2m; 12.2m.

PERSONNEL REQUIRED

Euro Towers recommend a minimum of 2 people to build this tower system.

DISMANTLING NOTES:

Remove the Guardrail Braces by disengaging all 4 hooks at the end away from the trapdoor, and then from a sitting position through the trapdoor disengage the remaining hooks to remove the braces completely before descending through the trapdoor platform.

Disengage Windlock clips to remove platforms.

Do not throw equipment down, this may damage it or injure someone.

ALWAYS TAKE CARE OF ALUMINIUM SCAFFOLD TOWER EQUIPMENT. REMEMBER YOUR SAFETY DEPENDS ON THE SAFE ASSEMBLY, DISMANTLING AND USE OF THE EQUIPMENT.

RESPECT IT, GRAVITY ONLY NEEDS ONE CHANCE!

STABILIZERS

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

PLATFORM HEIGHTS	MAXIMUM HEIGHT	STABILIZER TYPE
1.2m	2.2m	NONE
2.7m	5.2m	STANDARD
5.7m	12.2m	TELESCOPIC

Stabilizers must be used for all platform heights of 2.2m and above at all times.



When moving a tower plan the route and be aware of hazards both on the ground and up above, adjust the top clamp of the stabilizers and lift the rubber foot no more than 25mm from the ground, release the braked wheels and push the tower to required position. Once in position reapply brakes, level tower and reposition all stabilizer feet to ensure firm contact with the ground.

EURO 500 DOUBLE WIDTH ASSEMBLY GUIDE



1. Insert the castors into the adjustable legs. Insert 2 legs and castors into each 2 rung frame.



2. Fit one horizontal brace on the plain side of the frames to the vertical of the frames above the 1st rung connecting the 2 frames together.



3. Fit another horizontal brace on the ladder side of the frames face down onto the 1st rung. **Note:** when standing inside the frames looking at the ladder frame, the ladder should be to the left hand side.



4. Fit the next set of frames onto the base, ladder frames run continuously up the left hand side. **Note:** see kitting page for frame



5. Add 4 diagonal braces from the 1st to 3rd and 3rd to 5th rungs as shown, level the tower using a spirit level as a guide.



6. Fit the 4 stabilizers supplied with your tower. **Note:** Always fit 4 stabilizers unless building in a corner, inner stabilizers fit parallel to a wall. See kit list for correct size required to build your tower.



7. Fit a trapdoor platform to the 4th rung, trapdoor to the ladder end. **Note:** Platforms are positioned every 4 rungs.



8. Climb the ladder inside the tower and sitting through the trapdoor fit 4 horizontal braces face down onto the 1st and 2nd rung above the platform to form your guardrails, as shown.

EURO 500 DOUBLE WIDTH ASSEMBLY GUIDE



9. Standing on the platform, add a set of 4 rung frames, ladders run in a continuous pattern.



10. Add diagonal braces continuing the pattern from the previously fitted braces.
Note: The odd diagonal brace is fitted to the side nearest the ladder. Repeat steps until working height is achieved.



11. Fit the plain platform followed by the trapdoor platform 4 rungs above the one you are standing on. **Note:** There must always be 2 rungs clear above any platform so you can fit safe guardrail braces.



12. Climb the ladder inside the tower and sitting through the trapdoor fit 4 horizontal braces face down onto the 1st and 2nd rung above the platforms to form your guardrail braces as shown.



13. Fit the toeboard clips to the rung next to the corners of the platforms and then fit the toeboards as shown.
Note: Any gap between the platform board and toeboard must not exceed 25mm.



4 rung bases set up the following towers:
1.2m; 3.2m; 5.2m; 7.2m; 9.2m; 11.2m



5 rung bases set up the following towers:
1.7m; 3.7m; 5.7m; 7.7m; 9.7m; 11.7m



7 rung bases set up the following towers:
2.7m; 4.7m; 6.7m; 8.7m; 10.7m

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

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