

Assembly/Dismantle Instructions

2700 Series Mobile Scaffold - 6'WIDE BASE

Maximum (freestanding) platform height is 5.4m

Assembly

STEP	Description
1	Carefully hold base frame and attach horizontal bar to vertical of frame above bottom horizontal, repeat on other frame.
2	Attach cross brace by fitting to lower horizontal of frame and to third horizontal to opposite frame repeat for other cross brace, opposite to the other one.
3	Attach the diagonal (plan) brace.
4	Install castors or adjustable base plate.
5	Ensure the base is level
6	Continue adding intermediate frames and cross braces as per the drawing to required height.
7	Fit hand rail frames and horizontals bars x4 and cross brace
8	Fit kickboards & ladder.

Use the trays to assist the assembly

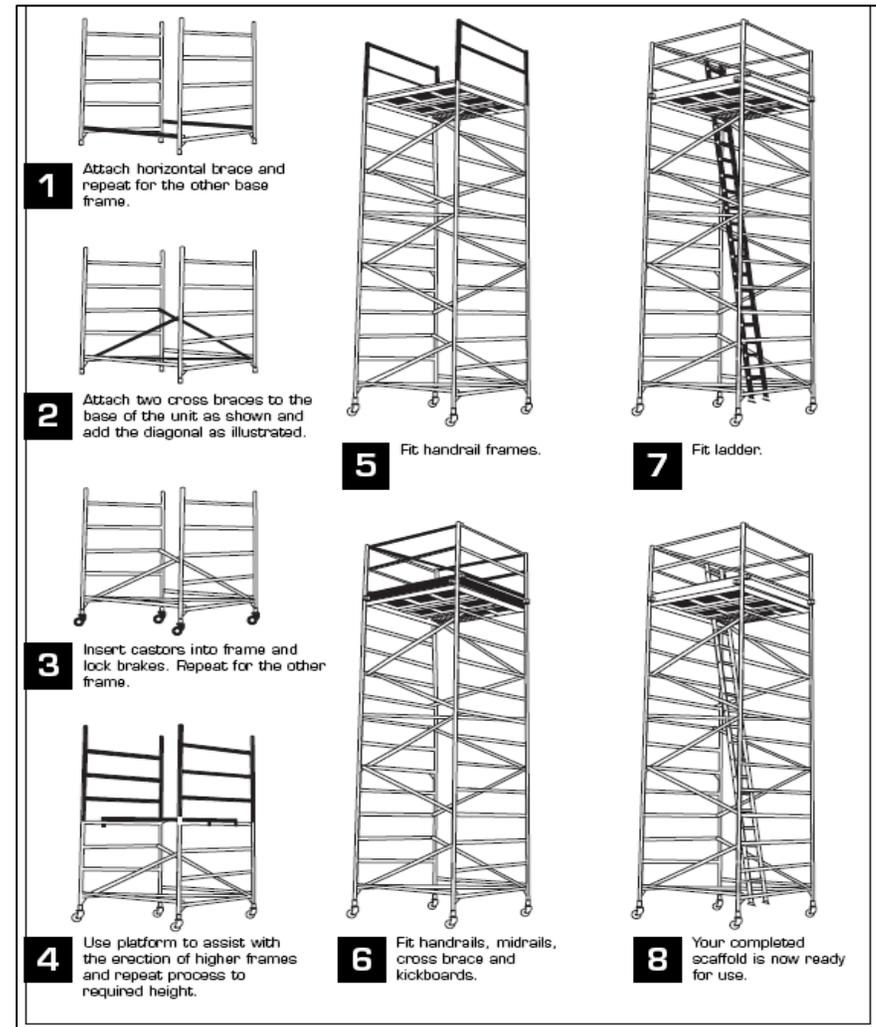
Dismantle

STEP	Description
1	Remove kickboards & ladder
2	Lower trays, remove horizontals and handrail frames & cross brace.
3	Use the trays to assist in dismantle
4	Commence removing the frames from the top
5	Continue removing frames
6	Remove remaining diagonal (plan brace), frames, horizontals and castors/base plates

Use the trays to assist the dismantle

IMPORTANT

If the fall-height from the top working platform is MORE THAN 4 METRES, anyone erecting, altering or dismantling the scaffold must hold an appropriate scaffolding certificate of competency, or be a trainee under the direct supervision of a certificate holder. The minimum nationally uniform certificate class required is BASIC SCAFFOLDING (class code SB)



For illustration purposes only

Standards:

D.L.I. V0220074 / Q21910

SWL: 450kg (Medium Duty) / Single Bay 225kg

More information overleaf

ANY SCAFFOLD THAT HAS A FALL HEIGHT OF 4.0m OR GREATER MUST BE ERECTED BY A LICENSED SCAFFOLDER

(ANY INCORRECTLY ERECTED OR DISMANTLED SCAFFOLD CAN CAUSE INJURY OR DEATH)

Recommended safe working practices (Included but not limited to the following)

1. DO NOT use the scaffold if you: tire easily, are subject to fainting or dizzy spells, are using medication, drugs or alcohol, are physically or mentally handicapped, if you are pregnant or suffer from vertigo.
2. Use correct lifting techniques when loading/unloading scaffold; bend knees, not your back
3. Industrial safety helmets complying with AS 1801 should be worn.
4. Gloves should be worn while erecting/altering/dismantling the scaffold and should be close fitting and non-slip
5. Footwear should be comfortable, provide maximum grip and give protection from pinching, jamming & crushing
6. Debris and unnecessary materials and equipment should be removed and space provided for the delivery, unloading and stacking of scaffolding equipment
7. There must be a firm supporting surface for storing equipment and erecting the scaffold
8. Isolate the work area from other site personnel
9. Make sure all users completely understand the correct procedures.
10. Keep fingers (and other body parts) clear of potential trap points eg: ends of braces, under platform hooks, trap door etc
11. Never use the scaffold for purposes which it is not meant for.
12. Only to be used on solid level/even surface.
13. Always erect the scaffold as indicated by the manufacturer. Never deviate or improvise while erecting the scaffold. Only use original delivered components to construct the scaffold.
14. For castors with adjustable legs, do not use the scaffold on surface gradients greater than 5 degrees.
15. **NEVER** use a scaffold within 5.0m (from the top of the handrail) of overhead electrical wiring nor within 4.6m horizontally., take care to look around when moving the scaffold.
16. At the commencement of each working shift and after stormy weather inspect the scaffold for any structural damage or for missing components.
17. Never Mix and Match Scaffold component Brands
18. Never modify the components in any way
19. Do not use components other than intended use.
20. **ALWAYS** lock brakes before climbing scaffold
21. Never work from an incomplete scaffold
22. **NEVER** relocate the scaffold while anyone is on it.
23. DO NOT position the scaffold closer than 1.0m to any slab edge, penetration or step-down unless a positive means to prevent it crossing the edge is in place.
24. NEVER use additional ladders/step ladders to gain additional height from the scaffold deck
25. Handrails & Midrails MUST be used at every deck level for risk of falling from scaffold
26. Always work within the handrail. **NEVER OVERREACH**
27. Do not use scaffold if damaged or if you are unsure
28. Never climb the scaffold from the outside. Always use the internal ladder
29. Do not use the scaffold in unsafe conditions such as Thunderstorms.
30. Kick boards must be fitted to prevent materials falling from scaffold.
31. Should the scaffold be over its freestanding height, the scaffold **MUST be tied in**
32. Hoisting machines may not be attached or used on the scaffold
33. For additional information on hazards refer to AS/NZS4576

Freestanding Height

*If the scaffold has a base width less than 1.2m, the height should not exceed twice the least base width.

*If the scaffold has a base width 1.2m or greater, the height should not exceed three times the least base width.

Scaffold Castor Installation Instruction

- > Carry out installation on level ground.
- > Unwind securing J bolt enough to allow scaffold tube to slide into scaffold nut.
- > Ensure scaffold tube fully enters scaffold nut and rests on shoulder at the bottom of the nut.
- > Tighten J bolt to secure scaffold tube inside scaffold nut.
- > Ensure brake is applied to castor to prevent movement during installation.
- > Rotate adjusting handle to level scaffolding.
- > Always apply brake before climbing onto scaffolding.

Maintenance:

Frames: Check frames visually for cracked welds, bends or out of square

Trays: Check for any distortion. Trays are sometimes dropped when dismantling towers. Check welds for cracks, trapdoor hinges & pad bolts. Also check condition of non-slip ply or Gridmesh and check for any loose rivets.

Castors: Check brakes and wheels for any cracks or damage.

Horizontals & Braces: Check all threads, handles & nuts. Spray thread with anti rust agent. Eg: CRC or equivalent.

Diagonal Braces: Check condition of "D" loops or Graspers as these are sometimes dropped when scaffold is being dismantled

Ladders: Check condition of rungs and stiles for damage (sometimes driven over by vehicles on site). Also check hooks for damage (eg bent) and check ladder arms, apply CRC or equivalent if required.

More information overleaf

Component Identification 2700 Series

Part	Part #	KG's	Part	Part #	KG's	Part	Part #	KG's
4' Plain Tray - Ply (Hook/V)	TR_24	10.0	18" Adjustable Castor	CA_61	8.0	4' Diagonal	DI_20	3.5
4' Trap Door Tray - Ply (Hook/V)	TR_19	9.0	18" Adjustable Base Plate	CA_65	5.0	6' Diagonal	DI_19	4.0
4' Plain Tray - GM (Hook/V)	TR_26	8.0	Stabilizer	MI_25	5.0	6'x4' Diagonal	DI_18	3.5
4' Trap Door Tray - GM (Hook/V)	TR_21	7.0	10' Outrigger	MI_24	9.5	8'x4' Diagonal	DI_17	4.0
6' Plain Tray - Ply (Hook/V)	TR_15	16.0	14' Outrigger	MI_23	11.0	8'x6' Diagonal	DI_16	4.0
6' Trap Door Tray - Ply (Hook/V)	TR_11	14.0				10'x4' Diagonal	DI_22	4.5
6' Plain Tray - GM (Hook/V)	TR_17	13.0				10'x6' Diagonal	DI_21	4.5
6' Trap Door Tray - GM (Hook/V)	TR_13	12.0						
8' Plain Tray - Ply (Hook/V)	TR_07	20.0	4' Rapid Scaff Ladder	LA_11	6.0			
8' Trap Door Tray - Ply (Hook/V)	TR_09	19.0	7' Scaffold Ladder		7.0			
8' Plain Tray - GM (Hook/V)	TR_09	17.0	8' Scaffold Ladder	GL_11	8.0	2' Kickboard	KB_09	2.0
8' Trap Door Tray - GM (Hook/V)	TR_05	16.0	9' Scaffold Ladder	GL_13	10.0	4' Kickboard	KB_04	5.0
10' Plain Tray - Ply (Hook/V)	TR_33	27.0	11' Scaffold Ladder		11.0	6' Kickboard	KB_06	8.0
10' Trap Door Tray - Ply (Hook/V)	TR_29	25.0	12' Scaffold Ladder	GL_14	12.0	8' Kickboard	KB_04	10.0
10' Plain Tray - GM (Hook/V)	TR_35	24.0	15' Scaffold Ladder	GL_28	14.0	10' Kickboard	BK_12	12.0
10' Trap Door Tray - GM (Hook/V)	TR_31	23.0	18' Scaffold Ladder	GL_29	16.0			
			21' Scaffold Ladder	GL_31	19.0	Putlog Coupler		0.6
						Swivel Coupler		1.2
						90° Coupler		1.1
4' Base Frame (2000mm)	FR_32	14.5				Cantilever Bracket		5.0
4' Inter Frame (1600mm)	FR_24	11.5	4' Cross Brace	BR_13	2.0	1' Corner Post		1.3
4' Inter Frame (1200mm)	FR_25	7.5	6' Cross Brace	BR_09	2.5	2' Corner Post		1.6
4' Inter Frame (800mm)	FR_18	4.5	8' Cross Brace	BR_04	3.0	3' Corner Post		2.0
4' Inter Frame (400mm)	FR_20	2.0	10' Cross Brace	BR_23	3.5	Wall Bracket		1.0
4' Hand Rail Frame	FR_26	6.5						
6' Base Frame (2000mm)	FR_16	17.0				4700 Tubing - Per Metre		1.7
6' Inter Frame (1600mm)	FR_11	14.0						
6' Inter Frame (1200mm)	FR_12	10.0	4' Horizontal	HO_08	2.5	2.0m Aluminium Plank		7.0
6' Inter Frame (800mm)	FR_09	7.0	6' Horizontal	HO_07	3.0	2.4m Aluminum Plank		8.4
6' Inter Frame (400mm)	FR_10	4.0	8' Horizontal	HO_06	3.0	3.0m Aluminum Plank		10.5
6' Hand Rail Frame	FR_14	9.0	10' Horizontal	HO_10	4.0	4.0m Aluminum Plank		14.0
6' Walk Thru Frame	FR_61	25.0				5.0m Aluminium Plank		17.5
						6.0m Aluminium Plank		21.0



Scaffold Ladder



Plain Tray / Trap Door Tray



Frame



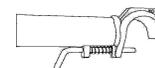
Base Plate



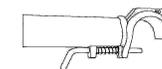
Castor



Diagonal Brace



Horizontal



Cross Brace



Kickboard