

# SATURN TOWERS

**MEDIUM DUTY  
STEEL TOWERS**



The ever popular 4' x 4' base size shown here with adjustable legs for levelling and a set of stabilizers for extra stability. This platform height of 14' 3" gives reach heights (working heights) up to 20' 3".

Saturn Towers are a more robust range of steel towers with a smooth, **pre-galvanised** finish for long-lasting corrosion resistance.

An excellent choice for the committed handyman and anyone who requires extra safety and durability from their tower.

- ▶ Full 5 year UNCONDITIONAL guarantee.
- ▶ PRIME quality steel with weather resistant **PRE-GALVANISED** finish.
- ▶ 38mm / 1½" diameter tube x 16 gauge wall thickness in vertical tubes.
- ▶ Wide range of optional accessories including castors, adjustable bases, stabilizers, internal ladders, trapdoor platform etc.
- ▶ Full range of frames gives tower base size options - 4'x4' ( most popular ); 6'x4' ; 4'x2'6" ; 6'x2'6".
- ▶ Erection instructions & detailed safety notes supplied with every tower.
- ▶ Easy to transport & store - when dismantled, most heights of 4'x4' Saturn Tower, complete with platform boards, will fit comfortably into an average family hatch-back car (e.g. Mondeo/Astra) when the rear seats are folded down !

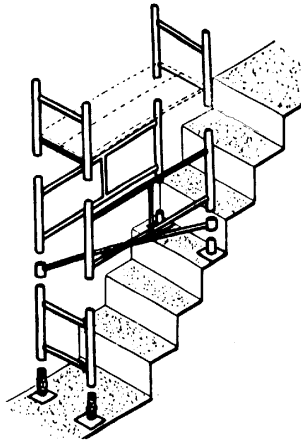


Small 4' x 4' towers are ideal for hedge trimming, here with adjustable legs for levelling. This 6ft platform height tower provides a safe, stable platform for reaching up to 12ft high. Much safer than stepladders!

4' x 2'6" base size is ideal for tight spaces and low-level work. Locking castors add easy mobility. It is easily converted for use as a STAIRWELL SCAFFOLD.



6' x 4' gives greater platform area and greater reach before having to move the tower, but suffers from the disadvantage of platforms only fitting alternate lifts - i.e. standard platform boards will only fit on top of 6ft frames.



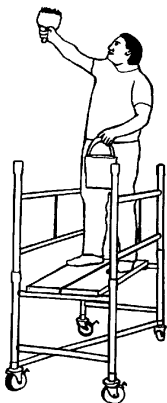
### TYPICAL STAIRWELL SCAFFOLD

2 x 4' Frames ; 3 x 2'6" Frames ; 1 x Diagonal Brace (4x2'6") ; 3 x Platform Boards ; 2 x Base Plates ; 2 x Adjustable Base Plates.

Variations to this typical version will often be necessary because stair dimensions differ so widely.

### CANTILEVERS

Cantilevers can be constructed to overcome many awkward situations such as dormer windows, lean-to buildings etc. Please discuss your problem with Lansford.



### DECORATORS KIT

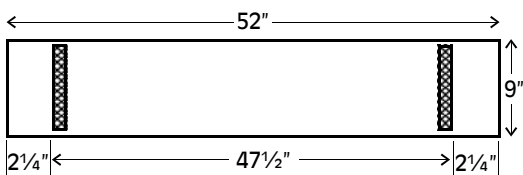
2 x 4' Frames ; 2 x 2'6" Frames ; 1 x Diagonal Brace (4x2'6") ; 3 x Platform Boards ; 4 x Castors ( or Base Plates )

Useful as a "hop-up" for interior decoration in tall rooms. Gives about 2' 6" platform height with Base Plates fitted or about 3' 0" with castors fitted. Can be assembled in 4'x2'6" format (as in the diagram & above components) or alternatively as 4'x4' in larger rooms, using just 4ft Frames and a 4'x4' Diagonal Brace.

### PLATFORM BOARDS

These are not included in tower kits. Specifications are provided here for customers who wish to make their own boards. Standard scaffold boards cut to the required length are ideal for this purpose. The stops fitted to the underside ensure the boards do not slide off the tower.

- 4' x 4' towers need 5 boards
- 6' x 4' towers need 8 boards
- 4' x 2'6" towers need 3 boards
- 6' x 2'6" towers = 8 boards but 31" long & stops 1 3/4" from end



**Boards** - 52" x 9" x 1 1/2"    **Stops** - 8" x 1 1/2" x 1" ( or similar )  
 (Platform Boards supplied by Lansford are actually 2" thick)



### BASE PLATES & CASTORS

Castors make towers easier to move on firm surfaces. A thumbscrew secures castor to tower upright. A second thumbscrew brakes the wheel and also locks the ball-race to prevent swivelling whilst braked. Plain Base Plates are included with every tower to help protect the ground surface and tower tube.



### ADJUSTABLE BASES & CASTORS

The screw thread gives 6" of height adjustment so that towers can be safely levelled when erected on uneven or sloping ground. Thumbscrew locks adjuster to tower upright. If erected on sloping ground great care should be taken when using adjustable castors - ensure the tower cannot roll away!

### OUTRIGGERS (STABILISERS)

Saturn Tower stabilisers attach to the corners of towers to extend their "footprint" and make them safe at greater heights. They have a large rubber foot and captive couplers with wing nuts & do not need a spanner to tighten to the tower.



## OUTRIGGERS / STABILISERS

These are **not** included in tower kits.

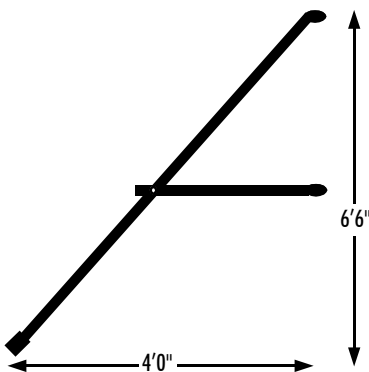
- Towers so marked need measures taken to provide acceptable stability & safety. These towers have a platform height exceeding 3 times their smallest base dimension so should either be tied-in securely to the building or have outriggers fitted.

### CORRECT USE OF OUTRIGGERS

Outriggers should be fitted to the corners of the tower when the platform height is over the maximum free-standing height of 11'6" for 4'x4' & 6'x4' towers; or over 6ft for 4'x2'6" & 6'x2'6" towers. Outriggers increase the smallest base dimension and make towers stable at greater heights. When fitted correctly, they will make the tower safe to a maximum platform height of 26' (4' wide towers) or 20' (2'6" wide towers). Taller towers must be tied-in at this height and again at maximum 6ft intervals. *Most domestic users only fit two outriggers (those away from the wall).* The correct method of fitting outriggers is to use 4 (one at each tower corner) with the inner outriggers parallel to the wall giving a "K" formation. Full details of outrigger use are included in the Safety Notes provided with your tower.

### TYING-IN AS ALTERNATIVE TO USING OUTRIGGERS

Ties must be positioned at the maximum free-standing heights shown above and repeated at maximum 6ft intervals. Wall ties should be made with sturdy wall anchors which expand in the brickwork or by bracing a stout beam across the inside of a window aperture. **DO NOT** tie to downpipes or other insubstantial fittings.



Saturn Tower outriggers are fitted with scaffold type couplers and wing-nuts (spanner not required).

PLATFORM HEIGHT			approx working height		TOWER CODE		SATURN TOWER COMPONENTS													
							FRAME			GR FRAME		DIAG BRACE			HANDRAIL			BASERAIL		
6'	4'	2'6"	4'	2'6"	6x4	4x4	4x2	6x2	6'	4'	2'6"	6'	4'	2'6"	6'	4'	2'6"	4		
<b>BASE SIZE 4' x 4'</b>																				
6'0"	12'0"	ST44/06	-	4	-	2	-	-	1	-	-	-	2	-	-	2	-	4	-	
8'9"	14'9"	ST44/08	-	6	-	2	-	-	1	-	-	-	2	-	-	2	-	4	-	
11'6"	17'6"	ST44/10	-	8	-	2	-	-	2	-	-	-	2	-	-	2	-	4	-	
14'3"	20'3"	ST44/12	-	10	-	2	-	-	2	-	-	-	2	-	-	2	-	4	●	
17'0"	23'0"	ST44/14	-	12	-	2	-	-	2	-	-	-	2	-	-	2	-	4	●	
19'9"	25'9"	ST44/16	-	14	-	2	-	-	3	-	-	-	2	-	-	2	-	4	●	
22'6"	28'6"	ST44/18	-	16	-	2	-	-	3	-	-	-	2	-	-	2	-	4	●	
25'3"	31'3"	ST44/20	-	18	-	2	-	-	3	-	-	-	2	-	-	2	-	4	●	
<b>BASE SIZE 6' x 4'</b>																				
6'0"	12'0"	ST64/06	2	2	-	2	-	1	-	-	-	2	-	-	2	-	4	-		
8'9"	14'9"	ST64/08	4	2	-	2	-	1	-	-	-	2	-	-	2	-	4	-		
11'6"	17'6"	ST64/10	4	4	-	2	-	2	-	-	-	2	-	-	2	-	4	-		
14'3"	20'3"	ST64/12	6	4	-	2	-	2	-	-	-	2	-	-	2	-	4	●		
17'0"	23'0"	ST64/14	6	6	-	2	-	2	-	-	-	2	-	-	2	-	4	●		
19'9"	25'9"	ST64/16	8	6	-	2	-	3	-	-	-	2	-	-	2	-	4	●		
22'6"	28'6"	ST64/18	8	8	-	2	-	3	-	-	-	2	-	-	2	-	4	●		
25'3"	31'3"	ST64/20	10	8	-	2	-	4	-	-	-	2	-	-	2	-	4	●		
<b>BASE SIZE 4' x 2' 6"</b>																				
6'0"	12'0"	ST42/06	-	2	2	2	-	-	1	-	-	-	2	-	-	2	4	-		
8'9"	14'9"	ST42/08	-	4	2	2	-	-	1	-	-	-	2	-	2	-	4	●		
11'6"	17'6"	ST42/10	-	4	4	2	-	-	2	-	-	-	2	-	2	-	4	●		
14'3"	20'3"	ST42/12	-	6	4	2	-	-	2	-	-	-	2	-	2	-	4	●		
17'0"	23'0"	ST42/14	-	6	6	2	-	-	2	-	-	-	2	-	2	-	4	●		
19'9"	25'9"	ST42/16	-	8	6	2	-	-	3	-	-	-	2	-	2	-	4	●		
<b>BASE SIZE 6' x 2' 6"</b>																				
6'0"	12'0"	ST62/06	2	-	2	-	2	-	-	-	1	2	-	-	2	-	4	-		
8'9"	14'9"	ST62/08	4	-	2	-	2	-	-	-	1	2	-	-	2	-	4	●		
11'6"	17'6"	ST62/10	4	-	4	-	2	-	-	-	2	2	-	-	2	-	4	●		
14'3"	20'3"	ST62/12	6	-	4	-	2	-	-	-	2	2	-	-	2	-	4	●		
17'0"	23'0"	ST62/14	6	-	6	-	2	-	-	-	2	2	-	-	2	-	4	●		
19'9"	25'9"	ST62/16	8	-	6	-	2	-	-	-	3	2	-	-	2	-	4	●		
For components of other towers please enquire																				

SATURN TOWER SPECIFICATIONS	
Actual Base Sizes	4'3" x 4'3" ; 6'0" x 4'3" ; 4'3" x 2'6" ; 6'0" x 2'6"
Tower Safe Working Load	250 kg evenly distributed (provided suitable platform material is used)
Steel Tube	Prime quality 1½" (38mm) OD x 16 gauge wall thickness in vertical column tubes
Finish	Pre-Galvanised finish

Complying with the  
**Work at Height Regulations 2005**  
and the HSE preferred "3T" erection method for towers

Customers who use towers for commercial rather than their own domestic work should comply with the above regulations and specification. These steel towers will not allow complete compliance with HSE's preferred 3T assembly procedure so should not be used in the workplace. Please see separate details for our commercial and industrial alloy towers which include all components necessary for compliance (i.e. trapdoor platform, toeboards, mid-guardrails, internal ladders access, stabilisers etc).

**LANSFORD**  
www.ladders999.co.uk

# SATURN TOWERS

**MEDIUM DUTY  
STEEL TOWERS**



**SATURN LADDER TOWERS**  
Include more safety  
equipment than standard  
Saturn Towers

**SATURN LADDER TOWERS** - Saturn Towers are also available in a full specification "LADDER" version which includes vertical ladders, trapdoor platform, toeboards around the platform, adjustable castors, and stabilisers (where required), all as a part of the standard kit. In this form they provide greater ease of erection and dismantling, greater ease of levelling & moving for relocation plus much greater safety with the automatic inclusion of 4 stabilisers and ladder access up the inside to the trapdoor platform at the top.

Details and prices for these fully specified Saturn **LADDER** Towers can be viewed and printed on our web site.

Saturn Towers are normally in stock and ready for fast delivery to anywhere in mainland UK



**COMPACT STORAGE** - Saturn Towers take up very little space when dismantled. Easy to store and easy to transport. Most sizes of 4' x 4' tower plus platform boards will fit easily in the rear of a family sized hatchback car with the rear seats folded down. Here is an 11' 6" platform height tower 4'x4' in an Audi A4 estate - a comfortable fit with loads of room to spare!



**PLATFORM BOARDS** - are not included in tower kits. They are available from Lansford but many customers prefer to make their own. Standard scaffold boards cut to the required length are ideal for this purpose. Some customers choose to make even more elaborate platforms including trapdoors. It is important to ensure your platform is at least as strong as our platform boards.

For prices of these and full details of our huge range of ladders, steps, podium steps and scaffold towers, visit us at our web site

[www.ladders999.co.uk](http://www.ladders999.co.uk)



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All prices, details and specifications are subject to change without notice and are those ruling at date of order. E&OE.