

# SUPERMAN

MOBILE SCAFFOLD & LADDER



Contact us  
Phone Number:86-512-65323201/67235658  
Fax Number:86-512-65327276/65321605  
E-mail:gloryscaffold@gmail.com  
Billwu@cmecsz.com  
Wechat: 008613814823485  
Website:<http://www.china-scaffold.com>  
[www.cmec.com](http://www.cmec.com)

**SUPERMAN** SCAFFOLD & LADDER  
EXPOTER : CHINA MACHINERY ENGINEERING SUZHOU CO.,LTD.

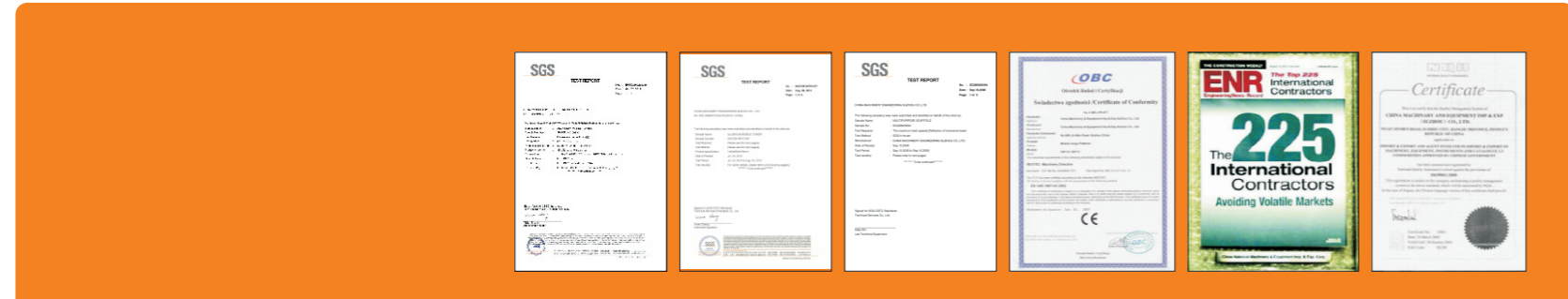
# Company profile

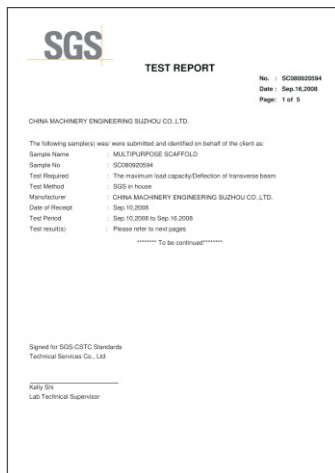


We are a professional scaffold and Ladder factory mainly supply Mobile Scaffold , Aluminum scaffold, Tower scaffold, Aluminum ladder. our Tower scaffold meet AS1576 &EN standard which guarantee our scaffolds are of good quality. Our Multi-Function scaffolds (Mobile Scaffold) meet US ANSI & OSHA Standards and pass SGS test . Our Mobile scaffold mainly sale to USA (Werner ladder & Lowe's),more than 400containers/ Year.

Since we have been engaging the export of various scaffold products, we have set up several production bases from which stable quality, reasonable price and perfect services. The company has been certified for the authentication of ISO9001: 2000 Quality Management System.

SUPERMAN SCAFFOLD AND LADDER export from CHINA MACHINERY ENGINEERING SUZHOU CO., LTD is the important subsidiary of CMEC Corporation (established in 1978 as the first national corporation integrating foreign trade with industry, CHINA MACHINERY ENGINEERING CO., LTD (CMEC) deals principally in contracting international engineering projects, exporting complete plants and equipment, importing & exporting mechanical and electrical products and engaging in external economic and technical cooperation, its turnover in 2012 reached USD 12.8 billion.





**SMF101**  
 Size: 1873 x 743 x 1905mm  
 Safe load: 1000lbs  
 Weight: 60kg

ANSI & OSHA



SMF104



SMF109



SMF104



SAT12



SAT14



SMF106





SMF102



SMF102A



SAT11



SMF102B



SMF1041



SMF1093



**L0. 68x W1. 4x H2.9m**

Features:  
Be assembled faster and cost effective;  
Molded toe-board clip is simple to install;  
Very stable working platform.

NO.	Part Name	Size	Qty
#1	5" adjustable caster wheel	5"	4
#2	Frame 6 row	680 x 1400mm	2
#3	Platform with hatch	610 x 1400mm	1
#4	Yellow hook (horizontal) brace	1400mm	4
#5	Guard Rail	680 x 1000mm	2

The image displays four SGS test reports for scaffolding components. Each report includes a title, a list of test items, and a table of results. The reports are for: 1) Test of platform and casters, 2) Test of platform and casters (continued), 3) Test of platform and casters (continued), and 4) Test of platform and casters (continued). The reports are dated August 2014 and include the SGS logo and company information.



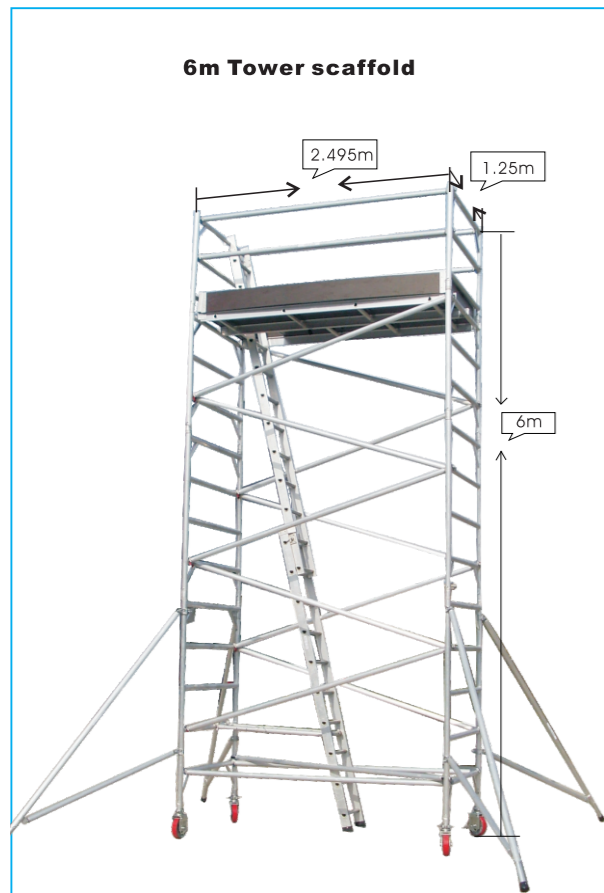


# Australia type

L2.5xW1.25xH6m

## AL-TOWER 6M

6m Tower scaffold

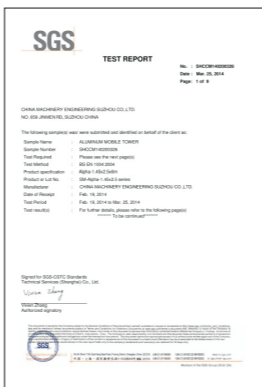


### CONTENTS OF THIS PACK: (AS PICTURED RIGHT)

- 1\*bottom brace
- 2\*ladder frame 4 row
- 4\*adjustable caster wheel
- 6\*horizontal brace
- 2\*ladder frame 5 row
- 1\*extension ladder 6m
- 10\*diagonal brace
- 1\*toe board
- 1\*ladder supporter
- 2\*guardrail
- 12\*half spring locker
- 1\*platform with hatch
- 2\*ladder frame 3 row
- 4\*stabilizer
- 1\*platform closed

### Assemble Drawing

No.	Product Code	Name of Product	Size	Amount
7	CB3	bottom brace	2791mm	1
6	Hb3	horizontal brace	2495mm	6
5	Db3	diagonal brace	2620mm	10
4	G1	guardrail	1.25×1m	2
3	F101	ladder frame3row	1.25×1.2m	2
2	F102	ladder frame4row	1.25×1.6m	2
1	F103	ladder frame5row	1.25×2m	2
15	T4	toe board	1.25×1m	1
14	L1	half spring locker		12
13	S1	stabilizer	2517×1594m	4
12	BC6T	adjustable ccaster wheel	6" ×575m	4
11	AL60-F	xtension ladder 6m	3600×6000m	1
10	AL60-S	ladder supporter	1345mm	1
8	WB-H	platform with hatch	2495×540m	1
9	WB-L	platform closed	2495×540m	1



**255kg**  
Each platform maximum loading



2 Rung frame with ladder



3 Rung frame with ladder



4 Rung frame with ladder



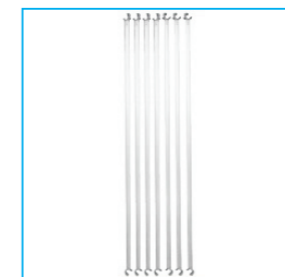
3 Rung frame (double width)



4 Rung frame (double width)



5 Rung frame (double width)



Bottom brace



Diagonal brace



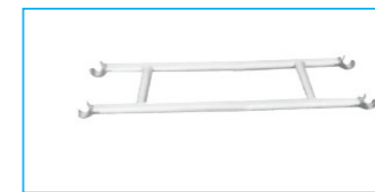
Adjustable stabilizer



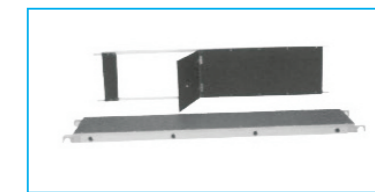
Stabilizer



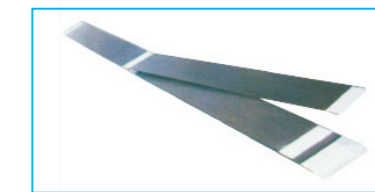
Ladder A, Ladder B



Support bar for ladders

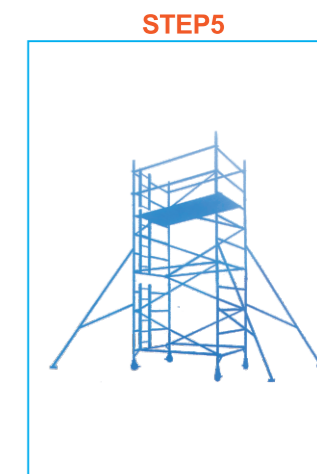
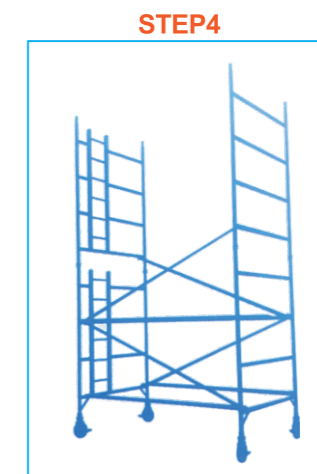
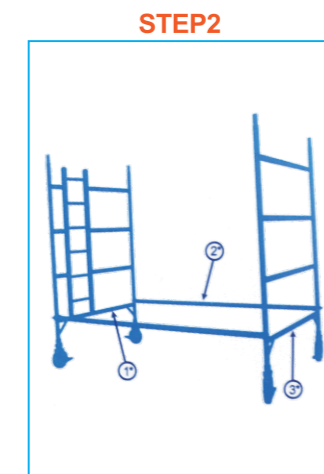
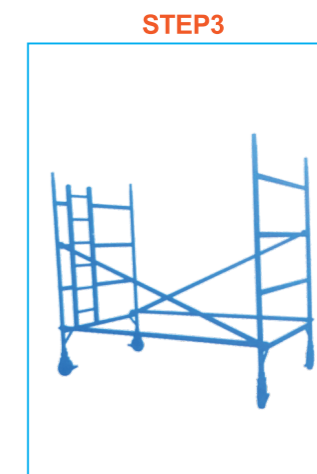
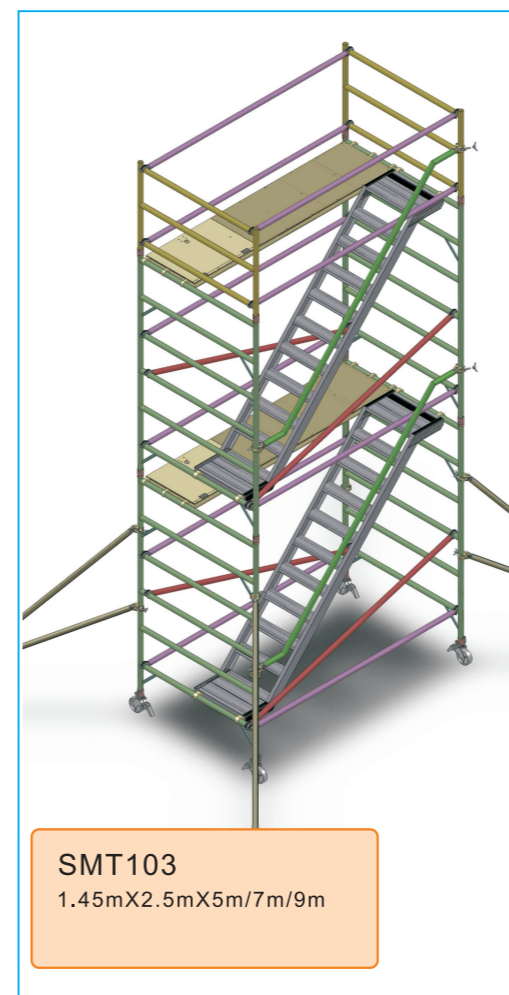
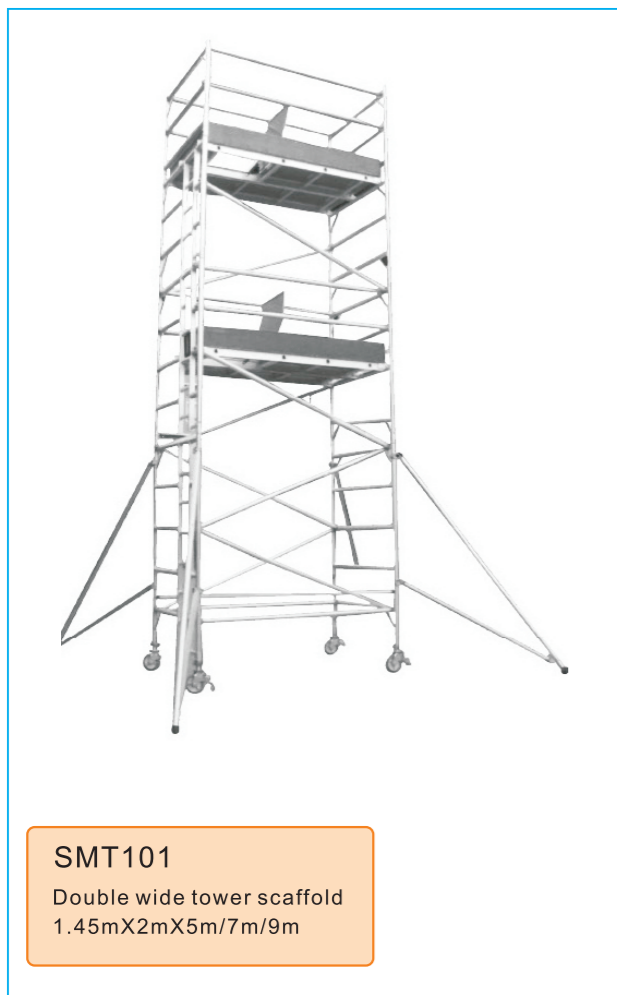


Aluminum weather board with trap door



Toeboard (wooden)







## ERECTING A TOWERS

Many types of mobile access towers are available. The manufacturer or supplier has a duty to provide an instruction manual which explains the erection sequence, including any bracing requirements. If the tower has been hired, the hirer has a duty to provide this information. This information must be passed on to the person erecting the tower.

Towers should be erected following a safe method of work. There are two approved methods recommended by the Prefabricated Access Suppliers.

The first method, an advance guard rail system, makes use of specially designed temporary guard rail units, which are locked in place from the level below and moved up to the platform level. The temporary guard rail units provide collective fall prevention and are in place before the operator accesses the platform to fit the permanent guard rails. The progressive erection of guard rails from protected area at a lower level ensures the operator is never exposed to the risk of falling from an unguarded platform.

The second method of erection is the 'through-the-trap'. This allows the person erecting the tower to position himself at minimum risk during the installation of guard rails to the next level. It involves the operator taking up a working position in the trap door of the platform, from where they can add or remove the components which act as the guard rails on the level above the platform. It is designed to ensure that the operator does not stand on an unguarded platform, but installs the components to a particular level while positioned with the trap door of that same level.

Towers should only be erected by trained and competent people. There are a number of organizations that provide training for the safe erection and use of tower scaffolds following the methods described above.

## STABILITY

Make sure the tower is resting on firm, level ground with the locked castors or base plates properly supported. Never use bricks or building blocks to take the weight of any part of the tower.

Always check the safe working height by referring to the instruction manual.  
Always install stabilizers or outriggers when advised to do so in the instruction manual.

Remember, the stability of any tower is easily affected. Unless the tower has been specifically designed for such use, activities such as those listed below should never be carried out:

Sheeting or exposure to strong winds;  
Loading with heavy equipment; and using the tower to hoist materials or support rubbish chutes.

## USING THE TOWER

There must be a safe way to get to and from the work platform. This must be on the inside of the tower by an appropriately designed built-in ladder. It is not safe to climb up the rungs on the end frames unless the rungs have been specifically designed for the purpose of getting to and from the working platform - these have rung spacings of between 230 and 300 mm and an anti-slip surface. If you are in doubt, consult the instruction manual.

Falls must be prevented where there is a risk that a fall could result in personal injury. The working platform must be provided with suitable edge protection and toe boards. Guard rails should be at least 950 mm high and an intermediate guard rail should be provided so the unprotected gap does not exceed 470 mm.

Never use a tower:  
as a support for ladders, trestles or other access equipment; in weather conditions which are likely to make it unstable; with broken or missing parts; with incompatible components

## MOVING THE TOWER

When moving a tower:  
reduce the height to a maximum of 4 m; check that there are no power lines or other obstructions overhead; check that the ground is firm, level and free from potholes; push or pull using manual effort from the base only never use powered vehicles; never move it while there are people or materials on the tower; never move it in windy conditions

## PROTECTING THE PUBLIC

When towers are used in public places, extra precautions are required: erect barriers at ground level to prevent people from walking into the tower or work area; minimize the storage of materials and equipment on the working platform; remove or board over access ladder to prevent unauthorized access if it is to remain in position unattended.

## DISMANTLING A TOWER

To dismantle a tower using the advance guard rail method, the operator starts from the top and reinstates the advance guard rail unit before removing the permanent guard rails and toe boards and descending to the lower level. The advance guard rail units are then relocated to the level below and the process is repeated, with collective fall prevention measures being maintained throughout.

To dismantle a tower using the 3T method, after removing the toe boards, the operator disengages the guard rail hooks furthest from the trap. Guard rail components are then removed with the operator positioned through the trap before descending to the lower level, from where the upper platform and end frames are removed.



