

# Mobile access and work tower HS680

## Holder/Supplier/Manufacturer

### Hultafors Group AB

Telegatan 6, 571 22 Nässjö, Sverige

## Product name

Trade Scaffolding (Prefabricated room scaffold) HS680

## Product description

As per pages 2–4 of this type-examination certificate. Technical documentation as provided to RISE, no. P114831.

## Certificate

RISE certifies that the product specified on this type examination certificate complies with the requirements of the Swedish Work Environment Authority's Statute Book as per the provisions of AFS 2013:4 Scaffolding Section 10, RISE certification rules SPCR 064 and SS-EN 1004:2005.

## Evaluated system configurations

Load class 3 (2.0 kN/m<sup>2</sup>), under the conditions contained in the product description.

## Marking

All main components must be indelibly marked with the year of manufacture (2 digits) and with "WIBE LADDERS". The products can also be marked with the RISE type-examination label (see below for example). The bottom frame must be marked at eye level with the number of the type-examination certificate, the RISE type-examination label, the designation and text specified in SS-EN 1004 and the manufacturer, supplier or holder of the certificate.

## Period of validity

The type-examination certificate is valid until no later than 2031-12-02.

## Miscellaneous

RISE conducts annual inspections of type-examined scaffolding components as per Section 5 of SPCR 064.



Martin Tillander

*This is a translation from the Swedish original document. In the event of any dispute as to its content, the Swedish text shall take precedence.*

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## Product description for Trade Scaffolding HS680

### Design

Trade scaffolding HS680 comprised of a collapsible vertical frame at the bottom, vertical frames for extending the height, horizontal and diagonal braces, platforms, guardrail frames, stabilisers, toe-boards and wheels. An inclined ladder is used for access. The tower has a width of 0.67 m and a length of 1.5 m.

The mobile access and work tower can be assembled in different height combinations.

Components according to table below.

Component	Measurement (mm)	Item number
Frame, 2 rungs	750×678	868013
Frame, 6 rungs L	1500×678	868015
Frame, 6 rungs R	1500×678	868016
Frame, 7 rungs	1750×678	868017
Folding frame	1442×560	868018
Wheel	Ø125	868019
Platform	1400×600	868020
Stabiliser	2223	868022
Diagonal strut	1597	868023
Guardrail frame	1561×546	868024
Kickboard, short	728×150	868026
Kickboard, long	1550×150	868027
Platform ladder	1824×453	868029

Other accessories: Lock pin

### Dimensions

Component	Dimensions (mm)	Material
Frame (2 rungs, 6 rungs, 7 rungs)		
- Vertical strut	Ø50.8×1.6	Aluminum
- Horizontal strut	Ø40.7×1.7	
Folding frame	50×25×1.3 30×12×1.3	Aluminum
Stabiliser	43.4×33.4×1.6	Aluminum
Diagonal strut	43.4×33.4×1.6	Aluminum
Guardrail frame	35×20×1.6 43.4×33.4×1.6	Aluminum
Kickboard	150×15	Plywood

## Conditions during use

1. Platform heights are presented in the following table and when stabilisers are to be used.

Platform height max. (m)	Stabilisers
1.1	–
1.4	X
2.4	X
4.2	X

The stabilisers are positioned at a 45° angle to the extension on the short side.

2. The working area must always be fitted with a platform, double guardrails comprised of double horizontal strut on long sides and gable rails on short sides, and kickboards. Double guardrails must also be fitted on all other levels. Guardrails must have a height of at least 1 m ( $\geq 950$  mm).
3. For a mobile access and work tower with a height  $< 1.25$  m, guardrails may be omitted, and for a scaffold with a height  $< 2.00$  m, toe-boards may be omitted, provided that the horizontal working load that can arise does not exceed 100 N and no wind load exists. In this case, safety as regards to overturning is  $\geq 1.20$ .
4. When using an inclined ladder, the intermediate level must be fully covered with platforms.
5. Only one (1) platform level may be loaded. The maximum distributed load on the scaffold level is  $2.0 \text{ kN/m}^2$  (load class 3).
6. Access to the mobile access and work tower may only be from the inside. Does not apply to heights  $< 2.0$  m and where guardrails are not fitted.
7. The mobile access and work tower may not be used to access other structures.
8. Diagonal and horizontal strut must not be used as ladders.
9. The castor wheels must be locked except when it is being moved.
10. Attaching items to the mobile access and work tower that can catch the wind, such as advertising signs and the like, is prohibited.
11. In conjunction with the type-examination, the assembly instructions dated *Manual HS 68 B4* have been reviewed.

## Assembly instructions

The mobile access and work tower must be accompanied by the assembly instructions when it is handed over to the user.

## Use

Regardless of whether the mobile access and working tower is fitted with castors, it is intended only for short-term work.

### Application

The type-examination certificate applies to scaffolding produced by the manufacturer specified on the type-examination certificate using materials, dimensions and designs matching those of the type-examined example.

The HS680 scaffold may not be assembled using components from other mobile access and work towers unless a specific analysis of the resulting load capacity has been conducted.

