

Mobile access tower

Issued to/Manufacturer**Hultafors Group AB**

Box 38, 517 21 Bollebygd, Sweden

Manufacturing site

Code 2024-Hultafors-1

Distributor

Hultafors Group Norge AS, Tevlingveien 23, 1081 Oslo, Norway

Product name

RT 750XR, RT 1400XR, FT 750XR, RT 750, RT 1400, FT 750 and ST 1400

Product description

As per pages 2–5 of this certificate. Technical documentation as provided to RISE, no. P117184.

Certification

RISE certifies that the product specified on this type-examination certificate complies with the requirements in Arbeidstilsynets forskrift om konstruksjon, utforming og fremstilling av arbeidsutstyr og kjemikalier (produsentforskriften), dated 9 june 2020 nr. 1272, § 4-1 to 4-4. (RISE certification rules SPCR 064 dated 2021-10-25) and NS-EN 1004-1:2020.

Evaluated system configurations

Load class 3 (2.0 kN/m²), under the conditions contained in the product description.

Marking

The products must be marked in a visible area at eye level on the vertical frame with name of certificate issuer (RISE), certificate number, manufacturer name or registered trademark, designation according to NS-EN 1004-1, as well as the text: 'Read the instruction manual' or equivalent symbol according to EN ISO 7010.

Each main component, e.g., frame, platform, handrail, means of access and horizontals must be marked with permanent and visible marking, such as embossing with manufacturer name or registered trademark (WIBE LADDERS) and year/month of manufacture (YY-MM) according to YY-MM WIBE LADDERS.

Period of validity

The type-examination certificate is valid until no later than 2034-02-02. The validity of this type-examination certificate can be verified at RISE homepage.

Miscellaneous

RISE conducts annual inspections of certified scaffolding components as per Section 5 of SPCR 064. The certificate was originally issued on 2024-02-02.



Martin Tillander

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

Certificate C900822 | issue 1 | 2024-02-02

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P117184

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Product description for prefabricated mobile access towers RT 750XR, RT 1400XR, FT 750XR, RT 750, RT 1400, FT 750 and ST 1400

Design

The scaffolding consists of ladder frames, platforms with or without hatch, horizontal braces/handrail, diagonal braces, support legs, inclined ladder or stairs, toe boards, and wheels. Model FT 750 uses ladder frames linked with a folding frame. For model ST 1400, an entry frame is used for the first level.

The access way is a ladder frame, inclined ladder or stairs, but in the XR models there are only inclined ladder or stairs when the top platform height is more than 2.5 m.

The scaffolding can be built in different width, length, and height combinations. The following components are included in the various scaffold models:

Component (design is stated in assembly instructions)	Size (m)	Article number	RT 1400 XR/RT 1400	RT 750XR/ RT750	ST 1400	FT 750XR/ FT750	Weight
Telescopic, support leg		839019	X	X	X	X	5.1
Wheels, ST RT	0.2	839020	X	X	X		5.8
Handrail, ST 1400		839038			X		3.0
Frame, ST RT	1.4×2.0	839040	X		X		10.4
Frame, ST RT	1.4×1.0	839041	X		X		5.5
Frame, RT FT	0.75×2.0	839042		X		X	3.8
Frame, RT FT	0.75×1.0	839043		X		X	7.0
Entry frame, ST 1400		839044			X		8.9
Platform, large hatch, ST	0.6×2.4	839045			X		15.6
Platform, hatch, RT	0.6×2.4	839046	X	X			16.7
Platform, ST RT	0.6×2.4	839047	X		X		16.4
Stairs, ST RT		839048			X		20.1
Horizontal brace, ST RT	2.4	839050	X	X	X		2.4
Diagonal brace, ST RT	2.7	839051	X	X	X		2.6
Toe board, narrow, short side	0.9	839490		X		X	1.8
Toe board, long side	2.4	839492	X	X	X		4.9
Toe board, long side	1.7	839496				X	3.5
Toe board, wide, short side	1.5	839493	X		X		2.8
Folding base section, FT 750	0.75×1.8	817517				X	39.1
Platform, hatch, FT 750	0.6×1.7	839090				X	12.7
Horizontal brace, FT 750	1.8	839080	X			X	2.0
Diagonal brace, FT 750	2.1	839081				X	2.2

Component (design is stated in assembly instructions)	Size (m)	Article number	RT 1400 XR/RT 1400	RT 750XR/R T750	ST1400 XR/ST 1400	FT 750XR/F T750	Weight
Inclined ladder	2.1	839540	X	X		X	5.5
Base ladder, FT	1.85	839542				X	6.3
Base ladder, RT	2.09	839541	X	X			7.6

Accessories: Locking clips, platform hooks, lock fittings, sole boards

Dimensions

Component	Dimensions (mm)
Ladder frames, vertical	Ø50×2.0
Ladder frames, horizontal	Ø50×1.8
Horizontal and diagonal brace, support leg	Ø50×1.6
Platform transoms	80/36.8×1.5

Conditions during use

- Maximum indoor and outdoor heights are stated in the tables below, along with whether the model meets the requirements at different heights. Unless otherwise stated, support legs must be placed at a 30° angle to the short side extension.

Indoors and outdoors			
Scaffold			
FT 750		FT 750XR	
Maximum platform height (m)	Support legs	Maximum platform height (m)	Support legs
1.8	Telescopic 30°	1.8	Telescopic 30°
-	-	3.8	Telescopic 30°
-	-	5.8	Telescopic 30°

Indoors			
Scaffold			
RT 750, RT 1400		RT 750XR, RT 1400XR, ST 1400	
Maximum platform height (m)	Support legs	Maximum platform height (m)	Support legs
2.2	-	2.2	-
-	-	10.2	Telescopic 30°
-	-	12.2	Telescopic 30°

Outdoors			
Scaffold			
RT 750		RT 1400	
Maximum platform height (m)	Support legs	Maximum platform height (m)	Support legs
2.2	Telescopic 30°	2.2	Telescopic 30°

Outdoors									
Maximum platform height (m)	Scaffold								
	RT 750XR			RT 1400XR			ST 1400		
	Support legs	α	Ballast (kg)	Support legs	α	Ballast (kg)	Support legs	α	Ballast (kg)
2.2	Telescopic	30°	–	Telescopic	35°	–	Telescopic	50°	–
4.2									
6.2									
8.2		50°	180		50°	80			140

α = Angle at short side extension

- The working area must always be fitted with a platform, double guardrails comprised of double horizontal stays on long sides and gable rails on short sides, and toe-boards. Double guardrails must also be fitted on all other levels. Guardrails must have a height of at least 1 m (≥ 950 mm).
- When using an inclined ladder, the intermediate level must be fully covered with platforms.
- Only one (1) platform level may be loaded. The maximum distributed load on the scaffold level is 2.0 kN/m² (load class 3).
- Ingress to the scaffold is only permitted from the inside via the vertical frames, inclined ladder or stairs, and only via inclined ladder or stairs for platform heights over 2.5 m.
- The mobile access and work tower may not be used to access other structures.
- Diagonal and horizontal braces must not be used as ladders.
- The castor wheels must be locked except when it is being moved.
- Attaching items to the mobile access and work tower that can catch the wind, such as advertising signs and the like, is prohibited.
- At the time of certification, the installation instruction version Ver. 2024.2 in Norwegian has been examined.

Assembly instructions and user manual

The assembly instructions and user manual in Norwegian must accompany the product on sale.

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Use

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

The certificate applies to products by the manufacturer stated on the certificate and with material, dimensions, and design corresponding to the certified type.

If the scaffolding is built with components from other manufacturers, a separate assessment and calculation of the scaffolding must be made pursuant to Section 17 of Regulations Concerning the Performance of Work, since this is not the standard construction method according to the product's assembly instructions.

The certificate must accompany the product upon sale.