

Assembly Instruction

ROLLING TOWER RT 1400 & RT 1400XR

ROLLING TOWER RT 750 & RT 750XR

STAIR TOWER ST 1400

FOLDABLE TOWER FT 750 & FT 750XR

EN 1298 - IM - EN



SC1809-12

W.steps

Type-tested according to AFS 1990:12 and EN 1004:2005

The scaffolding is approved according to load class 3 (2,0 kN/m²) which is the highest possible load class for rolling towers.

Load class 3

Maximum uniformly distributed load: 2,0 kN/m²

Maximum concentrated load of 1.0 kN on an area of 0.2 m x 0.2 m.

Maximum concentrated load of 1.5 kN on an area of 0.5 m x 0.5 m.

Maximum horizontal service load on the topmost platform

- For RT and ST scaffolding: 300 N (equivalent of about 30 kg)
- For FT scaffolding: 100 N (equivalent of about 10 kg)

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The logo for w.steps, featuring a stylized 'w' in yellow and blue followed by the text '.steps' in white on a dark blue background.

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CERTIFIKAT

TYPE EXAMINATION CERTIFICATE

No. SC1809-12

Mobile access towers

Holder/Manufacturer/Supplier

Hultafors Group AB, Box 38, SE-517 21 Bollebygd, Sweden

Product name

Mobile access tower RT-750/RT-750XR and RT-1400/ RT-1400XR, Room scaffold FT-750/FT-750XR and Stairway tower ST-1400.

Product description

As described in the appendix to this certificate. Technical documentation in accordance with the material supplied for SP file No. PX17243 and 4P07120.

Requirements

The Swedish Work Environment authority Code of Statutes, AFS 1990:12 Scaffolding, Paragraph 6, (SP's certification rules, SPCR 064) and SS-EN 1004:2005. Models that also meets the requirements of AFS 2013:4, Annex 1, are specified in the appendix to this certificate.

Permissible load

Load class 3 (2.0 kN/m²), in accordance with the product description

Marking

The main components of the tower shall be permanently marked with "WIBE LADDERS" and "xx-yy" where xx designates the year and yy the month of manufacture. A sign readable from ground level must show the name of the manufacturer/supplier, designation, type examination certificate number, the SP mark and the text "Instructions for erection and use must be followed carefully".

Validity

This type examination certificate is valid until no later than 9th October 2022.

Miscellaneous

This type examination certificate replaces certificate with the same number dated 9th October 2012 and was originally issued on 9th October 2012.

Borås, 13th January 2015

SP Sveriges Tekniska Forskningsinstitut Certification

Lennart Månsson
Certification Manager


Gunnar Söderlind
Technical Officer



1002
EN 45 011



Type examination certificate issued by an accredited certification body

SP Technical Research Institute of Sweden

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Swedish accredited certification bodies are appointed by SWEDAC, the Swedish Board for Accreditation and Conformity Assessment, under the terms of the Act.
This type examination certificate may not be reproduced other than in full, except with prior written approval by SP.

Assembly instructions

These assembly instructions offer a step-by-step guide on how to assemble your scaffolding from W.steps in the simplest way and with maximum security. Read the safety information before assembling and using the scaffolding. If the scaffolding is to be transferred to somebody else, they should also be given these instructions.

SAFETY INFORMATION

GENERAL INFORMATION

- Type-tested according to AFS 1990:12 and EN 1004:2005, load class 3 (2.0 kN/m²). **This load must never be exceeded.**
- Maximum concentrated load of 1.0 kN on an area of 0.2m*0.2m.
- Any national regulations should be observed with respect to the design, dismantling, stability, operation and maintenance.
- The scaffolding shall be built according to assembly instructions using the components shown in the parts list for each height.
- The platforms should be accessed via ladders or stairs (Stair tower). It is also possible to climb on the frame rungs where the national regulation allows it.
- Work may only be performed on one scaffolding platform at a time.

CONSTRUCTION / DISMANTLING

- Check that all components, tools and safety equipment for constructing the rolling scaffolding are available at the work site and that they work properly.
- It is recommended that the scaffolding is constructed and dismantled by two people.
- Check that the ground where the scaffolding is to be assembled has sufficient bearing capacity for the weight of the scaffolding and its load.
- Check that the ground where the scaffolding is to be assembled is flat (especially applies to FT-750 which has non-adjustable wheels). Check the level of the first platform using a spirit level both lengthways and across to ensure that the scaffolding is standing straight within an angle of 1%.
- Check the wind conditions and that there are no obstructions nearby (wires, electrical supply lines).
- For further detail regarding construction and dismantling, see the following pages for each model

DAMAGED AND FAULTY COMPONENTS MUST NOT BE USED!

WIND LOADS

Wind designation	Effect as per. Beaufort	Beaufort wind force	Wind speed (km/h)	Wind speed (m/s)
Moderate breeze	Dust and loose paper raised. Small branches begin to move.	4	20-28	5-8
Strong breeze	Large branches in motion. Whistling heard in overhead wires.	6	40-50	11-14
Gale	Progress on foot is seriously impeded.	8	63-74	17-21

- Beware of strong wind. Scaffolding work should be discontinued if the wind speed exceeds 8 m/s (28 km/h).
- Be aware of additional loads from wind (tunnel effect from open buildings, uncovered buildings and at corners of buildings).
- Secure the scaffolding against something stable if the winds are expected to exceed 12 m/s (41 km/h). The scaffolding should also be secured at end of the day or when it is left unattended.
- Dismantle the scaffolding if winds exceeding 18 m/s (65 km/h) are expected.

USE

- Use the Check lists on the back of the assembly instruction when you build and use the scaffolding.
- National regulations should be followed when scaffolding is used. In Sweden, anybody constructing scaffolding must be trained to do so in accordance with AFS 2013:4.
- Never attempt to raise the working height by placing boxes or ladders on a platform.
- Lifting and lowering equipment, tools and materials etc. using ropes may only be done inside the bottom surface of the scaffolding (including any support legs). Note the maximum permitted load per scaffolding platform.
- Pay attention to loads caused by work that may contribute to tilting of the scaffolding, e.g. when using drills or for demolition work on adjacent façades.
- Maximum wind strength for moving the scaffolding is 7.7 m/s (28 km/h).
- Scaffolding may only be moved lengthways and by hand, by pushing or pulling the bottom part.
- Before moving, ensure that there are no people, materials or equipment on the scaffolding.
- When moving, be aware of any live electrical installations and cables that may be nearby.
- Be particularly careful when moving over uneven or sloping surfaces and use the wheel locks. When moving, any support legs should be raised just enough to move freely over uneven ground.
- Note that the movable scaffolding is not designed to be used in suspended applications.
- Rolling scaffolding may not be used as means of access to other scaffolding, constructions or similar

Wheels and moving

The scaffolding wheels are equipped with a brake. The brakes are locked by stepping on the red pedal and released by stepping on the green panel. The brakes should always be locked apart from when the scaffolding is to be moved over shorter distances.

When moving the scaffolding, the platform height should be max. 6m (RT-1400/ST-1400) or 4m (RT-750/FT-750). When moving, the support legs should be attached for greater stability, and be lifted only a few cm off the ground. Move the scaffolding by rolling it lengthways and only on flat ground. Note! Under no circumstances should the scaffolding be moved while any person or materials are on the scaffolding.

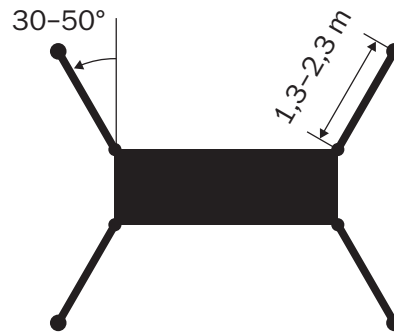
The bigger wheels (ST-1400/RT-750/ST-1400) are fitted with height adjusters. By adjusting the large nut, the wheel can be extended by approx. 30 cm. The height adjustment may be used to compensate for uneven or sloping ground. It is not permitted to raise the overall scaffolding height by simultaneously extending all four wheels to their maximum.

MAINTENANCE

- Handling, transport and storage must be performed carefully.
- All components should be regularly inspected for damage.
- Welds and locking mechanisms should be inspected with particular care.
- Scaffolding tube with dents or indentations should be considered discarded and must not be used.
- The threads for the wheel height adjustment should be cleaned and lubricated when necessary.
- Any lost scaffolding components should be replaced. Damaged components should be removed and discarded. See the spare parts list for replacement orders.

Stability and support legs

Four support legs should be fitted when needed, one in each corner of the scaffolding. Fixed support legs should be mounted so that they protrude about 1.3 meters from the scaffolding. Telescopic support legs should be mounted so that they protrude about 2.3 meters from the scaffolding. See tables below for the correct angle for the support legs.



Attaching support legs

The upper bracket is attached, tighten loosely. Attach the lower bracket and tighten loosely. Adjust so that the legs remain in position according to the sketch and press them firmly against the ground. Finally, tighten both brackets securely. The support legs should rest firmly on the ground and the scaffolding should stand vertically.

In normal cases, the support legs can be attached properly without having to adjust the middle bracket. When it is necessary to do so, use a 17 mm socket or wrench to loosen the bracket.

RT 1400 & RT 1400XR

Indoors

Height	Angle support legs	Ballast
2,2 m - 12,2 m	30°	-

Outdoors RT 1400

Height	Angle support legs	Ballast
2,2 - 6,2 m	30°	-
8,2 m	30°	20 kg

Outdoors RT 1400XR

Height	Angle support legs	Ballast
2,2 - 6,2 m	35°	-
8,2 m	50°	80 kg

RT 750 & RT 750XR

Inomhus

Height	Angle support legs	Ballast
2,2 m - 12,2 m	30°	-

Outdoors RT 750

Height	Angle support legs	Ballast
2,2 - 6,2 m	30°	-
8,2 m	30°	40 kg

Outdoors RT 750XR

Height	Angle support legs	Ballast
2,2 - 6,2 m	30°	-
8,2 m	50°	180 kg

ST 1400

Indoors

Height	Angle support legs	Ballast
2,2 m - 12,2 m	30°	-

Outdoors

Height	Angle support legs	Ballast
2,2 - 6,2 m	50°	-
8,2 m	50°	140 kg

FT 750 & FT 750XR

Indoors & Outdoors

Height	Angle support legs	Ballast
1,8 - 5,8 m	30°	-

In Sweden a higher safety level is required and therefor the scaffolding is sold with extra safety equipment in the form of ladders, horizontal bracing and extra platforms, those packages are called XR-scaffolding. If you don't have XR-scaffolding you can disregard the information that concerns XR-scaffolding.

Ballast

In some heights, it is necessary to add ballast weights to the scaffolding to achieve adequate stability. Consult the table to see when ballast is required. The ballast weights should be appropriately placed on the lowest horizontal frame rungs.

Note! Support legs, Outriggers and ballast should be used whenever they are needed!

XR-scaffolding

In Sweden a higher safety level is required and therefore the scaffolding is sold with extra safety equipment in the form of ladders, horizontal bracing and extra platforms, those packages are called XR-scaffolding. If you don't have XR-scaffolding you can disregard the information that concerns XR-scaffolding.

In order to follow the local regulation in Finland the scaffolding needs to be equipped with ladders, but not with extra horizontal bracing and platforms.



Leaning ladders

To simplify access to the upper platform level, Scaffolding can be equipped with ladders so you don't have to climb the rungs of the frames. In Sweden the AFS 2013:4 states that ladders or stairs must be used for access if the highest platform is placed higher than 2,5 meters above ground.

W.steps can offer both a ladder and a step ladder that can be used between platforms and a base-ladder for accessing the bottom platform. (A special base-ladder is required since ladders according to EN 1004 are not allowed to rest on the ground). The base-ladder is available in two versions, one for the RT-models and a slightly shorter one for the FT-model.

Assembly

In order for the ladder to fit the distance between two platforms must be 2 meters. If an inclined ladder shall be used between the two platform level, these two platforms must be placed with each hatch facing in opposite directions in the scaffolding. If the hatches are placed above each other the ladder will stand on the hatch of the lower platform.

Leaning step ladder and base-ladders should be placed with the top hooks on the first frame rung below the platform. Lock the locks on both the top and bottom hooks.

The leaning ladder should be attached on the same frame rung as the platform. First lift the platform off the rung, lift the ladder in place on the same rung as the platform, then lower the platform back in place. The ladder should lean between 60 and 75 degrees compared to the horizontal plane. Make sure that the ladder is properly attached.



SCAFFOLDING PACKAGE / PARTS LIST

Art. no.	Designation	Weight (kg)	RT 1400						RT 750						ST 1400						FT 750			
			2,2 m	4,2 m	6,2 m	8,2 m	10,2 m	12,2 m	2,2 m	4,2 m	6,2 m	8,2 m	10,2 m	12,2 m	2,2 m	4,2 m	6,2 m	8,2 m	10,2 m	12,2 m	1,8 m	1,8 m incl. guard rails & stabilizer.	3,8 m	5,8 m
839020	WHEEL 200MM, ST RT	5,8	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
839019	STABILISER TELESCOPIC	5,1	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
839044	WALKWAY FRAME, ST	8,9													1	1	1	1	1	1				
839040	FRAME 1400x2000, ST RT	10,4	2	4	6	8	10	12							1	3	5	7	9	11				
839041	FRAME 1400x1000, ST RT	5,5	2	2	2	2	2	2							2	2	2	2	2	2				
839042	FRAME 750x2000, RT FT	3,8							2	4	6	8	10	12									2	4
839043	FRAME 750x1000, RT FT	7,0							2	2	2	2	2	2								2	2	2
839050	HORIZONTAL BRACE, ST RT	2,4	6	8 +2*	10 +4*	12 +6*	14 +8*	16 +10*	6	8 +2*	10 +4*	12 +6*	14 +8*	16 +10*	6	8	10	12	14	16				
839051	DIAGONAL BRACE, ST RT	2,6	4	8	12	16	20	24	2	4	6	8	10	12	2	4	6	8	10	12				
839038	GUARD RAIL, ST	3,0													2	4	6	8	10	12				
839048	STAIRS, ST	20,1													1	2	3	4	5	6				
839541	BASELADDER, RT	7,6		1*	1*	1*	1*	1*		1*	1*	1*	1*	1*										
839540	LEANING STEPLADDER	5,5		1*	2*	3*	4*	5*		1*	2*	3*	4*	5*								1*	2*	
839046	PLATFORM, HATCH, RT	16,7	1	2	3	4	5	6	1	2	3	4	5	6										
839045	PLATFORM, LARGE HATCH, ST	15,6													1	1	1	1	1	1				
839047	PLATFORM, NO HATCH, ST RT	16,4	1	1 +1*	1 +2*	1 +3*	1 +4*	1 +5*							1	2	3	4	5	6				
839490	TOE BOARD NARROW SHRT SIDE, 750	1,8							2	2	2	2	2	2								2	2	2
839493	TOE BOARD WIDE SHRT SIDE, 1400	2,8	2	2	2	2	2	2							2	2	2	2	2	2				
839492	TOE BOARD LNG SIDE 2,4, ST RT	4,9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2				
817517**	BASE PACK, FT-750	39,1																			1	1	1	1
839080	HORIZONTAL BRACE, FT-750	2,0																				5	7 +2*	9 +4*
839081	DIAGONAL BRACE, FT-750	2,2																				2	4	6
839542	BASELADDER, FT-750	6,3																				1*	1*	
839090	PLATFORM, HATCH, FT-750	12,7																				1	1	2
839496	TOE BOARD LNG SIDE 1,7, FT-750	3,5																				2	2	2

* The components are only included in the packages RT 1400XR, RT 750XR or FT 750XR which are primarily sold in Sweden where higher safety standards are required.

** 817517 consists of a foldable frame, 4 wheels (839078) and a platform with hatch, FT 750 (839090).

RT 1400 & RT 1400XR

Indoors: max. platform height: 12.2 m, max. working height: 14.2 m

Outdoors: max. platform height: 8.2 m, max. working height: 10.2 m

XR-SCAFFOLDING

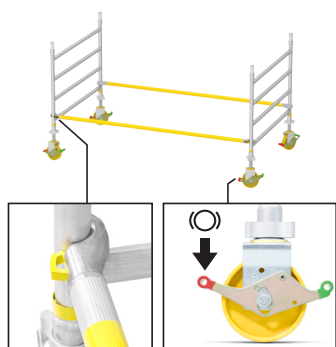
In Sweden a higher safety level is required and therefore the scaffolding is sold with extra safety equipment in the form of ladders, horizontal bracing and extra platforms, those packages are called XR-scaffolding.

If you don't have XR-scaffolding you can disregard the information that concerns XR-scaffolding.

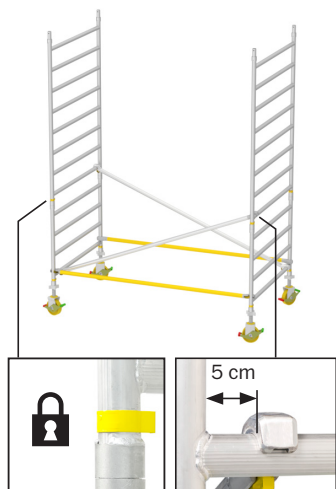
In order to follow the local regulation in Finland the scaffolding needs to be equipped with ladders, but not with extra horizontal bracing and platforms.

ASSEMBLY

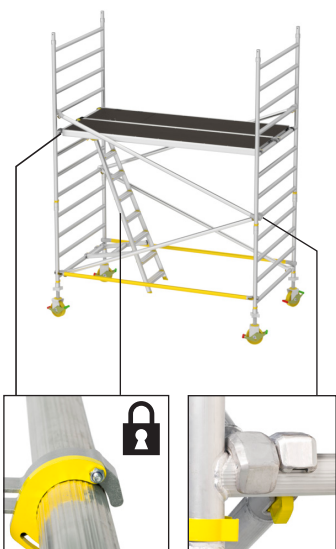
Check the number of components for the current height, see the parts list on page 9.



- 1 Attach the four wheels to the two 1 metre frames.
Lock the wheels
See fact box about wheels page 6.
- 2 Attach a horizontal brace (yellow) in the 1 metre frame's vertical part, just above the lower frame rung then attach the same horizontal brace to the opposing frame.
- 3 Attach the next horizontal brace to the other long side.
Make sure that the scaffolding does not lean but is standing straight.



- 4 Lift a 2 metre frame onto one of the bottom frames.
Lock the frame locks.
- 5 Attach a diagonal brace (metal coloured).
Start from the bottom frame rung, about 5 centimetres in from the edge so another brace can fit on the outside.
- 6 Lift another 2 metre frame onto the other bottom frame'.
Lock the frame locks.
- 7 Attach a diagonal brace (metal coloured).
The brace should be placed on the opposite side and turned in the other direction compared to the first one. Viewed from the side, the two diagonal braces form a cross.



- 8 Place a platform, with hatch, on the 8:th rung from the bottom.
Lock the platform locks.
If you have difficulty reaching, you can temporarily place a platform on the first frame rungs.
- 9 If you are building XR-scaffolding place a platform without a hatch besides the first platform.
Lock the platform locks.
- 10 Attach an additional 2 diagonal braces, one on each side above the other diagonal braces.
- 11 If you are building XR-scaffolding: Attach a base-ladder under the hatch of the platform (In Sweden the base-ladder can be excluded if the highest platform of the scaffolding is not placed higher than 2,5 meters).
Attach the top hooks on the first frame rung under the platform.
Lock the locks by the hooks.



- 12 Support legs are fitted before climbing onto the platform (may be telescopic depending on the platform height). See fact box page 7.
- 13 Climb on the inside of the scaffolding, through the hatch and sit down in the hatch opening.
From this position, install 2 horizontal braces (yellow) on the 4:th frame rung above the platform.
If you can't reach to place them all the way out you can move them later after they have been fitted.
- 14 If you are building XR-scaffolding; attach an additional 2 horizontal braces on the second frame rung above the platform.

If 2,2 m is your final height skip to step 22.

If you want to build higher continue with the next step.



- 15 Attach 2 additional 2-meter frames.
- 16 Attach 4 diagonal braces.
- 17 If you are building XR-scaffolding; attach a ladder.
Attach the top hooks on the 7:th frame rung above the platform.
Lock the locks by the hooks.



- 18 Place a platform on the 8:th frame rung above the previous platform.
Lock the platform locks.
- 19 If you are building XR-scaffolding place a platform without a hatch besides the first platform.
Lock the platform locks.
- 20 Climb on the inside of the scaffolding, through the hatch and sit down in the hatch opening.
From this position, install 2 horizontal braces (yellow) on the 4:th frame rung above the platform.
If you can't reach to place them all the way out you can move them later after they have been fitted.
- 21 If you are building XR-scaffolding; attach an additional 2 horizontal braces on the second frame rung above the platform.

Repeat steps 15-21 if you want to build higher.

Otherwise continue with the next step.



- 22 Attach another 2 horizontal braces on the second frame rung above the platform. You can skip this step if you are building XR-scaffolding since the braces are already fitted in that case.
- 23 Place a platform without a hatch next to the other one. You can skip this step if you are building XR-scaffolding since the platform is already fitted in that case.
Lock the platform locks.
- 24 Install the kick board. Begin by setting up the short sides. Then slide the sides through the metal brackets on each short side.

The scaffolding is now complete.

Always climb up the inside of the scaffolding, never on the outside. See fact box for inclined ladder.

Never reach too far out when working from the scaffolding.

DISMANTLING

Steps 1-24 in reverse order.

The scaffolding is now dismantled.

Take care when handling and during transport to ensure that the parts are not damaged.

TIPS AND TRICKS

If a platform or brace presents an obstacle at any level, simply move the component one step for better accessibility.

RT 750 & RT 750XR

Indoors: max. platform height: 12.2 m, max. working height: 14.2 m

Outdoors: max. platform height: 8.2 m, max. working height: 10.2 m

XR-SCAFFOLDING

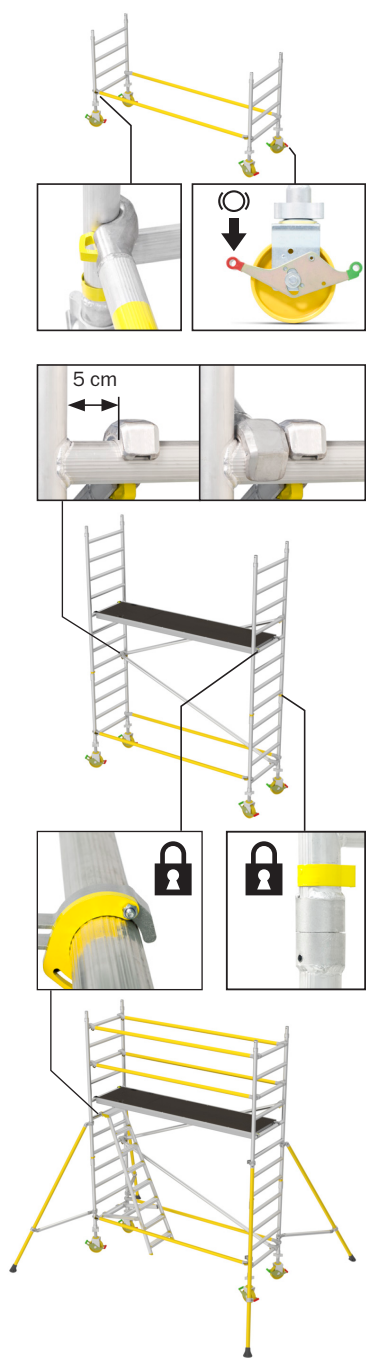
In Sweden a higher safety level is required and therefore the scaffolding is sold with extra safety equipment in the form of ladders and horizontal bracing, those packages are called XR-scaffolding.

If you don't have XR-scaffolding you can disregard the information that concerns XR-scaffolding.

In order to follow the local regulation in Finland the scaffolding needs to be equipped with ladders, but not with extra horizontal bracing and platforms.

ASSEMBLY

Check the number of components for the current height, see the parts list on page 9.

- 
- 1 Attach the four wheels to the two 1 metre frames.
Lock the wheels
See fact box about wheels page 6.
 - 2 Attach a horizontal brace (yellow) in the 1 metre frame's vertical part, just above the lower frame rung then attach the same horizontal brace to the opposing frame.
 - 3 Attach the next horizontal brace to the other long side.
Make sure that the scaffolding does not lean but is standing straight.
 - 4 Lift a 2 metre frame onto one of the bottom frames.
Lock the frame locks.
 - 5 Attach a diagonal brace (metal coloured).
Start from the bottom frame rung, about 5 centimetres in from the edge so another brace can fit on the outside.
 - 6 Lift another 2 metre frame onto the other bottom frame'.
Lock the frame locks.
 - 7 Attach a diagonal brace (metal coloured) on the same side as the first one. Start at the same rung as the first one and attach it 4 rungs up on the opposite side.
 - 8 Place a platform, with hatch, on the 8:th rung from the bottom.
Lock the platform locks.
If you have difficulty reaching, you can temporarily place a platform on the first frame rungs.
 - 9 If you are building XR-scaffolding; Attach a base-ladder under the hatch of the platform (In Sweden the base-ladder can be excluded if the highest platform of the scaffolding is not placed higher than 2,5 meters).
Lock the locks by the hooks.
 - 10 Support legs are fitted before climbing onto the platform (may be telescopic depending on the platform height). See fact box page 7.
 - 11 Climb on the inside of the scaffolding, through the hatch and sit down in the hatch opening.
From this position, install 2 horizontal braces (yellow) on the 4:th frame rung above the platform.
 - 12 If you are building XR-scaffolding; attach an additional 2 horizontal braces on the second frame rung above the platform.

If 2,2 m is your final height skip to step 19.

If you want to build higher continue with the next step.



- 13 Attach 2 additional 2-meter frames.
- 14 Attach two diagonal braces
- 15 If you are building XR-scaffolding; attach a ladder.
Attach the top hooks on the 7:th frame rung above the platform.
Lock the locks by the hooks.



- 16 Place a platform on the 8:th frame rung above the previous platform.
- 17 Climb on the inside of the scaffolding, through the hatch and sit down in the hatch opening.
From this position, install 2 horizontal braces (yellow) on the 4:th frame rung above the platform.
- 18 If you are building XR-scaffolding; attach an additional 2 horizontal braces on the second frame rung above the platform.

Repeat step 13-18 if you want to build higher.

Otherwise continue with the next step.



- 19 Attach another 2 horizontal braces on the second frame rung above the platform. You can skip this step if you are building XR-scaffolding since the braces are already fitted in that case.
- 20 Install the kick board. Begin by setting up the short sides. Then slide the sides through the metal brackets on each short side.

THE SCAFFOLDING IS NOW COMPLETE.

Always climb up the inside of the scaffolding, never on the outside. See fact box for inclined ladder.

Never reach too far out when working from the scaffolding.

DISMANTLING

Step 1-20 in reverse order.

The scaffolding is now dismantled.

Take care when handling and during transport to ensure that the parts are not damaged.

TIPS AND TRICKS

If a platform or brace presents an obstacle at any level, simply move the component one step for better accessibility.

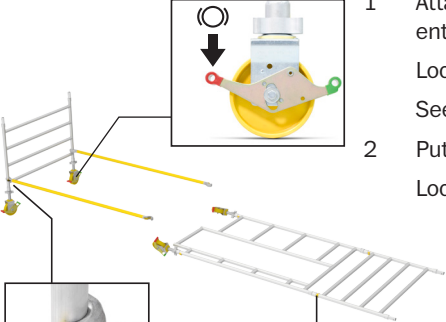
ST 1400

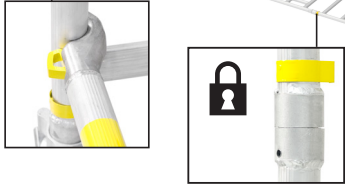
Indoors: max. platform height: 12.2 m, max. working height: 14.2 m

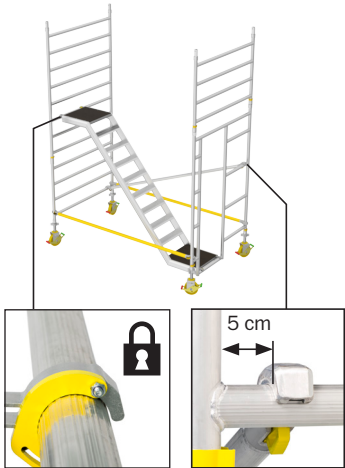
Outdoors: max. platform height: 8.2 m, max. working height: 10.2 m

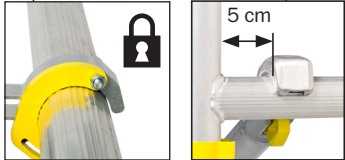
ASSEMBLY

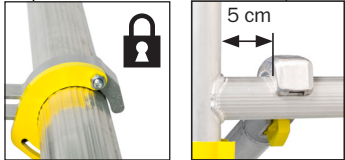
Check the number of components for the current height, see the parts list on page 9.

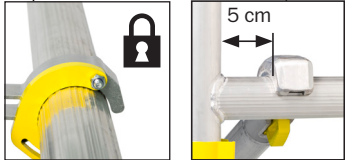
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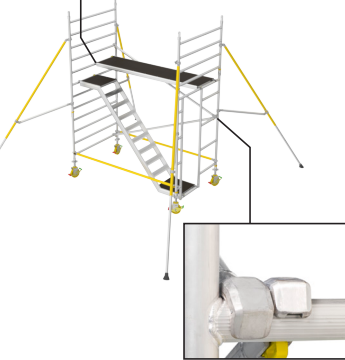
1 Attach the four wheels on a 1-meter frame and the 2-meter frame with the opening, the entry level frame.
Lock the wheels
See fact box about wheels page 6.
- 

2 Put the entry level frame on the ground and attach a 1-meter frame.
Lock the frame locks.
- 

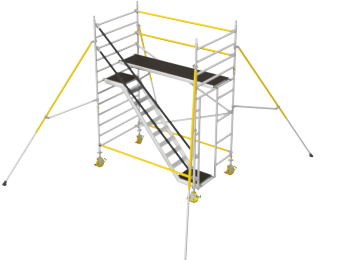
3 Attach 2 horizontal braces (yellow) in the 1 metre frame's vertical part, just above the lower frame rung.
Erect the entry level frame and attach it to the horizontal braces on the opposite frame.
Note that the opening should be to the left viewed from the outside
Make sure that the scaffolding does not lean but is standing straight.
- 

4 Attach a diagonal brace (metal coloured) on the 1-meter frame.
Start from the bottom frame rung, about 5 centimetres in from the edge so another brace can fit on the outside.
- 

5 Attach a 2-meter frame on the 1-meter frame.
Lock the frame locks.
- 

6 Attach the stairs on the bottom rung of the entry level frame and the seventh frame rung on the opposite frame.
Lock the locks by the hooks.
- 

7 Place a platform next to the stair, one rung above.
Lock the platform locks.
- 

8 Attach a diagonal brace (metal coloured) on the same side as the first one. Start at the same rung as the first one and attach it 4 rungs up on the opposite side.
- 

9 Support legs are fitted before climbing onto the platform (may be telescopic depending on the platform height). See fact box page 7.
- 10 Attach the two hand rails (black) on the outside of the stairs.
- 11 Sitting on the platform, attach two horizontal braces (yellow) on the outside of the platform on the 2:nd and 4:th frame rung above the platform.

If 2,2 m is your final height skip to step 19.

If you want to build higher continue with the next step.



- 12 Go up the stairs and place a 2-meter frame on the side opposite the entrance.
Lock the frame locks.
- 13 Place a stair. The lower platform of the stair should be on the same height as the platform next to it.
Lock the locks by the hooks.
- 14 Attach the two hand rails (black) on the outside of the stairs.
- 15 Attach a 2-meter frame on the entrance side.



- 16 Attach two diagonal braces above the previous.
- 17 Place a platform next to the stair, one rung above.
Lock the locks by the hooks.
- 18 Sitting on the platform, attach two horizontal braces (yellow) on the outside of the platform on the 2:nd and 4:th frame rung above the platform.

Repeat step 12-18 if you want to build higher.

Otherwise continue with the next step.



- 19 Place a the platform with the large hatch above the stair.
Lock the locks by the hooks.
- 20 Climb on the inside of the scaffolding, through the hatch and sit down in the hatch opening.
Sitting on the platform, attach two horizontal braces (yellow) on the outside of the platform on the 2:nd and 4:th frame rung above the platform.
- 21 Install the kick board. Begin by setting up the short sides. Then slide the sides through the metal brackets on each short side.
If a toe board needs to be placed at a lower level a short toe board (839490) should be used so that it doesn't hang over the stair.

The scaffolding is now complete.

Always climb up the inside of the scaffolding, never on the outside. See fact box for inclined ladder.

Never reach too far out when working from the scaffolding.

DISMANTLING

Step 1-21 in reverse order.

The scaffolding is now dismantled.

Take care when handling and during transport to ensure that the parts are not damaged.

FT 750 & FT 750XR

Indoors/outdoors: max. platform height: 5.8 m, max. working height: 7.8 m

XR-SCAFFOLDING

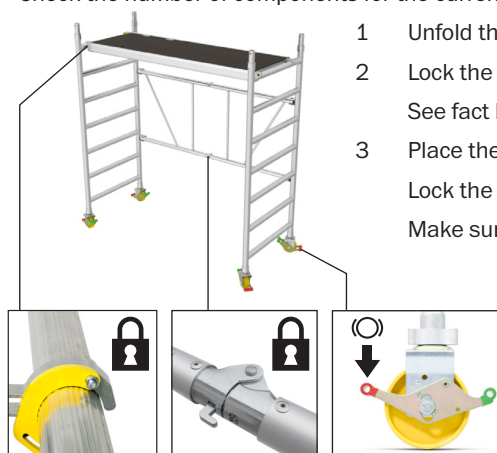
In Sweden a higher safety level is required and therefore the scaffolding is sold with extra safety equipment in the form of ladders and horizontal bracing, those packages are called XR-scaffolding.

If you don't have XR-scaffolding you can disregard the information that concerns XR-scaffolding.

In order to follow the local regulation in Finland the scaffolding needs to be equipped with ladders, but not with extra horizontal bracing and platforms.

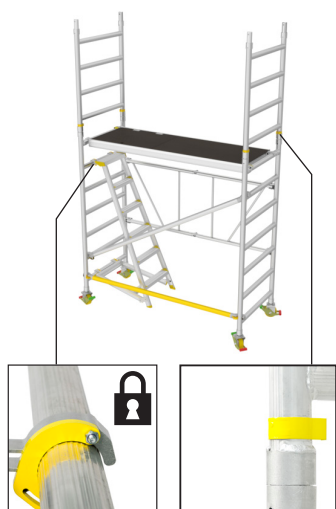
ASSEMBLY

Check the number of components for the current height, see the parts list on page 9.



- 1 Unfold the frame and make sure it locks securely in the open position.
- 2 Lock the wheels
See fact box about wheels page 6.
- 3 Place the platform on the desired height.
Lock the platform locks.
Make sure that the scaffolding does not lean but is standing straight.

The scaffolding is now finished unless you would like to build higher or want to add guard rails. Continue with the next step if you want to build higher.



- 4 If you are building XR-scaffolding; Attach a base-ladder under the hatch of the platform (In Sweden the base-ladder can be excluded if the highest platform of the scaffolding is not placed higher than 2,5 meters).
Attach the top hooks on the first frame rung under the platform.
Lock the locks by the hooks.
- 5 Attach a horizontal brace (yellow) in the 1 metre frame's vertical part, just above the lower frame rung then attach the same horizontal brace to the opposing frame.
Place the brace on the opposite side of the folding section.
- 6 Attach a diagonal brace (metal coloured).
Place the brace on the opposite side of the folding section.
- 7 Attach two 1-meter frames.
Lock the frame locks.



- 8 Support legs are fitted before climbing onto the platform (may be telescopic depending on the platform height). See fact box page 7.
- 9 Attach a diagonal brace (metal coloured).
The diagonal braces should be placed on alternating sides of the scaffolding in a zigzag pattern. The lower claw is attached to the second highest frame rung of the foldable frame.
- 10 Climb on the inside of the scaffolding, through the hatch and sit down in the hatch opening.
From this position, install 2 horizontal braces (yellow) on the 4:th frame rung above the platform.
- 11 If you are building XR-scaffolding; attach an additional 2 horizontal braces on the second frame rung above the platform.

If 1,8 m is your final height skip to step 19.

If you want to build higher continue with the next step.



- 12 Attach 2 additional 2-meter frames.
- 13 Attach a diagonal brace (metal coloured).
- 14 If you are building XR-scaffolding; attach a ladder.
Attach the top hooks on the 7:th frame rung above the platform.
Lock the locks by the hooks.



- 15 Place a platform on the 8:th frame rung above the previous platform.
Lock the platform locks.
- 16 Climb on the inside of the scaffolding, through the hatch and sit down in the hatch opening.
From this position, install 2 horizontal braces (yellow) on the 4:th frame rung above the platform.
- 17 If you are building XR-scaffolding; attach an additional 2 horizontal braces on the second frame rung above the platform.
- 18 Attach a diagonal brace (metal coloured).
Continue to place the diagonal braces in a zigzag pattern on alternating sides.

Repeat step 12-18 if you want to build higher.

Otherwise continue with the next step.



- 19 Attach another 2 horizontal braces on the second frame rung above the platform. You can skip this step if you are building XR-scaffolding since the braces are already fitted in that case.
- 20 Install the kick board. Begin by setting up the short sides. Then slide the sides through the metal brackets on each short side.

The scaffolding is now complete.

Always climb up the inside of the scaffolding, never on the outside. See fact box for inclined ladder.

Never reach too far out when working from the scaffolding.

DISMANTLING

Step 1-20 in reverse order.

The scaffolding is now dismantled.

Take care when handling and during transport to ensure that the parts are not damaged.

TIPS AND TRICKS

If a platform or brace presents an obstacle at any level, simply move the component one step for better accessibility.

BUILDING WITH OTHER PLATFORM HEIGHTS

It is possible to construct the scaffolding in configurations other than those detailed above. If necessary, the platforms can be placed at other heights than described in the detailed description above to enable access to a specific working area. In this instance, it is possible that one diagonal brace must be moved up or down to prevent a collision with a platform.

Below you can find a few factors that are important to keep in mind if you need to move components in order to gain better access.

Bracing

It is important not to lower the total number of horizontal and diagonal braces.

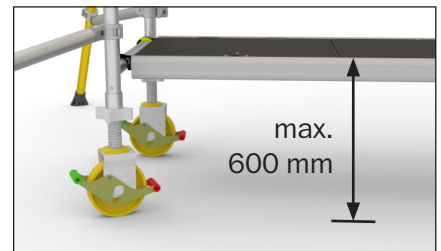
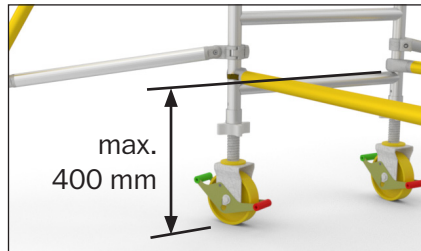
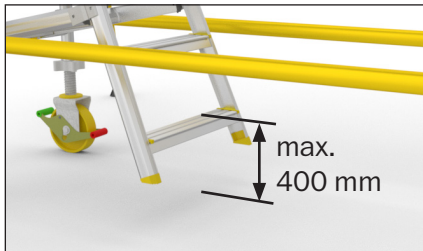
Guard rails on the top platform level

The frames must continue at least 1 meter (4 rungs) above the top platform so that 2 horizontal braces can be placed as guard rails on each side of the platform.



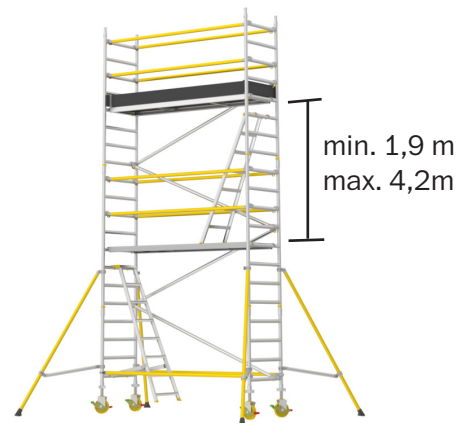
Means of access

According to EN 1004 the maximum distance from the ground to the first step is 400 mm if you climb on the frame or a ladder. If the first “step” is a platform the maximum distance is 600 mm.



Clear height between platforms

The distance between platforms should, according to EN 1004, be minimum 1,9 meters. When using the frame or leaning ladder as means of access, the maximum distance is 4,2 meters but the distance must also be adapted to fit the height of the ladder.



RT- and FT-models

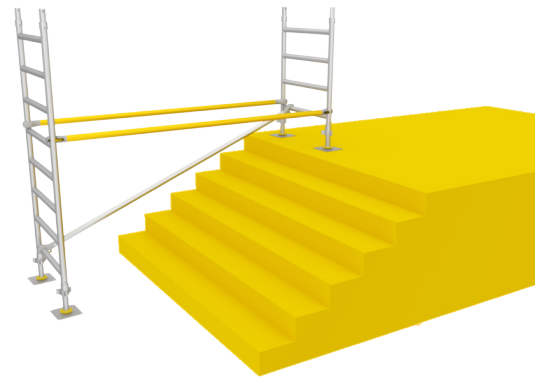
On the RT- and the FT-models it is possible to move the platforms down to the height of your choice. This possibility is however limited if stairs or ladders are required from the ground and up to the first platform. In that case there are two alternatives:

- The first platform can be placed at a height under 600 mm and then you don't need a ladder.
- The first platform can be placed at a height where a base-ladder can be used.

Other configurations / Scaffolding in a staircase

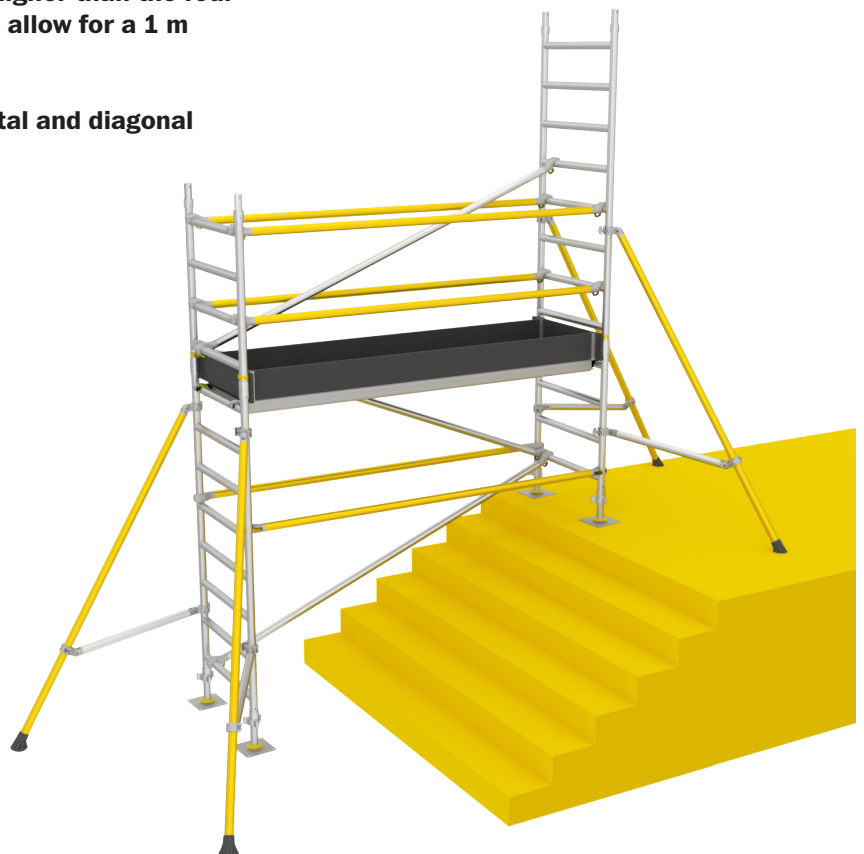
By moving the side frames, it is possible to build the scaffolding in a stairway or at different heights.

1. First, carefully study the detailed description for the standard configuration so that you are familiar with the various steps.
2. When constructing scaffolding in a stairway, it is recommended to start with a 2 m frame on the bottom level to give the scaffolding stability. Attach the wheels to the frame and lock the wheels.
3. Attach the lower horizontal brace (double) to the lowest possible frame rung.
4. Adjust the height of either the upper or lower pair of wheels to ensure that the scaffolding is level.
5. Attach a diagonal brace as far down as possible. When using an RT-1400, attach two diagonal braces as far down as possible facing in the same direction.
6. Continue to build the scaffolding upwards, following the normal assembly instructions as much as possible.
7. It is important to meet the requirements for bracing and stability stated in the normal assembly instructions for each model. If the assembly instructions require four support legs, these must be used even for scaffolding in a stairway.
8. Install double guardrails and kick boards on the top level of the scaffolding.



NOTE. The top platform must never be fitted higher than the four remaining frame rungs on each side frame to allow for a 1 m guardrail.

Note! It is important that none of the horizontal and diagonal braces are removed.



CHECKLISTS

BEFORE BUILDING

- Create a plan for erecting, using and dismantling the scaffolding.
- Ensure there is a person responsible for the work environment and the condition of the scaffolding.
- Ensure that the scaffolding builders have the necessary training.
- Ensure that the scaffolding model is appropriate for the intended use.
- Check that all necessary components are available and that they are not damaged or defect.
- Check that the weather is appropriate for building and using scaffolding.
- Check that the ground has enough weight bearing capacity for the scaffolding and its payload.
- If necessary, close of the area.

DURING BUILDING

- Follow the assembly instructions.
- Prepare the ground well.
- When planning the construction, use the height you want the top platform on, as a starting point.
- Ensure that the scaffolding is level when assembly has started.
- Lock all locking devices.
- Sit down in the hatch opening when you mount the guard rails. Never stand on a platform before the guard rails are mounted.
- Also see the checklist "during use".

AFTER BUILDING

The scaffolding builder and user should inspect the scaffolding after it has been assembled.

- Check the ground's weight bearing capacity.
- Check that the scaffolding is level.
- The distance between the scaffolding and the wall should be as small as possible.
- Make sure that all means of access are safe.
- Check that the following components are mounted according to the assembly instructions, are not damaged and that all locking devices are locked:
 - Wheel/footplate
 - Ballast
 - Support legs
 - frames (locked?)
 - Braces
 - Guard rails
 - Hand rails
 - Means of access (locked?)
 - Platforms (locked?)
 - Toe boards

The following should be handed over to the user of the scaffolding:

- Plan for erecting, using and dismantling the scaffolding.
- Dimensioning documents (Available in W.steps type approvals and assembly instructions).
- Documentation of the inspection that should be performed after building the scaffolding.
- Information about snow clearance.
- Assembly instructions.

EVERY DAY BEFORE USE

- Check that the support legs are properly mounted.
- Check that no one has altered the scaffolding and that no damages has occurred.
- Monitor the grounds weight carrying capacity, especially at spring thaw or heavy rains.
- Monitor changes in winds and other environmental factors that can affect the scaffolding.

DURING USE

- Wheels must be locked accept when the scaffolding is moved.
- Do not exceed the maximum load of the scaffolding.
- Hatches should be closed when not in use.
- It is only permitted to put loads on one platform at a time.
- Always climb on the inside of the scaffolding.
- Never reach too far out when working from the scaffolding.
- Do not apply larger side forces than the scaffolding is dimensioned for.
- Monitor the grounds weight carrying capacity, especially at spring thaw or heavy rains.
- Monitor changes in winds and other environmental factors that can affect the scaffolding.