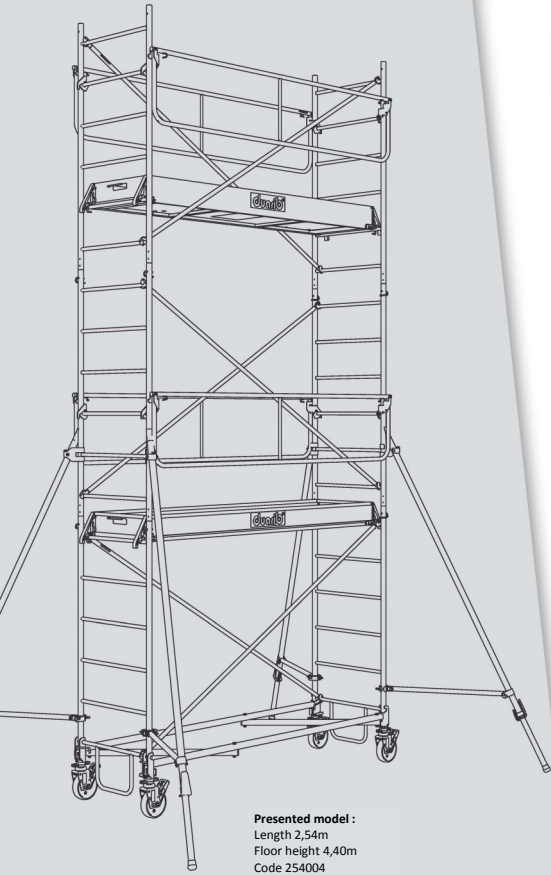


# ROLLSTAR<sup>2</sup>

## SERIES

# ASSEMBLY, DISASSEMBLY, AND USER INSTRUCTIONS

Instruction manual EN 1298-IM-fr



Presented model :  
Length 2,54m  
Floor height 4,40m  
Code 254004



#### HEAD OFFICE

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FABRICATION FRANÇAISE



Compliant with NF norm EN 1004  
Compliant with 01/09/04 decree



[www.duarib.fr](http://www.duarib.fr)

## Table of content

Summary / Norm description _____	Page 2
Specifications _____	Page 3
Safety instructions _____	Page 4
Maintenance and servicing _____	Page 5
« Rollstar 2 » 2,05m presentation _____	Page 6
« Rollstar 2 » 2,54m presentation _____	Page 8
« Rollstar 2 » 2,95m presentation _____	Page 10
Assembly instructions _____	Page 12
Wind-bracing rules _____	Page 19
Work height modification _____	Page 20
Disassembly instructions _____	Page 21
Special cases _____	Page 23
Assembly on difference in height _____	Page 24
Storage and transport _____	Page 24

### Norm description:



Norm reference

Load class spread evenly

Maximum height for outdoor/indoor use\*

Acces type

Note : this label is stuck on the uprights of the base ladders

\*the scaffolding is not subject to the wind

## Specifications:

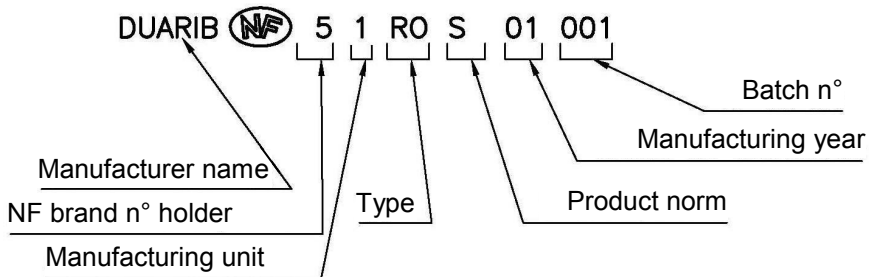
- Galvanized steel structure
- Aluminum floor structure and nonslip CTBX wood surface
- Ø200 Brake wheel with service load of 500kg maximum
- Wheel adjustment on 20 cm.
- Safe assembly of all the elements that can be set up by one person, no matter the heights.

## Maximum reactions to support according to calculation notes:

Check that the type of ground and the anchoring support are compatible with the stress it will require.

Support reactions in daN ≈ Kg		ROLLSTAR 2 2,05 m	ROLLSTAR 2 2,54 m	ROLLSTAR 2 2,95 m
Indoor assembly with a 11,6m floor height	Maximum effort on the wheel with the most important load	330	334	341
	Maximum effort on the stabilizer with the most important load	69	75	76
Outdoor assembly with a 8m floor height	Maximum effort on the wheel with the most important load	277	305	325
	Maximum effort on the stabilizer with the most important load	141	134	141
	Head anchoring	40	40	40

## Marking code description:

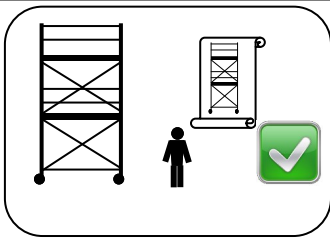


## Floor height limit:

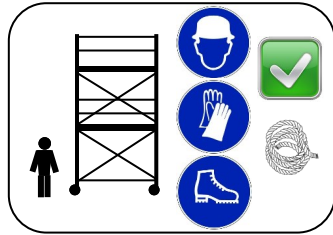
According to NF EN 1004

Floor height in use and when rolling (outdoor)	8,0 m
Floor height in use and when rolling (indoor)	11,6 m
Minimum floor height (indoor / outdoor)	2,6 m

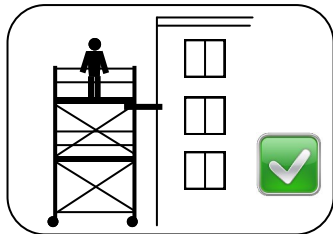
# Safety measures



- Any operation must be performed by a qualified staff member following the order described in this user manual, the labour legislation and the current laws, particularly the decree dating from December 21st 2004, dealing with scaffolding controls as well as the decree dating from September 1st 2004, dealing with scaffolding use.
- Only use DUARIB-made pieces referenced in the nomenclature and that are in good condition.
- For any use not described in the user guide, please contact the manufacturer.
- For any operation, please check the tightening of the stabilizers and that the wheels are locked.
- Check that all the pieces are pinned and that security features are locked.
- Follow the assembly order described in this user guide to the letter.



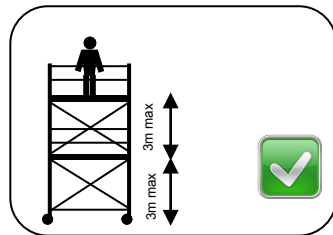
- Wearing **Personal Protective Equipment** is mandatory for any operation.
- Elements can be lifted up by any appropriate means (like a rope).
- Note that using a post and braces or a winch is forbidden.



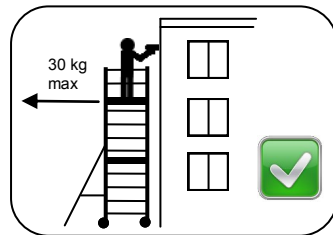
- You can anchor the scaffolding to a building or any other surface that can bear the stress.
- Anchor the scaffolding on the top part at the end of each operation or disassemble it.



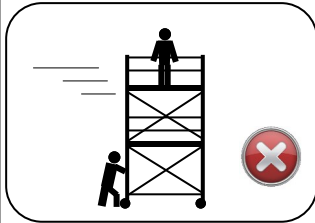
- In case you need to anchor, make sure the structure is resistant enough (cf. table on page 5 about maximum stress to support).



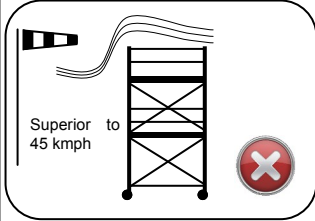
- According to the current regulation, the space between two floors cannot exceed 3 m.



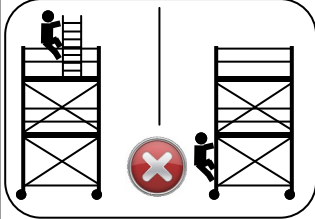
- The operator must not exert a horizontal pressure superior to 30 kg.



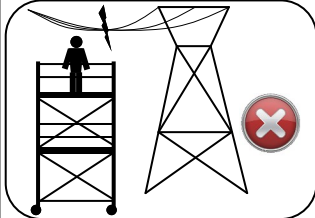
- All 4 wheels must always touch the ground in order to support the working load and the structure's own weight. (maximum load on one wheel: 500 kg)
- Check that the wheels and the stabilizers are not on a loose ground, otherwise you must extend the supports' surface with wedges (cf. table on page 5 about maximum reactions to support)
- The scaffolding can only be manually moved on solid ground and free of any obstacles (for a loose ground, plan a roll out walkway), personnel or tools, with the space between stabilizers and the ground not exceeding ~3cm.
- It is forbidden to move a rolling scaffolding on a ground that has a slope exceeding 3%.



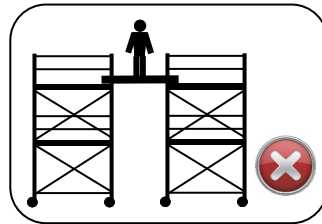
- Do not assemble, use or move the scaffolding if the wind speed exceeds 45 kmph.
- The scaffolding must be secured if the wind is superior to 45 kmph, either by anchoring it or disassembling it.
- Beware of turbulences when near the angle of a building or under a porch.



- It is strictly forbidden to extend the work height over the one mentioned in this user guide.
- It is forbidden to set up a ladder or any other accessory on the floor to extend the work height.
- It is forbidden to modify the rolling scaffolding's structure by adding post and braces, a winch or any other structure.
- It is forbidden to add canvas sheets or nets.
- Adjusting the wheels is only used to make up for the floors' split levels.
- Only go up or down the scaffolding through the trapdoors in the floors.

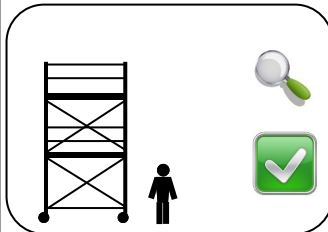


- Make sure the work area is far from any bare conductive plugged-in material, i.e. 3m plus the length of the handled piece if the tension is below 50000 volts, or 5m plus the length of the handled piece if the tension is over 50000 volts.



- It is forbidden to jump on floors.
- It is forbidden to draw a bridge between a rolling scaffolding and a building or any other fixed or mobile structure.
- It is forbidden to use planks as a floor.

## Maintenance and servicing:




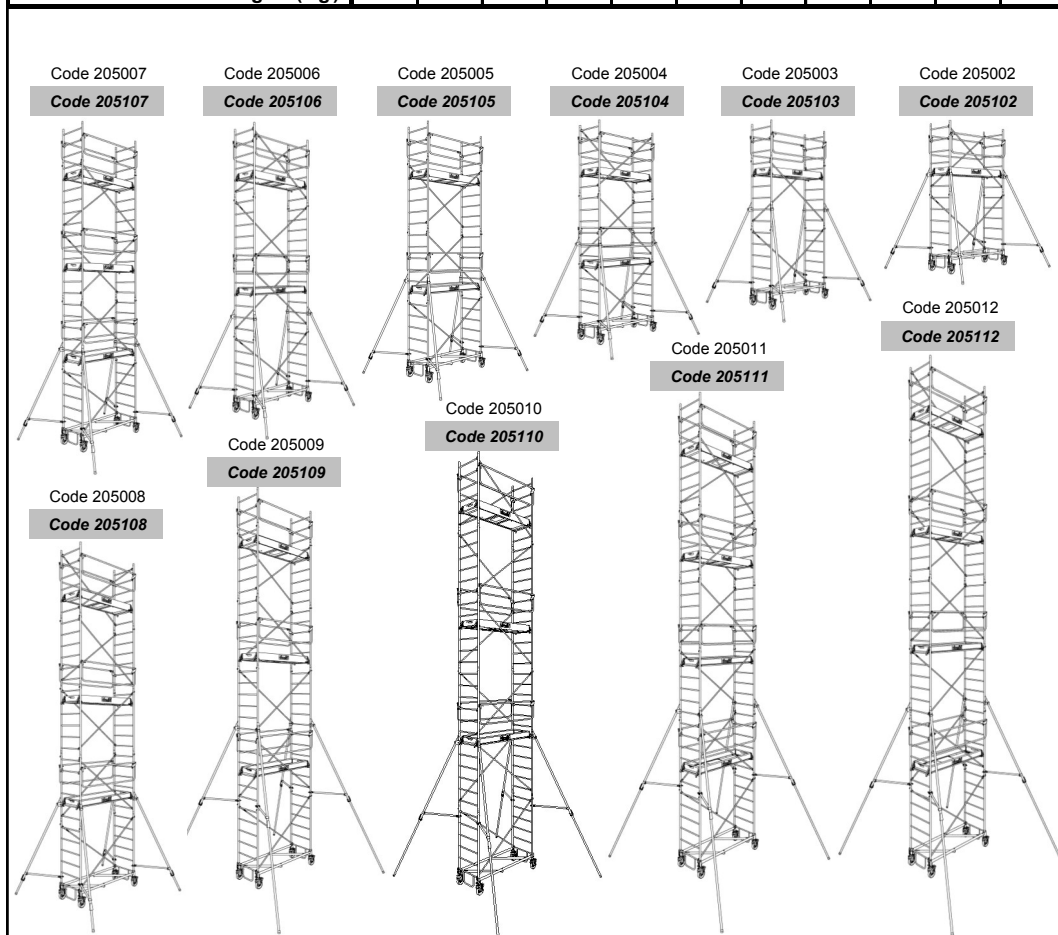
Before any operation, you must check the pieces of the scaffolding to see if any could be defective. You must make sure that:

- Stabilizers and wheels as well as their brakes work as intended.
- Ladder rungs are clean so they remain nonslip.
- The plywood and the trapdoors of the floor as well as the hooks are in good conditions.
- Stickers can be easily read.
- Pieces fit together and that they are visually in good shape.
- Pins and all lock mechanisms (base body, diagonal braces, floors, safety rails) as well as rail hooks work properly.
- If need be and if in doubt, change the faulty piece with a DUARIB replacement.

The person in charge of the scaffolding is responsible for the checklist before any assembly, as well as daily and quarterly inspections. He must be able to provide these inspections and their results should the need arises.


# ROLLSTAR 2,05M WITH SCREW SHAFT WHEELS

 <b>Product code</b>			205102	205103	205104	205105	205106	205107	205108	205109	205110	205111	205112
Floor height (m)			2.6	3.5	4.4	5.3	6.2	7.1	8	8.9	9.8	10.7	11.6
Work height (m)			4.6	5.5	6.4	7.3	8.2	9.1	10	10.9	11.8	12.7	13.6
Code	Description	wt.	<b>Quantités</b>										
200103	Screw shaft wheel.	6.0	4	4	4	4	4	4	4	4	4	4	4
205200	Folding base	20.3	1	1	1	1	1	1	1	1	1	1	1
200100	Key base ladder	10.8	2	2	2	2	2	2	2	2	2	2	2
205203	Diagonal brace	2.9	4	4	6	6	8	8	10	10	12	12	14
200102	6 rung ladder	10.3	1	2	3	4	5	6	7	8	9	10	11
200101	3 rung ladder	5.2	2	2	2	2	2	2	2	2	2	2	2
205201	ALTO floor	21.2	1	1	2	2	2	3	3	3	3	4	4
205202	Safety rail	7.3	2	2	4	4	4	6	6	6	6	8	8
200104	Stabilizer	11.6	4	4	4	4	4	4	4	4	4	4	4
46071	Ladder pin	0.07	4	8	8	12	12	16	16	20	20	24	24
<b>Total weight (kg)</b>			181	191	243	254	270	316	332	343	359	405	421



# ROLLSTAR 2,05M WITH PIERCED SHAFT WHEELS

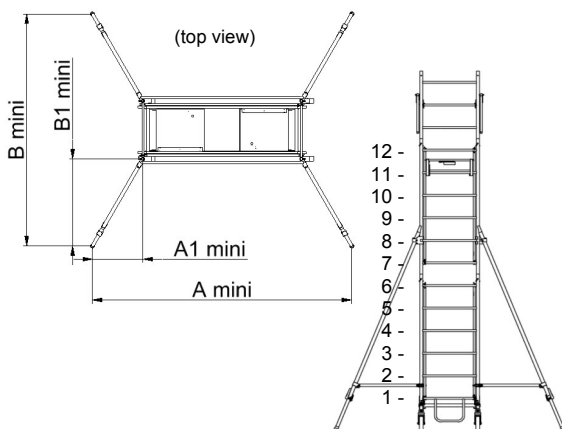
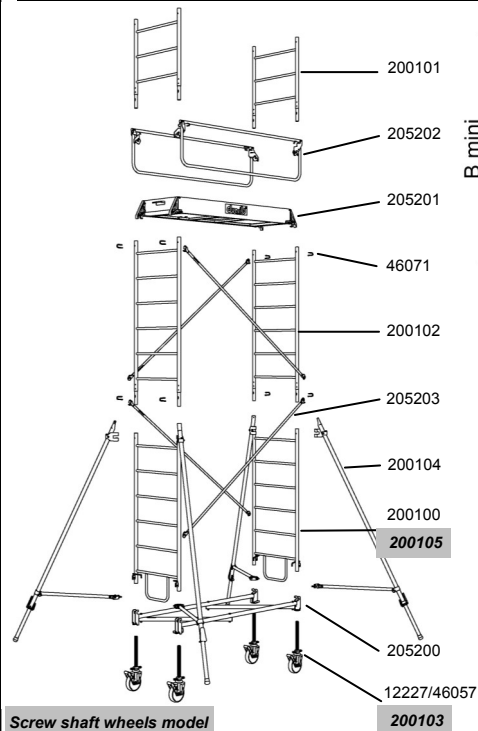
D040377B

 <b>Product code</b>			205002	205003	205004	205005	205006	205007	205008	205009	205010	205011	205012
Floor height (m)			2.6	3.5	4.4	5.3	6.2	7.1	8	8.9	9.8	10,7	11,6
Work height (m)			4.6	5.5	6.4	7.3	8.2	9.1	10	10.9	11.8	12.7	13.6
Code	Description	wt.	<b>Quantities</b>										
12 227	Pierced shaft	3,5	4	4	4	4	4	4	4	4	4	4	4
205200	Folding base	20,3	1	1	1	1	1	1	1	1	1	1	1
200105	Std base ladder	10,3	2	2	2	2	2	2	2	2	2	2	2
205203	Diagonal brace	2,9	4	4	6	6	8	8	10	10	12	12	14
200102	6 rung ladder	10,3	1	2	3	4	5	6	7	8	9	10	11
200101	3 rung ladder	5,2	2	2	2	2	2	2	2	2	2	2	2
205201	ALTO floor	21,2	1	1	2	2	2	3	3	3	3	4	4
205202	Safety rail	7,3	2	2	4	4	4	6	6	6	6	8	8
200104	Stabilizer	11,6	4	4	4	4	4	4	4	4	4	4	4
46057	Wheel pin	0,05	4	4	4	4	4	4	4	4	4	4	4
46071	Ladder pin	0,07	4	8	8	12	12	16	16	20	20	24	24
<b>Total weight (kg)</b>			0	0	0	0	0	0	0	0	0	0	0

### Loading conditions:


ALTO floor: Maximum allowed load spread over the floor = **230 kg**

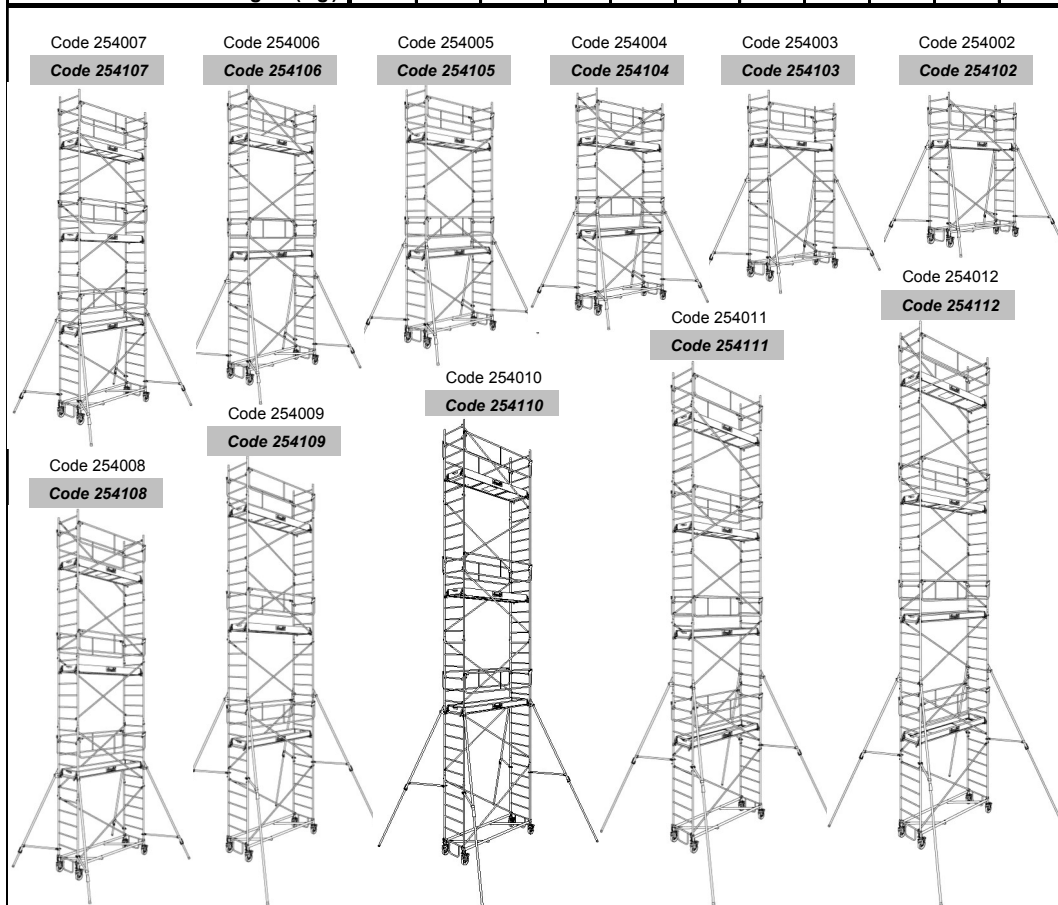
Class 3 load spread (200daN/m<sup>2</sup>)      Maximum allowed load with 2 loaded floors



Stabilizer anchoring position	Floor height	A	B	A1	B1
8th rung	From 2,6 to 8m	2400	2400	175	825
9th rung	8,9m	2700	2600	325	925
10th rung	9,8m	3000	3100	475	1175
11th rung	10,7m	3100	3300	525	1275
12th rung	11,6m	3200	3300	575	1275

# ROLLSTAR 2.54M WITH SCREW SHAFT WHEELS


 <b>Product code</b>			254102	254103	254104	254105	254106	254107	254108	254109	254110	254111	254112
Floor height (m)			2.6	3.5	4.4	5.3	6.2	7.1	8	8.9	9.8	10,7	11,6
Work height (m)			4.6	5.5	6.4	7.3	8.2	9.1	10	10,9	11,8	12,7	13,6
Code	Description	wt.	<b>Quantities</b>										
200103	Screw shaft wheel.	6.0	4	4	4	4	4	4	4	4	4	4	4
254200	Folding base	22.7	1	1	1	1	1	1	1	1	1	1	1
200100	Key base ladder	10.8	2	2	2	2	2	2	2	2	2	2	2
254203	Diagonal brace	3.9	4	4	6	6	8	8	10	10	12	12	14
200102	6 rung ladder	10.3	1	2	3	4	5	6	7	8	9	10	11
200101	3 rung ladder	5.2	2	2	2	2	2	2	2	2	2	2	2
254201	ALTO floor	24.8	1	1	2	2	2	3	3	3	3	4	4
254202	Safety rail	8.8	2	2	4	4	4	6	6	6	6	8	8
200104	Stabilizer	11.6	4	4	4	4	4	4	4	4	4	4	4
46071	Ladder pin	0.07	4	8	8	12	12	16	16	20	20	24	24
<b>Total weight (kg)</b>			194	204	265	275	293	346	365	375	393	446	464





# ROLLSTAR 2.54M WITH PIERCED SHAFT WHEELS

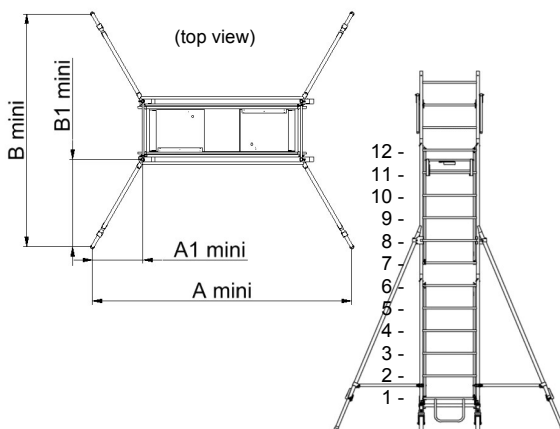
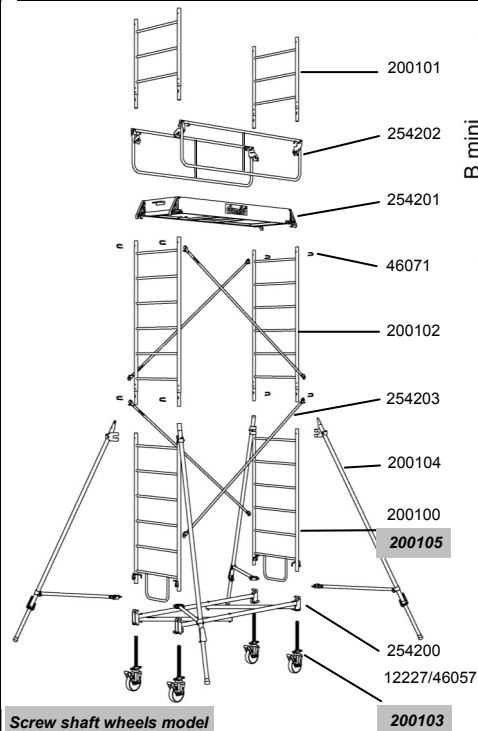
D040377B

 <b>Product code</b>			254002	254003	254004	254005	254006	254007	254008	254009	254010	254011	254012
Floor height (m)			2.6	3.5	4.4	5.3	6.2	7.1	8	8.9	9.8	10.7	11.6
Work height (m)			4.6	5.5	6.4	7.3	8.2	9.1	10	10.9	11.8	12.7	13.6
Code	Description	wt.	<b>Quantities</b>										
12 227	Pierced shaft	3.5	4	4	4	4	4	4	4	4	4	4	4
254200	Folding base	22.7	1	1	1	1	1	1	1	1	1	1	1
200105	Std base ladder	10.3	2	2	2	2	2	2	2	2	2	2	2
254203	Diagonal brace	3.9	4	4	6	6	8	8	10	10	12	12	14
200102	6 rung ladder	10.3	1	2	3	4	5	6	7	8	9	10	11
200101	3 rung ladder	5.2	2	2	2	2	2	2	2	2	2	2	2
254201	ALTO floor	24.8	1	1	2	2	2	3	3	3	3	4	4
254202	Safety rail	8.8	2	2	4	4	4	6	6	6	6	8	8
200104	Stabilizer	11.6	4	4	4	4	4	4	4	4	4	4	4
46057	Wheel pin	0.1	4	4	4	4	4	4	4	4	4	4	4
46071	Ladder pin	0.1	4	8	8	12	12	16	16	20	20	24	24
<b>Total weight (kg)</b>			<b>183</b>	<b>194</b>	<b>254</b>	<b>265</b>	<b>283</b>	<b>336</b>	<b>354</b>	<b>365</b>	<b>383</b>	<b>436</b>	<b>454</b>

### Loading conditions:


ALTO floor: Maximum allowed load spread over the floor = **290 kg**

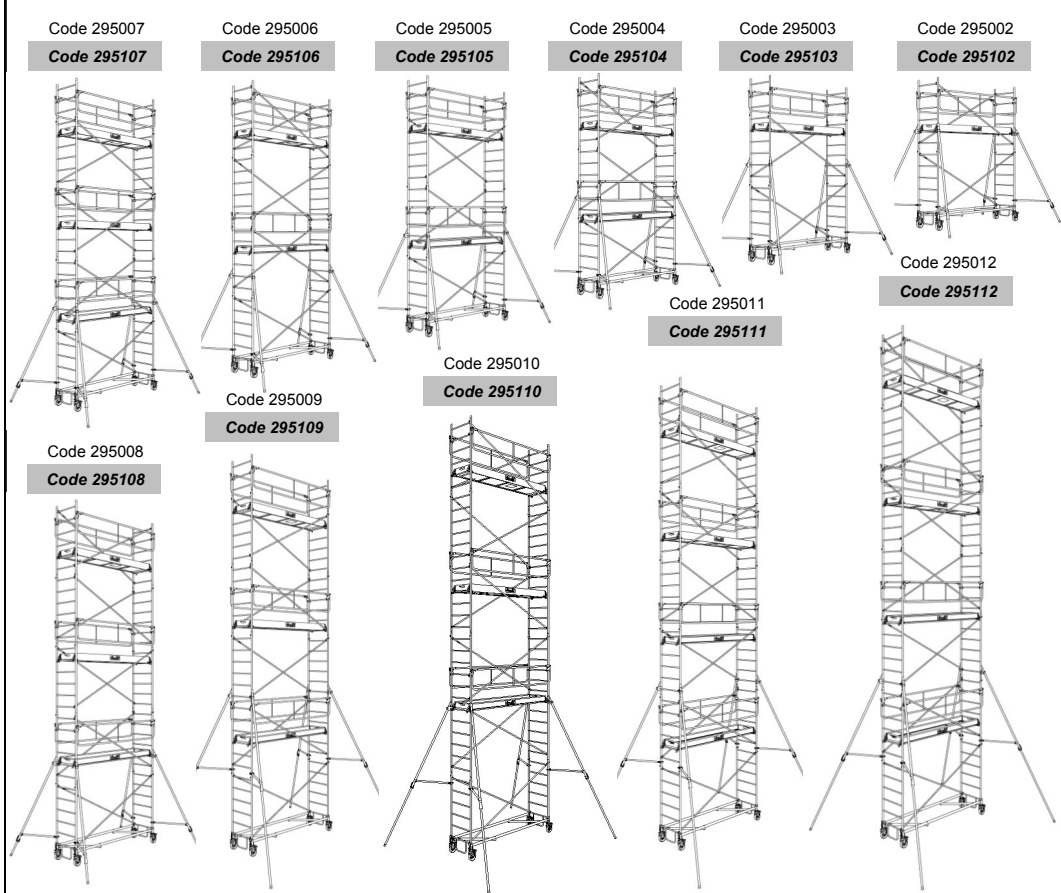
Class 3 load spread (200daN/m<sup>2</sup>)      Maximum allowed load with 2 loaded floors



Stabilizer anchoring position	Floor height	A	B	A1	B1
8th rung	From 2,6 to 8m	2540	2500	0	875
9th rung	8,9m	2540	2700	0	975
10th rung	9,8m	2900	3000	180	1125
11th rung	10,7m	3000	3300	230	1275
12th rung	11,6m	3200	3500	330	1375


# ROLLSTAR 2.95M WITH SCREW SHAFT WHEELS

 <b>Product code</b>			295102	295103	295104	295105	295106	295107	295108	295109	295110	295111	295112
Floor height (m)			2.6	3.5	4.4	5.3	6.2	7.1	8	8.9	9.8	10.7	11.6
Work height (m)			4.6	5.5	6.4	7.3	8.2	9.1	10	10.9	11.8	12.7	13.6
Code	Description	wt.	<b>Quantities</b>										
200103	Screw shaft wheel.	6.0	4	4	4	4	4	4	4	4	4	4	4
295200	Folding base	24.9	1	1	1	1	1	1	1	1	1	1	1
200100	Key base ladder	10.8	2	2	2	2	2	2	2	2	2	2	2
295203	Diagonal brace	4.3	4	4	6	6	8	8	10	10	12	12	14
200102	6 rung ladder	10.3	1	2	3	4	5	6	7	8	9	10	11
200101	3 rung ladder	5.2	2	2	2	2	2	2	2	2	2	2	2
295201	ALTO floor	27.4	1	1	2	2	2	3	3	3	3	4	4
295202	Safety rail	11.0	2	2	4	4	4	6	6	6	6	8	8
200104	Stabilizer	11.6	4	4	4	4	4	4	4	4	4	4	4
46071	Ladder pin	0.1	4	8	8	12	12	16	16	20	20	24	24
<b>Total weight (kg)</b>			<b>205</b>	<b>215</b>	<b>284</b>	<b>294</b>	<b>313</b>	<b>373</b>	<b>392</b>	<b>403</b>	<b>422</b>	<b>482</b>	<b>501</b>



# ROLLSTAR 2.95M WITH PIERCED SHAFT WHEELS

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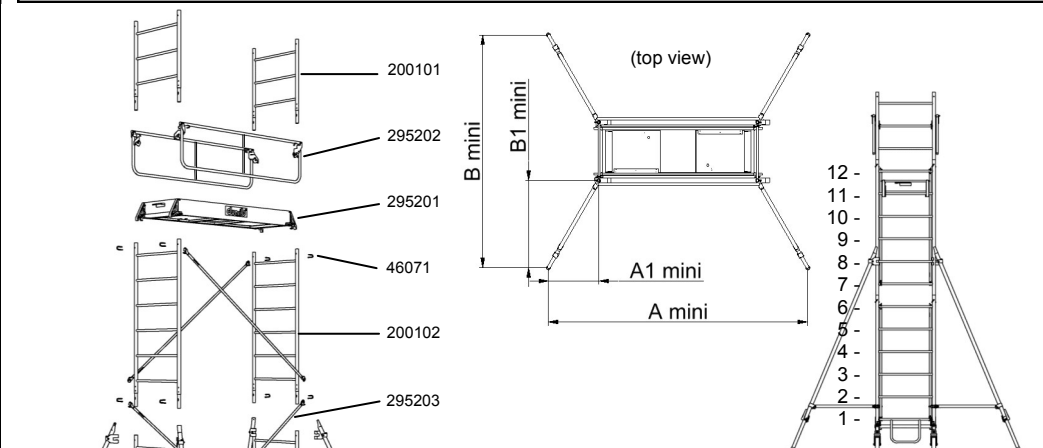
 <b>Product code</b>			295002	295003	295004	295005	295006	295007	295008	295009	295010	295011	295012
Floor height (m)			2.6	3.5	4.4	5.3	6.2	7.1	8	8.9	9.8	10.7	11.6
Work height (m)			4.6	5.5	6.4	7.3	8.2	9.1	10	10.9	11.8	12.7	13.6
Code	Description	wt.	<b>Quantities</b>										
12 227	Pierced shaft	3.5	4	4	4	4	4	4	4	4	4	4	4
295200	Folding base	24.9	1	1	1	1	1	1	1	1	1	1	1
200105	Std base ladder	10.3	2	2	2	2	2	2	2	2	2	2	2
295203	Diagonal brace	4.3	4	4	6	6	8	8	10	10	12	12	14
200102	6 rung ladder	10.3	1	2	3	4	5	6	7	8	9	10	11
200101	3 rung ladder	5.2	2	2	2	2	2	2	2	2	2	2	2
295201	ALTO floor	27.4	1	1	2	2	2	3	3	3	3	4	4
295202	Safety rail	11.0	2	2	4	4	4	6	6	6	6	8	8
200104	Stabilizer	11.6	4	4	4	4	4	4	4	4	4	4	4
46057	Wheel pin	0.1	4	4	4	4	4	4	4	4	4	4	4
46071	Ladder pin	0.1	4	8	8	12	12	16	16	20	20	24	24
<b>Total weight (kg)</b>			<b>194</b>	<b>205</b>	<b>273</b>	<b>284</b>	<b>303</b>	<b>363</b>	<b>382</b>	<b>392</b>	<b>411</b>	<b>471</b>	<b>490</b>

### Loading conditions:

ALTO floor: Maximum allowed load spread over the floor = **340 kg**

Class 3 load spread (200daN/m<sup>2</sup>)

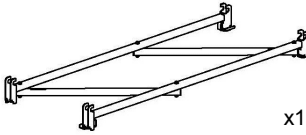
Maximum allowed load with 2 loaded floors



Stabilizer anchoring position	Floor height	A	B	A1	B1
8th rung	From 2,6 to 8m	2950	2600	0	925
9th rung	8,9m	2950	2700	0	975
10th rung	9,8m	2950	3100	0	1175
11th rung	10,7m	2950	3300	0	1275
12th rung	11,6m	2950	3500	0	1375

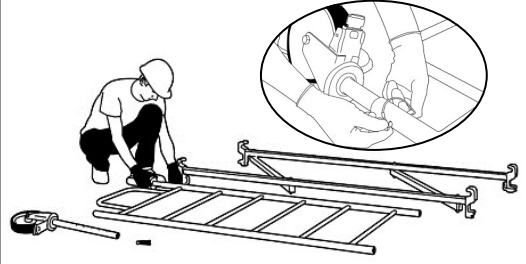
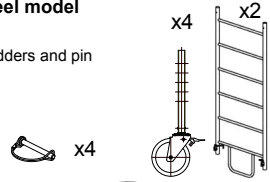
# Assembly instructions

1 Unfold the base.



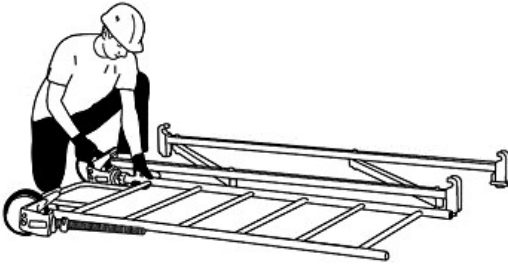
2 Pierced shaft wheel model

Insert the wheels in the base ladders and pin them.  
Close the security pin lock.

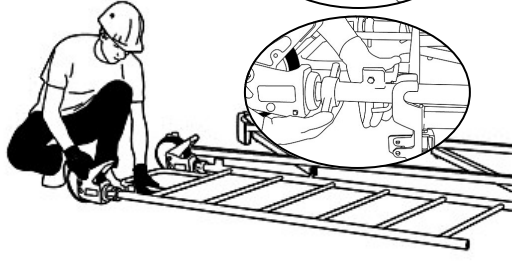
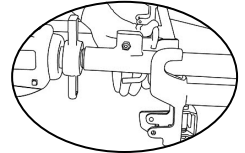


2bis Screw shafts wheels model

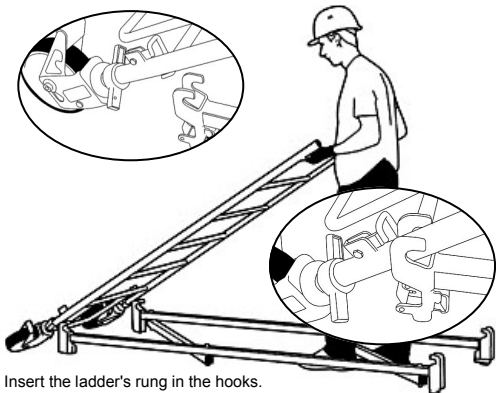
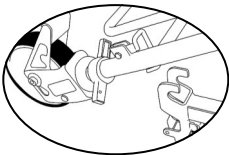
Insert the wheels on the base ladder.



3 Tighten the wheel shaft by lowering the steel wire mechanism and by tightening the nut.

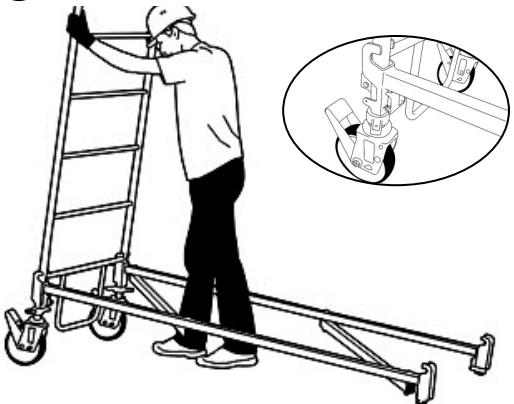
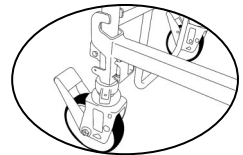


4 Set the base ladder's uprights on the hooks situated on the base, command pivot to the exterior.



Insert the ladder's rung in the hooks.

5 Set the base ladder perpendicularly, it is automatically locked.



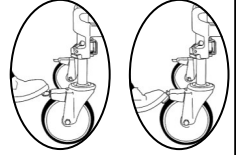
**6** Set the second base ladder by repeating steps 2 or 2A to 5.



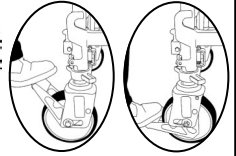
**7** Block the wheels with their brakes.  
A click sound means the brake is set.



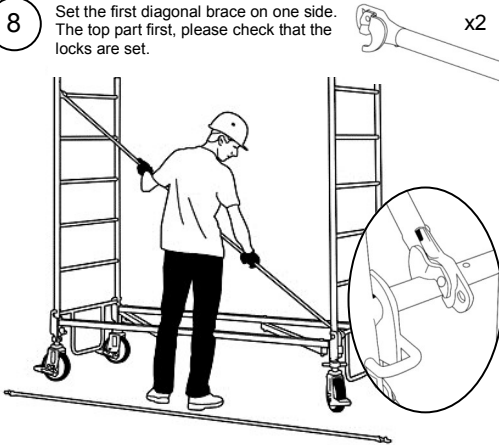
**Pierced shaft model.**



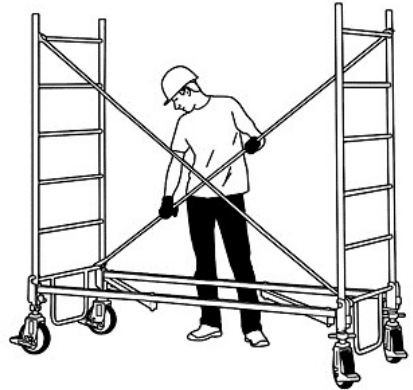
**Screw shaft model.**



**8** Set the first diagonal brace on one side. The top part first, please check that the locks are set.



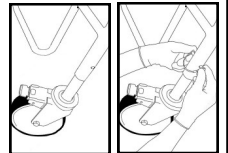
**9** Cross the second diagonal brace on the other side in the same manner and check that the pins are in place.



**10** With the wheels locked, set up the base with the help of a spirit level following 3 phases, A, B and C, adjusting a different wheel for each phase.

**Pierced shaft model.**

Set the base level by pinning the shafts' holes that allow for a setup every 5 cm and by adding wedges if necessary for fine tuning.



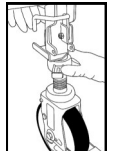
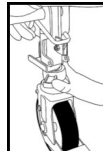
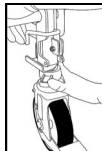
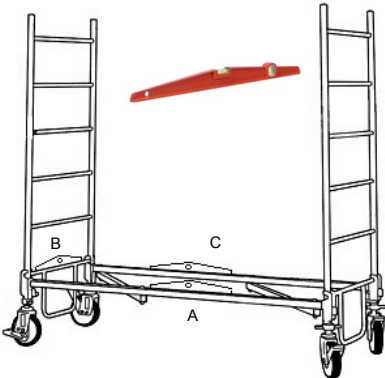
**Screw shaft model.**

Unlock the nut.

The steel wire mechanism is loosened.

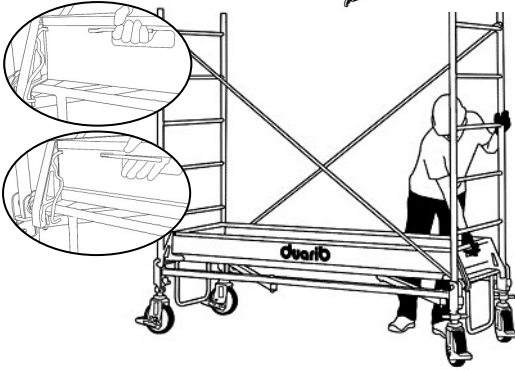
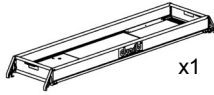
Turn the wheel support by holding the nut.

Lock the nut and the mechanism will lower.



# Assembly instructions

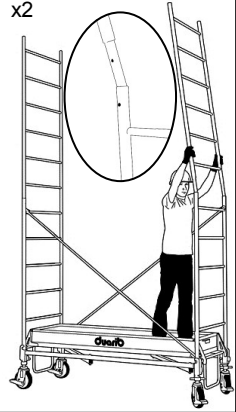
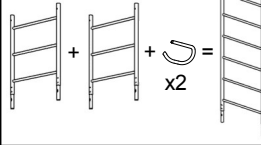
- 11** Set the floor on the 1<sup>st</sup> rung of the base ladders until it is locked on each rung.



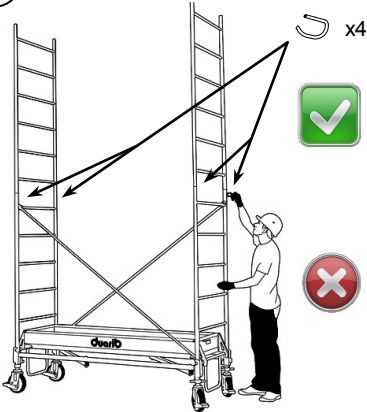
- 12** Fit a 6 rung ladder on each side.



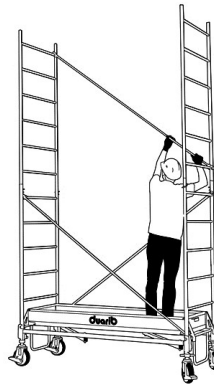
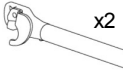
At the last level, it is possible to assemble two 3 rung ladders to create one 6 rung ladder.



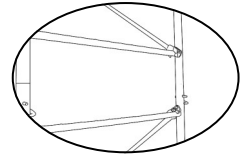
- 13** Pin ladders to one another with the holes intended for this purpose.



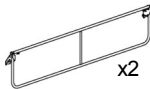
- 14** Set the diagonal brace on the topmost rung of the ladder. The top part first, please check that the locks are set.



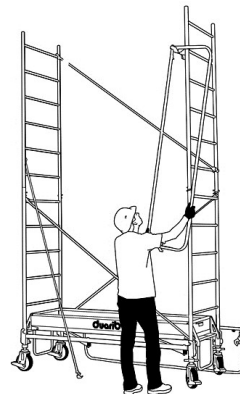
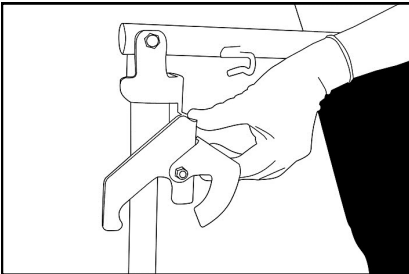
Set the diagonal braces every other rung.



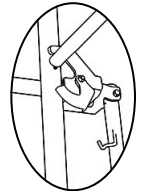
- 15** Before setting the safety rails, lift the locks.



Set the safety rail to the second last rung. Safety rail to the outside, the hook must surround the upright.

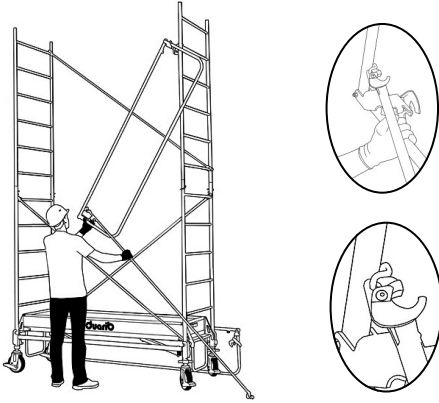


(Inside view).

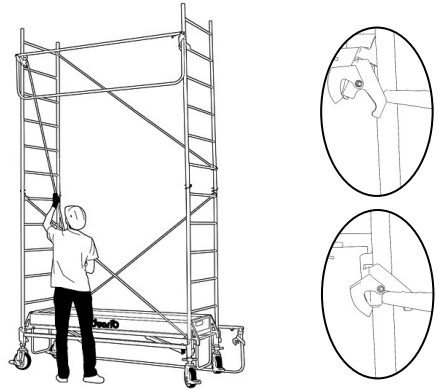




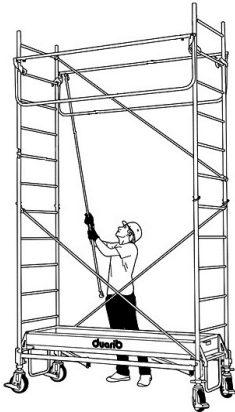
- 16** Set the diagonal brace's hole on the safety rail's fastening finger and use the diagonal brace as a pole.



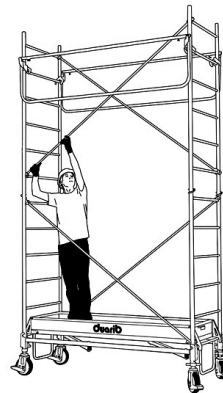
- 17** The hook retracts itself as the rung comes in to set the safety rail at the desired position. Remove the diagonal brace.



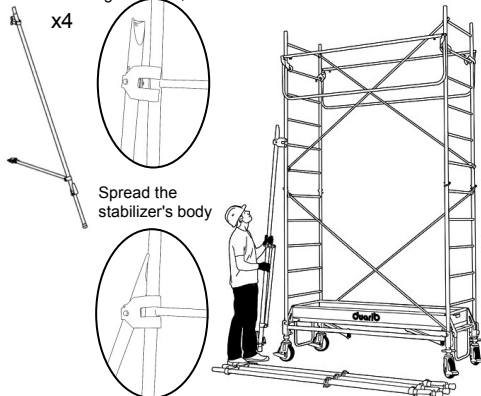
- 18** Set the second safety rail following steps 15 to 17.



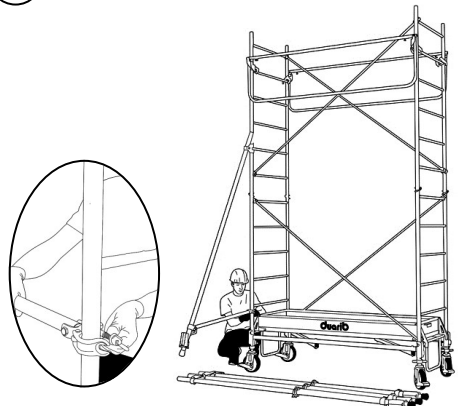
- 19** Set the diagonal brace on the highest rung of the ladder, top part first. Check that the locks are set.



- 20** Set the stabilizer to the rung described on page 7 for 2,05m. Page 9 for 2,54m. Page 11 for 2,95m



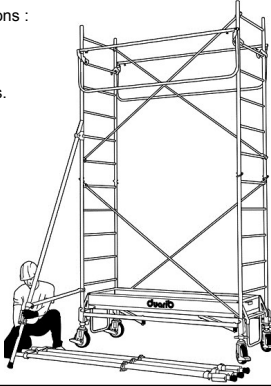
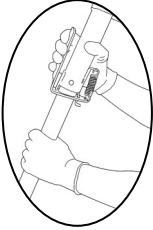
- 21** Lower the braces horizontally and set the collar without tightening the nut.



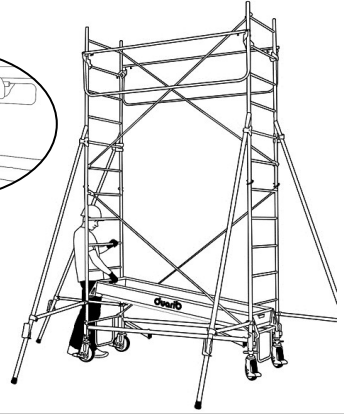
# Assembly instructions

- 22** Spread the stabilizer's runner with the manual mechanism. Repeat these steps for all 4 stabilizers.

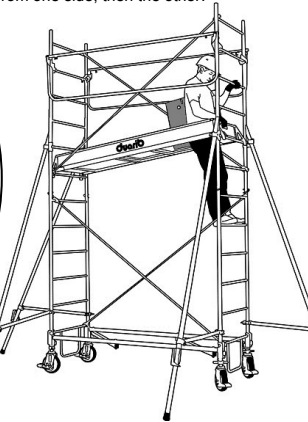
Check the described positions :  
 • Page 7 for 2,05m  
 • Page 9 for 2,54m  
 • Page 11 for 2,95m  
 And tighten the collars' nuts.



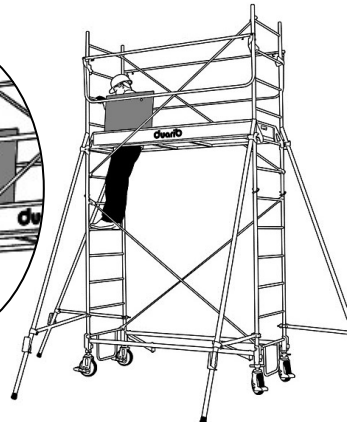
- 23** To adjust the floor's height, set the floor to the rung just above by going around it, from one side, then the other.



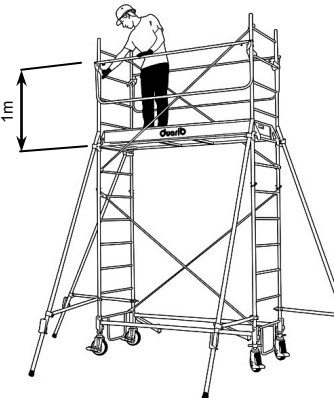
- 24** Then, through the trapdoor, set the floor to the rung just above by going around it, from one side, then the other.



- 25** At the desired height, the floor must be horizontal and locked.



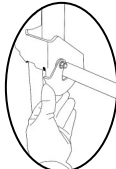
- 26** Lower the safety rails' locks.



On one side...



Then the other.



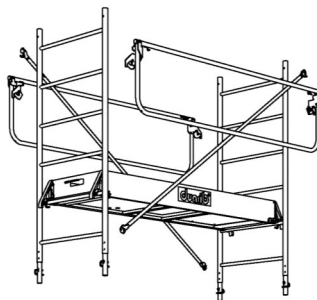
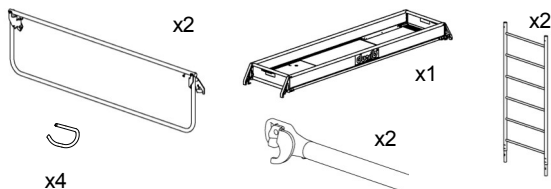
- 27** Assembly for a presented floor height of 2,6m. With a work height of 4,6m.





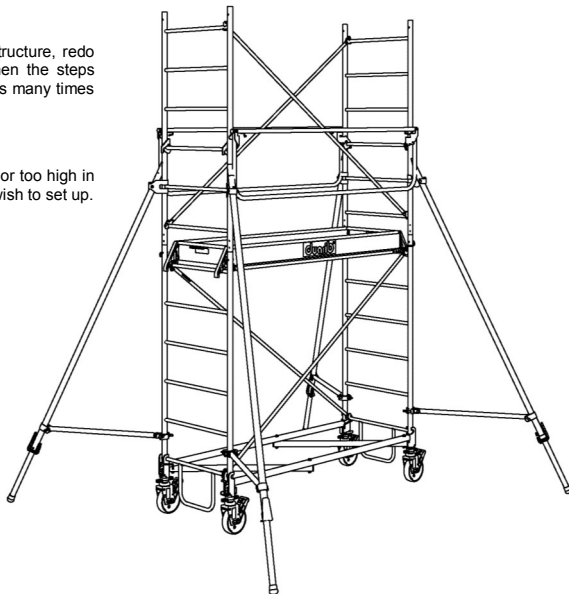
## Assembly follow-up according to structure

Example of parts necessary to add another floor:



To continue assembling and setting up the elements of your structure, redo the assembly steps regarding ladders and diagonal braces, then the steps regarding safety rails and the floor by repeating the operations as many times as necessary.

To prepare for the upper level, make sure not to set the lower floor too high in order to keep enough space compared with the floor height you wish to set up.

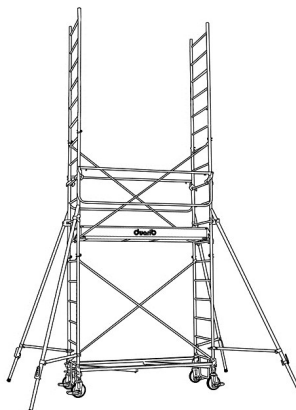
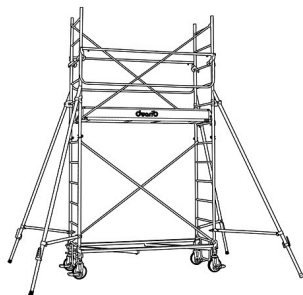


28

For the remaining steps and for a different structure to the one presented on step 27, the floor is not placed on top, in order to have a space superior to 1,8m between 2 floors.

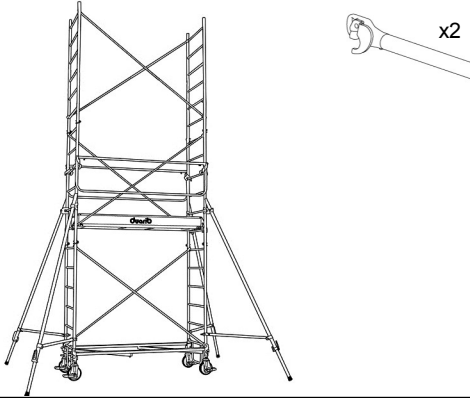
29

Fit two 6 rung ladders on each side.

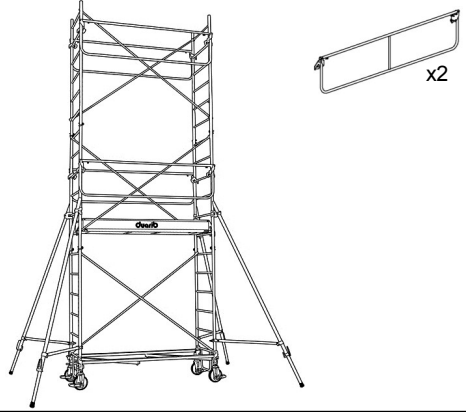


# Assembly instructions

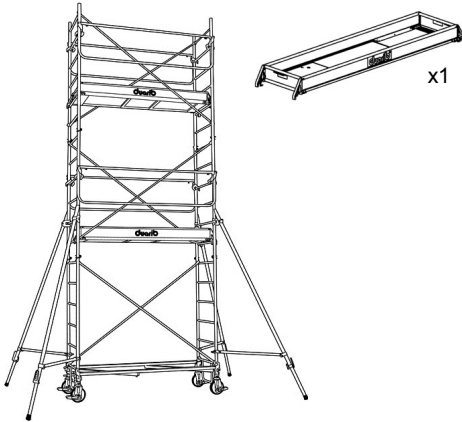
**30** Set the diagonal braces in opposite direction on each side of the scaffolding to wind-brace both ladders, while following a "S" pattern for each side of the scaffolding.



**31** To set up the safety rails, please refer to steps 20 to 24.



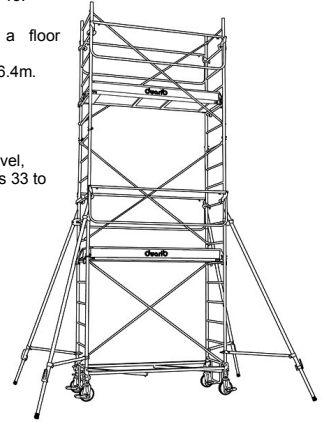
**32** Lift a floor to height.



**33** In case you need to modify the floor's position, please refer to steps 41 to 46.

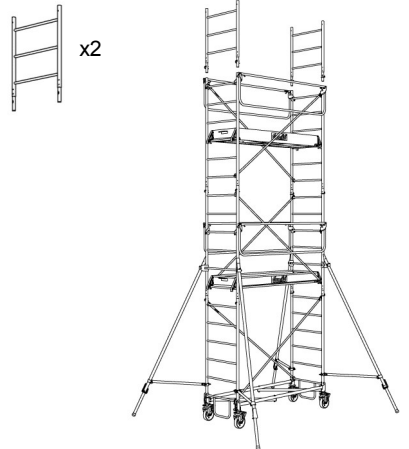
Final assembly for a floor height of 4.4m.  
With a work height of 6.4m.

To set another floor level, please follow the steps 33 to 40.



**34** ASSEMBLY OF 3 RUNG LADDERS FOR SPECIFIC STRUCTURES.

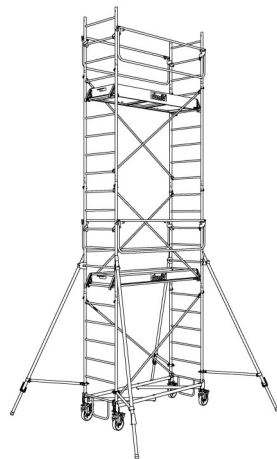
- To set up the ladders, please refer to step 12.
- To pin the ladders together at all 4 holes, please refer to step 13.



35

- To modify the position of the safety rails from the lower level with a diagonal brace, please refer to steps 15 and 18 for each extremity up to the second last rung.
- To set the diagonal brace back in its place, please refer to step 19.
- To modify the floor's position through the trapdoors, please refer to steps 28 to 31.

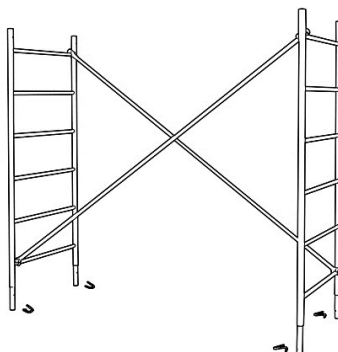
Final assembly for a floor height of 5.3m.  
With a work height of 7.3m.



## Wind-bracing rules to abided by

First rule: structure elevation module.

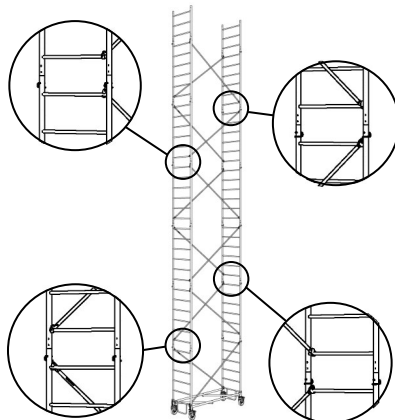
2 diagonal braces set opposite to one another on each side of the scaffolding with 2 ladder wind-bracing.



Second rule: setting the diagonal braces on the scaffolding.

On the same side of the scaffolding, the diagonal braces follow each other and form a "S" pattern

It is important to follow this pattern, for the rigidity and the resistance of the scaffolding.



# Work height repositioning example

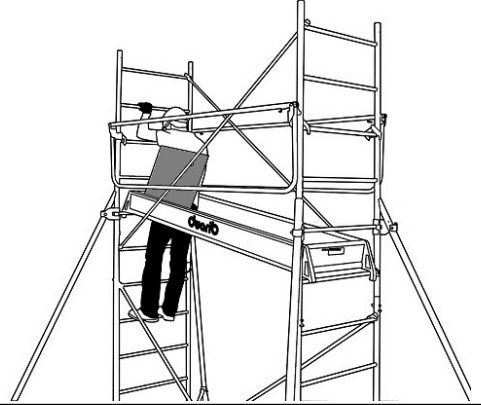
36

Unlock the safety rails.



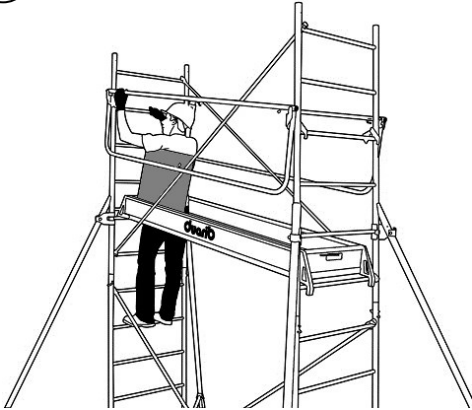
37

Lift one side of the floor through the trapdoor.



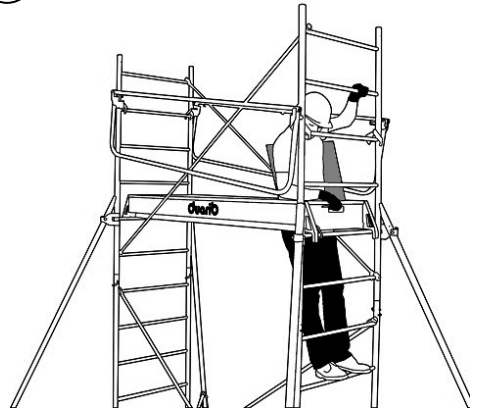
38

Assemble one side of the safety rails, while staying in the floor's trapdoor.



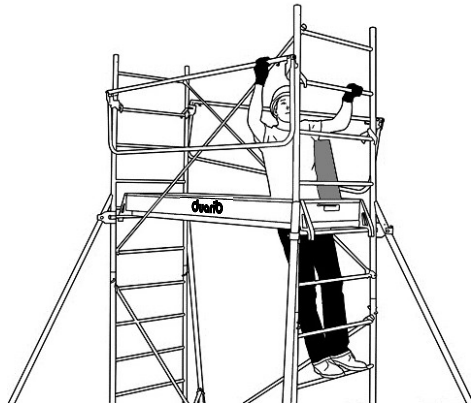
39

Access the other trapdoor through the lower floor. Lift the other side of the floor through the trapdoor.



40

Assemble the other side of the safety rails, while staying in the floor's trapdoor.



41

The safety rails are 1m away from the floor. Lock the safety rails.



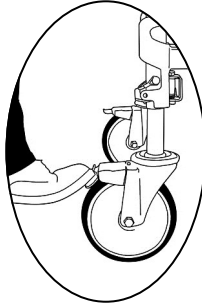
42

Make sure the wheels are locked.

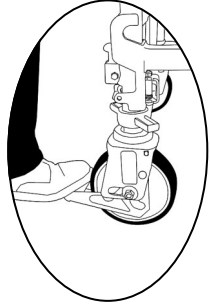
A click sound will mean the brake is set.



Pierced shaft model.



Screw shaft model.



43

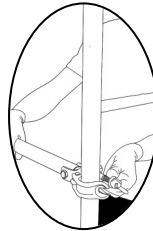
Check the position and the stabilizers' locks as indicated on step 22.



Set the stabilizer in a supporting position.



Tighten the collars' nuts.



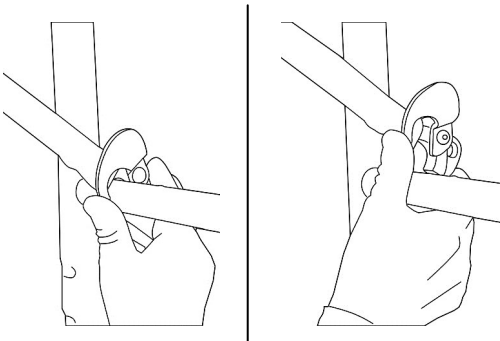
Follow the opposite assembly steps of each element while taking every safety measures possible.



44

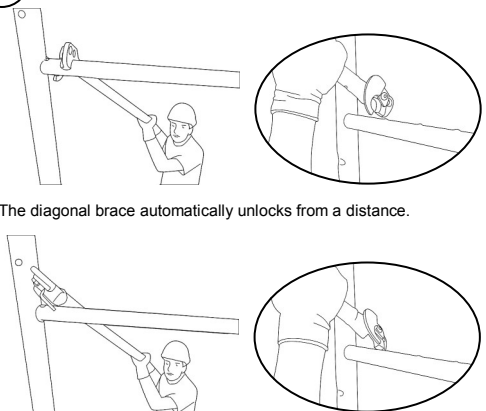
**Taking off a lower level diagonal brace.**

Unlock and take the lower part off.



45

Turn 90° while slightly pushing.

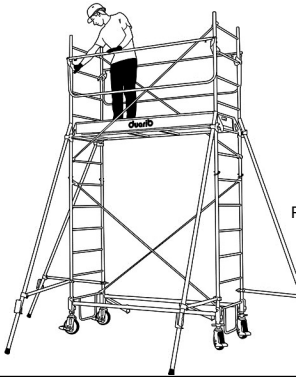


The diagonal brace automatically unlocks from a distance.

# Disassembly instructions

## 46 Disassembling the lower level safety rails

Lift the safety rails' nuts before going down a level.



D'un côté...



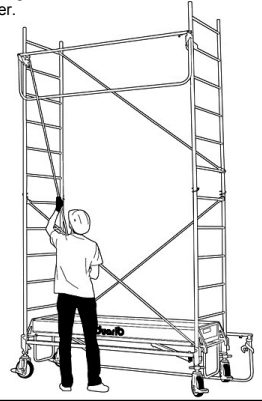
Puis de l'autre.



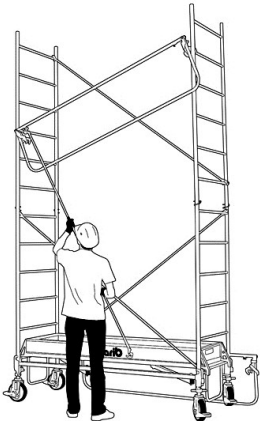
47

Lower the floor.  
Take a diagonal brace and use it as a pole.  
From a distance, set the diagonal brace's hole on the safety rail's fastening finger.

Lift the safety rail to allow the hook to go outside the ladder's upright.

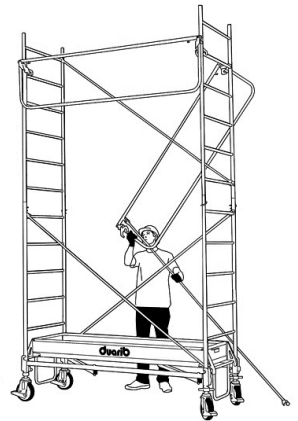


## 48 Lower the safety rail to hold it in hand.

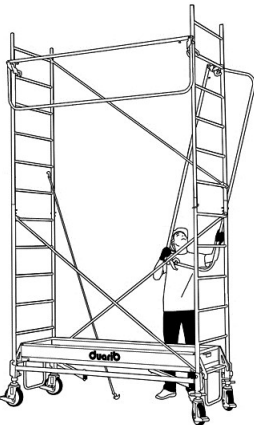


49

Remove the safety rail's diagonal brace.

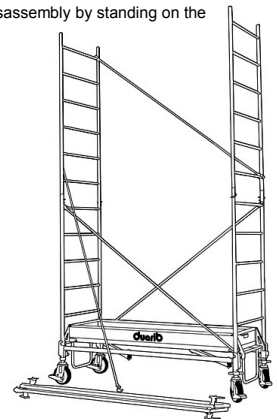


## 50 Take the safety rail off from the ladder.



51

Repeat the steps for the second safety rail.  
Continue the disassembly by standing on the floor.

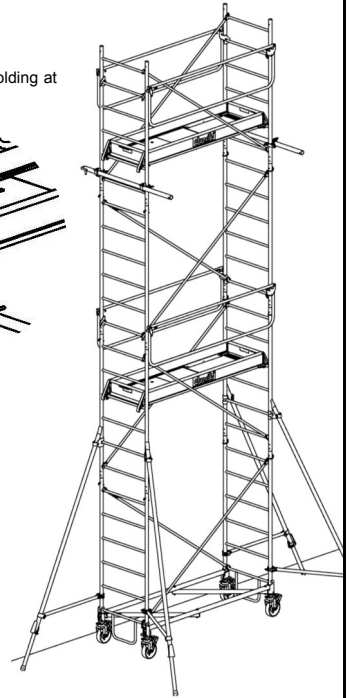
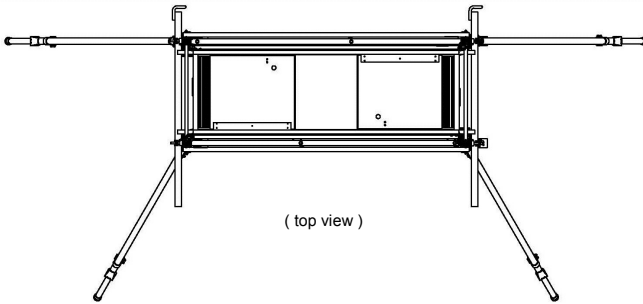
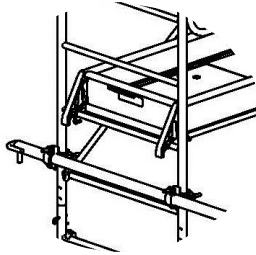


## Special case: Anchoring kit

When wind speed exceeds 45 kmph, it is mandatory to either disassemble or fasten the scaffolding at the top.

If you chose to anchor it:

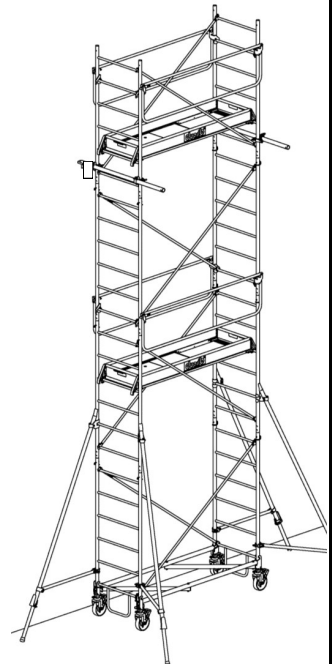
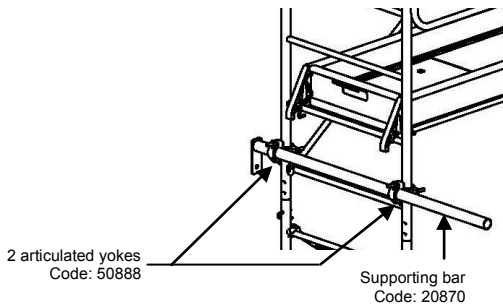
- Set the stabilizers according to the opposite picture
- Use 2 anchors under the last floor level
- Anchors not included in the package
- Complete anchoring kit reference 20865
- Please refer to page 3 for anchors stress



## Special case: Supporting kit

Front assembly, at least one level above the stabilizer fixation point.

Stabilizer assembly identical to anchoring kit.

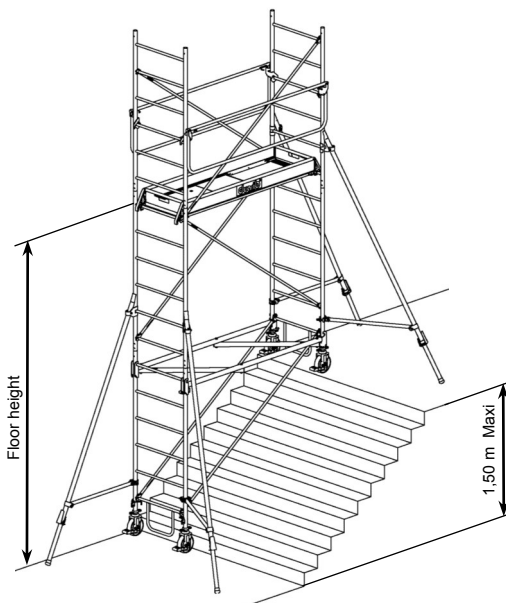


## Assembly on a difference in height

Maximum difference in height: 1,50 m.

Assembly rules:

- The ladder's first bars are linked by diagonal braces, as shown on the opposite schematics.
- The base body must be positioned horizontally on the ladder's first bar which is at the top of the difference in height.
- From the base body, the assembly remains identical to a standard assembly with, depending, a height variation on ladders at the bottom and the top of the difference in height.



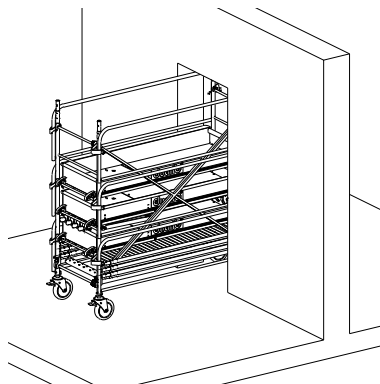
## Storage and transport

In this configuration, you can transport your scaffolding and small tools so they fit through a 2,10m x 0,93m door (minimum).

Size of a "Rollstar 2" set as a wagon:

Model	Height in m	Width in m.	Length in m.
2,05m	2,085	0,91	2,183
2,54m	2,085	0,91	2,673
2,95m	2,085	0,91	3,083

To preserve the scaffolding, it is best to store it away from the elements.



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