

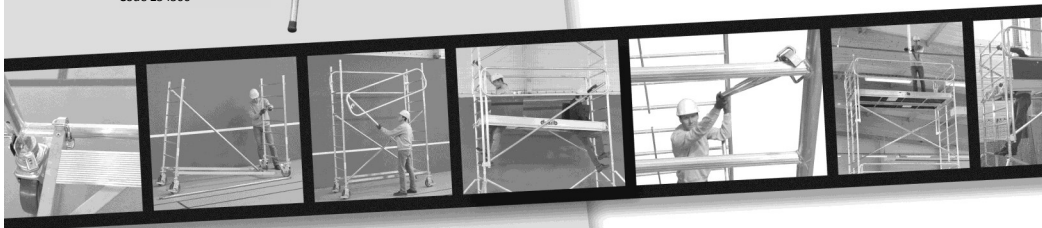
**DOCKER2**

New series, new advantages

# ASSEMBLY, DISASSEMBLY, AND USER INSTRUCTIONS

Instruction manual EN 1298-IM-fr

**Presented model :**  
Length 2,54m  
Floor height 5,90m  
Code 254506



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



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## Specifications :

Aluminium structure

Aluminium floor structure and nonslip CTBX wood surface

Ø200 Brake wheel with service load of 500kg maximum

Wheel tuning thanks to 20 cm screws

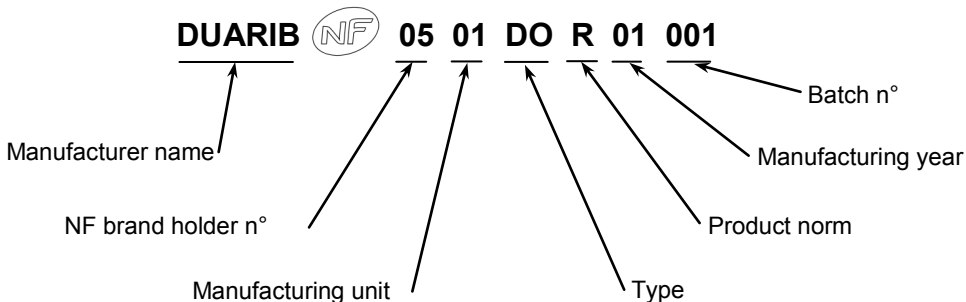
Safe assembly of all the elements can be set up by one person, no matter the heights

## Maximum reactions to support according to calculation notes:

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

<b>Support reactions in daN ≈ Kg</b>		<b>Docker 85 2,05 m</b>	<b>Docker 85 2,54 m</b>	<b>Docker 85 2,95 m</b>	<b>Docker 150 2,05 m</b>	<b>Docker 150 2,54 m</b>	<b>Docker 150 2,95 m</b>
Indoor assembly at 11,9m floor height	Maximum effort on the wheel	231	275	310	304	362	406
	Maximum effort on the stabilizer	95	95	95	177	177	177
Outdoor assembly at 7,9m floor height	Maximum effort on the wheel	182	217	245	250	300	338
	Maximum effort on the stabilizer	131	131	131	216	216	216
Head anchoring (85km/h wind speed)		65	65	65	80	80	80

## Marking code description:

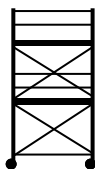


## Floor height limit:

According to NF EN 1004

Floor height in use and when rolling (outdoor)	7,9 m
Floor height in use and when rolling (indoor)	11,9 m
Minimum floor height (indoor / outdoor)	1,9 m

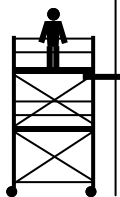
# Safety measures



- 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.
- Respect the assembly order described in this user guide to the letter.



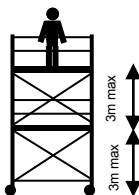
- Wearing **Personal Protective Equipment** is mandatory for any operation.
- Elements can be lifted up by any appropriate means (like a rope).
- Note that using a post and braces or a winch is forbidden.



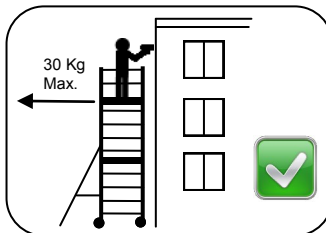
- You can anchor the scaffolding to a building or any other surface that can bear the stress.
- Anchor the scaffolding on the top part at the end of each operation or disassemble it.



- In case you need to anchor, make sure the structure is resistant enough (cf. table on page 3 about maximum support stress).

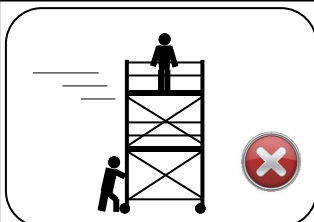


- According to the current regulation, the space between two floors cannot exceed 3 m.

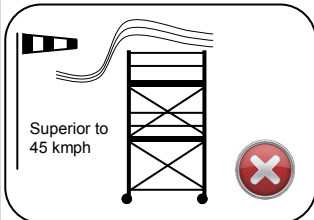


- The operator must not exert a horizontal pressure superior to 30 kg.

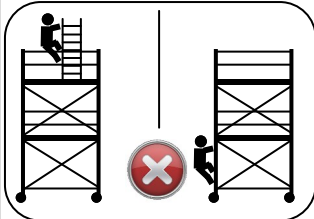




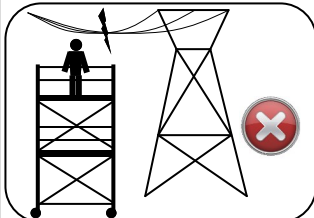
- All 4 wheels must always touch the ground in order to support the work load and the structure's own weight. (maximum load on one wheel: 500 kg)
- Check that the wheels and the stabilizers are not on a loose ground; otherwise you must extend the supports' surface with wedges (cf. table on page 3 about maximum support stress)
- 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%.



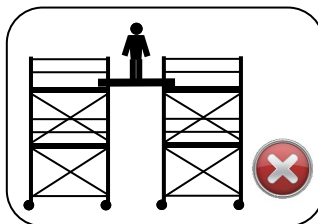
- Do not assemble, use or move the scaffolding if the wind speed exceeds 45 kmph.
- The scaffolding must be secured if the wind is superior to 45 kmph, either by anchoring it or disassembling it.
- It is mandatory to disassembly the scaffolding if the wind exceeds 85 kmph.
- Beware of turbulences when 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.

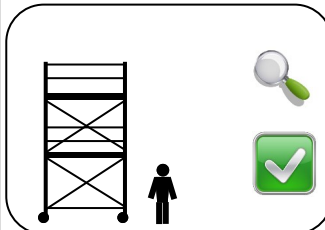


- Before assembling, moving, using a rolling scaffolding, you must make sure that no electric plugs (take into account the length of the handled materials) are within 3m for a tension below 50000 volts and within 5m for a tension above 50000 volts.



- It is forbidden to jump on floors.
- It is forbidden to create 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:




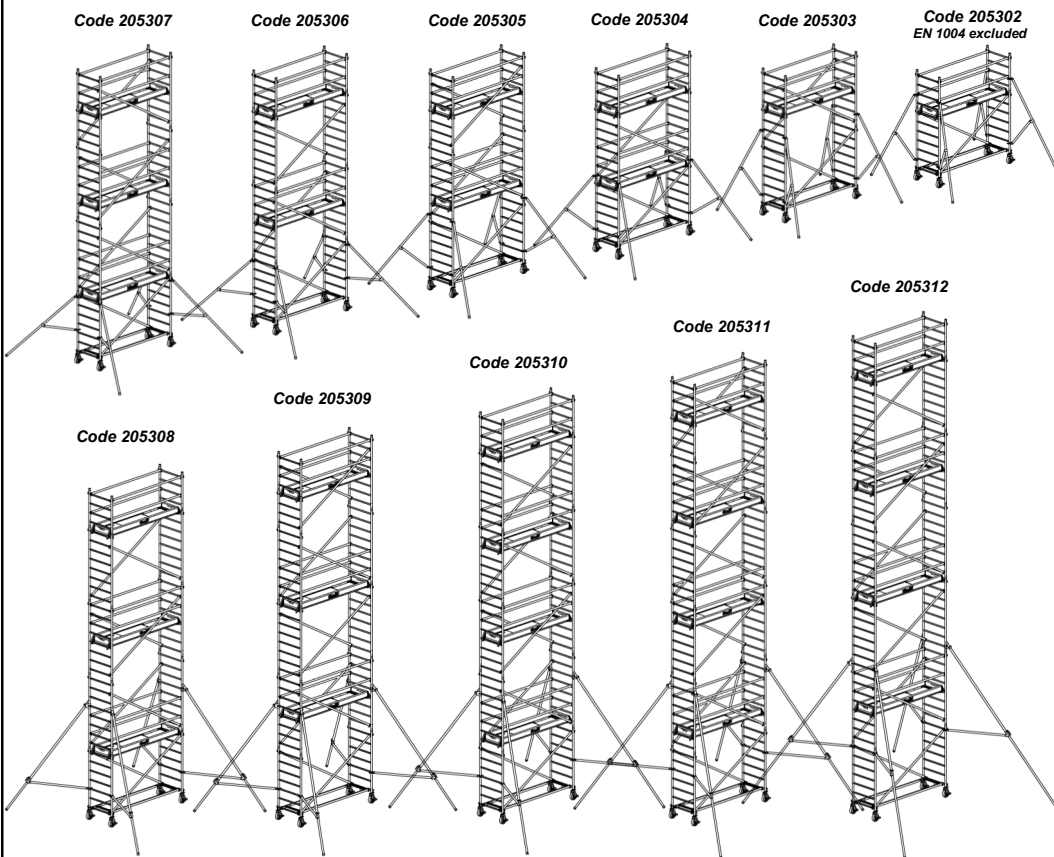
Before any operation, you must check the elements of the scaffolding to see if any could be defective. You must make sure that:

- 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.
- Elements fit together and that they are visually in good shape.
- Pins and all lock mechanisms (base body, diagonal braces, floors, safety rails) work properly.
- If need be and if in doubt, replace the faulty element 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.

# DOCKER 85 2.05M HANDRAIL MODEL

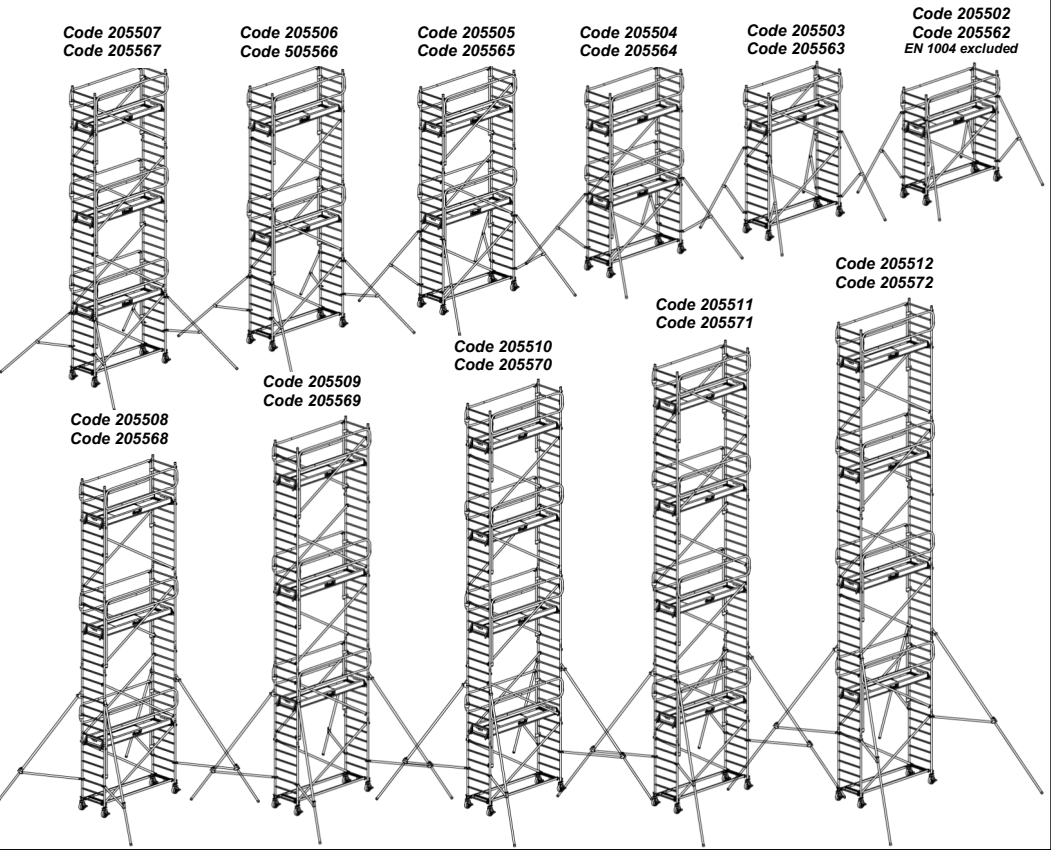
 <b>Product code</b>			205302	205303	205304	205305	205306	205307	205308	205309	205310	205311	205312
Floor height (m)			1.9	2.9	3.9	4.9	5.9	6.9	7.9	8.9	9.9	10.9	11.9
Work height (m)			3.9	4.9	5.9	6.9	7.9	8.9	9.9	10.9	11.9	12.9	13.9
Code	Designation	Wt.	Quantities										
200103	Screw shaft wheel	6.0	4	4	4	4	4	4	4	4	4	4	4
18515	2,05 m base body	4.0	1	1	1	1	1	1	1	1	1	1	1
18518	D85 base ladder	6.3	2	2	2	2	2	2	2	2	2	2	2
18505	Blue declic® brace	1.4	2	4	4	6	6	8	8	10	10	12	12
18502	D85 2m ladder	6.7	0	1	2	3	4	5	6	7	8	9	10
18500	D85 1m ladder	3.7	2	2	2	2	2	2	2	2	2	2	2
205201	2,05m floor	21.2	1	1	2	2	2	3	3	3	4	4	4
18504	Red declic® handrail	1.2	4	4	8	8	8	12	12	12	16	16	16
200201	DS1 stabilizer	3.8	4	4	4	4	4	4	0	0	0	0	0
200202	DS2 stabilizer	6.9	0	0	0	0	0	0	4	4	4	4	4
<b>Total weight (kg)</b>			92	101	134	143	150	185	204	213	246	255	262



DOCKER 85 2.05M EXM SAFETY RAILS MODEL

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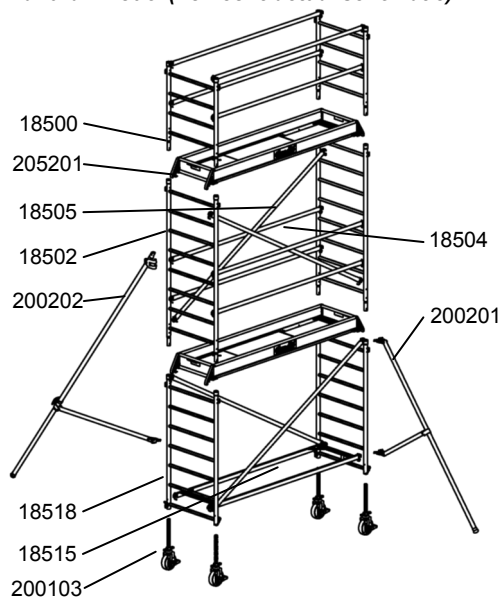
<div><div><div>ISO 9001 CERTIFICATION</div><div>NF</div></div></div> <div>Product code</div>			EXM2 safety rail										EXM1 safety rail											
			205502	205503	205504	205505	205506	205507	205508	205509	205510	205511	205512	205562	205563	205564	205565	205566	205567	205568	205569	205570	205571	205572
Floor height (m)			1.9	2.9	3.9	4.9	5.9	6.9	7.9	8.9	9.9	10.9	11.9	1.9	2.9	3.9	4.9	5.9	6.9	7.9	8.9	9.9	10.9	11.9
Work height (m)			3.9	4.9	5.9	6.9	7.9	8.9	9.9	10.9	11.9	12.9	13.9	3.9	4.9	5.9	6.9	7.9	8.9	9.9	10.9	11.9	12.9	13.9
Code	Designation	Wt.	Quantities										Quantities											
200103	Screw shaft wheel	6.0	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
18515	2,05m base body	4.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
18518	D85 base ladder	6.3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
18505	Blue dedlic® brace	1.4	2	4	4	6	6	8	8	10	10	12	12	2	4	4	6	6	8	8	10	10	12	12
18502	D85 2m ladder	6.7	0	1	2	3	4	5	6	7	8	9	10	0	1	2	3	4	5	6	7	8	9	10
18500	D85 1m ladder	3.7	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
205201	2,05m floor	21.2	1	1	2	2	2	3	3	3	3	4	4	1	1	2	2	2	3	3	3	4	4	4
205221	2,05m EXM1 safety rail	6.2	0	0	0	0	0	0	0	0	0	0	0	2	2	4	4	4	6	6	6	8	8	8
205222	2,05m EXM2 safety rail	5.9	2	2	4	4	4	6	6	6	8	8	8	0	0	0	0	0	0	0	0	0	0	0
200201	DS1 stabilizer	3.8	4	4	4	4	4	4	0	0	0	0	0	4	4	4	4	4	4	0	0	0	0	0
200202	DS2 stabilizer	6.9	0	0	0	0	0	0	4	4	4	4	4	0	0	0	0	0	0	4	4	4	4	4
Total weight (kg)			99	108	148	157	164	206	225	235	274	284	290	99	109	149	159	165	208	227	236	277	286	293



# DOCKER 85 2.05M ELEMENT DESCRIPTION



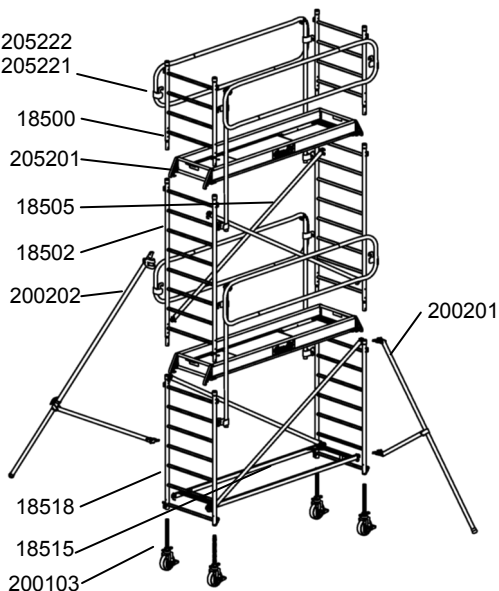
## Handrail model (non contractual schematic)



## EXM safety rail model (non contractual schematic)

EXM2 model: 205222

EXM1 model: 205221



# DOCKER 85 2.05M STABILIZERS' POSITION

D040384B

## LOADING CONDITIONS: CLASS 3 (200 KG/M²)

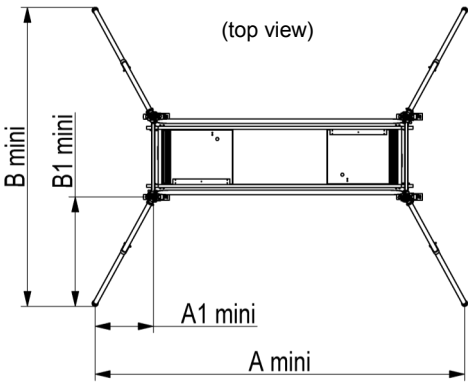
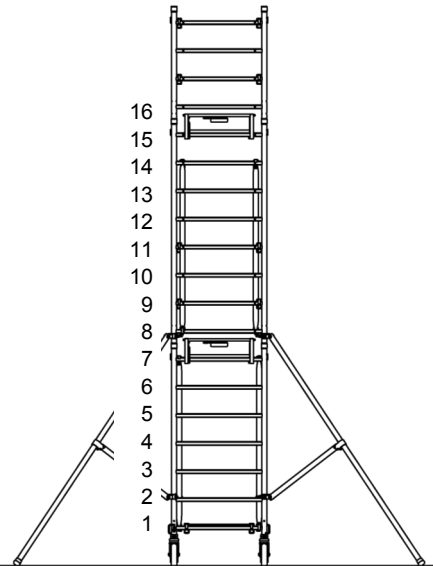
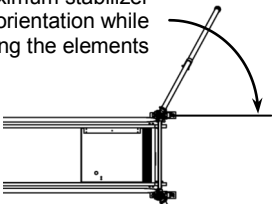
1 level loaded at 100% with 1 operator

Lg 2,05m...**232 daN**  
Lg 2,54m...**292 daN**  
Lg 2,95m...**340 daN**      (1 daN ≈ 1 Kg)

1 extra level loaded at 50% with 1 operator

Lg 2,05m...**116 daN**  
Lg 2,54m...**146 daN**  
Lg 2,95m...**170 daN**      (1 daN ≈ 1 Kg)


Maximum stabilizer  
orientation while  
manipulating the elements

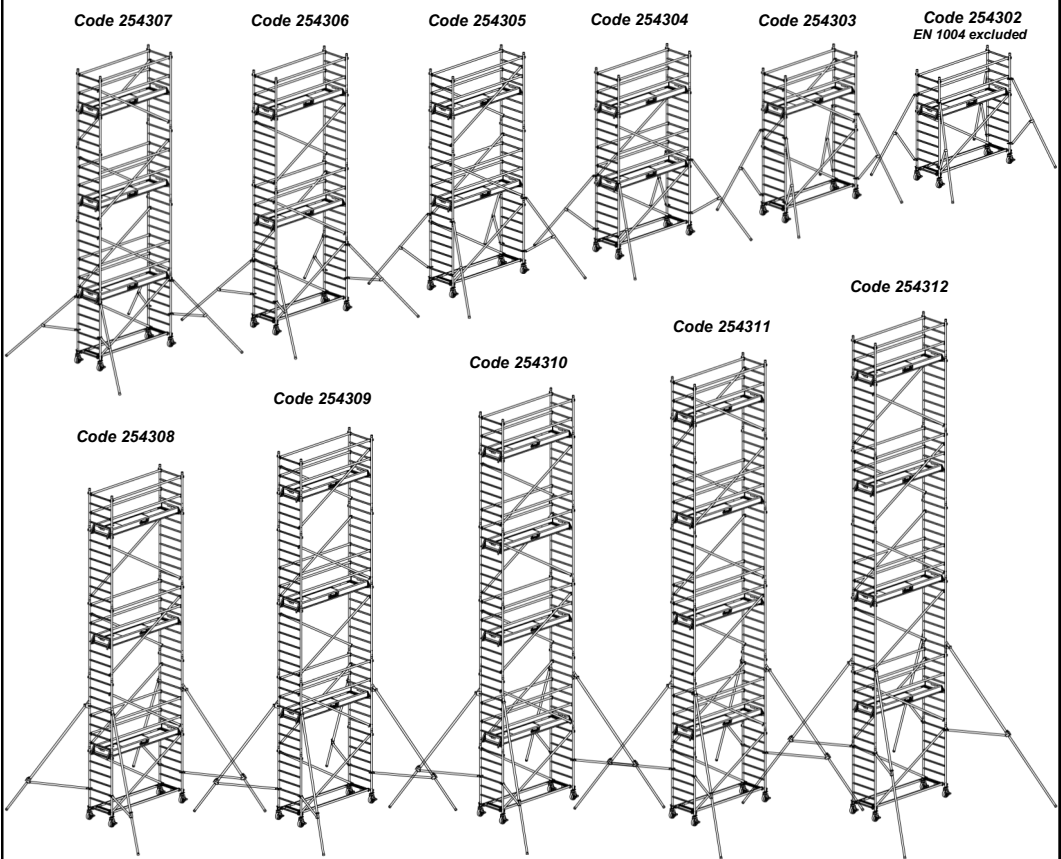


Stab.	Size in mm		Lenght 2.05m			
	Stabilizer hook position	Floor height	A1 mini	B1 mini	A mini	B mini
DS1	9th rung	1.9m	0	260	2050	1325
	9th rung	2.9m	155	480	2360	1765
	8th rung	3.9m	265	630	2580	2065
	8th rung	4.9m	325	870	2700	2545
	7th rung	5.9m	575	1100	3200	3005
	7th rung	6.9m	615	1280	3280	3365
DS2	12th rung	7.9m	785	1480	3620	3765
	12th rung	8.9m	1105	1720	4260	4245
	13th rung	9.9m	1085	1920	4220	4645
	14th rung	10.9m	1345	2190	4740	5185
	16th rung	11.9m	1545	2470	5140	5745

In case your worksite prevents you from following the stabilizer's docking position, please refer to the special cases on page 50.

# DOCKER 85 2.54M HANDRAIL MODEL

			<b>Product code</b>	254302	254303	254304	254305	254306	254307	254308	254309	254310	254311	254312
			Floor height (m)	1.9	2.9	3.9	4.9	5.9	6.9	7.9	8.9	9.9	10.9	11.9
			Work height (m)	3.9	4.9	5.9	6.9	7.9	8.9	9.9	10.9	11.9	12.9	13.9
<b>Code</b>	<b>Designation</b>	<b>Wt.</b>	<b>Quantities</b>											
200103	Screw shaft wheel	6.0	4	4	4	4	4	4	4	4	4	4	4	4
18516	2.54m base body	4.6	1	1	1	1	1	1	1	1	1	1	1	1
18518	D85 base ladder	6.3	2	2	2	2	2	2	2	2	2	2	2	2
18506	Yellow declic® brace	2.4	2	4	4	6	6	8	8	10	10	12	12	12
18502	D85 2m ladder	6.7	0	1	2	3	4	5	6	7	8	9	10	10
18500	D85 1m ladder	3.7	2	2	2	2	2	2	2	2	2	2	2	2
254201	2.54m floor	24.8	1	1	2	2	2	3	3	3	4	4	4	4
18505	Blue declic® handrail	1.4	4	4	8	8	8	12	12	12	16	16	16	16
200201	DS1 stabilizer	3.8	4	4	4	4	4	4	0	0	0	0	0	0
200202	DS2 stabilizer	6.9	0	0	0	0	0	0	4	4	4	4	4	4
<b>Total weight (kg)</b>			99	110	147	159	165	207	226	237	274	286	292	292

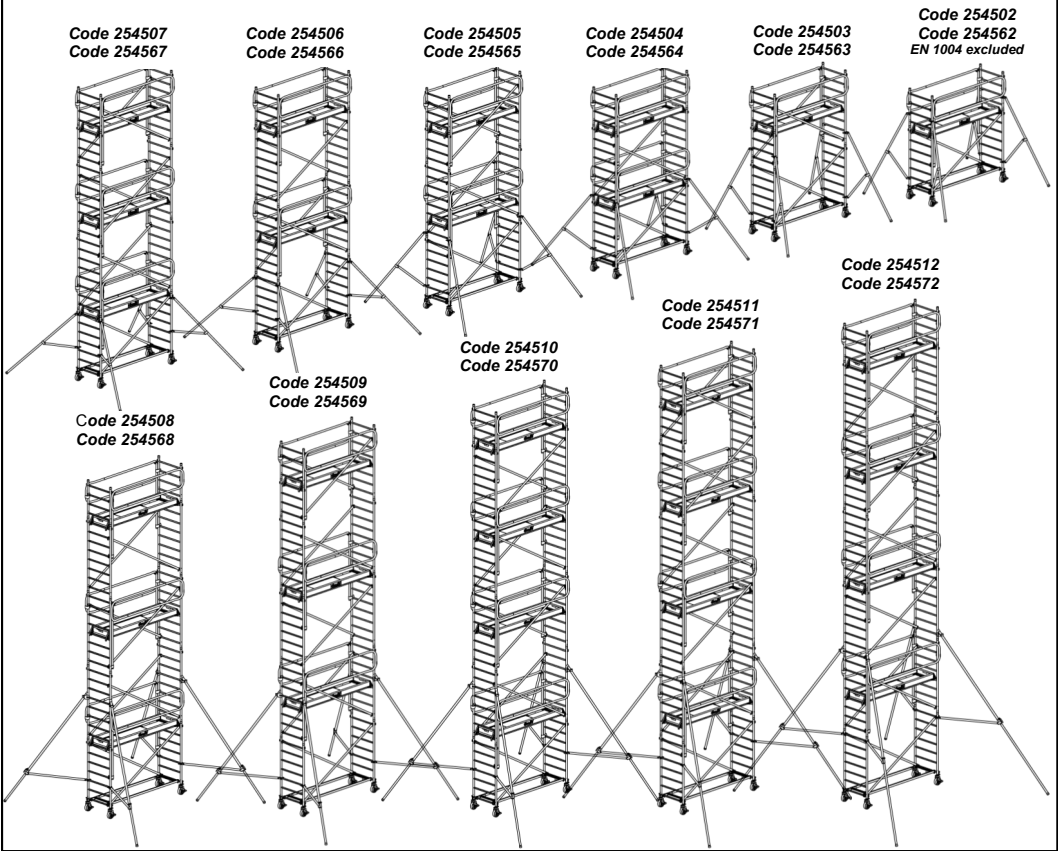




DOCKER 85 2.54M EXM SAFETY RAILS MODEL

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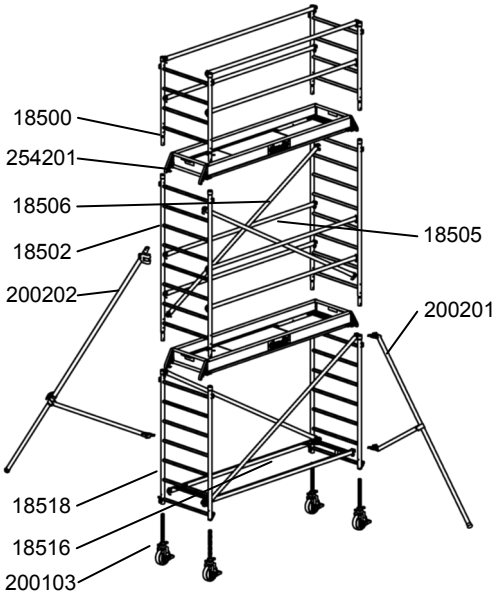
<div><div><div>ISO 9001 CERTIFICATION</div><div>NF</div></div><div>Product code</div></div>			EXM2 safety rail											EXM1 safety rail										
			254502	254503	254504	254505	254506	254507	254508	254509	254510	254511	254512	254562	254563	254564	254565	254566	254567	254568	254569	254570	254571	254572
Floor height (m)			1.9	2.9	3.9	4.9	5.9	6.9	7.9	8.9	9.9	10.9	11.9	1.9	2.9	3.9	4.9	5.9	6.9	7.9	8.9	9.9	10.9	11.9
Work height (m)			3.9	4.9	5.9	6.9	7.9	8.9	9.9	10.9	11.9	12.9	13.9	3.9	4.9	5.9	6.9	7.9	8.9	9.9	10.9	11.9	12.9	13.9
Code	Designation	Wt.	Quantities											Quantities										
200103	Screw shaft wheel	6.0	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
18516	2.54m base body	4.6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18518	D85 base ladder	6.3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
18506	Yellow dedlic® brace	2.4	2	4	4	6	6	8	8	10	10	12	12	2	4	4	6	6	8	8	10	10	12	12
18502	D85 2m ladder	6.7	0	1	2	3	4	5	6	7	8	9	10	0	1	2	3	4	5	6	7	8	9	10
18500	D85 1m ladder	3.7	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
254201	2.54m floor	24.8	1	1	2	2	2	3	3	3	4	4	4	1	1	2	2	2	3	3	3	4	4	4
254221	2,54m EXM1 safety rail	6.9	0	0	0	0	0	0	0	0	0	0	0	2	2	4	4	4	6	6	6	8	8	8
254222	2,54m EXM2 safety rail	6.6	2	2	4	4	4	6	6	6	8	8	8	0	0	0	0	0	0	0	0	0	0	0
200201	DS1 stabilizer	3.8	4	4	4	4	4	4	0	0	0	0	0	4	4	4	4	4	4	0	0	0	0	0
200202	DS2 stabilizer	6.9	0	0	0	0	0	0	4	4	4	4	4	0	0	0	0	0	0	4	4	4	4	4
Total weight (kg)			106	118	162	174	180	230	249	260	305	316	323	107	118	164	175	182	232	251	262	307	319	325



# DOCKER 85 2.54M ELEMENT DESCRIPTION

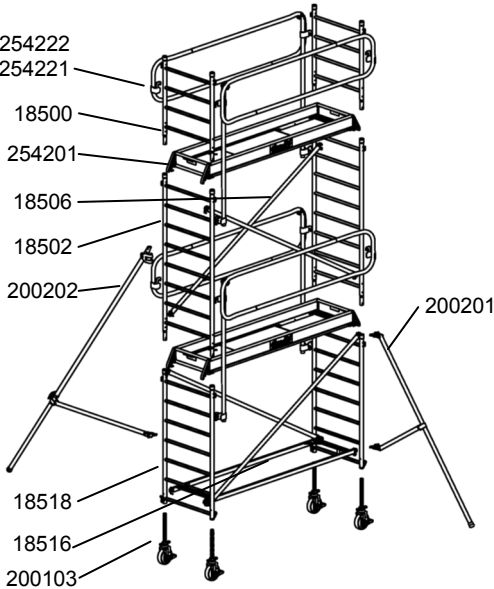


**Handrail model (non contractual schematic)**



**EXM safety rail model (non contractual schematic)**

EXM2 model: 254222  
EXM1 model: 254221





# DOCKER 85 2.54M STABILIZERS' POSITION

D040384B

**LOADING CONDITIONS: CLASS 3 (200 KG/M²)**

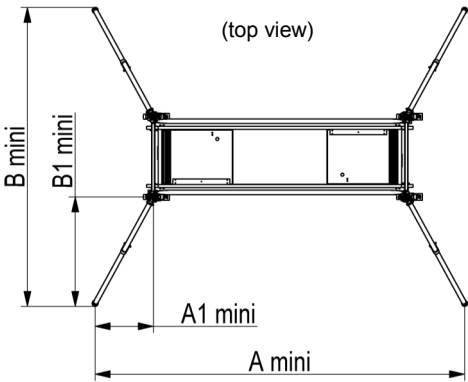
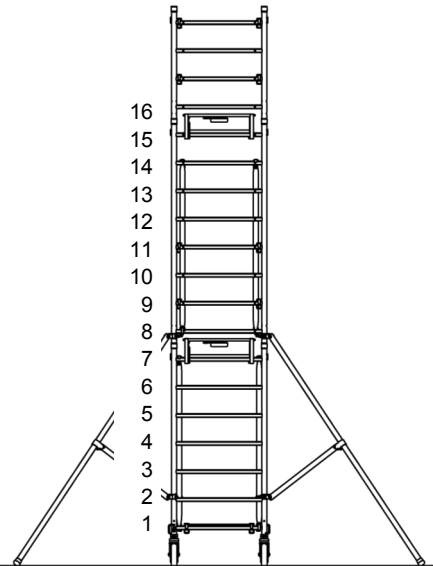
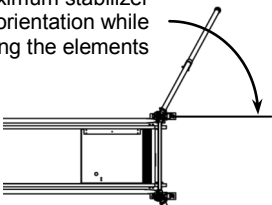
1 level loaded at 100% with 1 operator

Lg 2,05m...**232 daN**  
Lg 2,54m...**292 daN**  
Lg 2,95m...**340 daN**      (1 daN ≈ 1 Kg)

1 extra level loaded at 50% with 1 operator

Lg 2,05m...**116 daN**  
Lg 2,54m...**146 daN**  
Lg 2,95m...**170 daN**      (1 daN ≈ 1 Kg)


Maximum stabilizer  
orientation while  
manipulating the elements

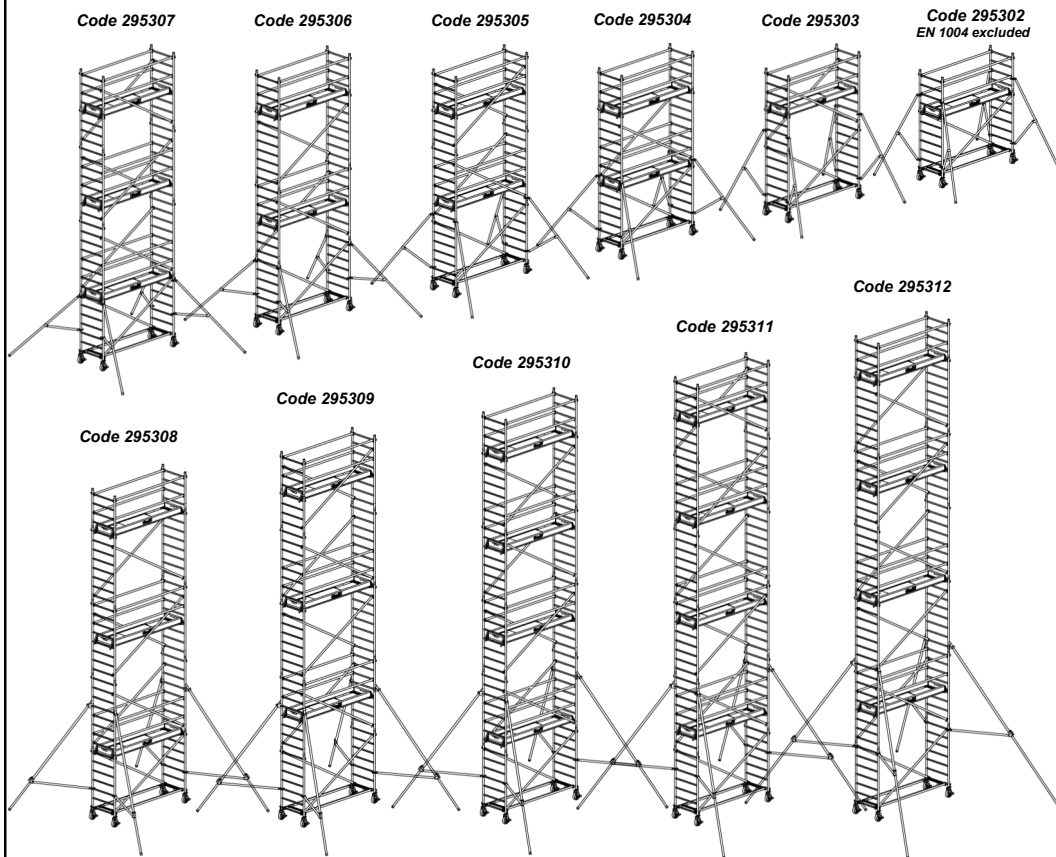


Stab.	Size in mm		Length 2.54m			
	Stabilizer hook position	Floor Height	A1 mini	B1 mini	A mini	B mini
DS1	9th rung	1.9m	0	240	2540	1285
	9th rung	2.9m	0	470	2540	1745
	8th rung	3.9m	80	660	2700	2125
	8th rung	4.9m	70	910	2680	2625
	7th rung	5.9m	370	1140	3280	3085
	7th rung	6.9m	380	1340	3300	3485
DS2	12th rung	7.9m	550	1530	3640	3865
	12th rung	8.9m	840	1780	4220	4365
	13th rung	9.9m	770	1980	4080	4765
	14th rung	10.9m	990	2260	4520	5325
	16th rung	11.9m	1170	2550	4880	5905

In case your worksite prevents you from following the stabilizer's docking position, please refer to the special cases on page 50.

# DOCKER 85 2.95M HANDRAIL MODEL

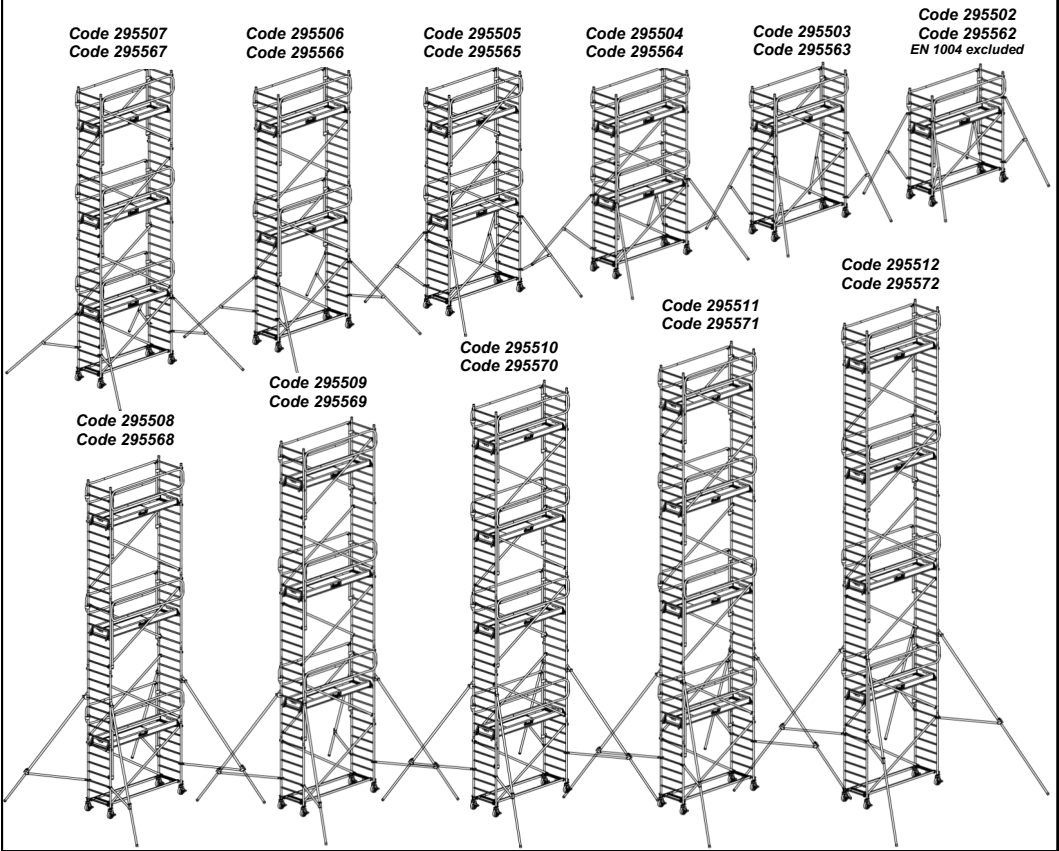
 <b>Product code</b>			295302	295303	295304	295305	295306	295307	295308	295309	295310	295311	295312
Floor Height (m)			1.9	2.9	3.9	4.9	5.9	6.9	7.9	8.9	9.9	10.9	11.9
Work height (m)			3.9	4.9	5.9	6.9	7.9	8.9	9.9	10.9	11.9	12.9	13.9
Code	Designation	Wt.	Quantities										
200103	Screw shaft wheel	6.0	4	4	4	4	4	4	4	4	4	4	4
18517	2.95m base body	5.1	1	1	1	1	1	1	1	1	1	1	1
18518	D85 base ladder	6.3	2	2	2	2	2	2	2	2	2	2	2
18507	Green dedlic® brace	2.6	2	4	4	6	6	8	8	10	10	12	12
18502	D85 2m ladder	6.7	0	1	2	3	4	5	6	7	8	9	10
18500	D85 1m ladder	3.7	2	2	2	2	2	2	2	2	2	2	2
295201	2.95m floor	27.4	1	1	2	2	2	3	3	3	4	4	4
18506	Yellow dedlic® handrail	2.4	4	4	8	8	8	12	12	12	16	16	16
200201	DS1 stabilizer	3.8	4	4	4	4	4	4	0	0	0	0	0
200202	DS2 stabilizer	6.9	0	0	0	0	0	0	4	4	4	4	4
<b>Total weight (kg)</b>			106	118	162	174	180	229	248	260	303	315	322



DOCKER 85 2.95M EXM SAFETY RAILS MODEL

D040384B

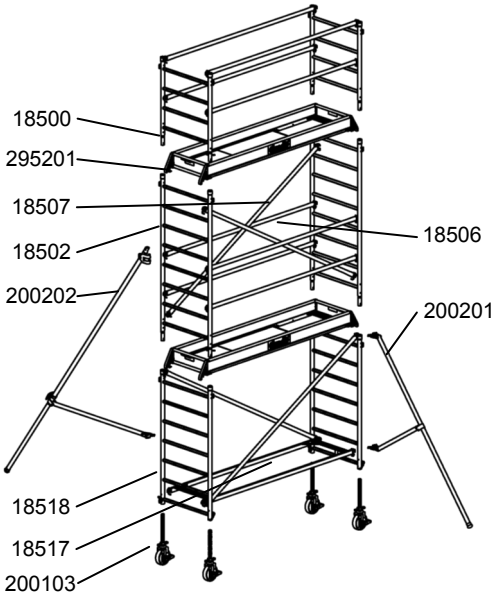
<div><div><div>NF</div><div>SAFETY CERTIFICATION</div></div></div> <div>Product code</div>			EXM2 safety rail												EXM1 safety rail											
			295502	295503	295504	295505	295506	295507	295508	295509	295510	295511	295512	295562	295563	295564	295565	295566	295567	295568	295569	295570	295571	295572		
Floor height (m)			1.9	2.9	3.9	4.9	5.9	6.9	7.9	8.9	9.9	10.9	11.9	1.9	2.9	3.9	4.9	5.9	6.9	7.9	8.9	9.9	10.9	11.9		
Work height (m)			3.9	4.9	5.9	6.9	7.9	8.9	9.9	10.9	11.9	12.9	13.9	3.9	4.9	5.9	6.9	7.9	8.9	9.9	10.9	11.9	12.9	13.9		
Code	Designation	Wt.	Quantities												Quantities											
200103	Screw shaft wheel	6.0	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4		
18517	2.95m base body	5.1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
18518	D85 base ladder	6.3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
18507	Green declic® brace	2.6	2	4	4	6	6	8	8	10	10	12	12	2	4	4	6	6	8	8	10	10	12	12		
18502	D85 2m ladder	6.7	0	1	2	3	4	5	6	7	8	9	10	0	1	2	3	4	5	6	7	8	9	10		
18500	D85 1m ladder	3.7	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
295201	2.95m floor	27.4	1	1	2	2	2	3	3	3	4	4	4	1	1	2	2	2	3	3	3	4	4	4		
295221	2.95m EXM1 safety rail	7.5	0	0	0	0	0	0	0	0	0	0	0	2	2	4	4	4	6	6	6	8	8	8		
295222	2.95m EXM2 safety rail	7.2	2	2	4	4	4	6	6	6	8	8	8	0	0	0	0	0	0	0	0	0	0	0		
200201	DS1 stabilizer	3.8	4	4	4	4	4	4	0	0	0	0	0	4	4	4	4	4	4	0	0	0	0	0		
200202	DS2 stabilizer	6.9	0	0	0	0	0	0	4	4	4	4	4	0	0	0	0	0	0	4	4	4	4	4		
Total weight (kg)			111	123	172	184	190	244	263	275	323	335	342	112	124	173	185	191	246	264	276	325	337	344		



# DOCKER 85 2.95M ELEMENT DESCRIPTION

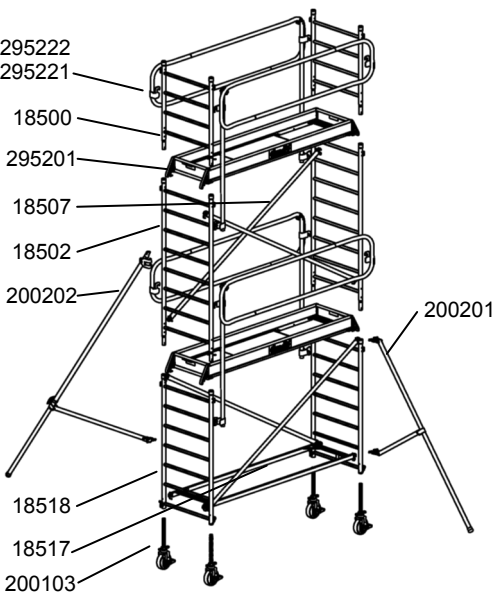


**Handrail model (non contractual schematic)**



**EXM safety rail model (non contractual schematic)**

EXM2 model: 295222  
EXM1 model: 295221



# DOCKER 85 2.95M STABILIZERS' POSITION

D040384B

**LOADING CONDITIONS: CLASS 3 (200 Kg/M<sup>2</sup>)**

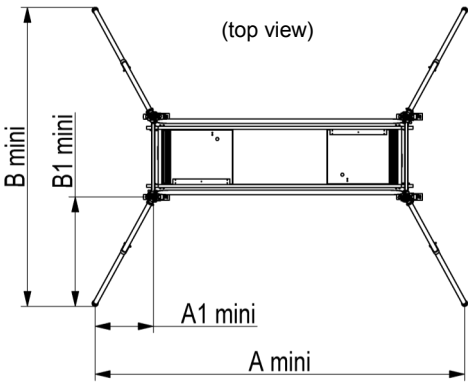
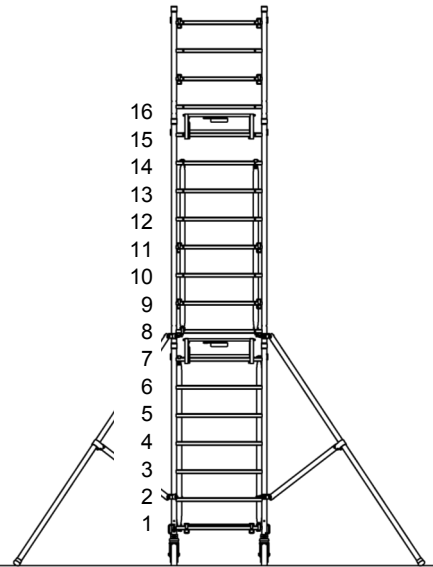
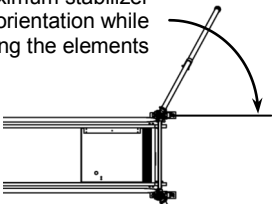
1 level loaded at 100% with 1 operator

Lg 2,05m...**232 daN**  
Lg 2,54m...**292 daN**  
Lg 2,95m...**340 daN**      (1 daN ≈ 1 Kg)

1 extra level loaded at 50% with 1 operator

Lg 2,05m...**116 daN**  
Lg 2,54m...**146 daN**  
Lg 2,95m...**170 daN**      (1 daN ≈ 1 Kg)


Maximum stabilizer  
orientation while  
manipulating the elements

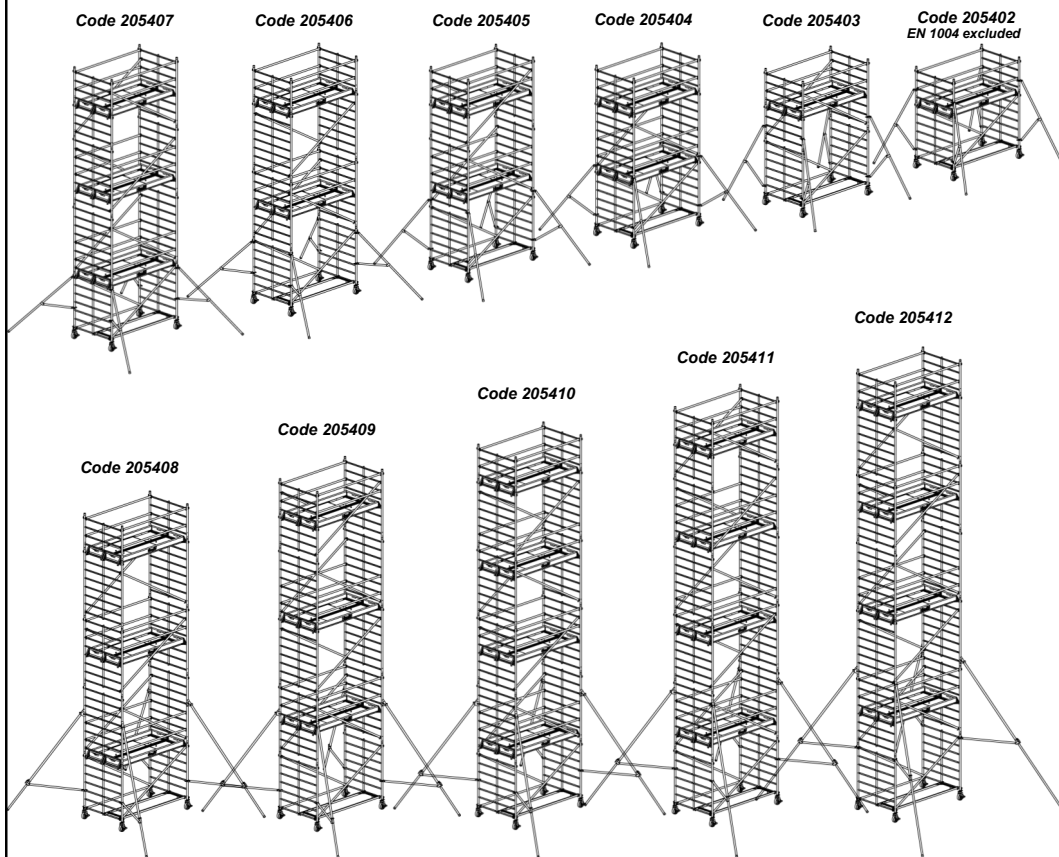


Stab.	Size in mm		Length 2.95m			
	Stabilizer hook position	Floor Height	A1 mini	B1 mini	A mini	B mini
DS1	9th rung	1.9m	0	210	2950	1225
	9th rung	2.9m	0	420	2950	1645
	8th rung	3.9m	0	700	2950	2205
	8th rung	4.9m	0	960	2950	2725
	7th rung	5.9m	205	1190	3360	3185
	7th rung	6.9m	195	1390	3340	3585
DS2	12th rung	7.9m	355	1600	3660	4005
	12th rung	8.9m	635	1850	4220	4505
	13th rung	9.9m	545	2070	4040	4945
	14th rung	10.9m	745	2350	4440	5505
	16th rung	11.9m	905	2660	4760	6125

In case your worksite prevents you from following the stabilizer's docking position, please refer to the special cases on page 50.

# DOCKER 150 2.05M HANDRAIL MODEL

 <b>Product code</b>			205402	205403	205404	205405	205406	205407	205408	205409	205410	205411	205412
Floor height (m)			1.9	2.9	3.9	4.9	5.9	6.9	7.9	8.9	9.9	10.9	11.9
Work height (m)			3.9	4.9	5.9	6.9	7.9	8.9	9.9	10.9	11.9	12.9	13.9
Code	Designation	Wt.	Quantities										
200103	Screw shaft wheel	6.0	4	4	4	4	4	4	4	4	4	4	4
18515	2,05m base body	4.0	1	1	1	1	1	1	1	1	1	1	1
18519	D150 base ladder	9.2	2	2	2	2	2	2	2	2	2	2	2
18505	Blue declic® brace	1.4	2	4	4	6	6	8	8	10	10	12	12
18512	D150 2m ladder	10.0	0	1	2	3	4	5	6	7	8	9	10
18513	D150 1m ladder	5.3	2	2	2	2	2	2	2	2	2	2	2
205301	2.05m floor w/3 toeboards	19.9	2	2	4	4	4	6	6	6	8	8	8
18504	Red declic® handrail	1.2	5	5	9	9	9	13	13	13	17	17	17
200201	DS1 stabilizer	3.8	4	4	4	4	4	4	0	0	0	0	0
200202	DS2 stabilizer	6.9	0	0	0	0	0	0	4	4	4	4	4
<b>Total weight (kg)</b>			121	134	188	201	211	268	290	303	358	370	380

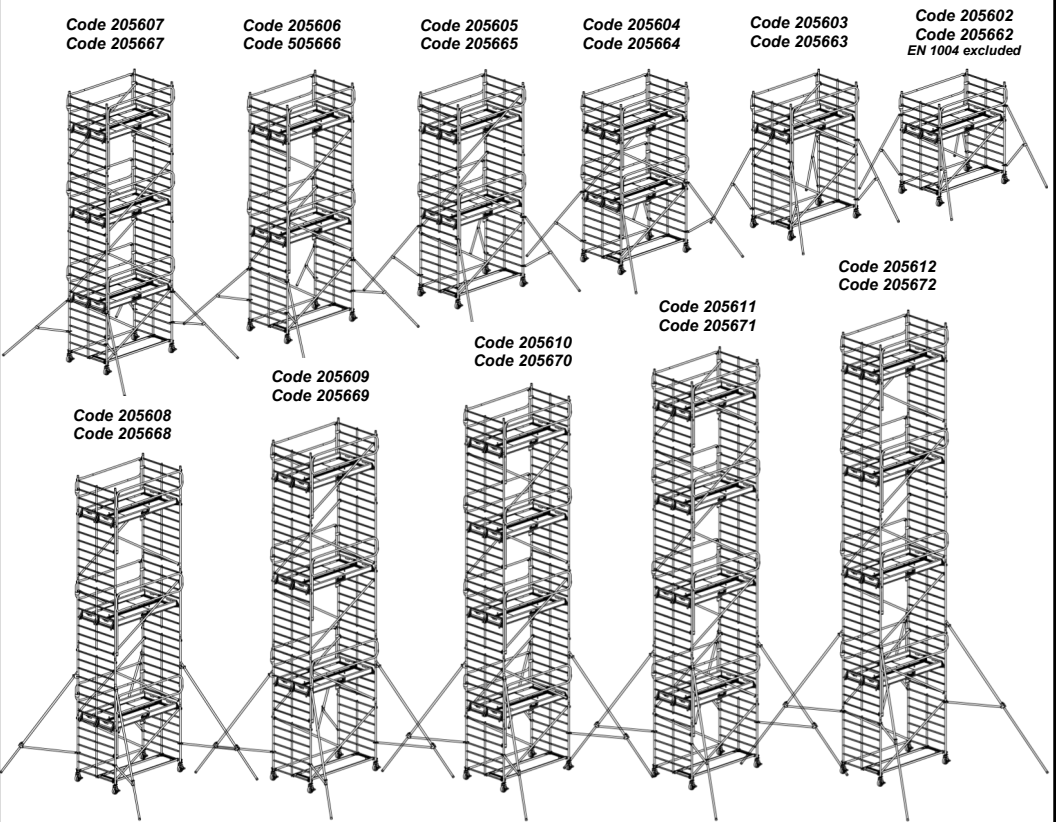




# DOCKER 150 2.05M EXM SAFETY RAILS MODEL

D040384B

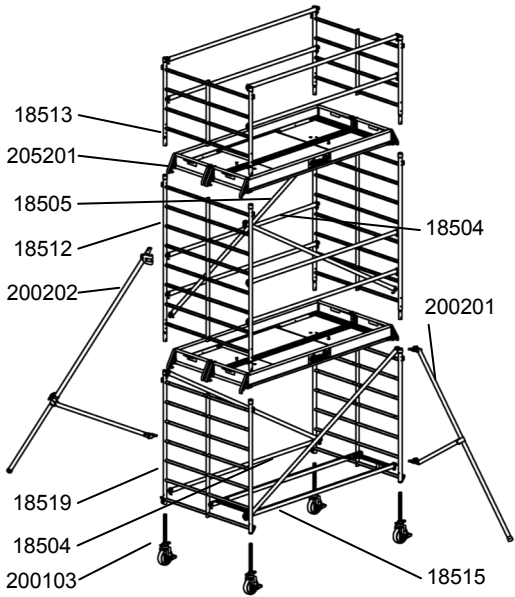
<div><div><div>NF</div><div>SAFETY RAIL CERTIFICATION</div></div></div> <div>Product code</div>			EXM2 safety rail												EXM1 safety rail											
			205602	205603	205604	205605	205606	205607	205608	205609	205610	205611	205612	205662	205663	205664	205665	205666	205667	205668	205669	205670	205671	205672		
Floor height (m)			1.9	2.9	3.9	4.9	5.9	6.9	7.9	8.9	9.9	10.9	11.9	1.9	2.9	3.9	4.9	5.9	6.9	7.9	8.9	9.9	10.9	11.9		
Work height (m)			3.9	4.9	5.9	6.9	7.9	8.9	9.9	10.9	11.9	12.9	13.9	3.9	4.9	5.9	6.9	7.9	8.9	9.9	10.9	11.9	12.9	13.9		
Code	Designation	Wt.	Quantities												Quantities											
200103	Screw shaft wheel	6.0	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4		
18515	2,05m base body	4.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
18519	D150 base ladder	9.2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
18504	Red declic® handrail	1.2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
18505	Blue declic® brace	1.4	2	4	4	6	6	8	8	10	10	12	12	2	4	4	6	6	8	8	10	10	12	12		
18512	D150 2m ladder	10.0	0	1	2	3	4	5	6	7	8	9	10	0	1	2	3	4	5	6	7	8	9	10		
18513	D150 1m ladder	5.3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
205301	2.05m floor w/3 toeboards	19.9	2	2	4	4	4	6	6	8	8	8	8	2	2	4	4	4	6	6	8	8	8	8		
205221	2.05m EXM1 safety rail	6.2	0	0	0	0	0	0	0	0	0	0	0	2	2	4	4	4	6	6	6	8	8	8		
205222	2.05m EXM2 safety rail	5.9	2	2	4	4	4	6	6	6	8	8	8	0	0	0	0	0	0	0	0	0	0	0		
200201	DS1 stabilizer	3.8	4	4	4	4	4	4	0	0	0	0	0	4	4	4	4	4	4	0	0	0	0	0		
200202	DS2 stabilizer	6.9	0	0	0	0	0	0	4	4	4	4	4	0	0	0	0	0	4	4	4	4	4	4		
Total weight (kg)			128	141	202	215	225	289	312	324	386	399	409	128	141	203	216	226	291	313	326	388	401	411		



# DOCKER 150 2.05M ELEMENT DESCRIPTION

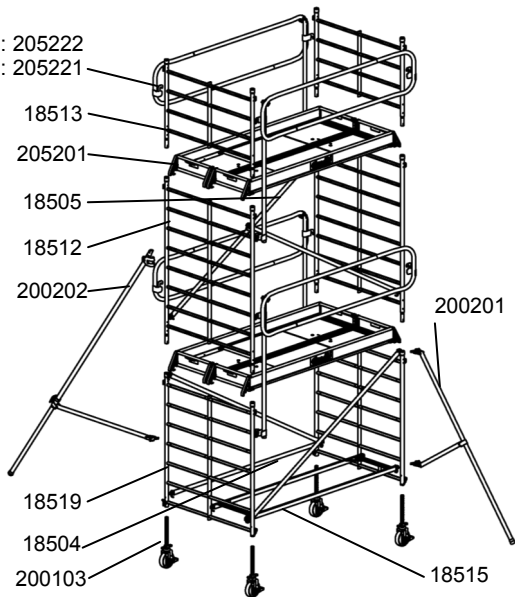


*Handrail model (non contractual schematic)*



*EXM safety rail model (non contractual schematic)*

EXM2 model: 205222  
EXM1 model: 205221





# DOCKER 150 2.05M STABILIZERS' POSITION

D040384B

## LOADING CONDITIONS: CLASS 2 (150 Kg/M²)

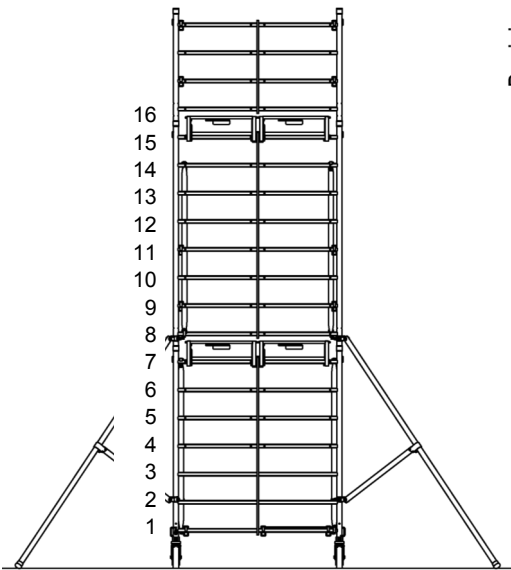
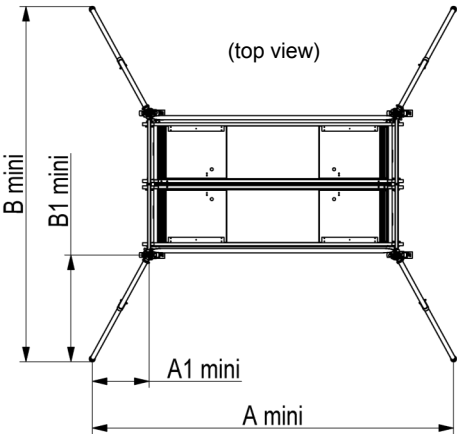
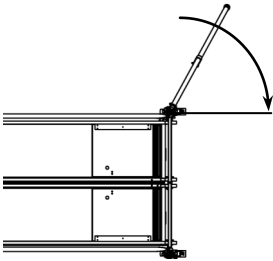
1 level loaded at 100% with 2 operators maximum

Lg 2,05m...**363 daN**  
Lg 2,54m...**454 daN**  
Lg 2,95m...**531 daN** (1 daN ≈ 1 Kg)

Maximum stabilizer orientation while manipulating the elements

1 extra level loaded at 50% with 2 operators maximum


Lg 2,05m...**363 daN**  
Lg 2,54m...**454 daN**  
Lg 2,95m...**531 daN** (1 daN ≈ 1 Kg)

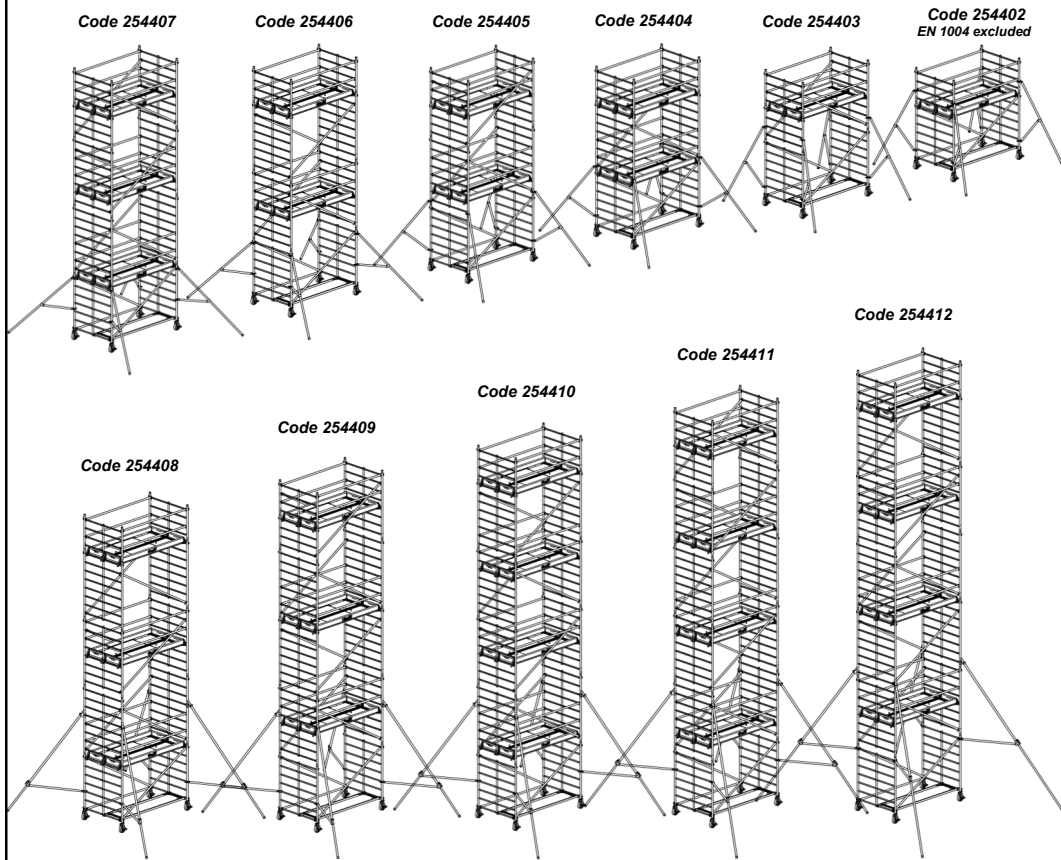


In case your worksite prevents you from following the stabilizer's docking position, please refer to the special cases on page 50.

Stab.	Size in mm		Length 2.05 m			
	Stabilizer hook position	Floor Height	A1 mini	B1 mini	A mini	B mini
DS1	9th rung	1.9m	185	260	2420	1975
	9th rung	2.9m	465	550	2980	2555
	8th rung	3.9m	495	590	3040	2635
	8th rung	4.9m	685	810	3420	3075
	7th rung	5.9m	895	1030	3840	3515
	7th rung	6.9m	965	1050	3980	3555
DS2	12th rung	7.9m	985	1180	4020	3815
	12th rung	8.9m	1285	1380	4620	4215
	13th rung	9.9m	1165	1300	4380	4055
	14th rung	10.9m	1417	1500	4884	4455
	16th rung	11.9m	1615	1670	5280	4795

## ***DOCKER 150 2.54M HANDRAIL MODEL***

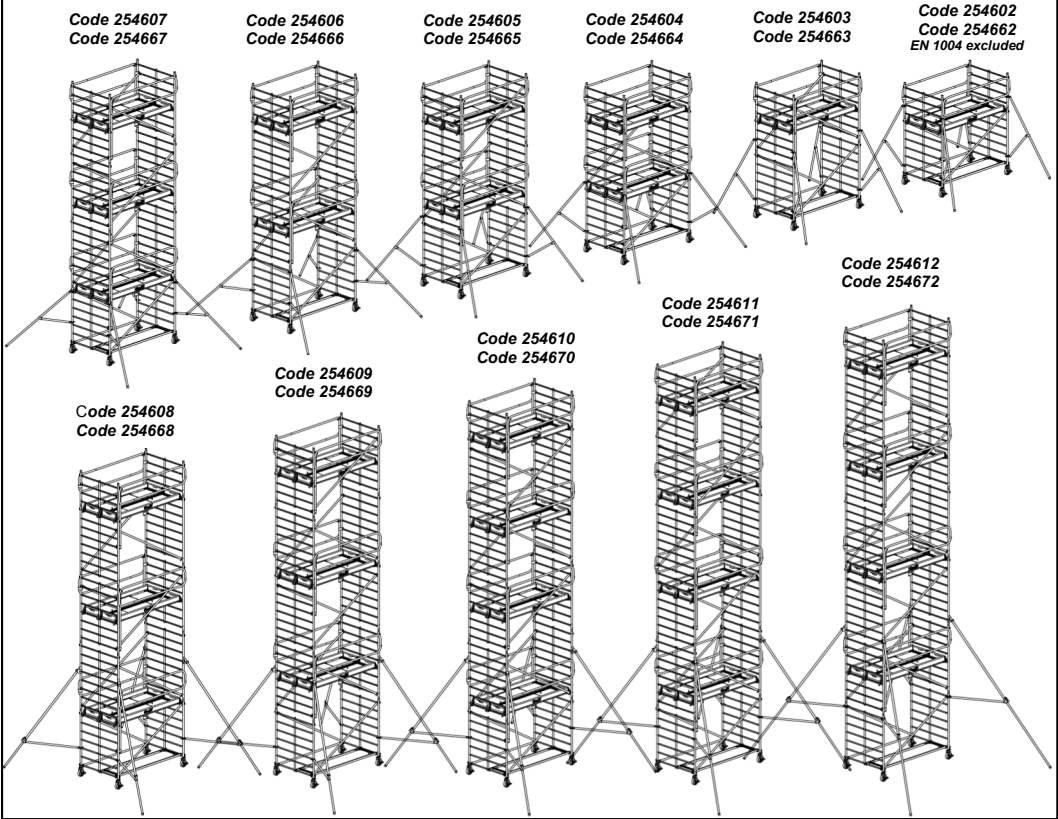
			<b>Product code</b>		254402	254403	254404	254405	254406	254407	254408	254409	254410	254411	254412
Floor height (m)					1.9	2.9	3.9	4.9	5.9	6.9	7.9	8.9	9.9	10.9	11.9
Work height (m)					3.9	4.9	5.9	6.9	7.9	8.9	9.9	10.9	11.9	12.9	13.9
<b>Code</b>	<b>Designation</b>	<b>Wt.</b>	<b>Quantities</b>												
200103	Screw shaft wheel	6.0	4	4	4	4	4	4	4	4	4	4	4	4	4
18516	2.54m base body	4.6	1	1	1	1	1	1	1	1	1	1	1	1	1
18519	D150 base ladder	9.2	2	2	2	2	2	2	2	2	2	2	2	2	2
18506	Yellow declic® brace	2.4	2	4	4	6	6	8	8	10	10	12	12	12	12
18512	D150 2m ladder	10.0	0	1	2	3	4	5	6	7	8	9	10	10	10
18513	D150 1m ladder	5.3	2	2	2	2	2	2	2	2	2	2	2	2	2
254301	2.54m floor w/3 toeboards	23.2	2	2	4	4	4	6	6	6	8	8	8	8	8
18505	Blue declic® handrail	1.4	5	5	9	9	9	13	13	13	17	17	17	17	17
200201	DS1 stabilizer	3.8	4	4	4	4	4	4	0	0	0	0	0	0	0
200202	DS2 stabilizer	6.9	0	0	0	0	0	0	0	4	4	4	4	4	4
<b>Total weight (kg)</b>			131	146	208	222	232	299	321	336	398	413	423	423	423



DOCKER 150 2.54M EXM SAFETY RAILS MODEL

D040384B

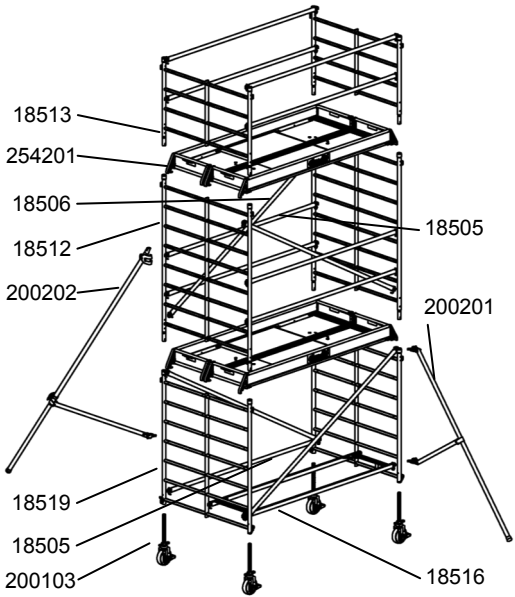
<div><div>ISO 9001 CERTIFICATION</div><div>NF</div></div> <div>Product code</div>			EXM2 safety rail											EXM1 safety rail										
			254602	254603	254604	254605	254606	254607	254608	254609	254610	254611	254612	254662	254663	254664	254665	254666	254667	254668	254669	254670	254671	254672
Floor height (m)			1.9	2.9	3.9	4.9	5.9	6.9	7.9	8.9	9.9	10.9	11.9	1.9	2.9	3.9	4.9	5.9	6.9	7.9	8.9	9.9	10.9	11.9
Work height (m)			3.9	4.9	5.9	6.9	7.9	8.9	9.9	10.9	11.9	12.9	13.9	3.9	4.9	5.9	6.9	7.9	8.9	9.9	10.9	11.9	12.9	13.9
Code	Designation	Wt.	Quantities											Quantities										
200103	Screw shaft wheel	6.0	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
18516	2.54m base body	4.6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18519	D150 base ladder	9.2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
18505	Blue declic® handrail	1.4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18506	Yellow declic® brace	2.4	2	4	4	6	6	8	8	10	10	12	12	2	4	4	6	6	8	8	10	10	12	12
18512	D150 2m ladder	10.0	0	1	2	3	4	5	6	7	8	9	10	0	1	2	3	4	5	6	7	8	9	10
18513	D150 1m ladder	5.3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
254301	2.54m floor w/3 toeboards	23.2	2	2	4	4	4	6	6	6	8	8	8	2	2	4	4	4	6	6	6	8	8	8
254221	2.54m EXM1 safety rail	6.9	0	0	0	0	0	0	0	0	0	0	0	2	2	4	4	4	6	6	6	8	8	8
254222	2.54m EXM2 safety rail	6.6	2	2	4	4	4	6	6	6	8	8	8	0	0	0	0	0	0	0	0	0	0	0
200201	DS1 stabilizer	3.8	4	4	4	4	4	4	0	0	0	0	0	4	4	4	4	4	4	0	0	0	0	0
200202	DS2 stabilizer	6.9	0	0	0	0	0	0	4	4	4	4	4	0	0	0	0	0	0	4	4	4	4	4
Total weight (kg)			139	153	223	238	248	322	344	359	429	443	453	139	154	224	239	249	324	346	361	431	446	456



# DOCKER 150 2.54M ELEMENT DESCRIPTION

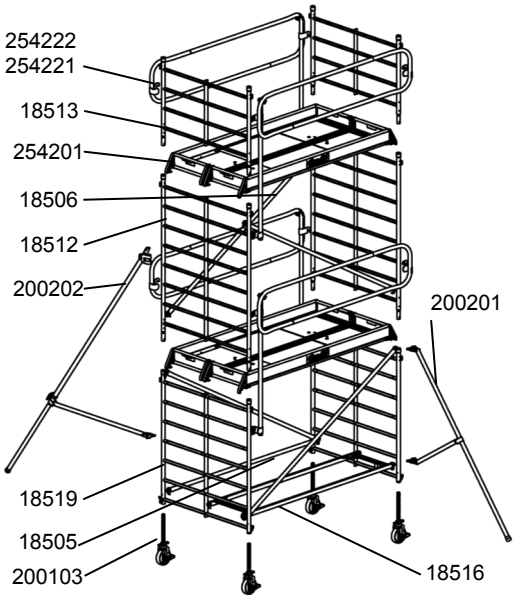


*Handrail model (non contractual schematic)*



*EXM safety rail model (non contractual schematic)*

EXM2 model: 254222  
EXM1 model: 254221

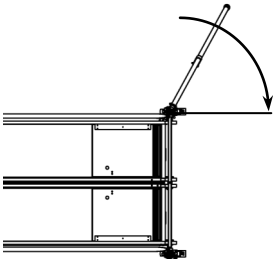


LOADING CONDITIONS: CLASS 2 (150 KG/M²)

1 level loaded at 100% with 2 operators maximum

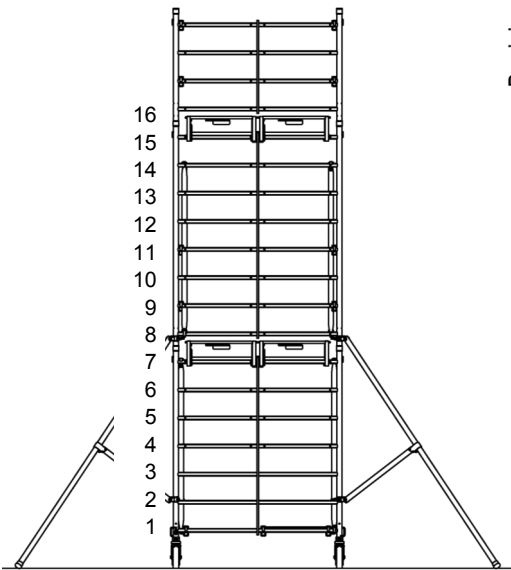
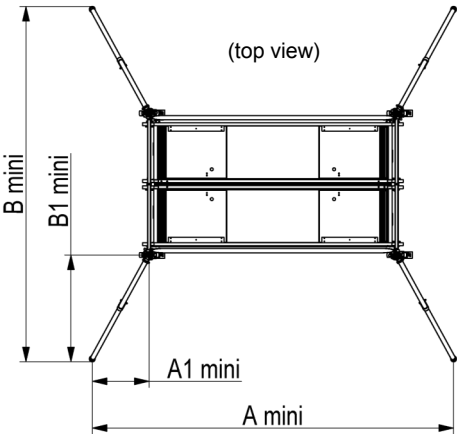
Lg 2,05m...**363 daN**  
Lg 2,54m...**454 daN**  
Lg 2,95m...**531 daN** (1 daN ≈ 1

Maximum stabilizer orientation while manipulating the elements



1 extra level loaded at 50% with 2 operators maximum


Lg 2,05m...**363 daN**  
Lg 2,54m...**454 daN**  
Lg 2,95m...**531 daN** (1 daN ≈ 1 Kg)

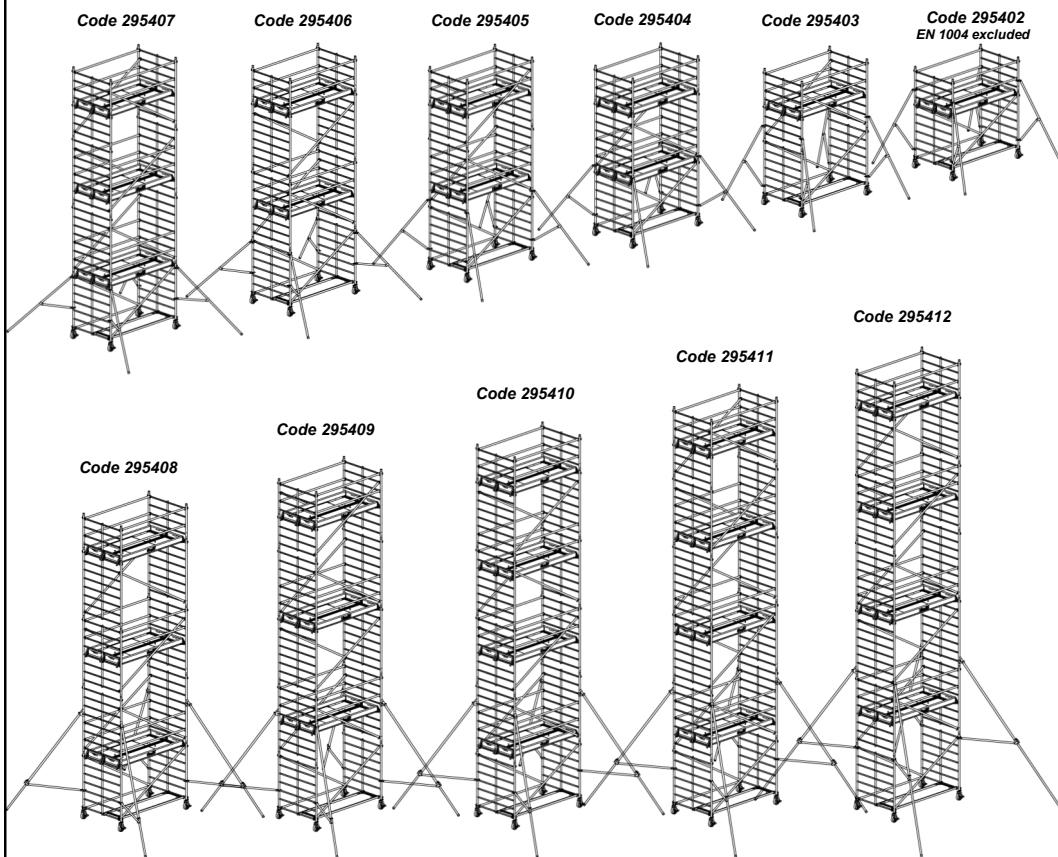


In case your worksite prevents you from following the stabilizer's docking position, please refer to the special cases on page 50.

Stab.	Size in mm		Length 2.54m			
	Stabilizer hook position	Floor Height	A1 mini	B1 mini	A mini	B mini
DS1	9th rung	1.9m	30	230	2600	1915
	9th rung	2.9m	280	490	3100	2435
	8th rung	3.9m	340	520	3220	2495
	8th rung	4.9m	440	720	3420	2895
	7th rung	5.9m	700	930	3940	3315
	7th rung	6.9m	740	960	4020	3375
DS2	12th rung	7.9m	850	1090	4240	3635
	12th rung	8.9m	1030	1270	4600	3995
	13th rung	9.9m	880	1240	4300	3935
	14th rung	10.9m	1080	1540	4700	4535
	16th rung	11.9m	1270	1720	5080	4895

# DOCKER 150 2.95M HANDRAIL

 <b>Product code</b>			295402	295403	295404	295405	295406	295407	295408	295409	295410	295411	295412
Floor height (m)			1.9	2.9	3.9	4.9	5.9	6.9	7.9	8.9	9.9	10.9	11.9
Work height (m)			3.9	4.9	5.9	6.9	7.9	8.9	9.9	10.9	11.9	12.9	13.9
<b>Code</b>	<b>Designation</b>	<b>Wt.</b>	<b>Quantities</b>										
200103	Screw shaft wheel	6.0	4	4	4	4	4	4	4	4	4	4	4
18517	2.95m base body	5.1	1	1	1	1	1	1	1	1	1	1	1
18519	D150 base ladder	9.2	2	2	2	2	2	2	2	2	2	2	2
18507	Green declic® brace	2.6	2	4	4	6	6	8	8	10	10	12	12
18512	D150 2m ladder	10.0	0	1	2	3	4	5	6	7	8	9	10
18513	D150 1m ladder	5.3	2	2	2	2	2	2	2	2	2	2	2
295301	2.95m floor w/3 toeboards	26.2	2	2	4	4	4	6	6	6	8	8	8
18506	Yellow declic® handrail	2.4	5	5	9	9	9	13	13	13	17	17	17
200201	DS1 stabilizer	3.8	4	4	4	4	4	4	0	0	0	0	0
200202	DS2 stabilizer	6.9	0	0	0	0	0	0	4	4	4	4	4
<b>Total weight (m)</b>			143	158	230	245	255	332	355	370	442	457	467





# DOCKER 150 2.95M EXM SAFETY RAILS MODEL

D040384B

<div><div><div>CE MARKING CERTIFICATION</div><div>NF</div></div><div>Product code</div></div>			EXM2 safety rail												EXM1 safety rail											
			295602	295603	295604	295605	295606	295607	295608	295609	295610	295611	295612	295662	295663	295664	295665	295666	295667	295668	295669	295670	295671	295672		
Floor height (m)			1.9	2.9	3.9	4.9	5.9	6.9	7.9	8.9	9.9	10.9	11.9	1.9	2.9	3.9	4.9	5.9	6.9	7.9	8.9	9.9	10.9	11.9		
Work height (m)			3.9	4.9	5.9	6.9	7.9	8.9	9.9	10.9	11.9	12.9	13.9	3.9	4.9	5.9	6.9	7.9	8.9	9.9	10.9	11.9	12.9	13.9		
Code	Designation	Wt.	Quantities												Quantities											
200103	Screw shaft wheel	6.0	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4		
18517	2.95m base body	5.1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
18519	D150 base ladder	9.2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
18506	Yellow dedic® handrail	2.4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
18507	Green dedic® brace	2.6	2	4	4	6	6	8	8	10	10	12	12	2	4	4	6	6	8	8	10	10	12	12		
18512	D150 2m ladder	10.0	0	1	2	3	4	5	6	7	8	9	10	0	1	2	3	4	5	6	7	8	9	10		
18513	D150 1m ladder	5.3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
295301	2.95m floor w/3 toeboards	26.2	2	2	4	4	4	6	6	6	8	8	8	2	2	4	4	4	6	6	6	8	8	8		
295221	2.95m EXM1 safety rail	7.5	0	0	0	0	0	0	0	0	0	0	0	2	2	4	4	4	6	6	6	8	8	8		
295222	2.95m EXM2 safety rail	7.2	2	2	4	4	4	6	6	6	8	8	8	0	0	0	0	0	0	0	0	0	0	0		
200201	DS1 stabilizer	3.8	4	4	4	4	4	4	0	0	0	0	0	4	4	4	4	4	4	0	0	0	0	0		
200202	DS2 stabilizer	6.9	0	0	0	0	0	0	4	4	4	4	4	0	0	0	0	0	0	4	4	4	4	4		
Total weight (kg)			148	163	240	255	265	347	369	385	461	477	487	148	164	241	256	266	349	371	386	464	479	489		

Code 295507  
Code 295567

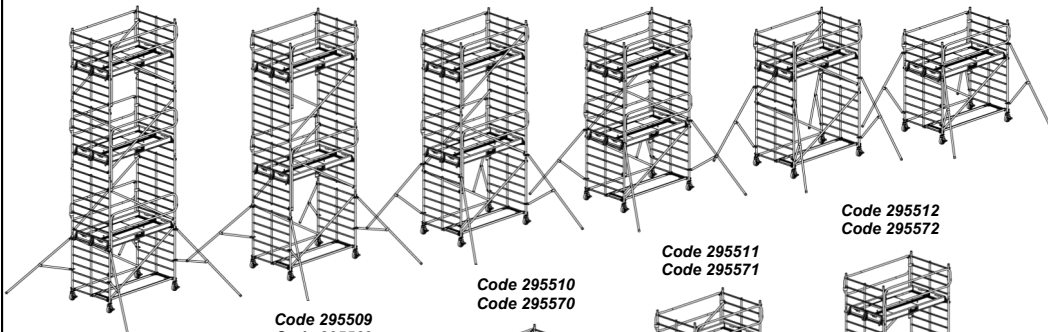
Code 295506  
Code 295566

Code 295505  
Code 295565

Code 295504  
Code 295564

Code 295503  
Code 295563

Code 295502  
Code 295562  
EN 1004 excluded



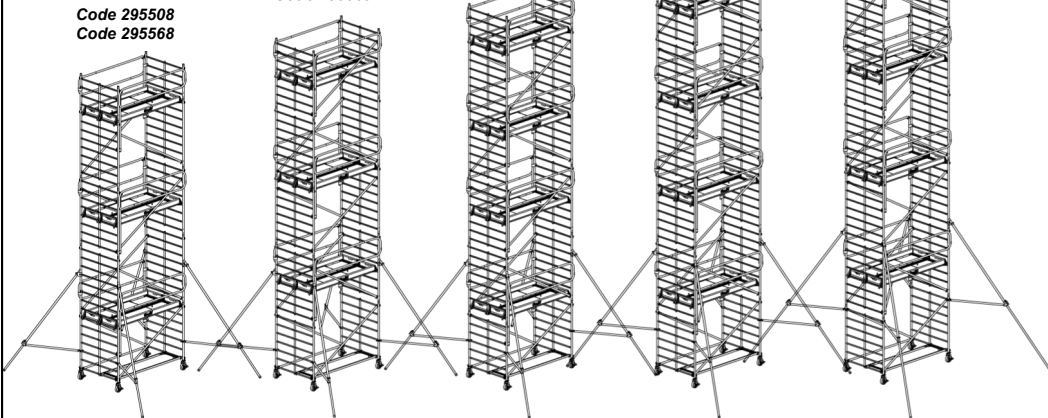
Code 295512  
Code 295572

Code 295511  
Code 295571

Code 295510  
Code 295570

Code 295509  
Code 295569

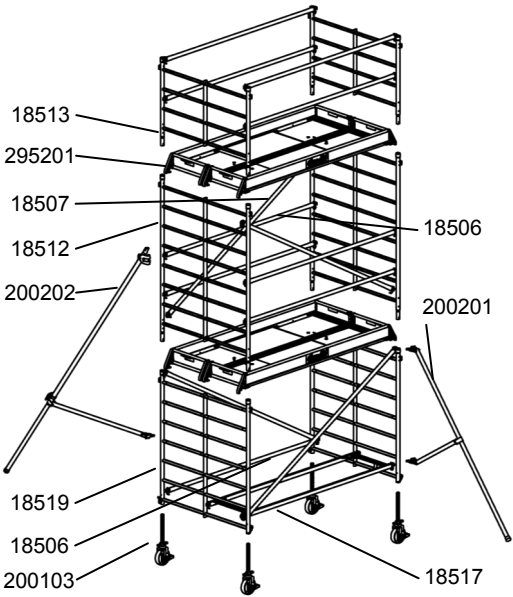
Code 295508  
Code 295568



# DOCKER 150 2.95M ELEMENT DESCRIPTION

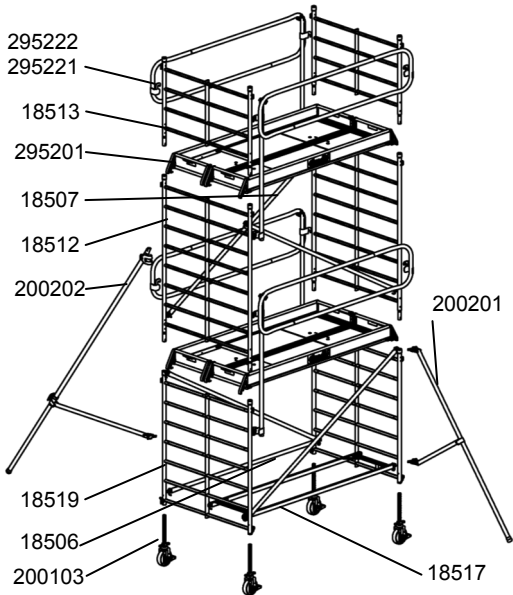


*Handrail model (non contractual schematic)*



*EXM safety rail model (non contractual schematic)*

EXM2 model: 295222  
EXM1model : 295221





## LOADING CONDITIONS: CLASSE 2 (150 KG/M<sup>2</sup>)

1 level loaded at 100% with 2 operators maximum

Lg 2,05m...**363 daN**

Lg 2,54m...**454 daN**

Lg 2,95m...**531 daN**

(1 daN ≈ 1

Maximum stabilizer orientation while manipulating the elements

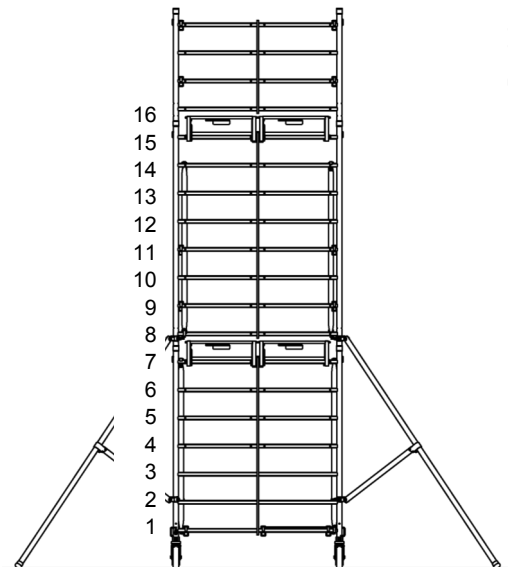
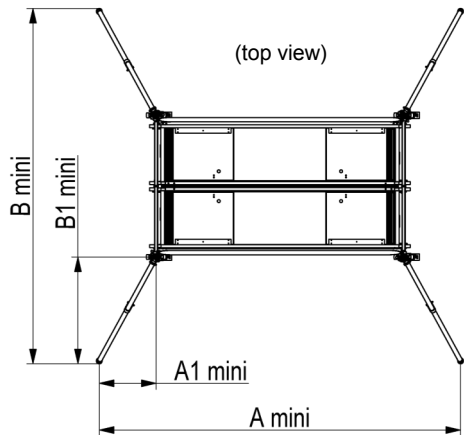
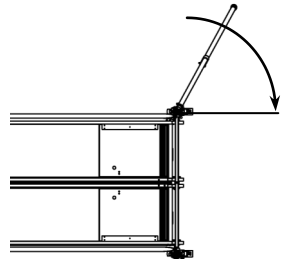
1 extra level loaded at 50% with 2 operators maximum

Lg 2,05m...**363 daN**

Lg 2,54m...**454 daN**

Lg 2,95m...**531 daN**

(1 daN ≈ 1 Kg)

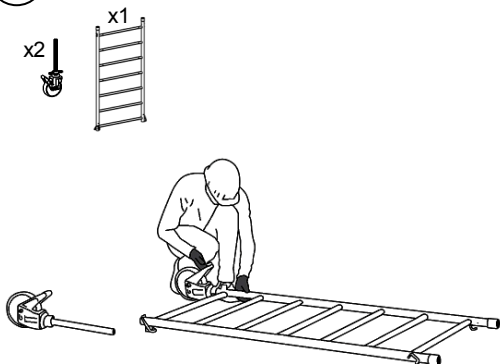


In case your worksite prevents you from following the stabilizer's docking position, please refer to the special cases on page 50.

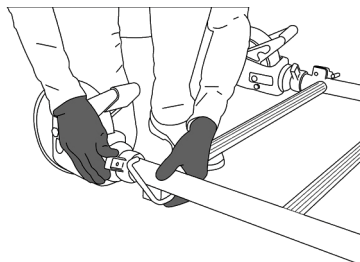
Stab.	Size in mm		Length 2.95m			
	Stabilizer hook position	Floor Height	A1 mini	B1 mini	A mini	B mini
DS1	9th rung	1.9m	0	210	2950	1875
	9th rung	2.9m	145	470	3240	2395
	8th rung	3.9m	215	480	3380	2415
	8th rung	4.9m	255	680	3460	2815
	7th rung	5.9m	565	880	4080	3215
	7th rung	6.9m	575	920	4100	3295
DS2	12th rung	7.9m	585	1040	4120	3535
	12th rung	8.9m	855	1260	4660	3975
	13th rung	9.9m	695	1420	4340	4295
	14th rung	10.9m	855	1620	4660	4695
	16th rung	11.9m	1025	1830	5000	5115

# Docker 85 assembly instructions

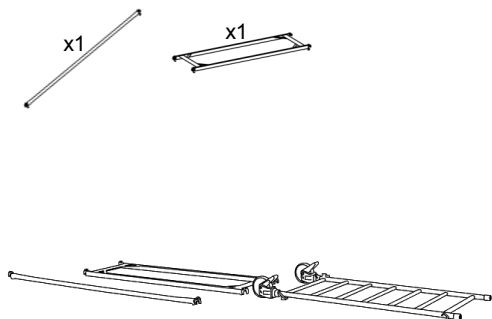
1 Insert the wheels on the base ladder.



2 Activate the mechanism and tighten the nut.

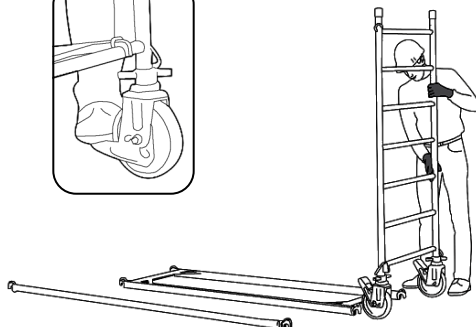
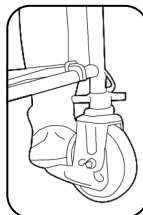


3 Prepare the base ladder with the base body and a diagonal brace.

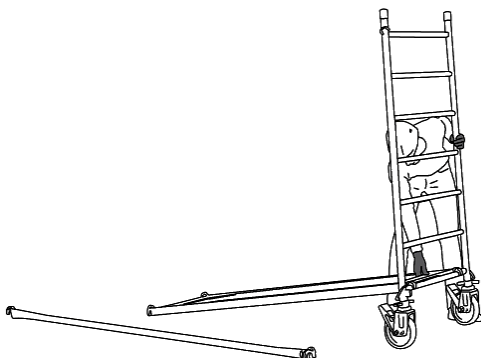


4 Put the base ladder up.

Lock the wheels.



5 Hang the base body on the base ladder's 1st rung.



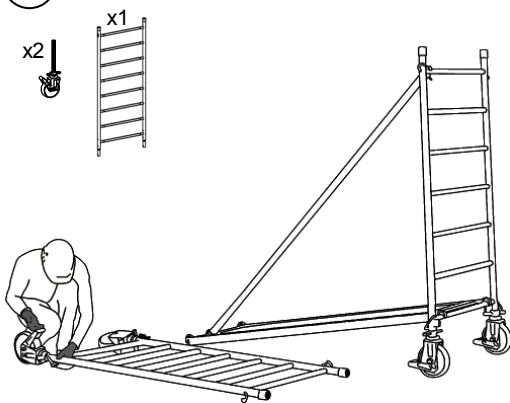
6 Hang the diagonal brace on the ladder's topmost rung.



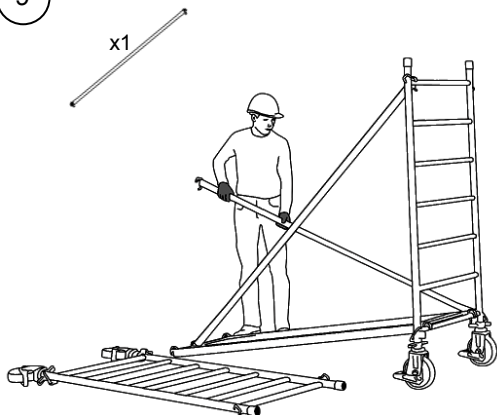
- 7 Set the lower end of the diagonal brace inside the base body so it touches under the step.



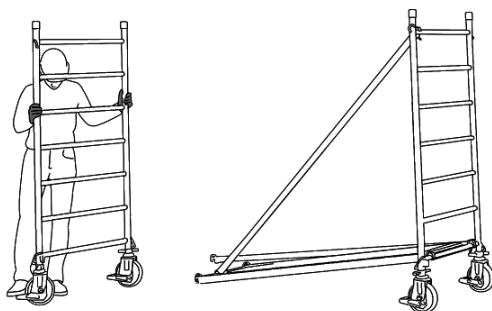
- 8 Insert the wheels on the base ladder.



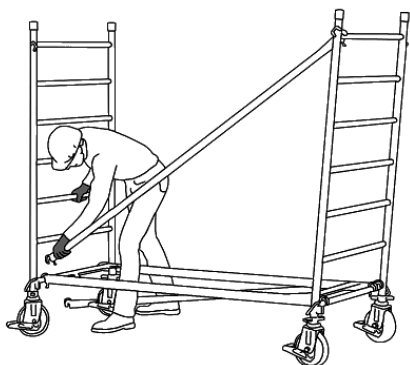
- 9 Hang the 2<sup>nd</sup> diagonal brace on the base ladder's 1<sup>st</sup> rung.



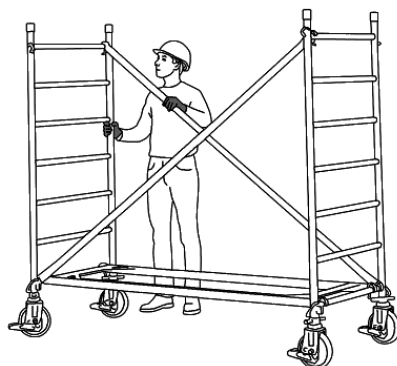
- 10 Put the base ladder up.  
Lock the wheels.



- 11 Hold together the base body and the diagonal brace to hang them, one after the other, on the ladder's 1<sup>st</sup> rung.



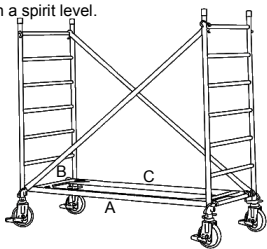
- 12 Cross the 2<sup>nd</sup> diagonal brace to the first.



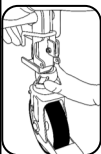
# Docker 85 assembly instructions

## 13 Adjust the scaffolding with a spirit level.

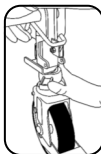
With the wheels locked, set up the base with the help of a spirit level following 3 phases, A, B and C, adjusting one wheel at a time if need be.



Loosen the nut.



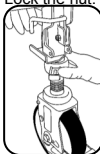
Lift the mechanism.



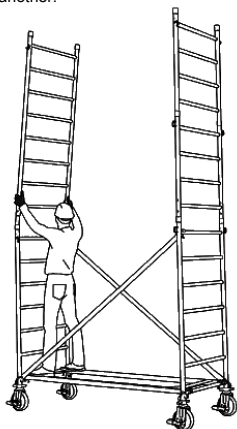
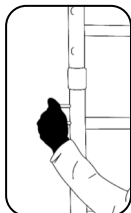
Hold the nut. Turn the wheel.



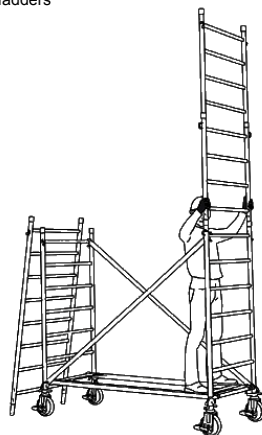
Lower the mechanism. Lock the nut.



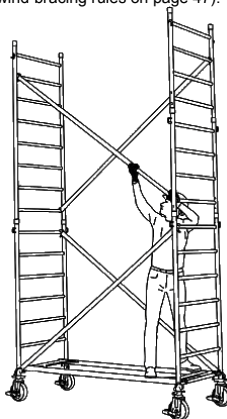
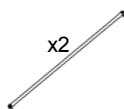
## 15 Pin the ladders to one another.



## 14 Joint the 2m ladders

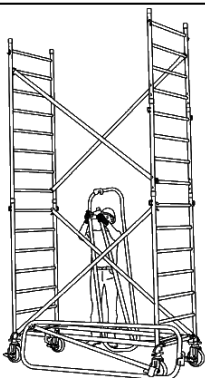
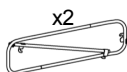


## 16 Cross the diagonal braces and follow the same pattern on each side (refer to wind-bracing rules on page 47).

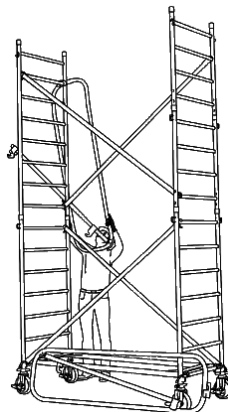


**For the EXM safety rail model, carry out the following steps; otherwise for the handrail model, skip to step 25a or 25b depending on the stabilizer's model.**

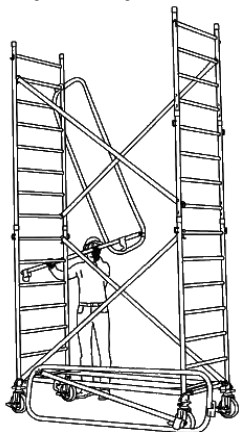
## 17 Take the EXM safety rail and remove the docking bar.



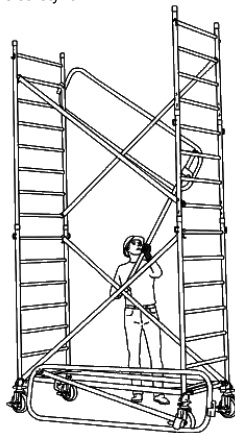
## 18 Set the safety rail to the desired level.



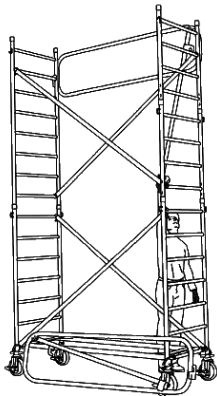
- 19 Hold the docking bar to swing it.



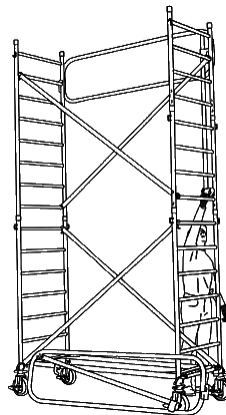
- 20 Tilt the whole safety rail.



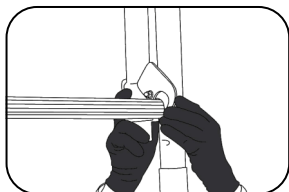
- 21 Go around the desired rung by tilting the docking bar. The bar's upper hook is also set 3 rungs above the floor's level.



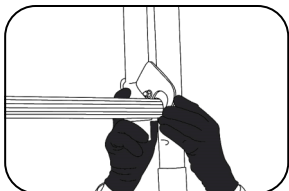
- 22 Align both hooks of the docking bar vertically.



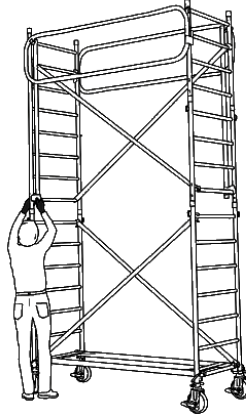
- 23 Open the manual lock that prevents the bar from being docked



Pick the bar. Check that the lock is set.



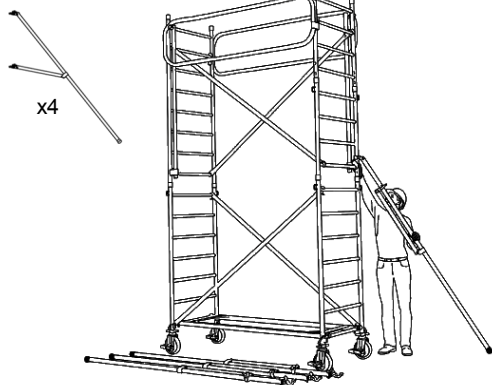
- 24 Set the 2<sup>nd</sup> safety rail the same way.



# Docker 85 DS1 stabilizers assembly instructions

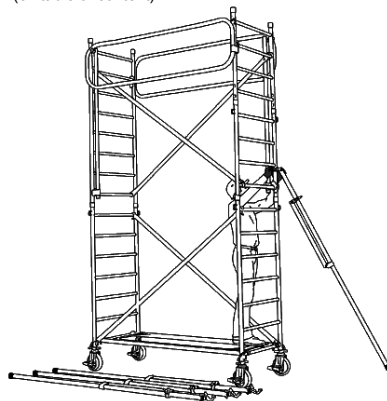
25a

How-to setup DS1 stabilizers for floor heights up to 6.9m.



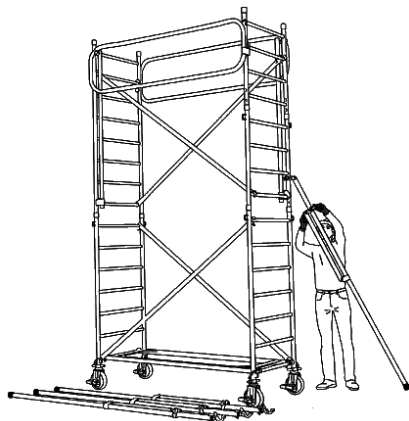
26a

Set the collar at the top under the rung as described in the stabilizers' position table, depending on the Docker model (cf. table of content).



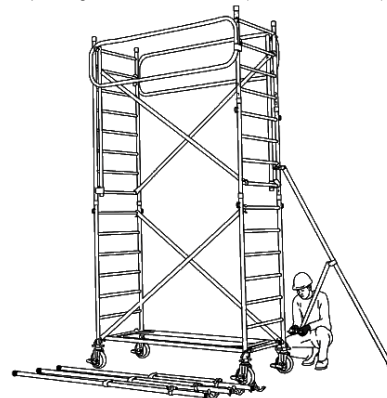
27a

Open the brace by loosening the collar.



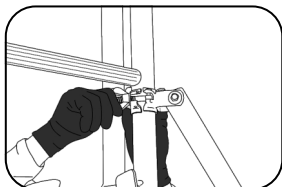
28a

Set the brace's collar and check the support's position on the ground as described in the stabilizers' position table, depending on the Docker model (cf. table of content).

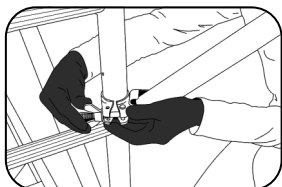


29a

Tighten the higher collar.



Tighten the lower collar.

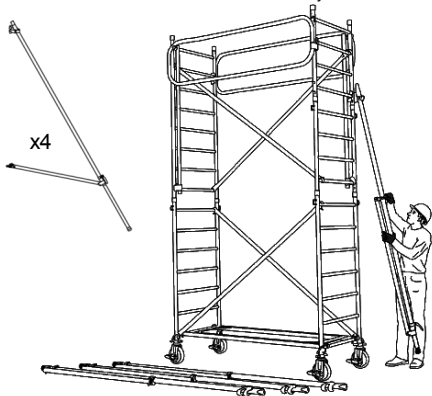


30a

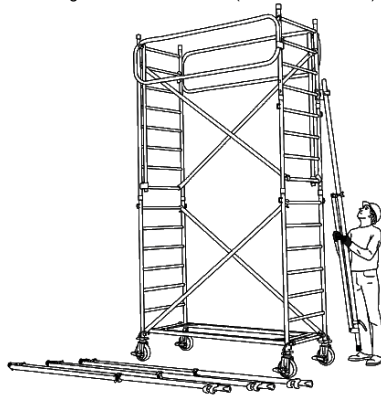
Set the 3 other stabilizers the same way and check the stabilizers' positions as shown in the table detailing stabilizers' positions depending on the Docker model (cf. table of content).



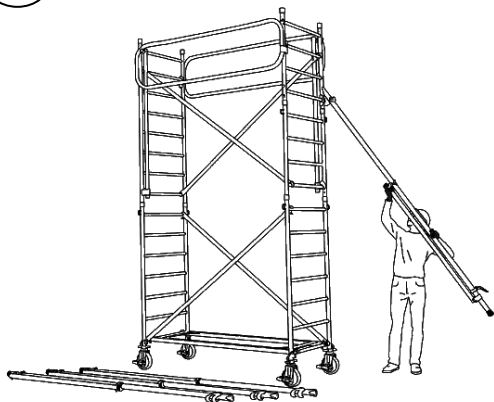
- 25b** Install DS2 stabilizers.  
Loosen the brace's collar.  
Hold the brace on the stabilizer's body.



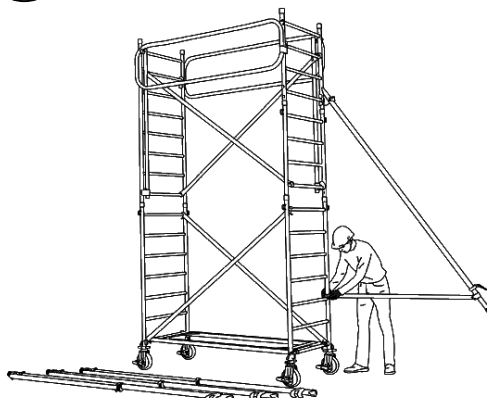
- 26b** With the stabilizer set vertically, hang the upper end to the rung as described in the stabilizers' position table, depending on the Docker model (cf. table of content).



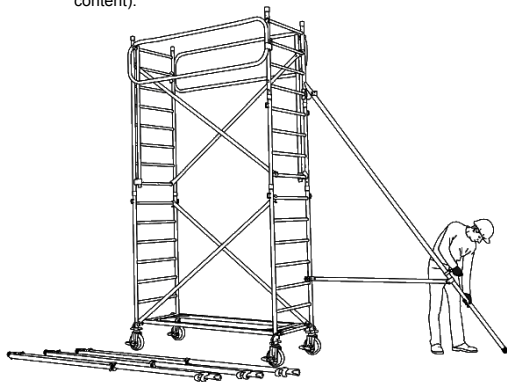
- 27b** Open the stabilizer according to the ladder's upright.  
The upper hook must wrap around the ladder's upright.



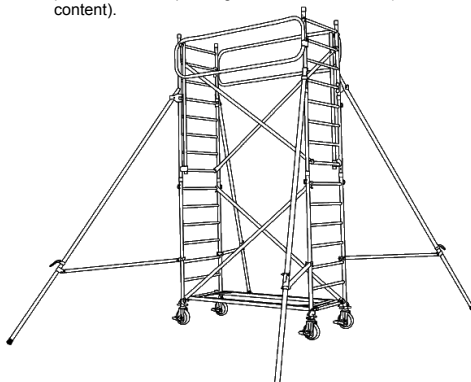
- 28b** Set the brace horizontally.  
Set the tightening collar.



- 29b** Spread out the runner so it touches the ground and check the support's position on the ground as described in the stabilizers' position table, depending on the Docker model (cf. table of content).

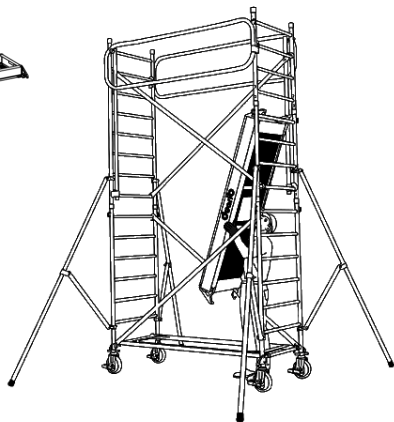
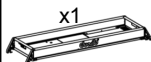


- 30b** Tighten the collars.  
Set the other 3 stabilizers in the same manner.  
Check the stabilizers' positions as described in the stabilizers' position table, depending on the Docker model (cf. table of content).

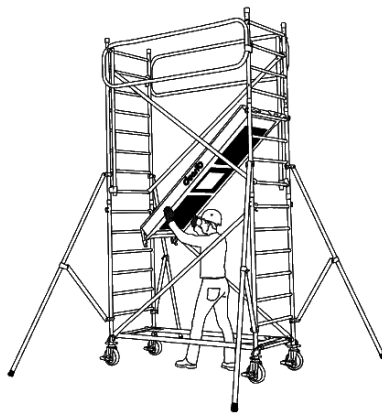


# Docker 85 assembly instructions

- 31 Install the floor on the scaffolding.



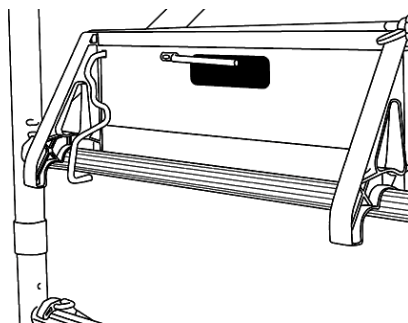
- 32 Set one side of the floor on the rung at the desired height.



- 33 Hang the other end, the floor sets itself up.

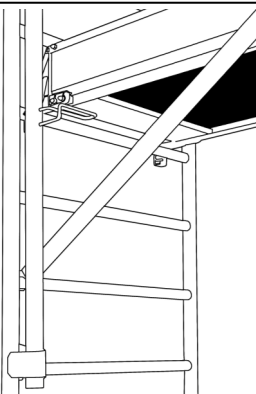


- 34 At the desired height, the floor must be horizontal and locked.

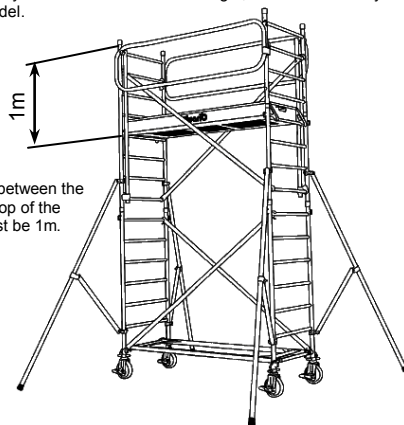


**For the EXM safety rail model, carry out the following steps; otherwise for the handrail model, skip to step 37 to assemble the handrails.**

- 35 For the EXM 1 model, it is impossible to manipulate the safety rail with the floor already set up. The steel wire that conflicts with the floor is an extra security that forces the operator to follow the assembly instructions.

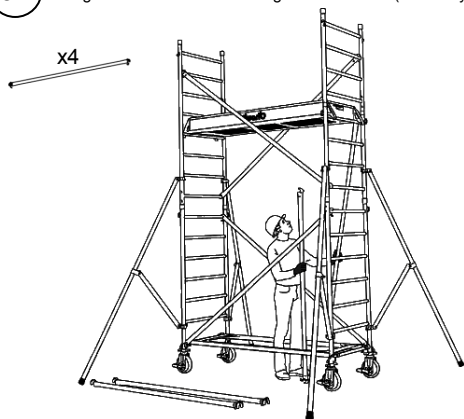


- 36 Assembly is over with a 2.9m floor height, for the EXM safety rail model.





- 37** Next assembly instructions steps for the handrail model:  
Hang the 4 handrails to the rung under the floor (assembly tip).



- 38** Go up in a floor's trapdoor and sit on the plywood.



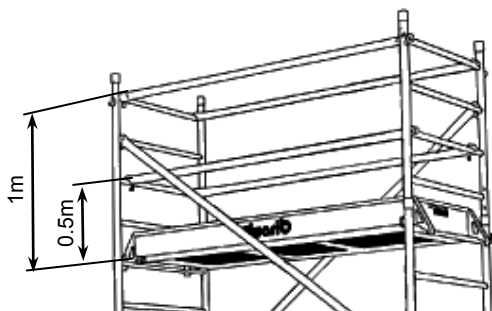
- 39** Get a handrail through the trapdoor to set it from a distance.



- 40** Repeat the operation to set the other handrails from a distance.



- 41** Handrails at 1m and at 0.5m from the floor, check how the locks are set.

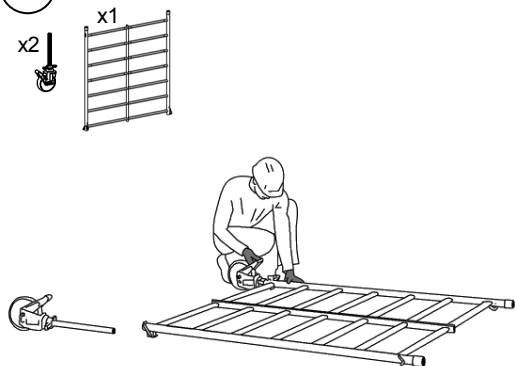


- 42** Assembly is over with a 2.9m floor height, for the handrail model.

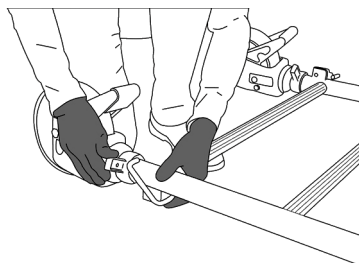


# Docker 150 assembly instructions

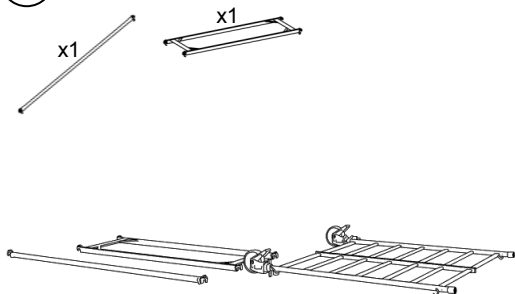
1 Insert the wheels on the base ladder.



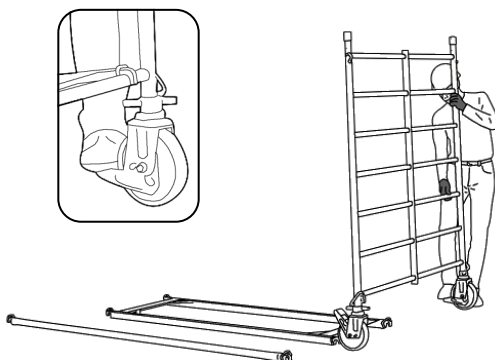
2 Activate the mechanism and tighten the nut.



3 Prepare the base ladder with the base body and a diagonal brace.



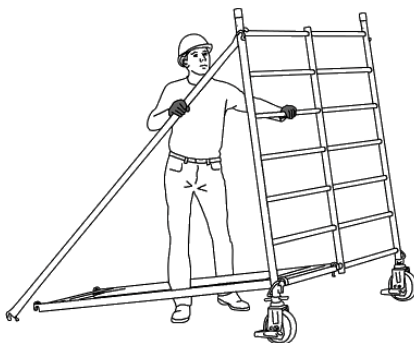
4 Put the base ladder up.  
Lock the wheels.



5 Hang the base body on the base ladder's 1<sup>st</sup> rung.



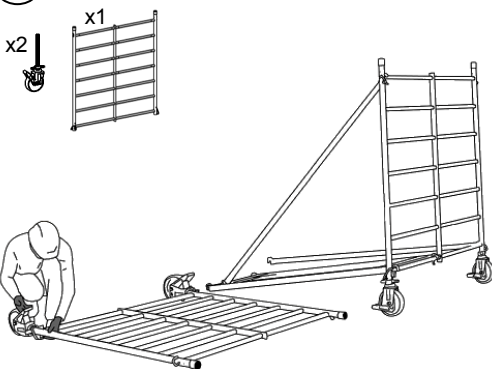
6 Hang the diagonal brace on the ladder's topmost rung.



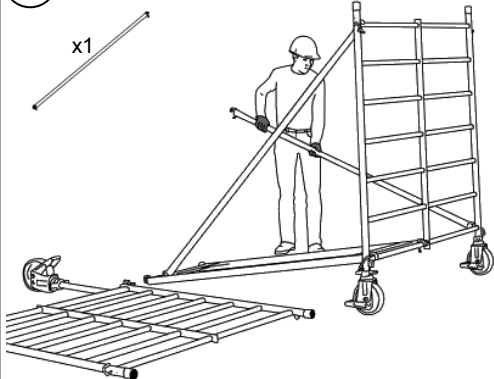
- 7** Set the lower end of the diagonal brace inside the base body so it touches under the step.



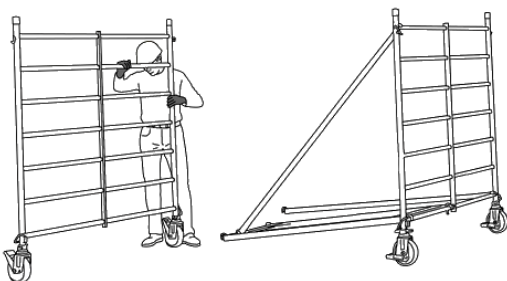
- 8** Insert the wheels on the base ladder. Repeat step 2.



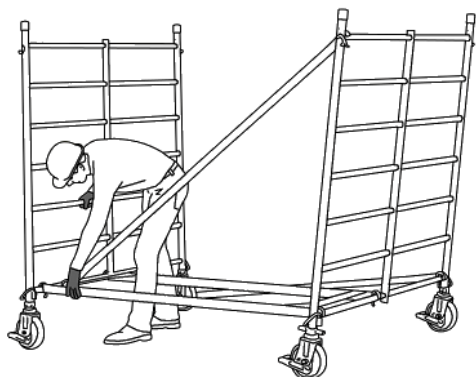
- 9** Hang the 2<sup>nd</sup> diagonal brace on the base ladder's 1<sup>st</sup> rung.



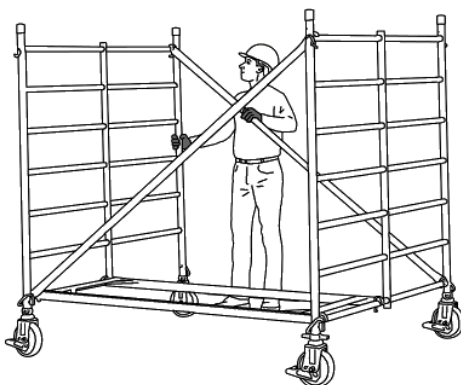
- 10** Put the base ladder up. Lock the wheels.



- 11** Hold together the base body and the diagonal brace to hang them, one after the other, on the ladder's 1<sup>st</sup> rung.



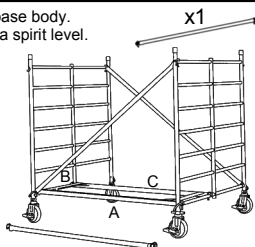
- 12** Cross the 2<sup>nd</sup> diagonal brace to the first.



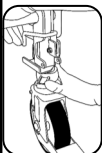
# Docker 150 assembly instructions

- 13** Set a handrail next to the base body.  
Adjust the scaffolding with a spirit level.

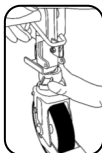
With the wheels locked, set up the base with the help of a spirit level following 3 phases, A, B and C, adjusting one wheel at a time if need be.



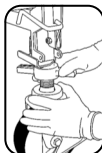
Loosen the nut.



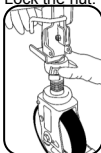
Lift the mechanism.



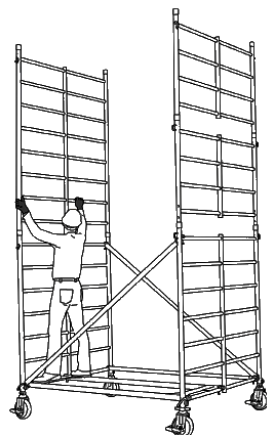
Hold the nut. Turn the wheel.



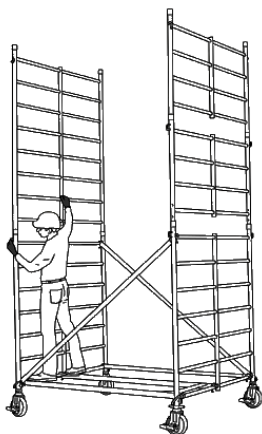
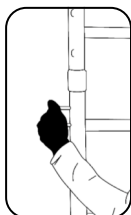
Lower the mechanism. Lock the nut.



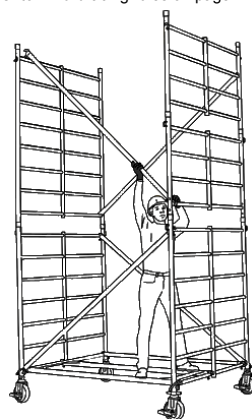
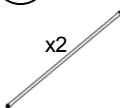
- 14** Joint the 2m ladders



- 15** Pin the ladders to one another.

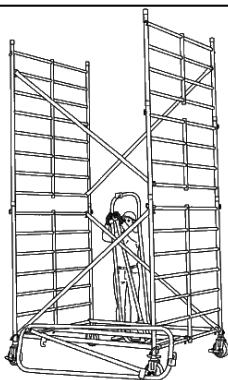
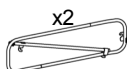


- 16** Cross the diagonal braces and follow the same pattern on each side (refer to wind-bracing rules on page 47).

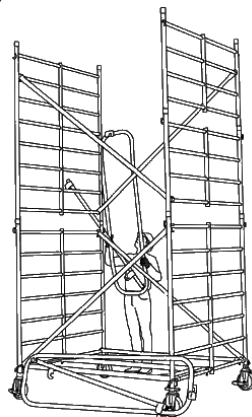


**For the EXM safety rail model, carry out the following steps; otherwise for the handrail model, skip to step 25a or 25b depending on the stabilizer's model.**

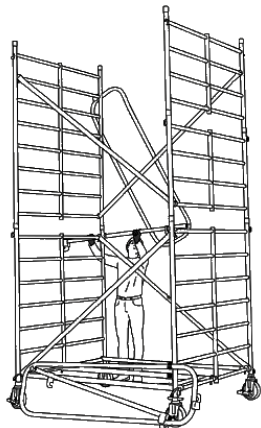
- 17** Take the EXM safety rail and remove the docking bar.



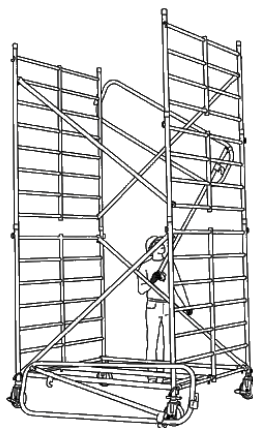
- 18** Set the safety rail to the desired level. Count 3 rungs above the floor's level.



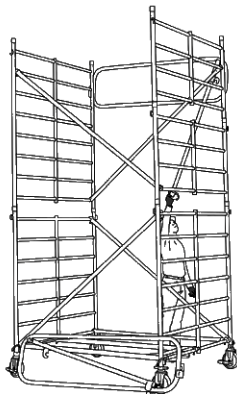
19 Hold the docking bar to swing it.



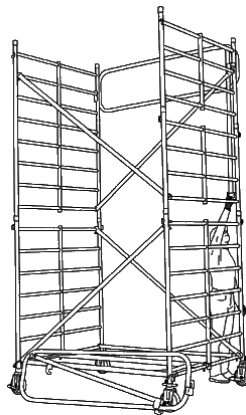
20 Tilt the whole safety rail.



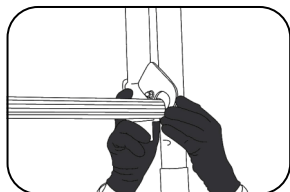
21 Go around the desired rung by tilting the docking bar. The bar's upper hook is also set 3 rungs above the floor's level.



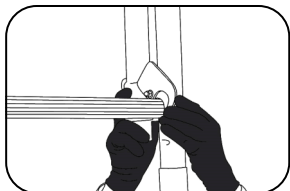
22 Align both hooks of the docking bar vertically.



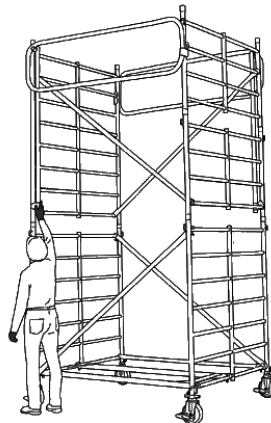
23 Open the manual lock that prevents the bar from being docked.



Pick the bar. Check that the lock is set.



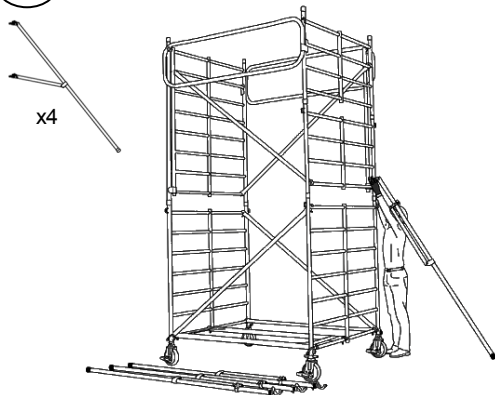
24 Set the 2<sup>nd</sup> safety rail the same way.



# Docker 150 DS1 stabilizers assembly instructions

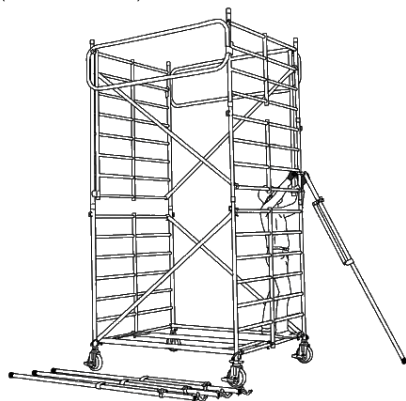
25a

How-to set up DS1 stabilizers for floor heights up to 6.9m.



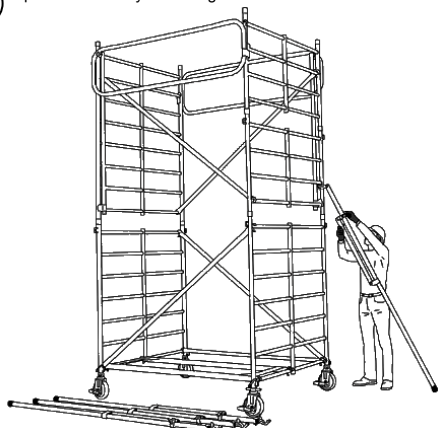
26a

Set the collar at the top under the rung as described in the stabilizers' position table, depending on the Docker model (cf. table of content).



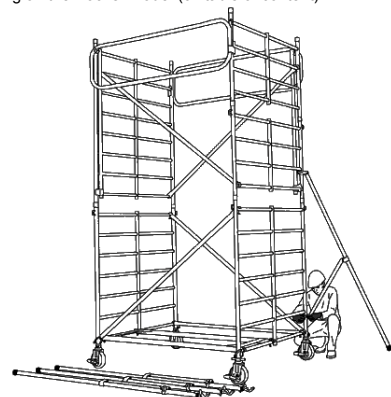
27a

Open the brace by loosening the collar.



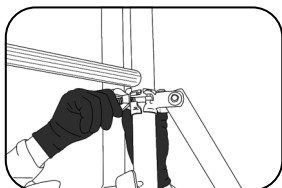
28a

Set the brace's collar and check the support's position on the ground as described in the stabilizers' position table, depending on the Docker model (cf. table of content).

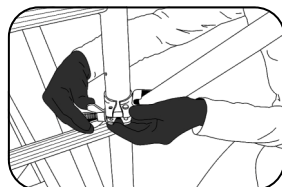


29a

Tighten the higher collar.

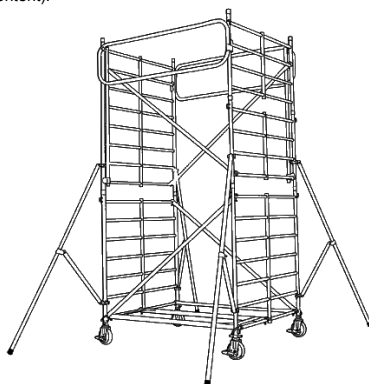


Tighten the lower collar.



30a

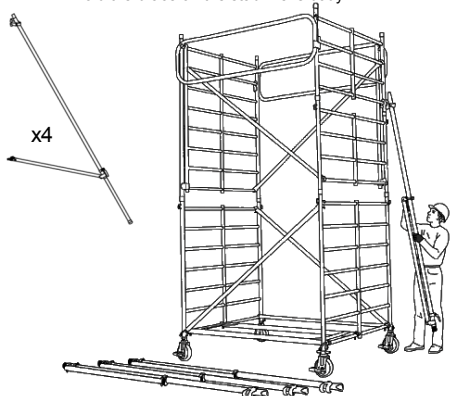
Set the 3 other stabilizers the same way and check the stabilizers' positions as shown in the table detailing stabilizers' positions depending on the Docker model (cf. table of content).





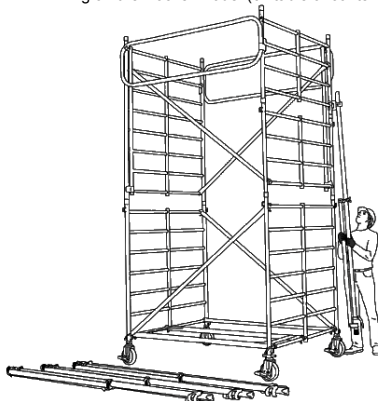
25b

Install DS2 stabilizers.  
Loosen the brace's collar.  
Hold the brace on the stabilizer's body.



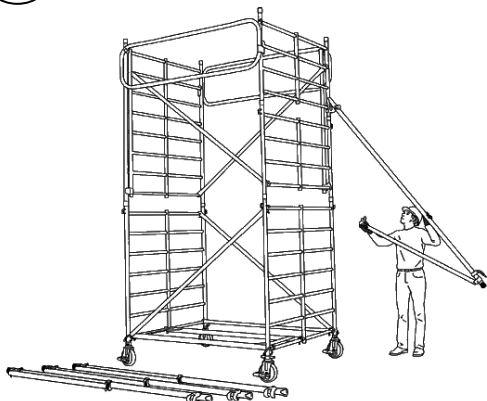
26b

With the stabilizer set vertically, hang the upper end to the rung as described in the stabilizers' position table, depending on the Docker model (cf. table of content).



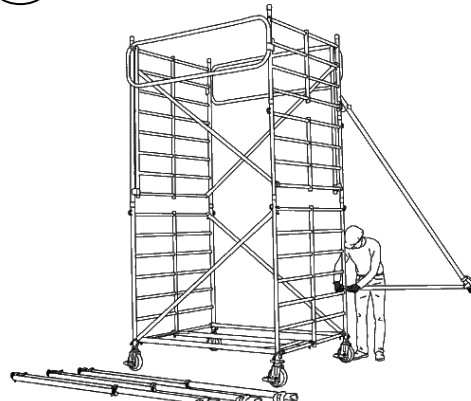
27b

Open the stabilizer according to the ladder's upright.  
The upper hook must wrap around the ladder's upright.



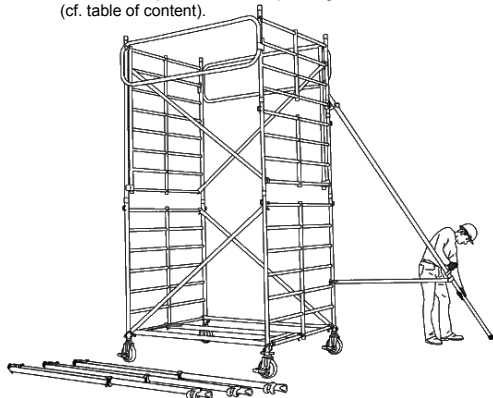
28b

Set the brace horizontally.  
Set the tightening collar.



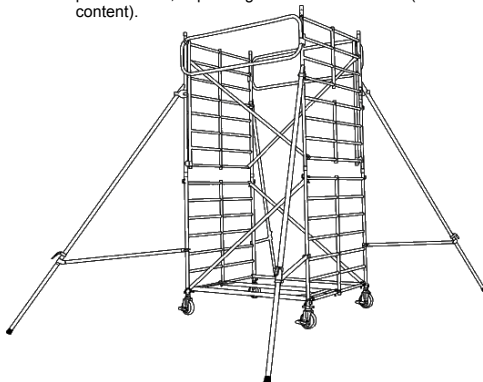
29b

Spread out the runner so it touches the ground and check the support's position on the ground as described in the stabilizers' position table, depending on the Docker model (cf. table of content).



30b

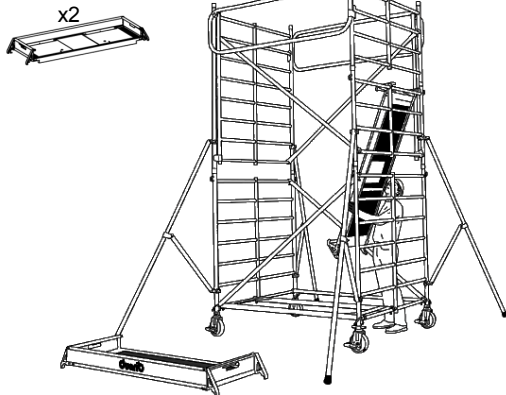
Tighten the collars.  
Set the other 3 stabilizers in the same manner.  
Check the stabilizers' positions as described in the stabilizers' position table, depending on the Docker model (cf. table of content).



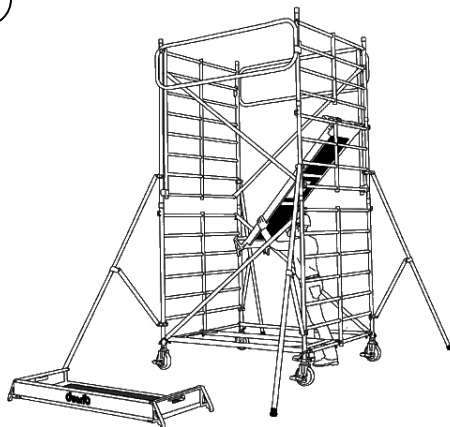


# Docker 150 assembly instructions

- 31 Set a floor on the scaffolding.



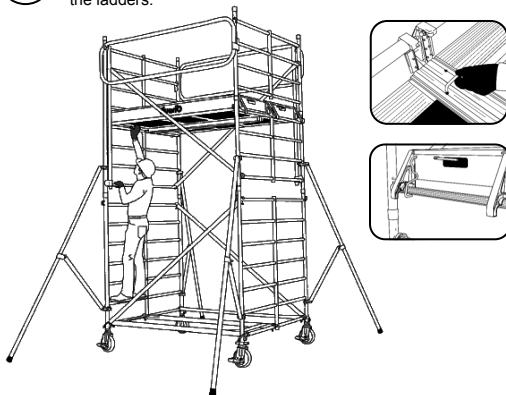
- 32 Set one side of the floor on the rung at the desired height.



- 33 Hang the other end, the floor sets itself up.

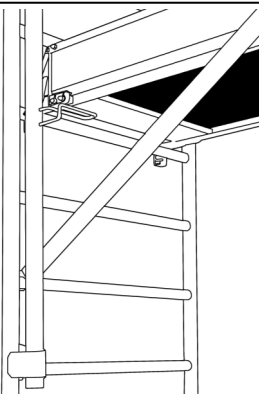


- 34 Set the other floor in the same manner. At the desired height, the floors must be horizontal and locked to one another and to the ladders.

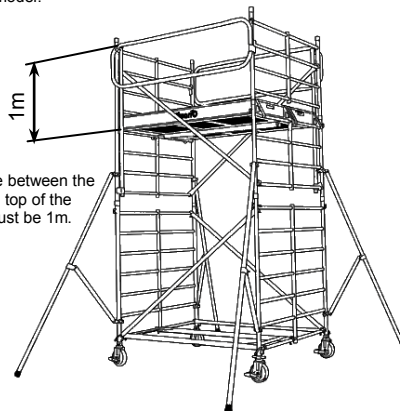


**For the EXM safety rail model, carry out the following steps; otherwise for the handrail model, skip to step 37 to assemble the handrails.**

- 35 For the EXM 1 model, it is impossible to manipulate the safety rail with the floor already set up. The steel wire that conflicts with the floor is an extra security that forces the operator to follow the assembly instructions.

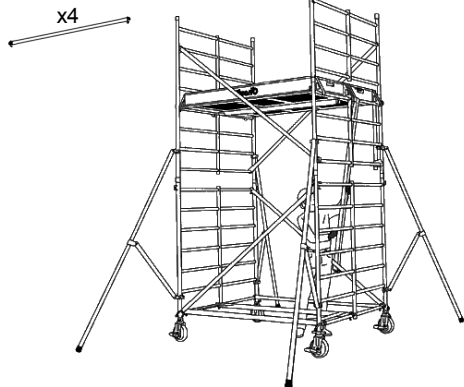


- 36 Assembly is over with a 2.9m floor height, for the EXM safety rail model.

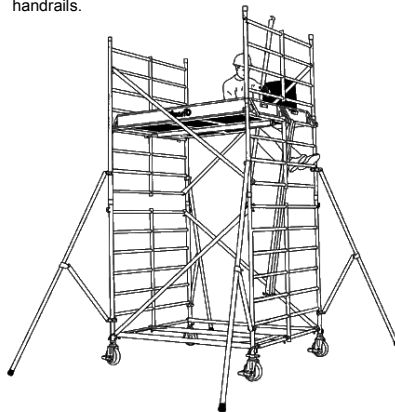


The distance between the floor and the top of the safety rail must be 1m.

- 37** Next assembly instructions steps for the handrail model : Hang the 4 handrails to the rung under the floor (assembly tip).



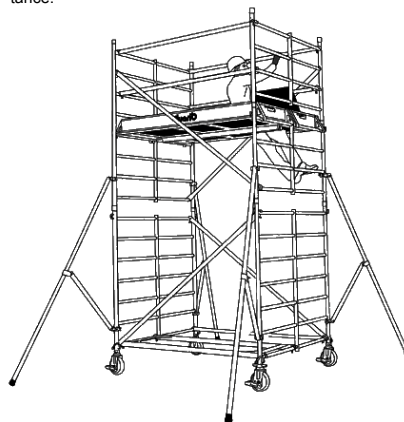
- 38** Go up in a floor's trapdoor and sit on the plywood. Be careful: you must not go on the floor if you did not set the handrails.



- 39** Get a handrail through the trapdoor to set it from a distance.



- 40** Repeat the operation to set the other handrails from a distance.



- 41** Handrails at 1m and at 0.5m from the floors, check how the locks are set.



- 42** Assembly is over with a 2.9m floor height, for the handrail model.



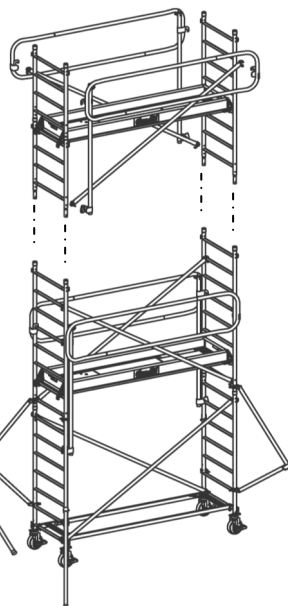
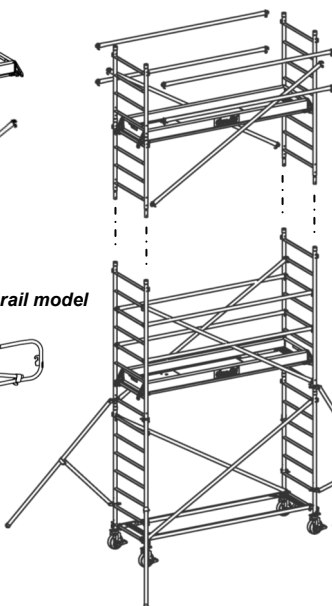
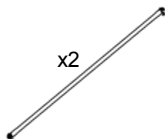
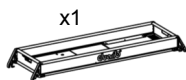
# Docker 85 and 150 assembly instructions (next)

## Next steps for the Docker 85 assemblies with heights superior to 2.9m.

Example of parts you will need to add another floor

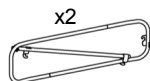
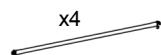
Handrail model

EXM safety rail model



Handrail model

EXM safety rail model



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.

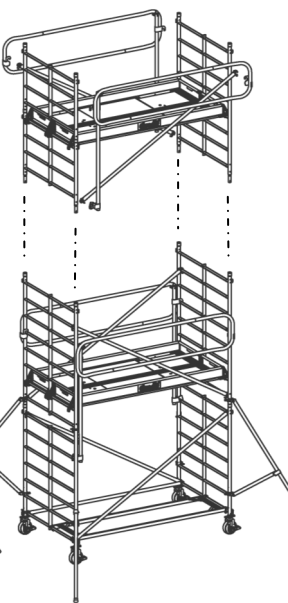
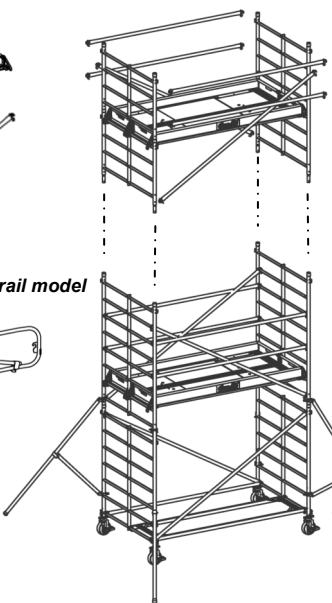
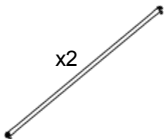
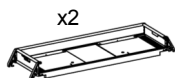
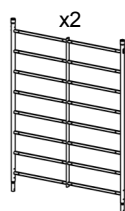
Refer to schematics depending on the Docker model (cf. table of content).

## Next steps for the Docker 85 assemblies with heights superior to 2.9m.

Example of parts you will need to add another floor

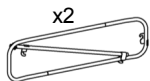
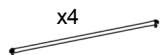
Handrail model

EXM safety rail model



Handrail model

EXM safety rail model

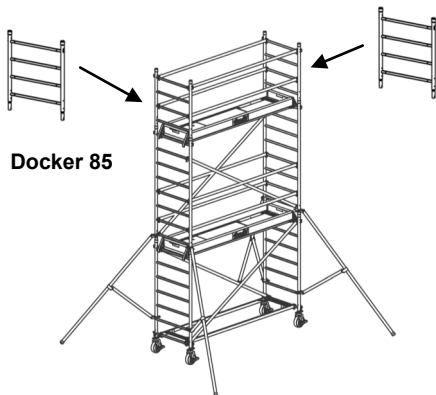


To continue assembling and setting up the elements of your structure, redo the assembly steps regarding ladders and diagonal braces, then the steps regarding safety rails and the floor by repeating the operations as many times as necessary.

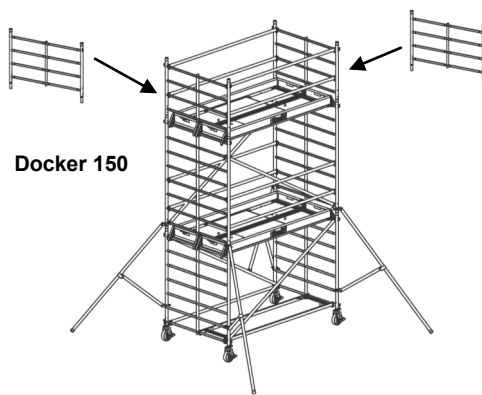
Refer to schematics depending on the Docker model (cf. table of content).

## How-to for 1m ladder assemblies for the Docker 85 and Docker 150

1<sup>st</sup> case, depending on assemblies with 1m ladder on each side of the scaffolding (floor heights: 1.9m, 3.9m, 5.9m, 7.9m, 9.9m and 11.9m)

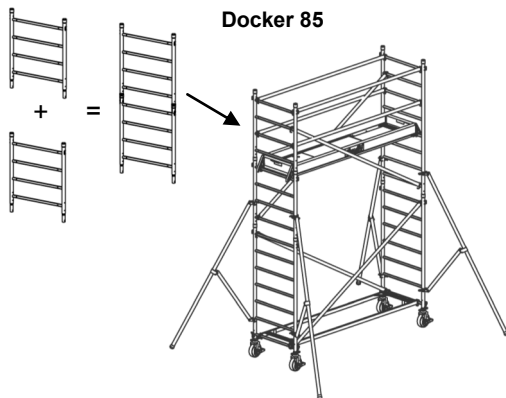


**Docker 85**

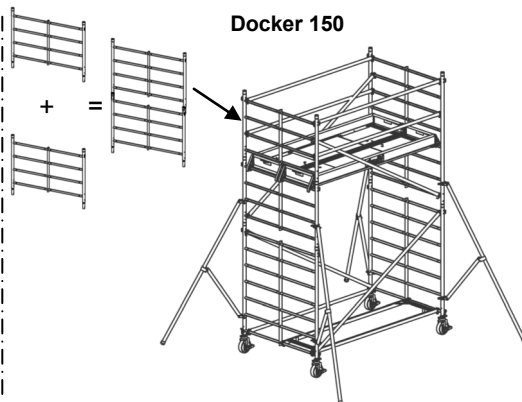


**Docker 150**

2<sup>nd</sup> case, depending on assemblies with 1 m ladder on top of each other to create a 2m ladder (floor heights: 2.9m, 4.9m, 6.9m, 8.9m and 10.9m)



**Docker 85**



**Docker 150**

## Wind-bracing rules to follow :

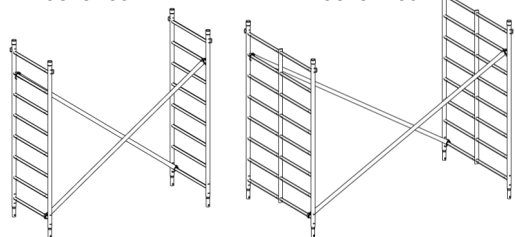
Same rules apply for both scaffolding widths:  
**Docker 85 and Docker 150**

**First rule: structure elevation module.**

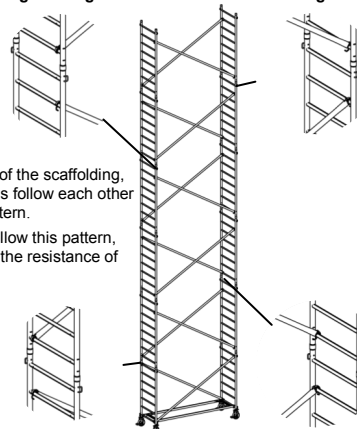
2 diagonal braces set opposite to one another on each side of the scaffolding wind-brace 2 ladders.

**Docker 85**

**Docker 150**



**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 for the EXM model

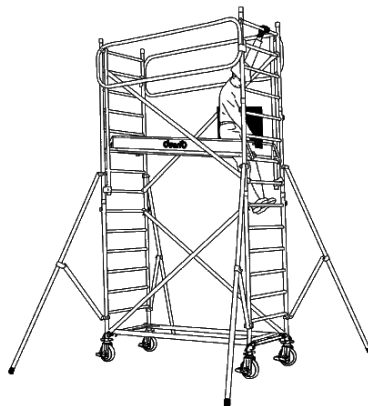
43a

Take the floor down 1 rung while being in the trapdoor.  
Take the floor at its handle with the lock.  
Go around the rung from the inside.



44a

Without going up on the floor through the other trapdoor,  
take the floor down 2 rungs.



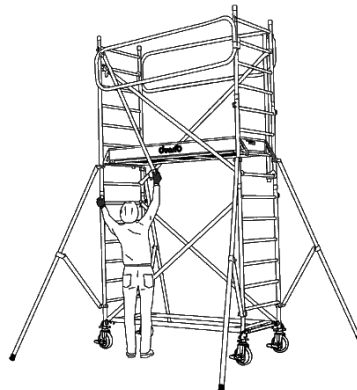
45a

Without going up on the floor and following the same  
method, take the floor down one rung so it is horizontal.



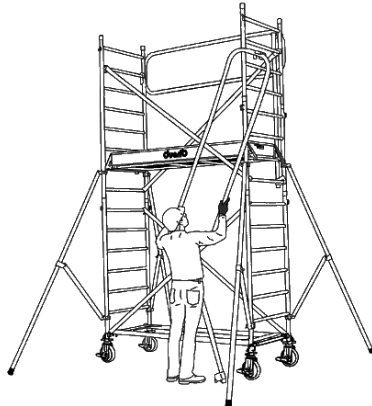
46a

Lift the lock and remove the safety rail's docking bar by lifting  
it and turning it towards the scaffolding.



47a

Remove the safety rail to hang it back 3 rungs under the  
floor.



48a

Tilt the safety rail and hang the docking bar.  
The safety rail is horizontal and 1m away from the floor.  
Repeat the step for the second safety rail.



**Never go on a floor where 1m safety rails have not been set.**

- 43b** While sitting on the floor through the trapdoor, remove a handrail on one side and turn it 90° to free the other side.



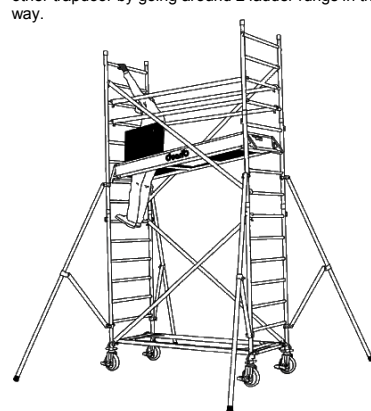
- 44b** Reposition the handrail at the desired height. Repeat the operation for the other handrails.



- 45b** Take one side of the floor by going around one ladder rung, towards the inside of the scaffolding.



- 46b** Without standing on the floor, go down through the floor's other trapdoor by going around 2 ladder rungs in the same way.



- 47b** Take the floor down following the same method so it is horizontal, and then use a handrail to reposition it.



- 48b** Repeat the operation to reposition the other handrails. The top handrails are 1m away from the floor and the lower handrails 0.5m away.



**Never go on a floor where 1m safety rails have not been set.**

# Docker 85 and 150 disassembly instructions

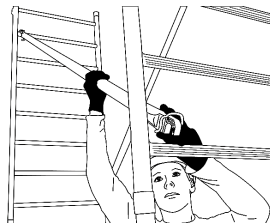
Follow the opposite assembly steps of each element while taking every safety measures possible.  
All the elements must always be disassembled from the lower floor, with the wheels locked and the stabilizers set, depending on the Docker model (cf. table of content).

## Handrails or diagonal braces with trigger disassembly

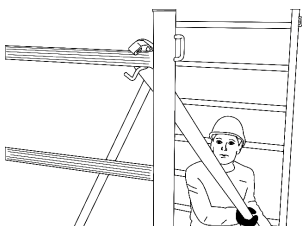
- 1 Lift the lock that is within hand's reach.



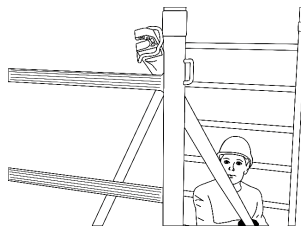
- 2 Take off one side of the element.



- 3 Turn 90° to unlock the other end from a distance.



- 4 The element automatically unlocks.



## Special cases dealing with how to set up DS2 stabilizers

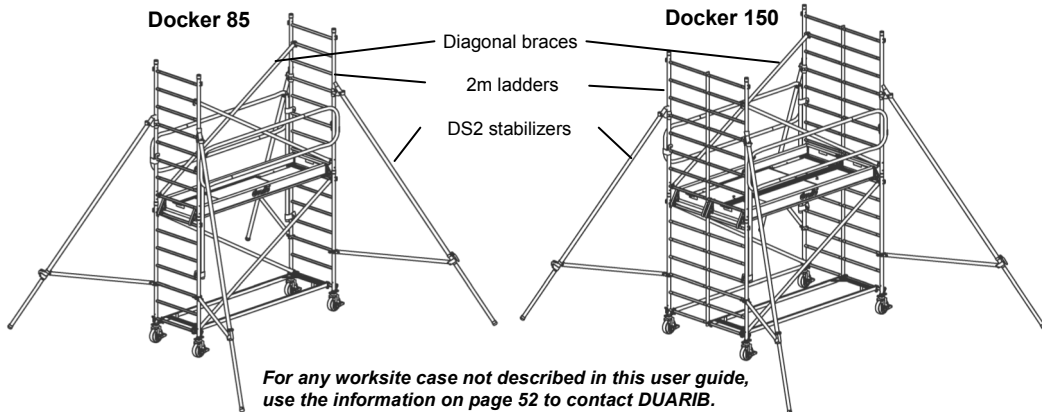
If your worksite prevents you from following the stabilizer's docking position described in this guide, hang to the first upper rung without going over the 16<sup>th</sup> rung. Do not hang on the 11<sup>th</sup> rung because of the ladder's pin.

Otherwise, you can move the intermediary work floor to free a docking point of the stabilizer.

### Special case: 1.9m floor height with DS2 stabilizers

For the assemblies with DS2 stabilizers set at 1.9m, replace both 1m ladders with 2m ladders, add 2 diagonal braces and set the stabilizers at the first available rung.

For any worksite case not described in this user guide, use the information on page 52 to contact DUARIB.

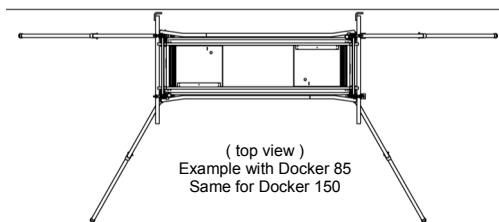




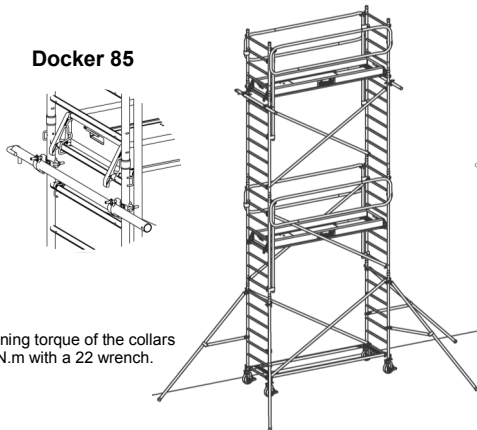
## Special case: anchoring kit

When wind speed exceeds 45 kmph, it is mandatory to either disassemble or anchor the scaffolding at the top. If you chose to anchor it:

- Set the stabilizers according to the opposite picture
- Add 2 anchors under the last floor level
- Anchors not included in the various assemblies
- Docker 85 with complete kit, reference 20865
- Docker 150 with 20872 bar and two 50888 collars
- Please refer to page 3 for anchor stress

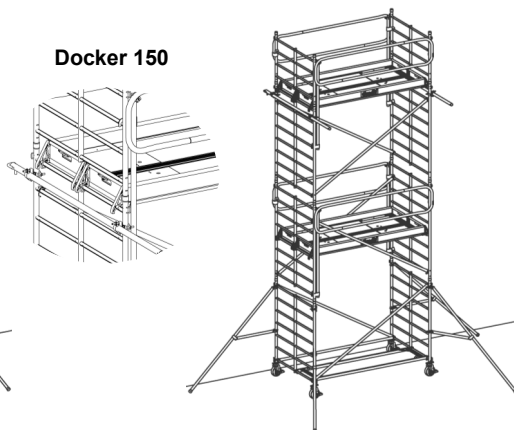


### Docker 85



Tightening torque of the collars at 25 N.m with a 22 wrench.

### Docker 150

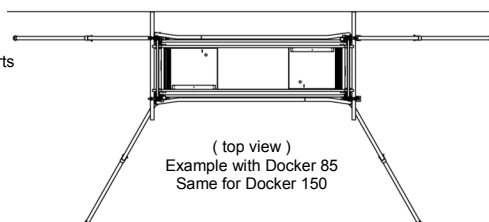


## Special case: support kit

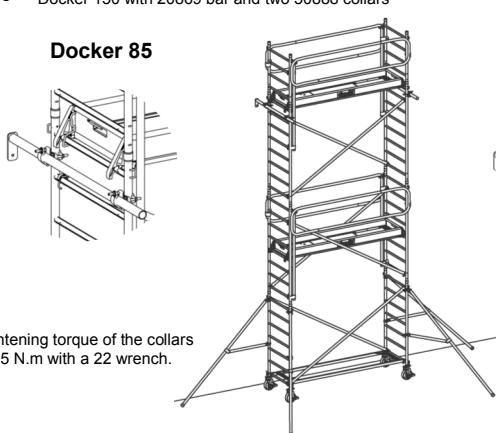
For an assembly at the front of a building, it is possible to use supports for a better rigidity and more comfort.

For the support:

- Set the stabilizers according to the opposite picture
- Add 2 supports under the last floor level
- Supports are not included in the various assemblies
- Docker 85 with 20870 bar and two 50888 collars
- Docker 150 with 20869 bar and two 50888 collars

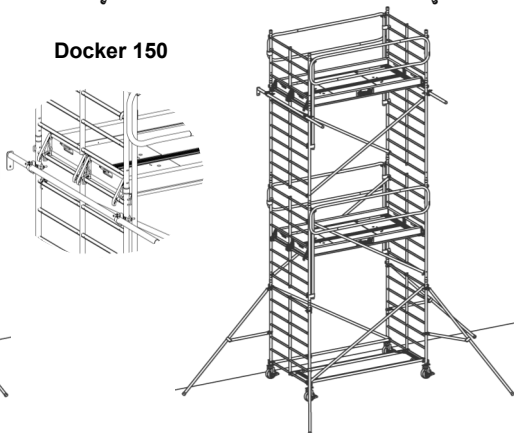


### Docker 85



Tightening torque of the collars at 25 N.m with a 22 wrench.

### Docker 150

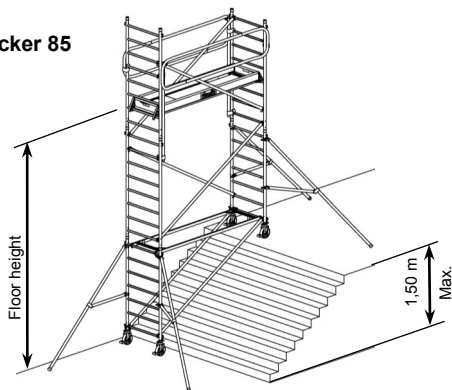


## Assembly on a difference in height: maximum difference in height: 1.50m

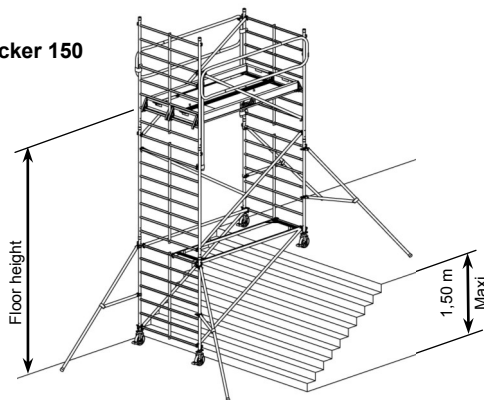
### Assembly rules:

- The ladder's first rungs, at the bottom of the difference in level, are linked by diagonal braces, as shown on the opposite schematic.
- The base body must be positioned horizontally on the ladder's first rung 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.

**Docker 85**



**Docker 150**



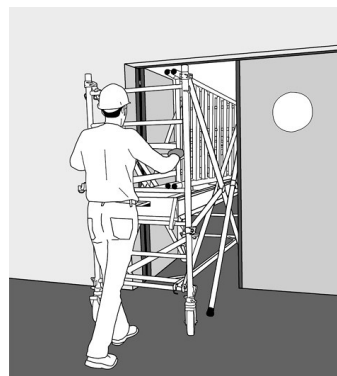
## Storage and transport

With this setup, a Docker 85 can be fitted to transport your scaffolding and small tools so they fit through a 2,10m (min. height) x 0,93m (min. width) door, as illustrated.

Size of a Docker 2 set as a wagon:

Length type	Height in m.	Docker 85 width	Docker 150 width	Length in m.
2,05m	2,085	0,91	1,56	2,183
2,54m	2,085	0,91	1,56	2,673
2,95m	2,085	0,91	1,56	3,083

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



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