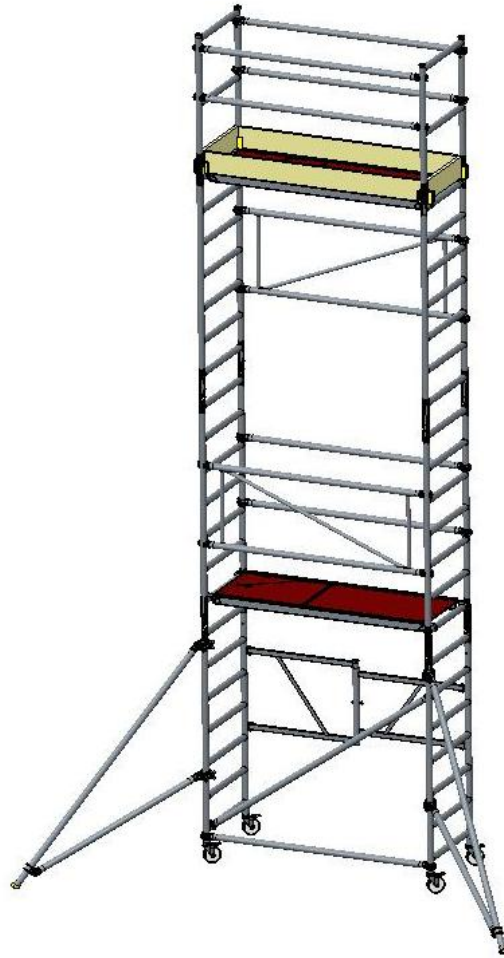




INSTRUCTION MANUAL

CUSTERS FOLDY MOBILE SCAFFOLDING



Maximum payload: 150 kg/m²
(2 persons plus equipment)

9505.770.001EN

sept 2017

CUSTERS HYDRAULICA B.V.

Smakterweg 33

5804 AE VENRAY NL

Tel.

: +31 (0) 478 55 30 00

P. O. Box 22

5800 AA VENRAY NL

Fax

: +31 (0) 478 55 30 10

e-mail:

custers @ custers.nl

Website

: www.custers.nl

CONTENTS

1	INTRODUCTION.....	2
2	WARRANTY AND LIABILITY.....	3
3	INSPECTION OF THE DELIVERY.....	3
4	SAFETY INSTRUCTIONS	3
4.1	Inspection before assembly	3
4.2	Assembly	4
4.3	Lifting of parts	4
4.4	Outriggers	4
5	ASSEMBLING THE SCAFFOLD	5
5.1	Platformheight 1m.	5
5.2	Platformheight 1,8m.	6
5.3	Platformheight 3,5m.	8
5.4	Platformheight 5,2m.	10
6	USING THE SCAFFOLD.....	13
7	MOVING THE SCAFFOLD	14
8	ANCHORING	14
9	DISASSEMBLING THE SCAFFOLD	14
10	MAINTENANCE	14
11	PARTSLIST.....	15
11.1	Platformheight 1m.	15
11.2	Platformheight 1,8m.	16
11.3	Platformheight 3,5m.	17
11.4	Platformheight 5,2m.	18

Custers Hydraulica B.V., Venray - the Netherlands.

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1 INTRODUCTION

The CUSTERS Foldy scaffold is part of a wide range of aluminium scaffold-products.

The CUSTERS Foldy scaffold meets the EN1004 requirements, provided that it is assembled as mentioned in the manual.

The CUSTERS scaffold is available in the versions:

- platformheight : 1 - 1,8 - 3,5 - 5,2 m

This manual instructs you step by step how to assemble your scaffold in an easy and safe way. If the scaffold is not assembled correctly, it could jeopardize the user; therefore: read the instruction carefully. Assembly and disassembly should be done by skilled and experienced persons.

The user is responsible for having this manual at the working site. The user is also responsible for having the manual in the site-supervisor's possession.

If you have any questions regarding this manual, please do not hesitate to contact your supplier and/or the manufacturer.

Manufacturer:

Custers Hydraulica B.V.
Smakterweg 33,
5804 AE Venray, the Netherlands
Tel. +31 (0)478 553 000
Fax +31 (0)478 553 010
E-mail custers@usters.nl
Website www.custers.nl

Supplier:

2 WARRANTY AND LIABILITY

Customer warrants that the products will be free from defects in material and workmanship for a period of 12 months from the date of delivery.

For all defects reported to us within the warranty period our liability is limited to repairing or replacing any defective products at our option and no charge to the customer. If for discharge of our liability under the warranty we replace (parts of) products supplied by us, the products (or parts) replaced will become our property. All costs and expenses exceeding the liability specified above, including but not limited to transport charges, travel expenses and the cost of disassembly and reassembly, will be for the account of the customer. If for the discharge of our liability under this warranty we carry out repairs to products supplied by us, the products concerned shall remain entirely at the risk of the customer.

Our liability is not valid:

- a. if any defect is the result of abuse, misuse or inexperienced use, or the result of other causes than unfitness of material or workmanship;
- b. if the cause of any defect cannot be conclusively proved;
- c. if our instruction for the use of the products and other specifically applicable warranty instructions have not been accurately and fully observed.

Our warranty will cease if during the warranty period the customer (or any person acting on the customer's instruction) has subjected the products supplied by us to unauthorised modifications and/or repairs.

3 INSPECTION OF THE DELIVERY

The customer has to inspect the mobile scaffold upon delivery. Contact your supplier immediately if parts are damaged and/or the scaffold is incomplete.

4 SAFETY INSTRUCTIONS

4.1 Inspection before assembly

Check whether the mechanics are sufficiently skilled and if the site where the scaffold will be positioned, is safe and of proper surface.

Make sure that:

- the surface is flat and hard enough;
- the area is free from obstacles, both on the ground and above;
- the wind-conditions allow working with the scaffold;
- all parts are present at the site;
- damaged, wrong or non-original parts are never used.

4.2 Assembly

The scaffold assembly as described in the assembly instructions, must be done by at least two persons (platformheight 3,5/5,2m). Always use (temporarily mounted) guardrails during the assembly.

The scaffold must be assembled on a flat surface.

The wheels must always be blocked, except during the moving.

The platforms must be secured by sliding the wind-securing pin under the frame rung.

The mutual frames must be secured with frame securing clips.

The horizontals and backside frames must be mounted on the frames with the open side of the claw pointing to the scaffold outside.

The working level (platformheight 1,8/3,5/5,2m) must always be equipped with a trapdoor platform; the working level (platformheight 3,5/5,2m) has to be equipped with principal guardrails, intermediate guardrails and toeboards around.

The rest level (platformheight 5,2m) should also always be equipped with a trapdoor platform. The rest level should be equipped with principal guardrails and intermediate guardrails around.

The rest level will be changed into a working level by mounting toeboards around.

4.3 Lifting of parts

Lifting or pulling up parts should be done by handing the parts from one platform to the other.

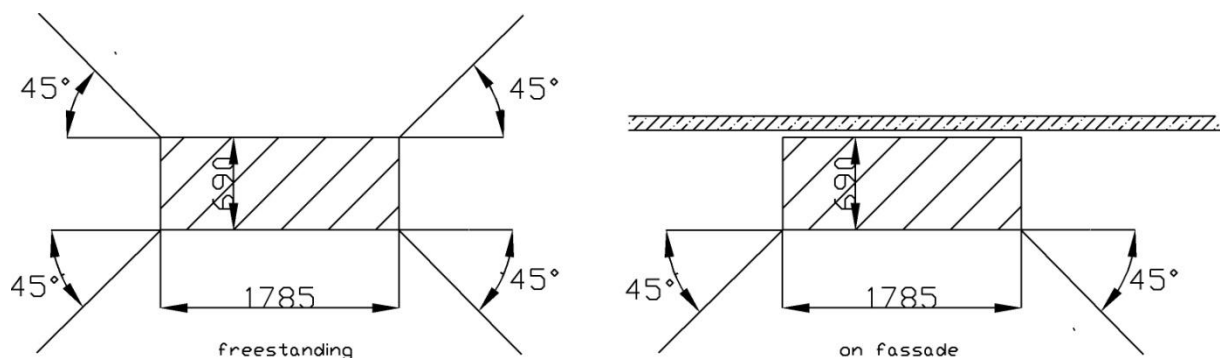
It is not allowed attaching lifting equipment onto a mobile scaffold.

4.4 Outriggers

The outriggers (if necessary) must always be mounted as soon as the lower part of the scaffold has been build.

The instructions in the pictures below (outriggers 45 degrees rotated) are to be strictly followed!

Disregarding these instructions imply that you should use additional ballast weight (contact your producer / supplier on this).

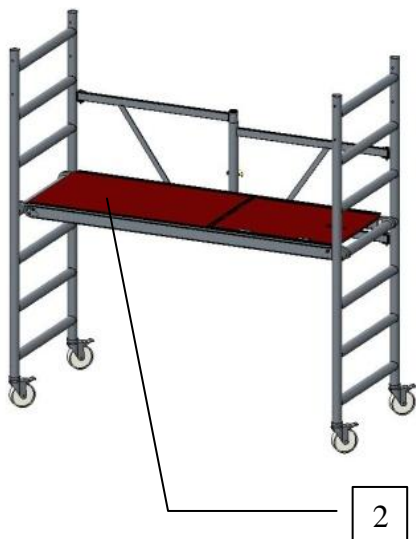


5 ASSEMBLING THE SCAFFOLD

5.1 Platformheight 1m.

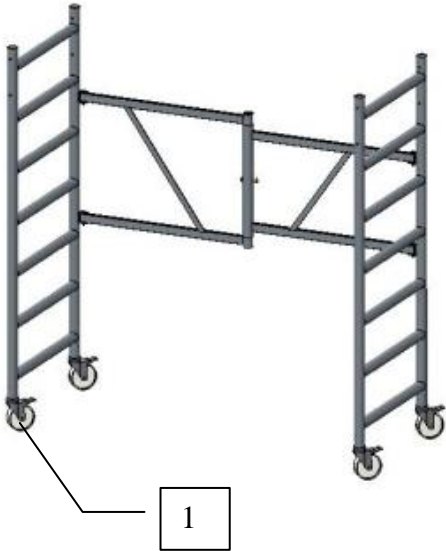


1: if necessary: mount 4 x wheel
(insert eccentric of wheel in tube, firmly
turn on bolt)



2: place trapdoor platform (or: platform
without trapdoor); slide both
windsecuring pins under the rung.

5.2 Platformheight 1,8m.



1: if necessary: mount 4 x wheel
(insert eccentric of wheel in tube, firmly
turn on bolt)

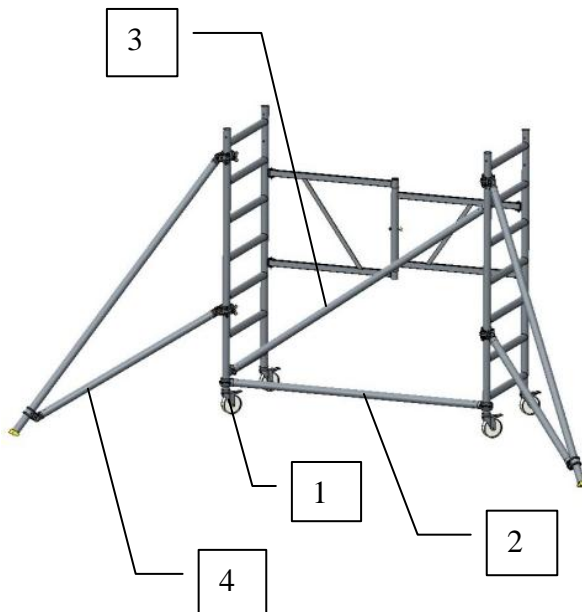


2: place the end guardrails; secure the
guardrail with 2 securing clips



3: place trapdoor platform; slide both windsecuring pins under the rung
4: place the 4 horizontals (open side of claws pointed to the outside).

5.3 Platformheight 3,5m.

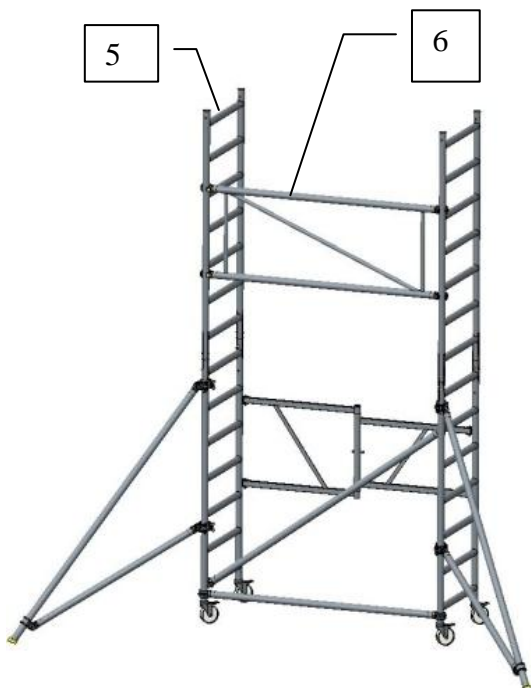


1: if necessary: mount 4 x wheel
(insert eccentric of wheel in tube, firmly turn on bolt)

2: place the horizontal (open side of claws pointed to the outside)

3: place the diagonal

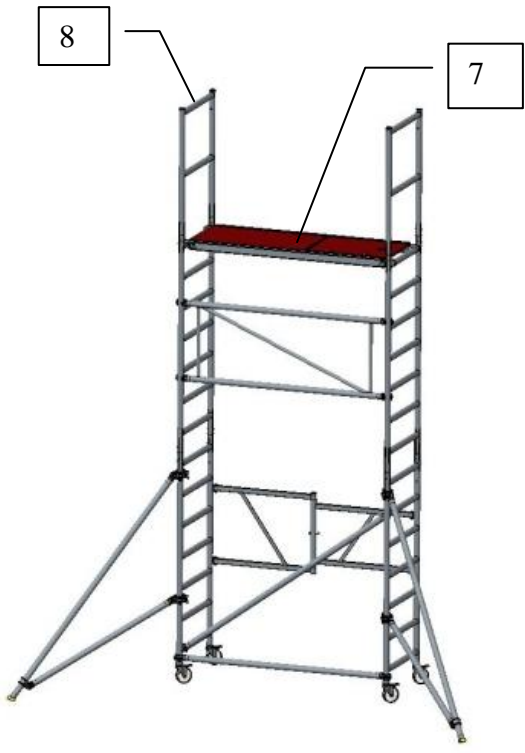
4: assemble both outriggers:
-place the upper coupling on the stand below the rung
-put base on the ground
-loosely attach the bottom coupling to the stand and push the coupling up over the stand until the outrigger is a little bit under pressure
-firmly tighten both couplings



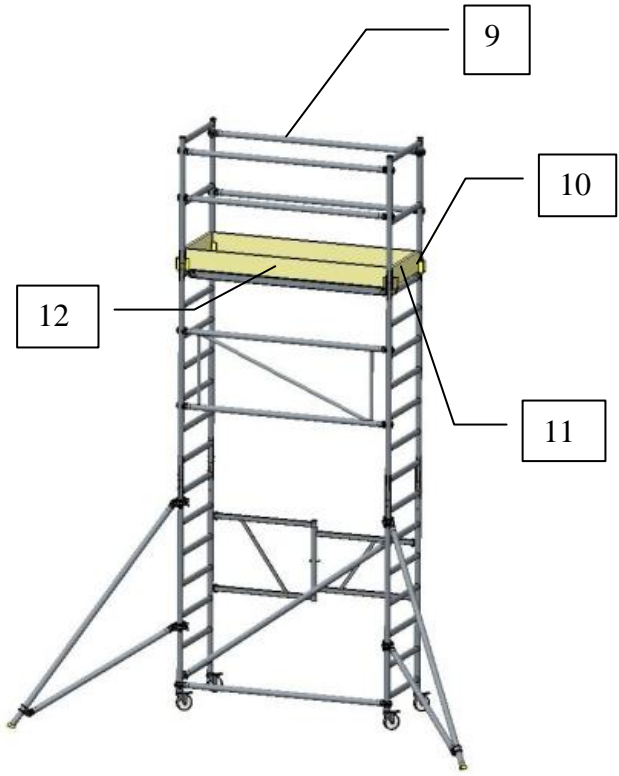
nb. when using the scaffold freestanding use 2 additional outriggers

5: place the mounting frames; secure the frame with 2 securing clips

6: place the backside frame between the mounting frames (open side of claws pointed to the outside)

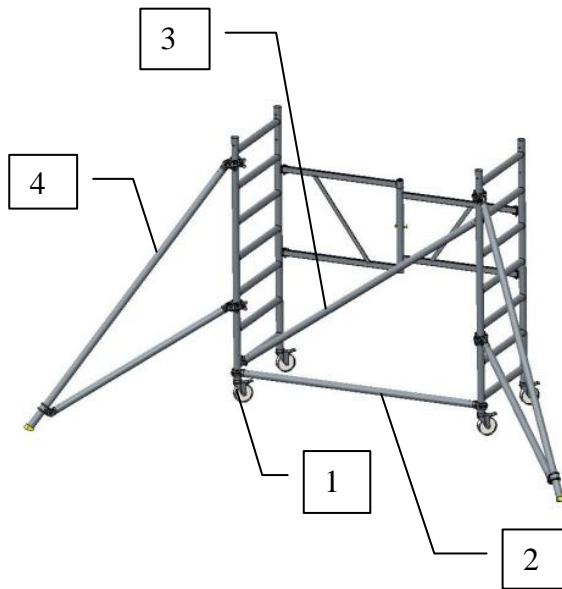


- 7: place trapdoor platform; slide both windsecuring pins under the rung
- 8: place the end guardrails; secure the guardrail with 2 securing clips



- 9: place the 4 horizontals (open side of claws pointed to the outside)
- 10: place the 4 toeboardholders
- 11: place both toeboards (on the short side)
- 12: place both toeboards (on the long side).

5.4 Platformheight 5,2m.

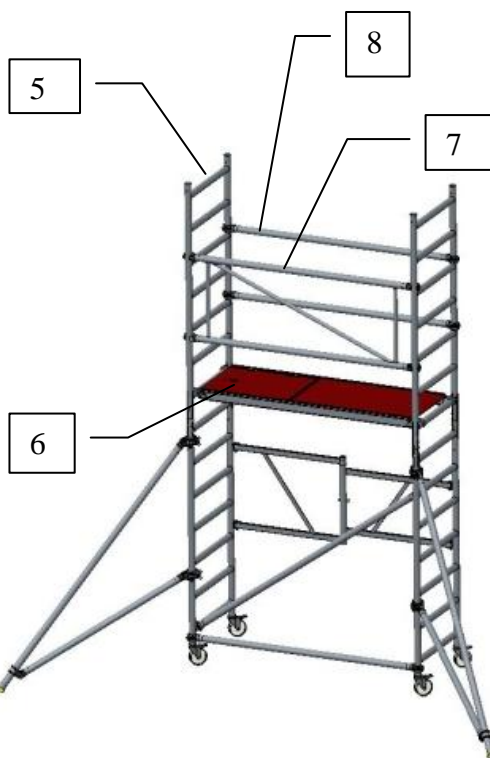


1: if necessary: mount 4 x wheel
(insert eccentric of wheel in tube, firmly turn on bolt)

2: place the horizontal (open side of claws pointed to the outside)

3: place the diagonal

4: assemble both outriggers:
-place the upper coupling on the stand below the rung
-put base on the ground
-loosely attach the bottom coupling to the stand and push the coupling up over the stand until the outrigger is a little bit under pressure
-firmly tighten both couplings



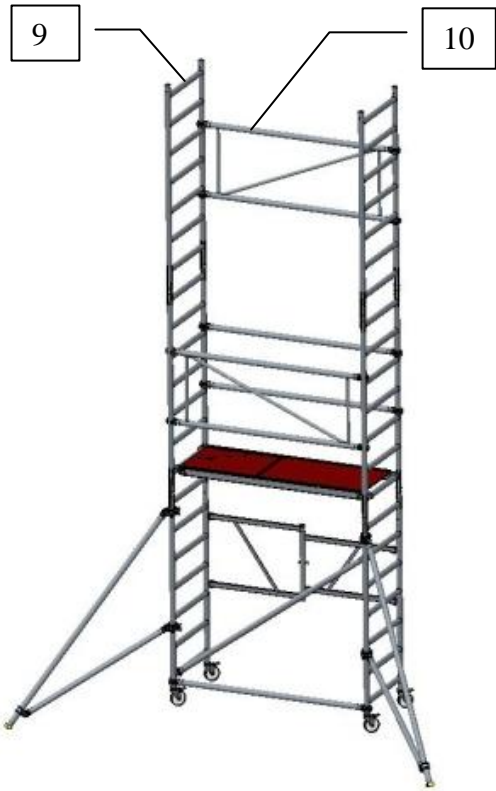
nb. when using the scaffold freestanding use 2 additional outriggers

5: place the mounting frames; secure the frame with 2 securing clips

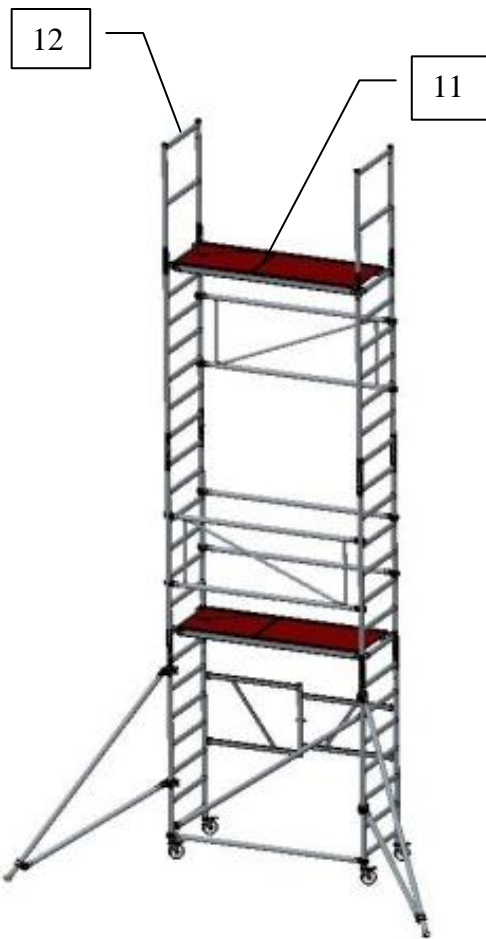
6: place trapdoor platform; slide both windsecuring pins under the rung

7: place the backside frame between the mounting frames (open side of claws pointed to the outside)

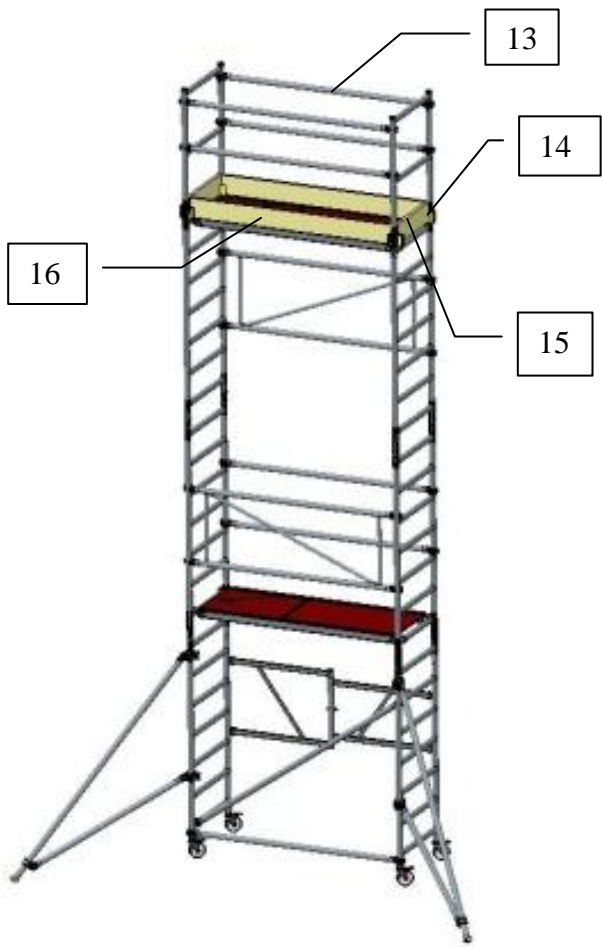
8: place the 2 horizontals (open side of claws pointed to the outside)



9: place the mounting frames; secure the frame with 2 securing clips
 10: place the backside frame between the mounting frames (open side of claws pointed to the outside)



11: place trapdoor platform; slide both windsecuring pins under the rung
 12: place the end guardrails; secure the guardrail with 2 securing clips



- 13: place the 4 horizontals (open side of claws pointed to the outside)
- 14: place the 4 toeboardholders
- 15: place both toeboards (on the short side)
- 16: place both toeboards (on the long side).

6 USING THE SCAFFOLD

Prior to every use you must check whether:

- the base (among others outriggers) of the scaffold is correct;
- the total composition / construction is correct and complete;
- there is no change in conditions, which affect the safe use of the scaffold.

The scaffold is built to provide a safe working place on a height.

It is not allowed using the scaffold as a stairway-tower for other constructions. It is also prohibited using it as hanging scaffold or using it for stepping over to other constructions. It is forbidden using bridges between mutual scaffolds or between a scaffold and a building.

The maximum workload is 150 kg/m² (scaffold class 2); each scaffold may have maximum load on only one level.

It is not allowed to jump on the platforms; the trapdoor must always be closed, except when you are climbing up or down.

The maximum platformheight is –dependent of the version- :
1m., 1,8m., 3,5m. en 5,2m.

The FOLDY scaffolding with platformheight 1m. and 1,8m. may *only be used inside*.

The FOLDY scaffolding with platformheight 3,5m. en 5,2m. may be used *both inside and outside*.

You may only climb from the inner side of the scaffold (onto frames)

Do not put boxes, stairways or other equipment on the platform in order to gain height.

It is forbidden to work on the scaffold if the wind force is stronger than 6 Beaufort (big leaves move, umbrellas bend, wind speed is 11-14 m/s = ± 45 km/h).

If a wind force higher than 6 Beaufort is predicted, the scaffold must be disassembled, anchored or transported to a wind free area. This should also be done if the scaffold is not in use.

Please be careful with openings between buildings, edges and spots of buildings, extra wind forces could be possible.

The maximum allowed horizontal force is 30 kg, so be aware of this when you exercise horizontal forces (e.g. drilling), which could endanger the stability of the scaffold.

It is not allowed to step onto horizontals, diagonals and guardrails.

It is not allowed to attach wind-catching materials such as advertising boards or canvasses onto free-standing scaffolds.

Do not expose the scaffold to aggressive liquids or gasses.

It is not allowed attaching lifting equipment onto a mobile scaffold.

7 MOVING THE SCAFFOLD

The scaffold may only be moved lengthways by hand from the ground. During this move you may not exceed the normal walking speed and no persons or materials are allowed on the scaffold during this move. Be aware of any obstacles that could be on/above the ground when you move the scaffold.

If the wind is stronger than 4 Beaufort it is forbidden to move the scaffold (dust, sand and paper blow up, little leaves are torn off, wind speed is 4-6 m/s = ± 18 km/h).

You should be very careful when the scaffold is moved over bad surfaces (inclined planes, insufficient load-carrying capacity, holes, etc.); the wheels should be free or braked, depending on the situation.

If you move the scaffold, the supporting points of the outriggers should only be a few centimetres above the ground. After moving, put the supporting points on the ground again.

8 ANCHORING

The anchors must be used when the scaffold gets too instable, e.g. by strong wind.

The anchors must be solid and must be attached to both frame-stands by couplings.

Anchor only on durable spots onto a construction or building.

At about 3 meter height 2 anchors must be used (so: one per frame).

9 DISASSEMBLING THE SCAFFOLD

Disassembly is done in reversed order.

Lowering parts should be done by handing the parts from one platform to the other.

Disassemble the scaffold from the top to the base. Never throw with parts.

10 MAINTENANCE

All parts, particularly the pivoting parts and the welds, must be inspected regularly, but at least once per year, on wear and damages. Lost or damaged parts must be replaced.

Aluminium scaffolding parts are not allowed to be used in the following cases:

- when round tubes have one or more dull dents with a depth of more than 3,0 mm;
- when round tubes have one or more dents directly next to a welding junction, in spite of the depth or shape of the dent;
- when square or rectangular tubes have one or more dull dents with a depth of more than 2,0 mm;
- when round or square tubes have one or more sharp dents or cracks, regardless length, depth or location of these dent(s)/crack.

Pivoting parts, among others wheels, must be clean and run smoothly.

Repair of scaffold-material may only be done in consultation with the producer.

11 PARTSLIST

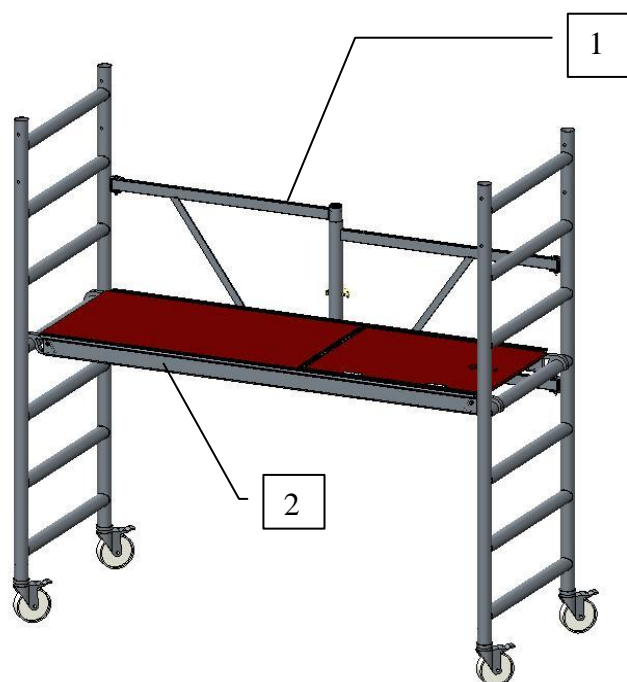
11.1 Platformheight 1m.

In the following table you will see which parts are needed assembling a scaffold with a 1m. height. Make sure that all necessary parts are present.

nr.	amount	part	order	dimension (m)	weight (kg)
1	1	folding frame (see remark 1)	771.010	1,86x0,74x0,20	22,4
2	1	trapdoor platform 1785 (alternative: platform 1785)	316.015 (316.010)	1,85x0,61x0,08	12,5

Remark 1: use castor wheels with spindle (510.010 of 510.050) on a not leveled surface.

Remark 2: forbidden to use outside



inside use only

11.2 Platformheight 1,8m.

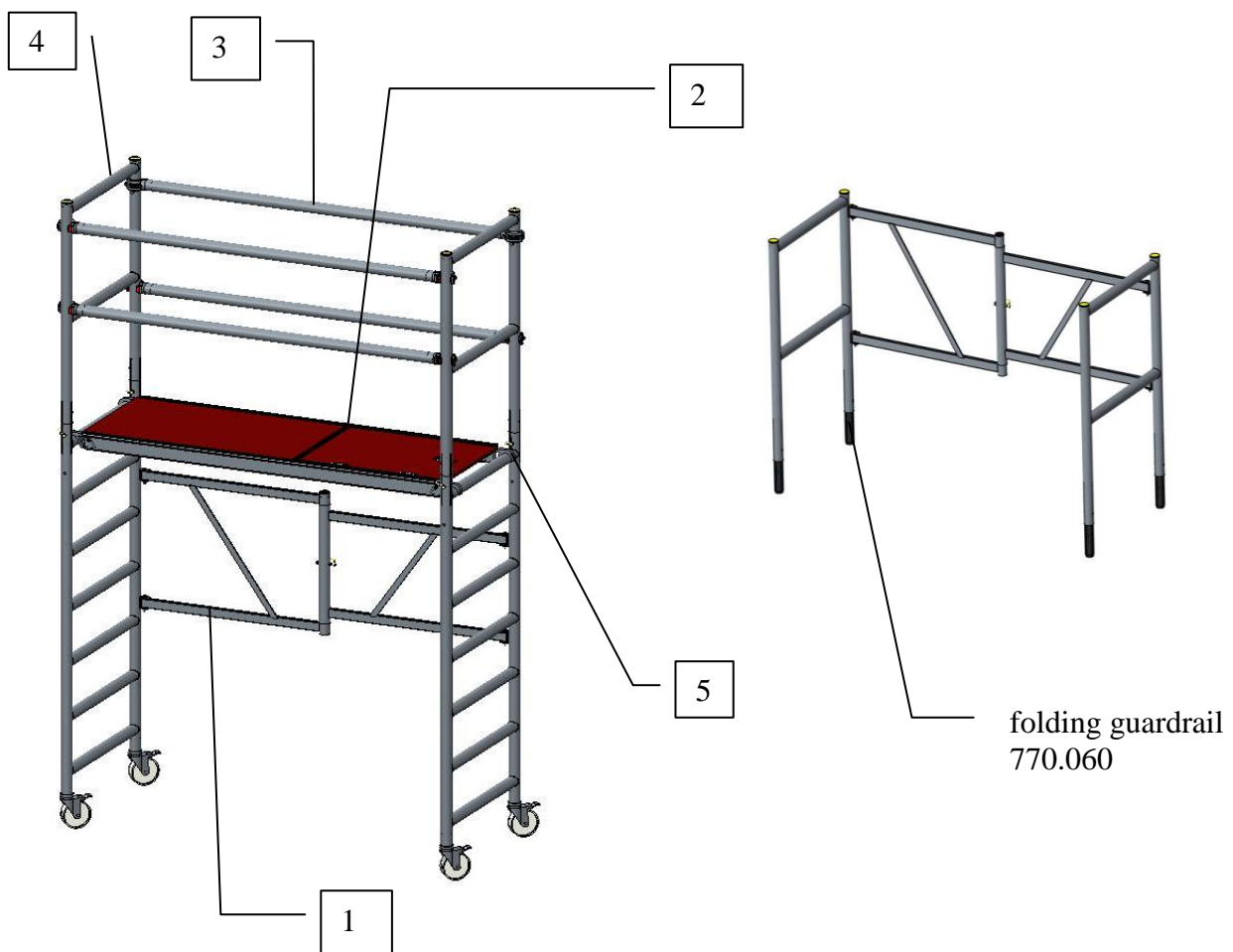
In the following table you will see which parts are needed assembling a scaffold with a 1,8m. height. Make sure that all necessary parts are present.

nr.	amount	part	order	dimension (m)	weight (kg)
1	1	folding frame (see remark 1)	771.010	1,86x0,74x0,20	22,4
2	1	trapdoor platform 1785	316.015	1,85x0,61x0,08	12,5
3	4	horizontal 1785	200.058CR	1,85x0,05x0,05	2
4	2	end guardrail	720.001	1,17x0,74x0,05	3,6
5	4	securing clip	410.163	round 10mm	0,06

Remark 1: use castor wheels with spindle (510.010 of 510.050) on a not leveled surface.

Remark 2: forbidden to use outside

Remark 3: as alternative for 2 x end guardrail (720.001) and 2 x horizontal (200.058CR) can be used 1 x folding guardrail 770.060.



inside use only

11.3 Platformheight 3,5m.

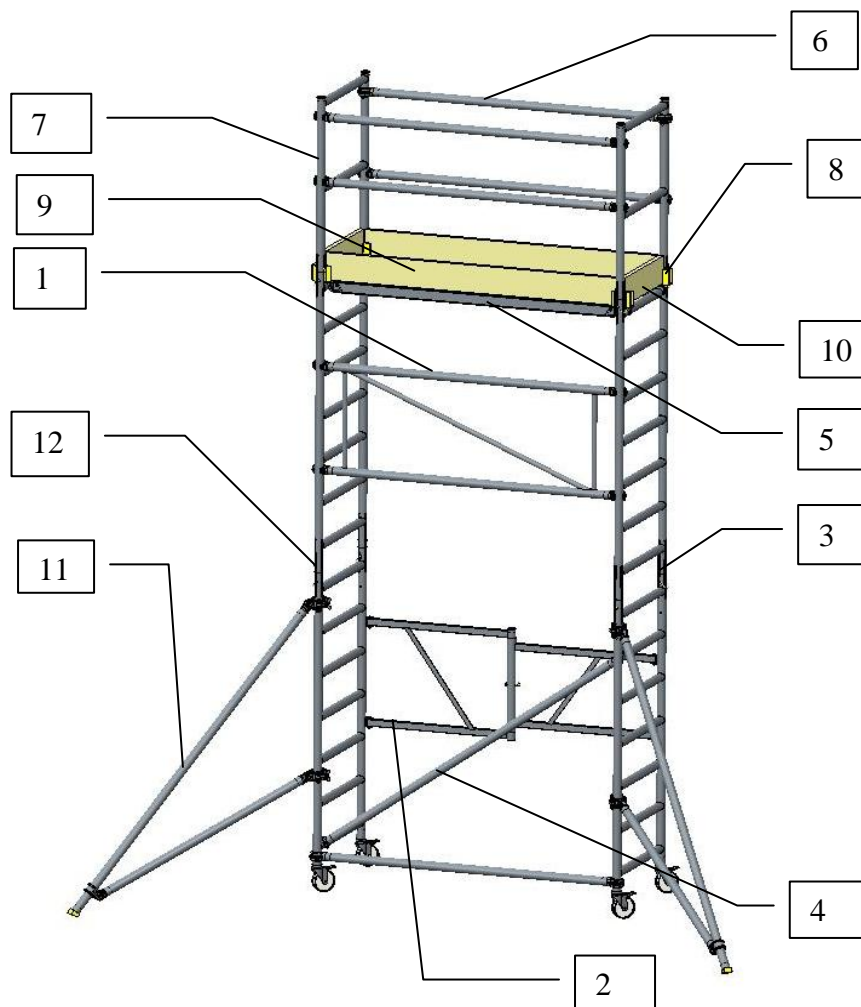
In the following table you will see which parts are needed assembling a scaffold with a 3,5m. height. Make sure that all necessary parts are present.

nr.	amount	part	order	dimension (m)	weight (kg)
1	1	backside frame	720.055	1,86x0,66x0,05	5,6
2	1	folding frame (see remark 1)	771.010	1,86x0,74x0,20	22,4
3	2	mounting frame	720.048	1,9x0,74x0,05	7,7
4	1	diagonal	200.057CR	2,24x0,05x0,05	2,5
5	1	trapdoor platform 1785	316.015	1,85x0,61x0,08	12,5
6	5	horizontal 1785	200.058CR	1,85x0,05x0,05	2
7	2	end guardrail	720.001	1,17x0,74x0,05	3,6
8	4	toeboardholder (with hole)	800.089	0,1x0,1x0,1	0,2
9	2	toeboard	200.086	1,73x0,16x0,03	2,5
10	2	toeboard	200.092	0,6x0,16x0,03	1,2
11	2	outrigger (see remark 2)	430.200	2,25x0,1x0,05	6,5
12	8	securing clip	410.163	round 10mm	0,06

Remark 1: use castor wheels with spindle (510.010 of 510.050) on a not leveled surface.

Remark 2: when using the scaffold freestanding use 2 additional outriggers.

Remark 3: as alternative for 2 x end guardrail (720.001) and 2 x horizontal (200.058CR) can be used 1 x folding guardrail 770.060.



11.4 Platformheight 5,2m.

In the following table you will see which parts are needed assembling a scaffold with a 5,2m. height. Make sure that all necessary parts are present.

nr.	amount	part	order	dimension (m)	weight (kg)
1	2	backside frame	720.055	1,86x0,66x0,05	5,6
2	1	folding frame (see remark 1)	771.010	1,86x0,74x0,20	22,4
3	4	mounting frame	720.048	1,9x0,74x0,05	7,7
4	1	diagonal	200.057CR	2,24x0,05x0,05	2,5
5	2	trapdoor platform 1785	316.015	1,85x0,61x0,08	12,5
6	7	horizontal 1785	200.058CR	1,85x0,05x0,05	2
7	2	end guardrail	720.001	1,17x0,74x0,05	3,6
8	4	toeboardholder (with hole)	800.089	0,1x0,1x0,1	0,2
9	2	toeboard	200.086	1,73x0,16x0,03	2,5
10	2	toeboard	200.092	0,6x0,16x0,03	1,2
11	2	outrigger (see remark 2)	430.200	2,25x0,1x0,05	6,5
12	12	securing clip	410.163	round 10mm	0,06

Remark 1: use castor wheels with spindle (510.010 of 510.050) on a not leveled surface.

Remark 2: when using the scaffold freestanding use 2 additional outriggers.

Remark 3: as alternative for 2 x end guardrail (720.001) and 2 x horizontal (200.058CR) can be used 1 x folding guardrail 770.060.

