

ASSEMBLY AND USE MANUAL

CUSTERS® WINDOW SCAFFOLD



Maximum load: 300 kg

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Table of contents

1.	Introduction	3
2.	Specifications	4
3.	Warranty and liability	4
4.	Delivery control.....	4
5.	Safety instructions	5
5.1	Pre-assembly check	5
5.2	Construction.....	5
6.	Construction of the window scaffold	6
7.	Use	10
8.	Dismantling the window scaffold	10
9.	Maintenance	11
10.	Components	12
10.1	Construction	12
10.2	Composition table	13

1. Introduction

The Custers window scaffold is part of a wide range of aluminium scaffolding variants.

The Custers window scaffold is available in the following versions:

- Platform length: 1,8 m, 2,5 en 3 m
- Platform width: 0,7 m

This manual is intended to instruct you step by step on how to set up your scaffolding easily and safely. Incorrect construction may result in danger to the user. Read the safety instructions carefully before assembly. The construction and dismantling must be done by experienced and knowledgeable persons.

The user is responsible for the presence of the manual at the place where the window scaffold is assembled and used, as well as with the person who supervises the work.

If there are any uncertainties regarding this manual, please contact your supplier and/or producer.

Producer:

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Supplier:



2. Specifications

Norm:	EN 12811 : 2004
Max. load:	300 kg
Max. wind load:	6 Beaufort
Max. number of platforms to be loaded:	1
Min. number of people building:	2

3. Warranty and liability

Custers provides a warranty for material and manufacturing defects up to 12 months after delivery.

The warranty means that we repair the errors at our expense or - at our sole discretion - take back all or part of the delivered goods and replace them with a new delivery.

If we replace products delivered in fulfilment of our warranty obligation, the replaced products become our property. All costs that exceed the obligation described above are for the account of the Client. If products are provided for processing, repair, etc., only a guarantee is given for the soundness of the execution of the commissioned processing.

Our liability does not apply:

- a. If the errors are the result of improper use or of other causes other than unsoundness of material or manufacturing.
- b. If the cause of the errors cannot be clearly demonstrated.
- c. If not all instructions given for the use of the products, including the guidelines as indicated in this manual are punctual and complete subsequent.

The manufacturer's liability does not apply if the buyer makes changes and/or repairs to the delivered products on his own initiative or has them carried out.

4. Delivery control

Upon receipt, check whether the window scaffold has been delivered complete and undamaged.

Contact your supplier immediately if you find that the parts of the window scaffold are damaged or that the delivered is incomplete.

5. Safety instructions

5.1 Pre-assembly check

Check whether the technicians are sufficiently qualified and check whether the place where the scaffolding is to be placed is safe and suitable.

Please note:

- The place where the scaffolding is mounted must have sufficient load-bearing capacity (window frame, wall, façade, ceiling construction).
- This space must be free of obstacles.
- Check whether the wind conditions are such that the scaffolding can be used (see chapter 6).
- Check that all parts are present at the workplace.
- Damaged, wrong or non-original parts may never be used.
- Work safely at all times, even during assembly: Place the parts in place by reaching out the window from the relevant room in the building.

5.2 Construction

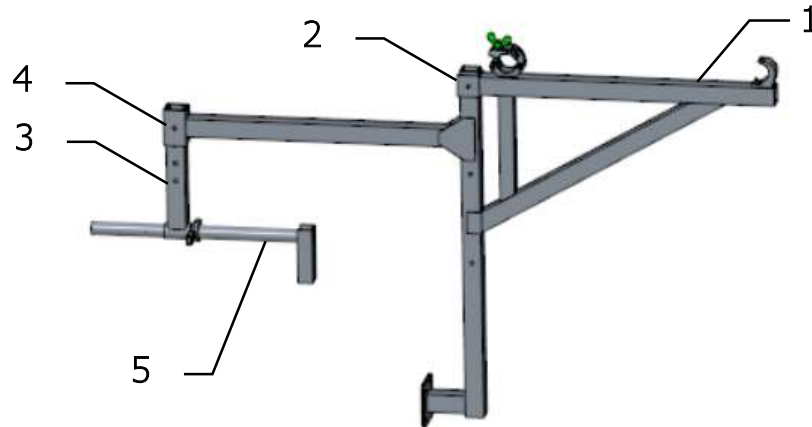
The construction of the window scaffold is described in the construction instructions; The construction can be done by only 1 person.

The window scaffold must be set up flat; Check this with a spirit level.

The platform must be secured by sliding the catches of the blow-out protection under the rung. The endrail must be secured in relation to the end frame by means of locking pins. The horizontals or handrails must be attached to the uprights in such a way that the openings of the claws point outwards.

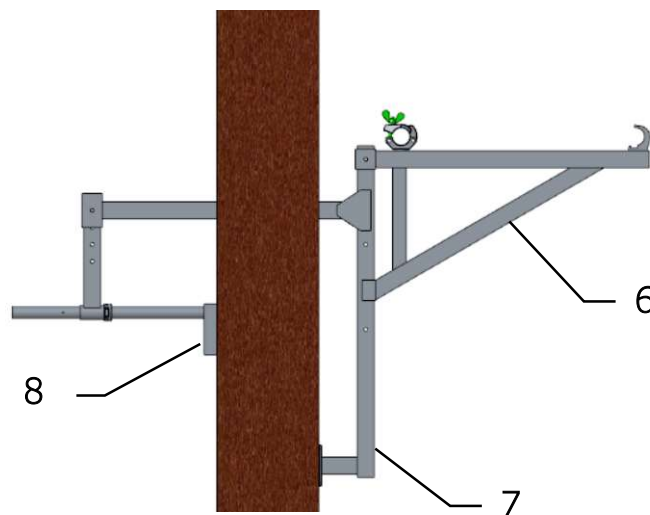
The platform of the window scaffold must be equipped with: hip and knee rest on the outside and toe boards all around.

6. Construction of the window scaffold

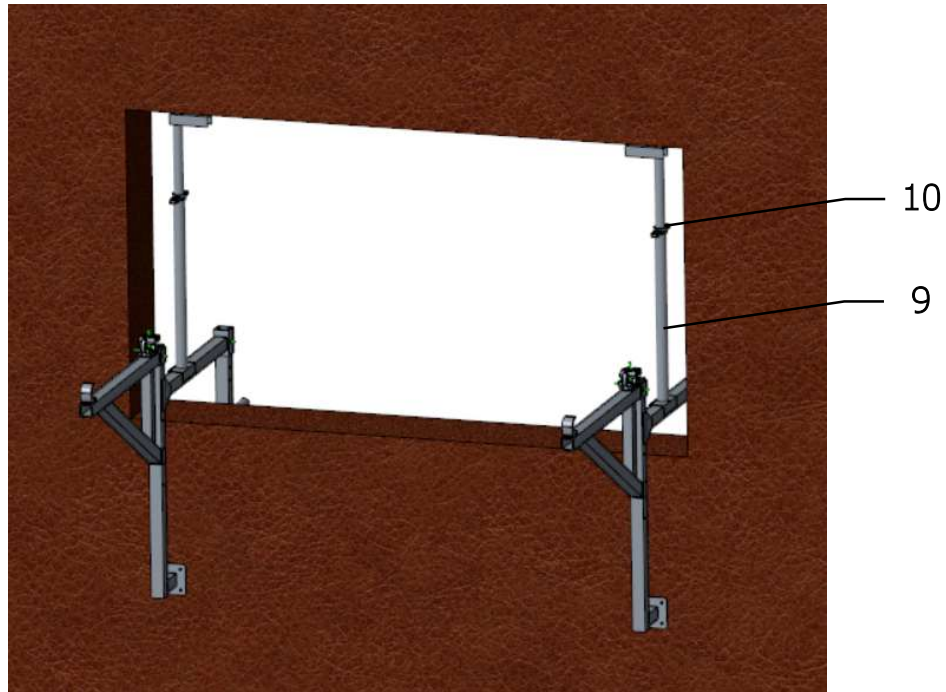


Assemble the two frame frames (if necessary) as follows:

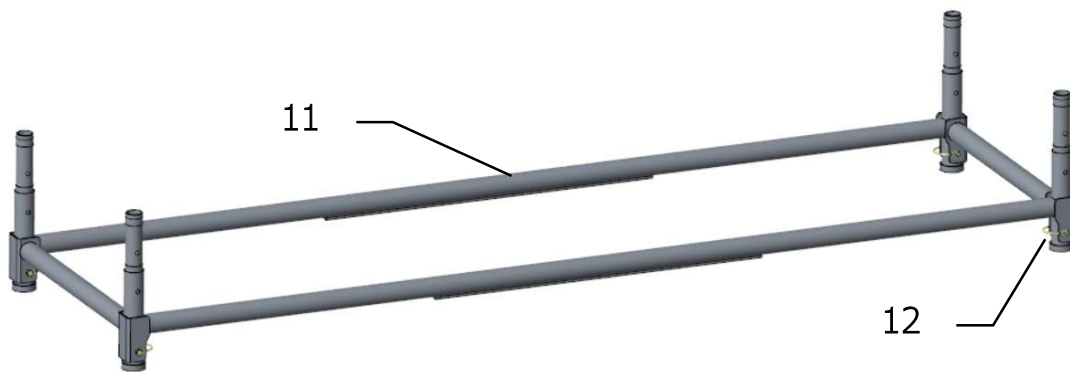
- 1: Apply the console to the frame at the desired height.
- 2: Assemble bolt and wing nut.
- 3: Apply the interior frame to the frame at the desired height.
- 4: Assemble bolt and wing nut.
- 5: Apply the spindle with support to the instander.



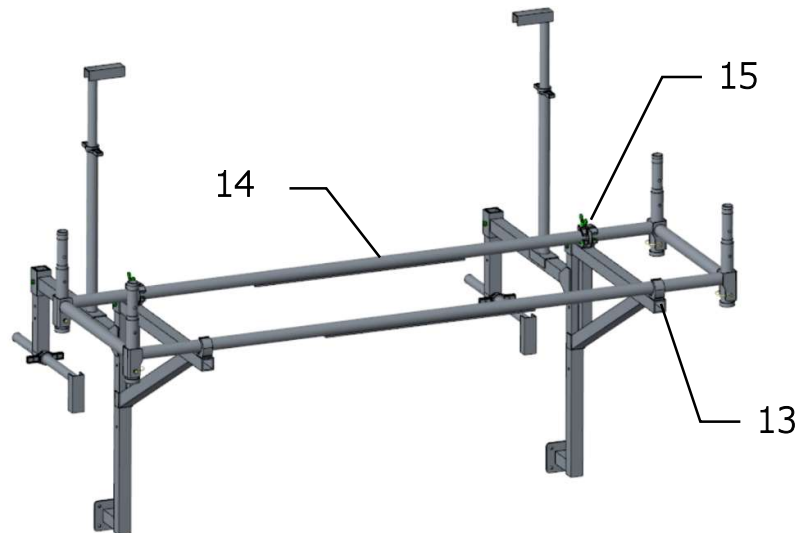
- 6: Insert both composite frame frames into the frame as far as possible Each other; fill in possibly. frame compared to frame with suitable filling material to prevent damage.
- 7: Support the frame frame against the outer wall; fill in possibly. frame frame support compared to the outer wall with suitable filling material to prevent damage; bee using wooden filler material, it is possible to screw the wood to the support plate of the frame frame.
- 8: Support the spindle with support against the inner wall by tightening the spindle nut; fill in possibly. spindle support to the wall with suitable filling material to damage.



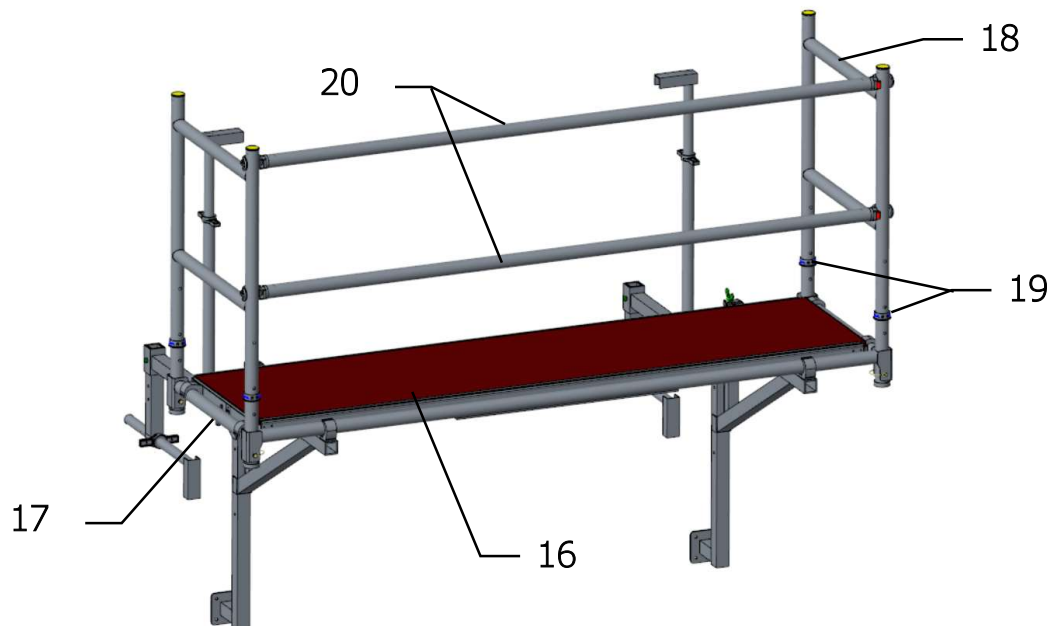
- 9: Apply twice spindle with support + ceiling support, on the frame frame in the flat of the frame.
- 10: Tension the supports by tightening the spindle nut fill if necessary. spindle support at the top with suitable filling material to prevent damage prevent.



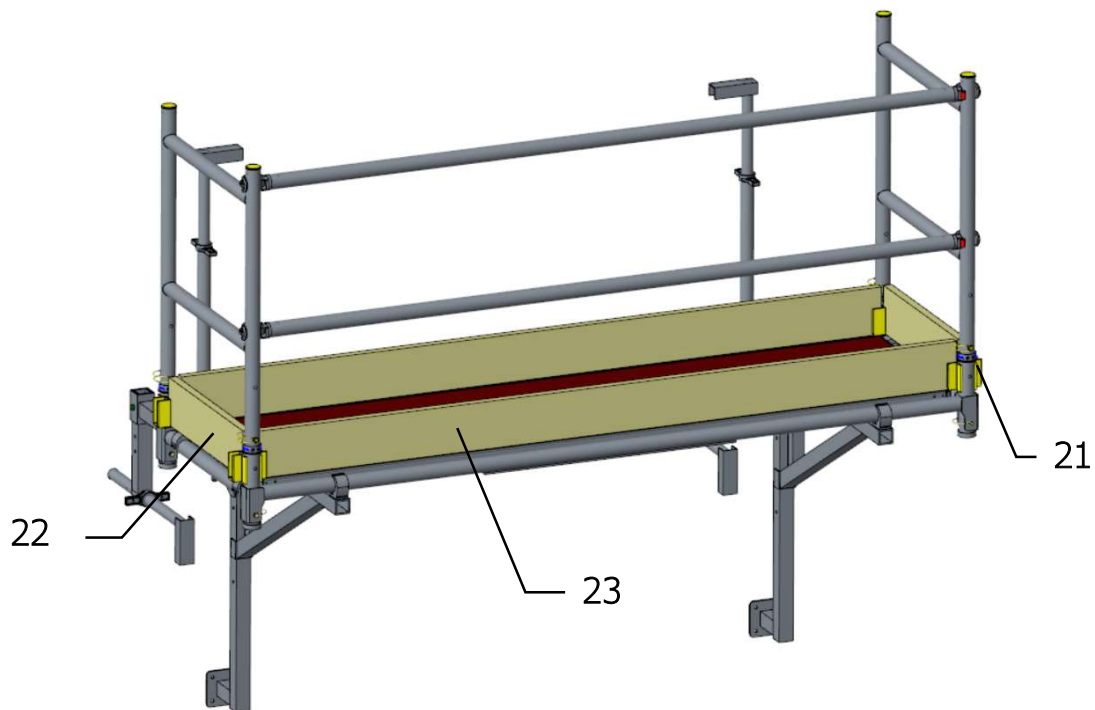
- 11: Make a floor frame using 2 head frames and 2 support tubes; Make sure that the floor frame is square and that the strip on the support tubes at the bottom seat.
- 12: Connect the parts together using a bracket locking pin at each corner.



- 13: Hook the floor frame into the claws of both consoles.
- 14: Tilt the floor frame (in the claws) until it is in both couplings.
- 15: Tighten both couplings firmly.



- 16: Apply the platform.
- 17: Slide the two safety devices of the platform under the rungs.
- 18: Attach the two end railings to the head frame.
- 19: Secure the end railings in relation to the end frame with locking pins.
- 20: Apply the two horizontals (on the outside). Make sure that the openings of the the claws pointing outwards.



- 21: Attach the four toe board holders.
- 22: Attach the two end toe boards.
- 23: Attach the two longitudinal side boards.

Note: Due to the strip on the underside of the supporting tube of the floor frame, it is not possible to place the frame frames closer together than 48 or 88 or 143 cm for the platform of 1.8 or 2.5 or 3 m length.

7. Use

Before each use, it should be checked that:

- The overall construction is correct and complete,
- The spindle nuts are tightened sufficiently tightly,
- The blow-out protections of the platform are well slid under the tube of the head frame.
- There are changes in conditions that may affect the safe use of the scaffolding.

A window scaffold is intended to provide access to a workplace.

No bridges may be made between a window scaffold and a building.

No bridges may be made between window scaffolding.

The maximum working load is 300 kg.

It is forbidden to jump on the platform.

Do not place boxes, stairs or other aids on the work floor to gain height.

It is forbidden to work on the scaffolding if the wind force is greater than 6 Beaufort (large branches move, umbrellas double,

The wind speed is 11 - 14 m/s = ± 45 km/h).

If the wind force is expected to be greater than 6 Beaufort, the window scaffold must be dismantled. This must also be done if the scaffolding is not in use.

Beware of openings in buildings, unclad buildings, and corners of buildings that may cause additional wind loads.

Be careful when applying horizontal forces (e.g. drilling), which pushes the scaffolding away from a structure; The maximum horizontal load is 30 kg.

The hip and knee supports may not be used as a step.

It is forbidden to attach wind-catching surfaces such as advertising signs or tarpaulins to the window scaffolding. The scaffold must not be exposed to aggressive liquids or gases.

Hoists may not be attached to the scaffolding.

8. Dismantling the window scaffold

Dismantling of the window scaffold takes place in reverse order. Start by removing the toe boards and toe board holders.

Do not throw parts!

9. Maintenance

All parts, especially the moving parts and the welds, must be checked regularly, but at least once a year, for wear and damage.

Missing and broken parts must be replaced.

Aluminium parts may no longer be used in the following cases:

- If round tubes have one or more dull dents with a depth of more than 3.0 mm.
- If round pipes have one or more dents directly next to a welded joint, regardless of dent depth and shape of the dent.
- If square/rectangular tubes have one or more dull dents with a depth of more than 2.0 mm.
- If pipes or tubes have one or more sharp dents or cracking, regardless of length/depth and location of the dent(s)/crack.

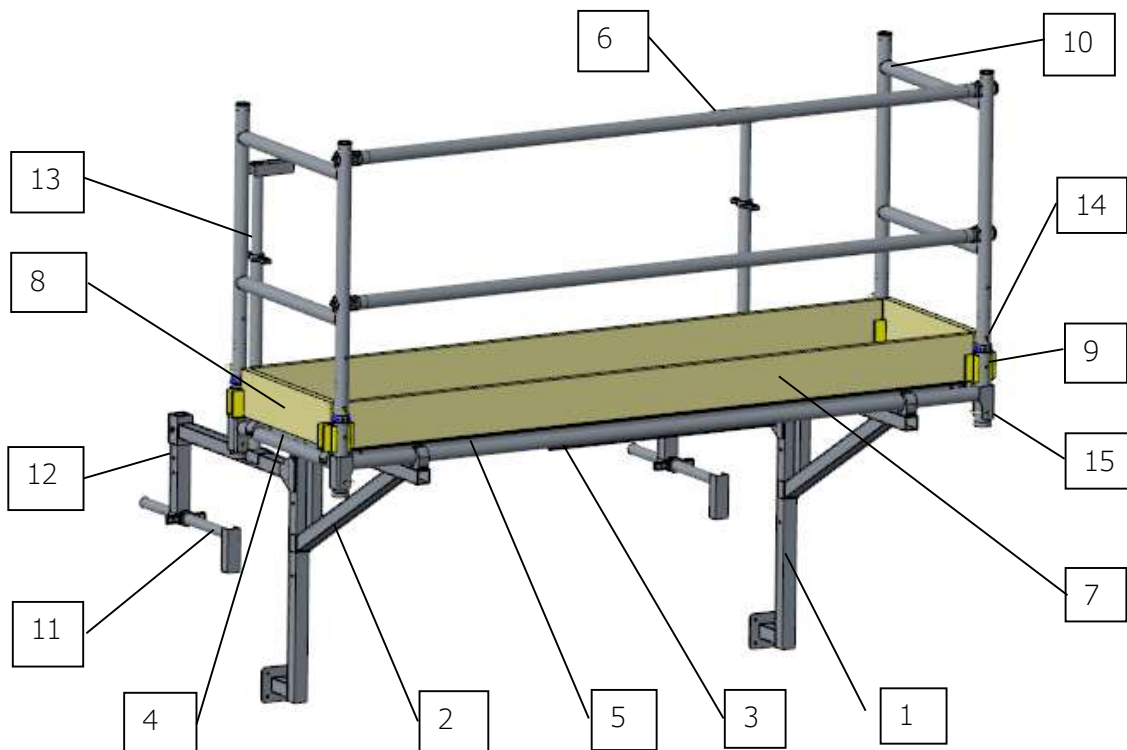
Moving parts, including spindles, must be clean and running smoothly.

Repair of scaffolding material should always be done in consultation with the manufacturer.

10. Components

10.1 Construction

	Part	weight (kg)	weight (kg)	weight (kg)
		length: 1,8m	Length: 2,5 m	Length: 3 m
1	Frame	5,2	5,2	5,2
2	Console	5,0	5,0	5,0
3	Carrier tube	2,8	3,5	4,2
4	Kopframe	1,0	1,0	1,0
5	Platform	15	19,5	24
6	Horizontal	2,3	3	3,5
7	Toe board long	3,3	4,4	5,8
8	Toe board short	1,2	1,2	1,2
9	Toe board holder	0,2	0,2	0,2
10	End handrail	3	3	3
11	Spindle with support	3,6	3,6	3,6
12	Insider	0,9	0,9	0,9
13	Ceiling mount short/medium/long	1,3	1,3	1,3
14	Locking pin	0,1	0,1	0,1
15	Bracket locking pin	0,1	0,1	0,1



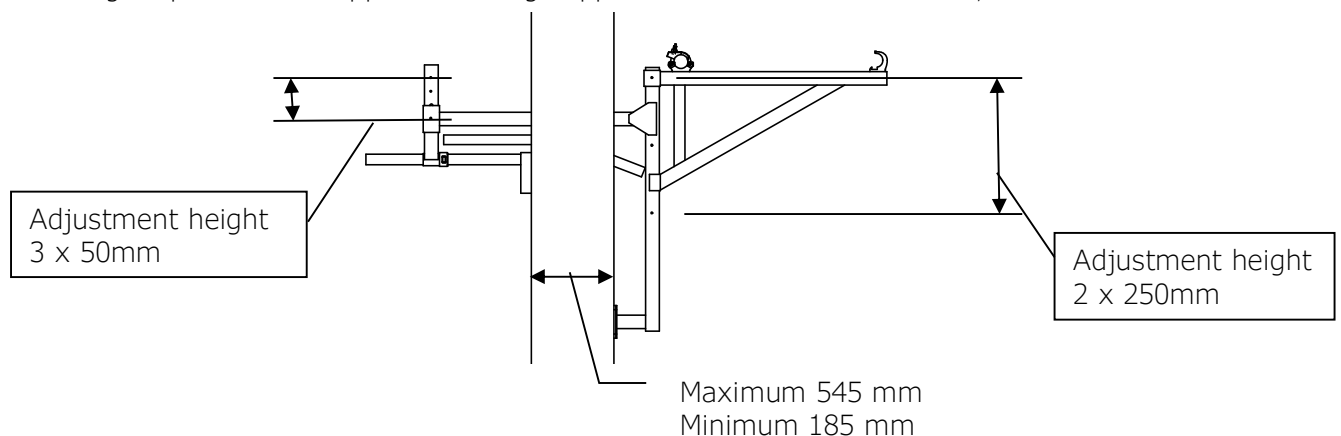
10.2 Composition table

The following table shows which parts are needed for the erection of a scaffold of a certain length. Make sure these parts are also present.

			length: 1,8m	Length: 2,5 m	Length: 3 m
	Definition	Number	Article	Article	Article
1	Kozijnframe	2	9501.916.010	9501.916.010	9501.916.010
2	Console	2	9501.916.021	9501.916.021	9501.916.021
3	Carrier tube	2	9501.916.027	9501.916.028	9501.916.029
4	Kopframe	2	9501.916.024	9501.916.024	9501.916.024
5	Platform	1	9501.310.010	9501.310.020	9501.310.030
6	Horizontal	2	9501.200.058	9501.200.030	9501.200.040
7	Toe board long	2	9501.200.086	9501.200.080	9501.902.080
8	Toe board short	2	9501.200.092	9501.200.092	9501.200.092
9	Kantplankhouder	4	9501.800.087	9501.800.087	9501.800.087
10	Eindleuning	2	9501.200.122	9501.200.122	9501.200.122
11	Spindel met steun	4	9501.916.070	9501.916.070	9501.916.070
12	Insider	2	9501.916.080	9501.916.080	9501.916.080
13	Ceiling support short	2	9501.916.060	9501.916.060	9501.916.060
	Ceiling support medium	2	9501.916.062	9501.916.062	9501.916.062
	Ceiling support long	2	9501.916.064	9501.916.064	9501.916.064
	Ceiling support 1700-2150	2	9501.916.066	9501.916.066	9501.916.066
	Ceiling support 2120-2500	2	9501.916.068	9501.916.068	9501.916.068
14	Lockin Pin	4	9501.410.162	9501.410.162	9501.410.162
15	Bracket locking pin	4	9501.410.163	9501.410.163	9501.410.163

For pos 13, depending on the situation on location, you can choose from 5 different options, namely:

- Length of spindle with support + ceiling support short: min. 720mm, max. 1100mm.
- Length spindle with support + ceiling support medium: min. 1070mm, max. 1450mm.
- Length spindle with support + ceiling support long: min. 1420mm, max. 1800mm.
- Length spindle with support + ceiling support: min. 1770mm, max. 2150mm.
- Length spindle with support + ceiling support: min. 2120mm, max. 2500mm.





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