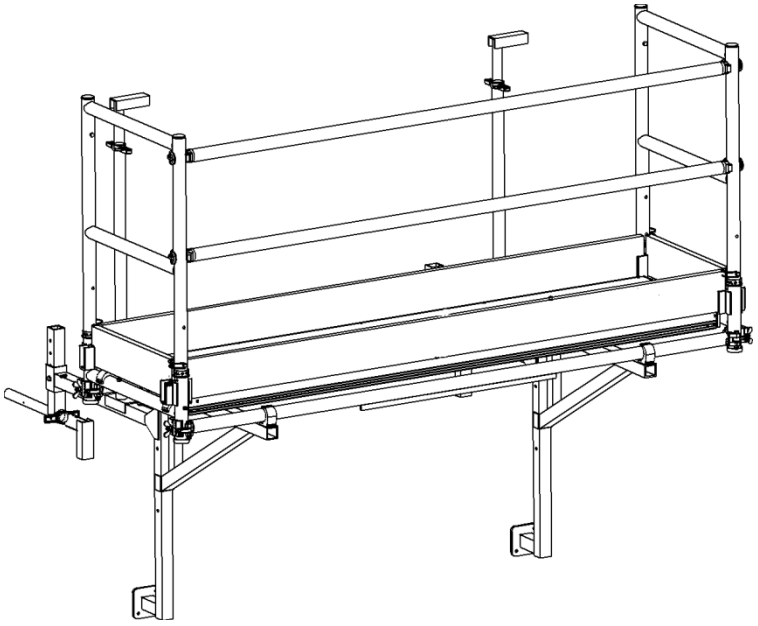
ASSEMBLY AND USERS' INSTRUCTION

CUSTERS®
WINDOW SCAFFOLDING



maximum load: 300 kg

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1 INTRODUCTION

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

The Custers window scaffolding is available in the following sizes:
- Platform length: 1.8 m, 2.5 m and 3.1 m
- Platform width: 0.7 m

This instruction manual gives the reader step-by-step instructions on how to assemble the scaffolding in a simple and safe way. The user may be placed in danger if the scaffolding is not assembled correctly. Read the safety instructions carefully before assembling the scaffolding. The scaffolding must be assembled and disassembled by experienced and expert personnel.

The user is responsible for the fact that the instruction manual must be at the location where the window scaffolding is assembled and used. He is also responsible for ensuring that the person supervising the work has a copy of this instruction manual.

If there is any uncertainty concerning these instructions, please contact your supplier and/or manufacturer.

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Supplier:

2 GUARANTEE AND LIABILITY

Custers issues a warranty for material and manufacture faults for a period of 12 months after the delivery date.
The warranty means that Custers will pay to repair any faults or, at their own discretion, Custers will replace the entire or partial delivery.
If we replace delivered products in order to meet our warranty obligations, the replaced products become our property. All the costs that exceed the obligation stated above will be met by the client. If products are handed over for treatment, repair, etc., a warranty is only issued for the quality of the treatment required.

We are not liable if:
a. The faults are the result of improper use or a reason other than poor materials or manufacture.
b. The cause of the faults cannot be clearly demonstrated.
c. The instructions for the use of the product, including the guidelines given in this instruction manual, are not strictly and fully observed.

The manufacturer is not liable if the purchaser makes alterations and/or repairs to the products or has alterations and/or repairs made by a third party on his own accord.

3 CHECKING THE DELIVERY

After receiving the delivery, check whether the window scaffolding is complete and undamaged.
Contact your supplier immediately if you observe that the window scaffolding components are damaged or if the delivery is incomplete.

4 SAFETY INSTRUCTIONS

4.1 Checking before assembly

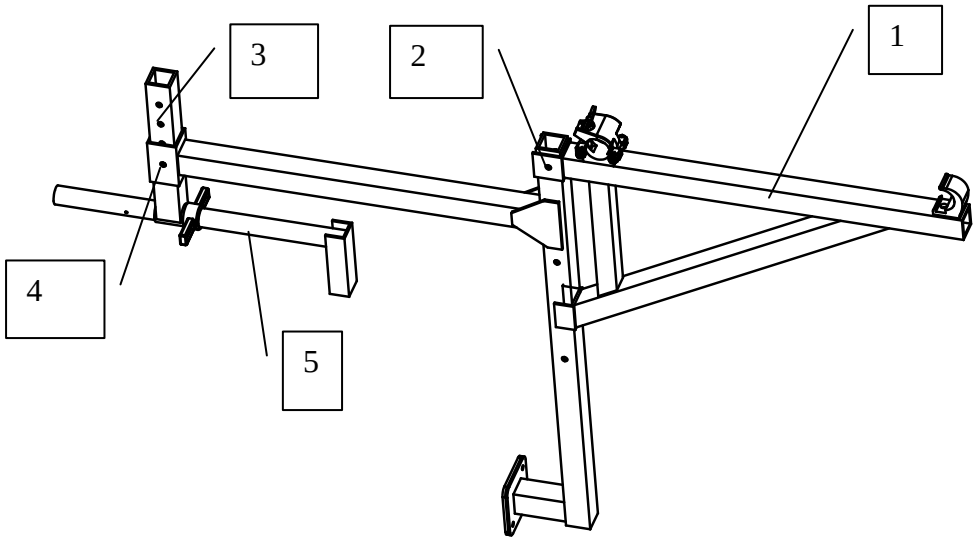
Check whether the assemblers are sufficiently qualified and check if the location where the scaffolding will be assembled is safe and suitable.

Note:
- The location where the scaffolding will be assembled must be able to support the weight (window frame, as well as the wall, facade and ceiling).
- This location must be free of obstructions.
- Check whether the wind conditions are such that it is safe to use the scaffolding (see chapter 6).
- Check whether all the components are present at the work location.
- Damaged, incorrect or non-original components must never be used.

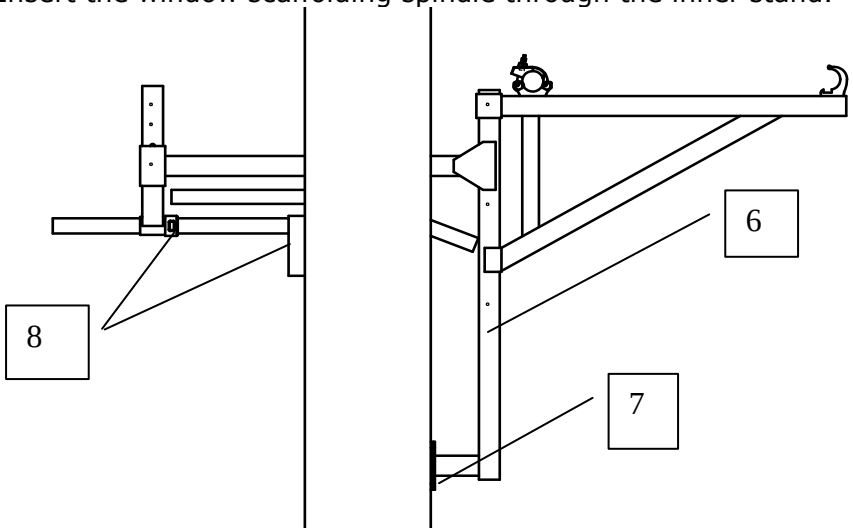
4.2 Assembly

The assembly of the window scaffolding is explained in the assembly instructions; the scaffolding can be assembled by one person.
The window scaffolding must be assembled on a flat surface; check this using a spirit level.
The platform must be secured against being blown away by sliding the catches of the wind protection device under the rung. The end railing must be secured to the floor frame using securing pins. The horizontal sections or railings must be fitted to the stands so that the openings of the claws face outwards.
The platform of the window scaffolding must have railings and knee guards on the outside and toe boards all the way round.

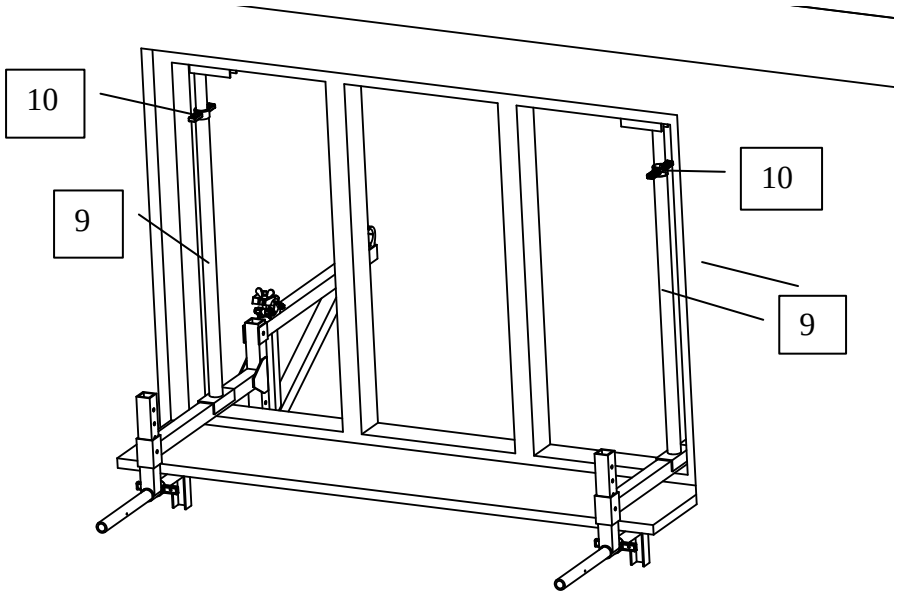
5 ASSEMBLY OF THE WINDOW SCAFFOLDING



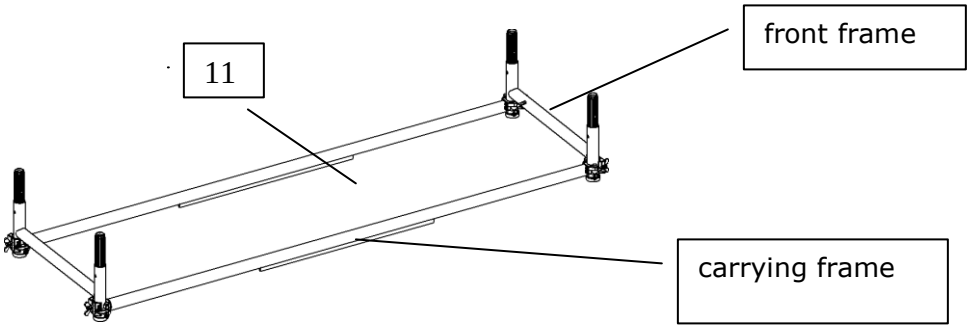
If necessary, put both window frames together as follows:
1: Slide the console to the desired height over the window frame.
2: Fit the bolt and the wing nut to secure the window frame and the console in position.
3: Insert the inner stand into the window frame at the desired height.
4: Fit the bolt and the wing nut to secure the inner stand and the window frame in position.
5: Insert the window scaffolding spindle through the inner stand.



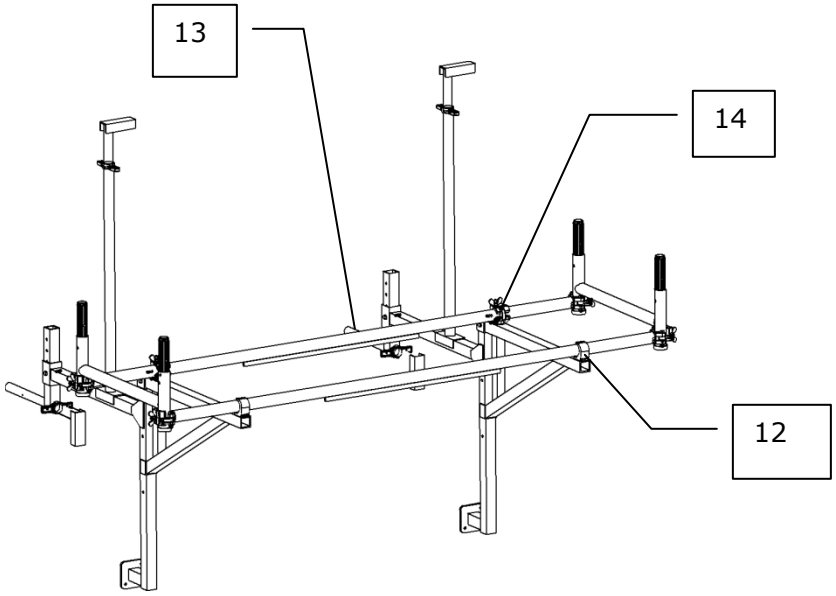
6: Hang both window frames as far as possible apart over the sill.
If desired, let the window frame rest against suitable filling material (for example, pieces of wood) to prevent damage.
7: At the same time, firmly support the window frame against the exterior wall.
If desired, let the window frame support for the exterior wall rest against suitable filling material in order to prevent damage to the wall. When using wood, it is possible to screw it against the support plate at the bottom of this window frame.
8: Support the window scaffolding spindle against the interior wall by tightening the spindle nut.
If desired, let the ends of the window scaffolding spindle for the wall rest against suitable filling material in order to prevent damage.



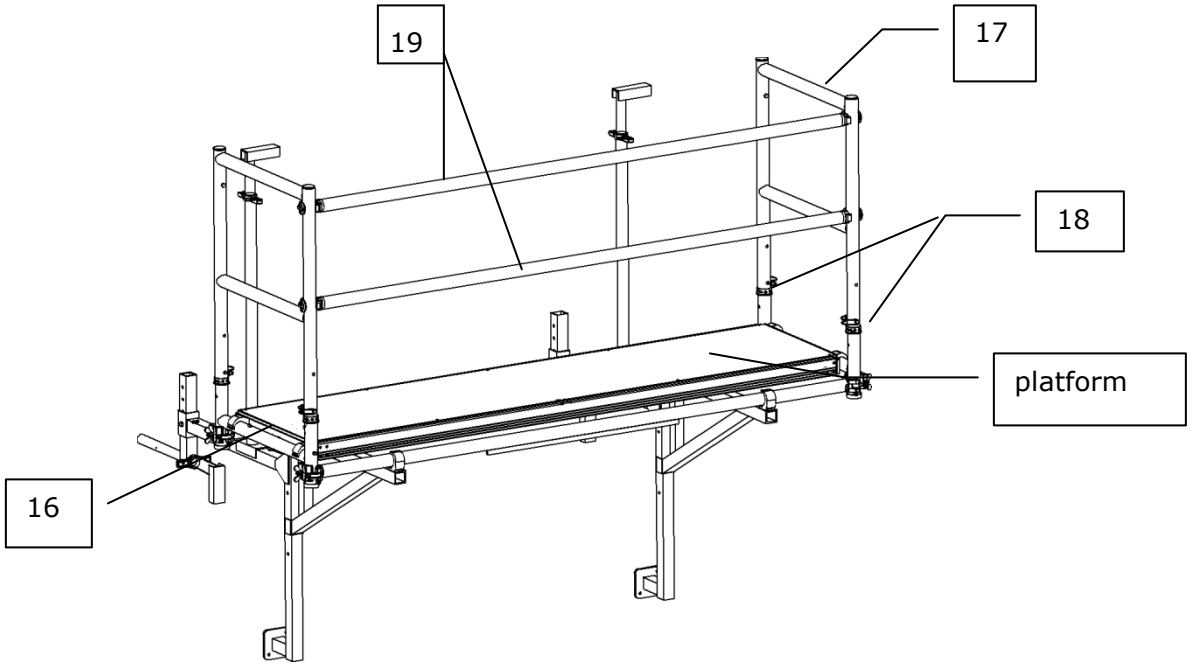
9: Insert the other two window scaffolding spindles into the ceiling supports and place those ceiling supports with the U profiles on top of the window frame inside the plane of the window frame.
10: Tension the ceiling supports by tightening the spindle nuts.
If desired, let the top of the spindle rest against suitable filling material in order to prevent damage.



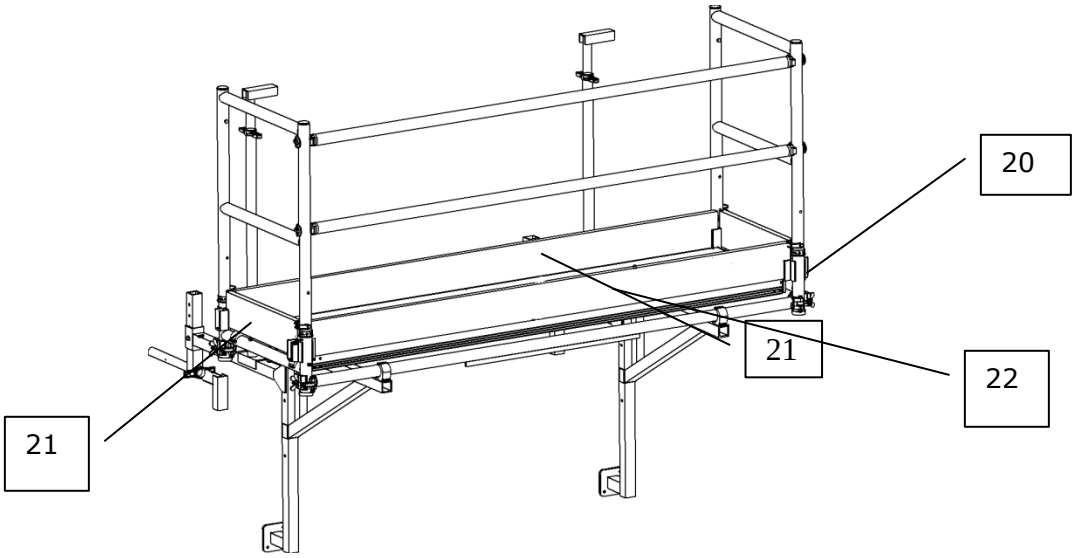
11: Make a platform with help of 2 front frames and 2 carrying frames; make sure that the platform is squared and the welded strip of the carrying frame is on the underside; tighten the couplings securely.



12: hook the platform in the claws of both consoles
13: let the platform tilt (in the claws) until it rests in both couplings
14: tighten the couplings securely



15: Fit the platform.
16: Slide both wind protection catches of the platform under the rungs.
17: Fit both railing frames to the floor frame.
18: Lock the railing frames to the floor frame using locking pins.
19: Fit both horizontal sections (on the outside) at knee and hip height making sure that the claws face away from the wall.



20: place the four side toe board holders
21: place the two toe board holders short
22: place the two toe board holders long

Comment: due to the welded strip on the underside of the carrying frame, it is not possible to place the window frames closer together than 48 cm, 88 cm and 143 cm for a platform length of 1.8 m, 2.5 m and 3.1 m respectively.

6 USE

The following must be checked each time before using the window scaffolding:

- Make sure the entire scaffolding is correct and complete.
- Make sure the spindle nuts have been tightened sufficiently.
- Check that there are no changes in the conditions which may influence the safe use of the scaffolding.

Window scaffolding is intended to give access to a work area.
It is forbidden to bridge the space between the window scaffolding and a building.
The space between different window scaffolds must not be bridged.
The maximum work load is 300 kg.
It is forbidden to jump on the platform.
Do not place boxes, stairs or other aids on the work floor in order to gain extra height.
It is forbidden to work on the scaffolding if the wind force is greater than Beaufort 6 (large branches move, umbrellas are blown inside out, the wind speed is 11-14 m/s = approx. 45 km/h).
The window scaffolding must be disassembled if the wind force is expected to be greater than Beaufort 6, even if the scaffolding is not being used.
Pay attention to openings in buildings, uncovered buildings and the corners of buildings where the wind may be stronger.
Pay attention when exerting a horizontal force (e.g. drilling), because the scaffolding is then pushed away from the construction; the maximum horizontal force is 30 kg.
The railings and knee guard rails must not be used as a step.
It is forbidden to attach surfaces which catch the wind, such as advertising boards or awnings, to the window scaffolding. The scaffolding must not be exposed to aggressive liquids or gasses.
Hoisting equipment must not be attached to the scaffolding.

7 DISASSEMBLY OF THE WINDOW SCAFFOLDING

The window scaffolding is disassembled in the opposite order to which it is assembled. Start by removing the side toe boards and side toe board holders.
Do not throw the components when disassembling them.

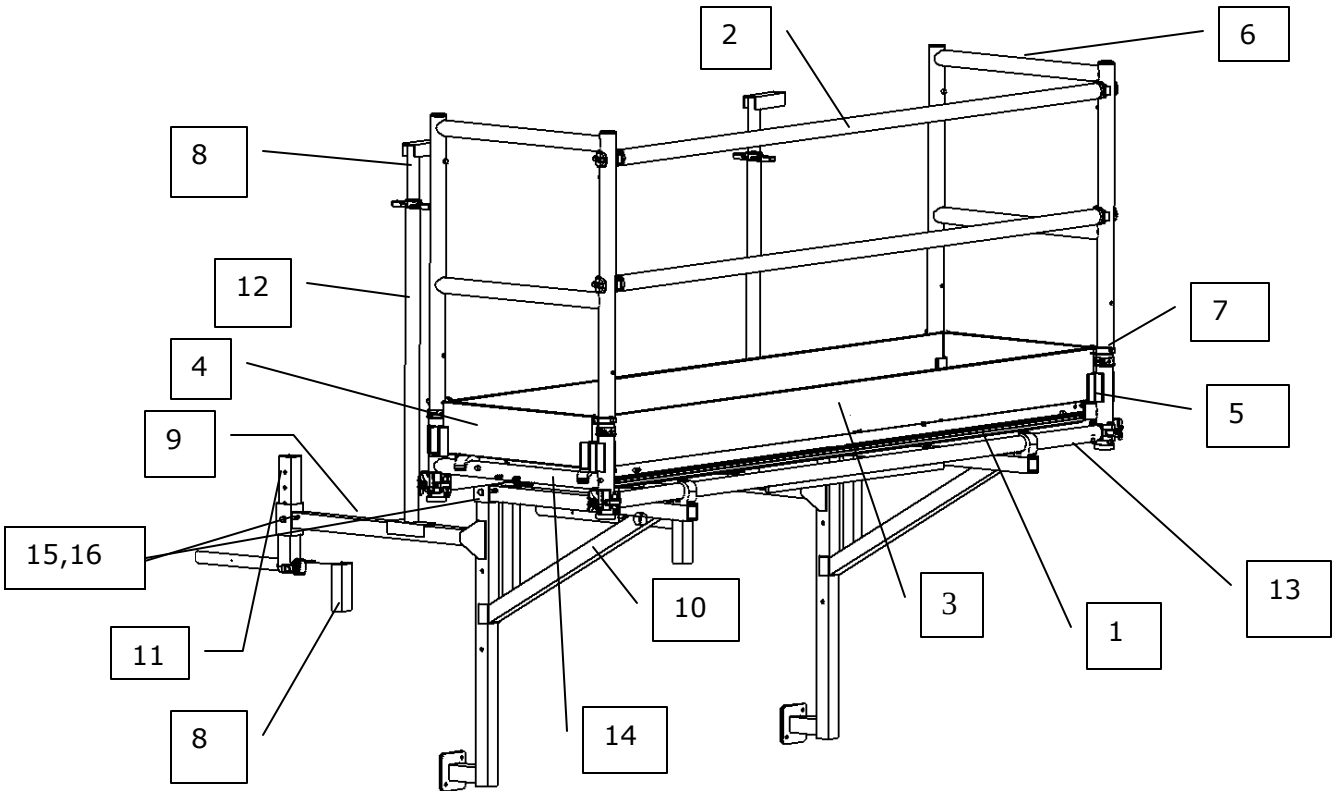
8 MAINTENANCE

All the components, in particular the moving parts and welds, must be regularly checked for wear and damage.
Missing or broken parts must be replaced.
Tubes with dents larger than 3 mm or with cracks must no longer be used.
Platforms where the longitudinal profiles have dents larger than 2 mm or cracks must no longer be used.
Moving parts, including the spindles, must be clean and move correctly.
Repairs to the scaffolding material must always take place after consulting with the manufacturer.

9 COMPONENTS

9.1 Parts list

	Component	Weight (kg)	Weight (kg)	Weight (kg)
		Length: 1.8 m	Length: 2.5 m	Length: 3 m
1	Platform	15	19.5	24
2	Horizontal	2.3	3	3.5
3	Side toe board, long	3.3	4.4	5.8
4	Side toe board, short	1.2	1.2	1.2
5	Side toe board holder	0.2	0.2	0.2
6	Railing frame	3	3	3
7	Securing pin	0.1	0.1	0.1
8	Window scaffolding spindle	3.6	3.6	3.6
9	Window frame	5.2	5.2	5.2
10	Console	5.0	5.0	5.0
11	Inner stand	0.9	0.9	0.9
12	Ceiling support short/middle/long	1.3	1.3	1.3
13	Carrying frame	6.1	7.6	8.8
14	Front frame	1.7	1.7	1.7
15	Hexagon screw	-	-	-
16	Wing nut	-	-	-



9.2 Assembly table

The following table shows which components are necessary for scaffolding of a certain length. Therefore, ensure that these components are present before starting to assemble the scaffolding.

		Length: 1.8 m	**Length: 2.5 m**	**Length: 3 m**
Description	**Quantity**	**Article number**	**Article number**	**Article number**
Platform	1	310.010	310.020	310.030
Horizontal section	2	200.058	200.030	200.040
Side toe board, long	2	200.086	200.080	902.080
Side toe board, short	2	200.092	200.092	200.092
Side toe board holder	4	800.087	800.087	800.087
Railing frame	2	200.122	200.122	200.122
Locking pin	4	410.162	410.162	410.162
Window scaffolding spindle	4	916.070	916.070	916.070
Window frame	2	916.010	916.010	916.010
Console	2	916.020	916.020	916.020
Inner stand	2	916.080	916.080	916.080
Ceiling support, short **or**	2	916.060	916.060	916.060
Ceiling support, middle **or**		916.062	916.062	916.062
Ceiling support, long	2	916.064	916.064	916.064
Ceiling-support;1770-2150mm	2	916.066	916.066	916.066
Ceiling-support;2120-2500mm	2	916.068	916.068	916.068
Carrying frame	2	916.058	916.030	916.040
Front frame	2	916.059	916.031	916.041
Hexagon screw	ref	2.054.010.075	2.054.010.075	2.054.010.075
Wing nut	ref	2.102.010.000	2.102.010.000	2.102.010.000

length spindle with support + ceiling support short: minimum 720mm, maximum 1100mm
length spindle with support + ceiling support middle: minimum 1070mm, maximum 1450mm
length spindle with support + ceiling support long: minimum 1420mm, maximum 1800mm
length spindle with support + ceiling support: minimum 1770mm, maximum 2150mm
length spindle with support + ceiling support: minimum 2120mm, maximum 2500mm