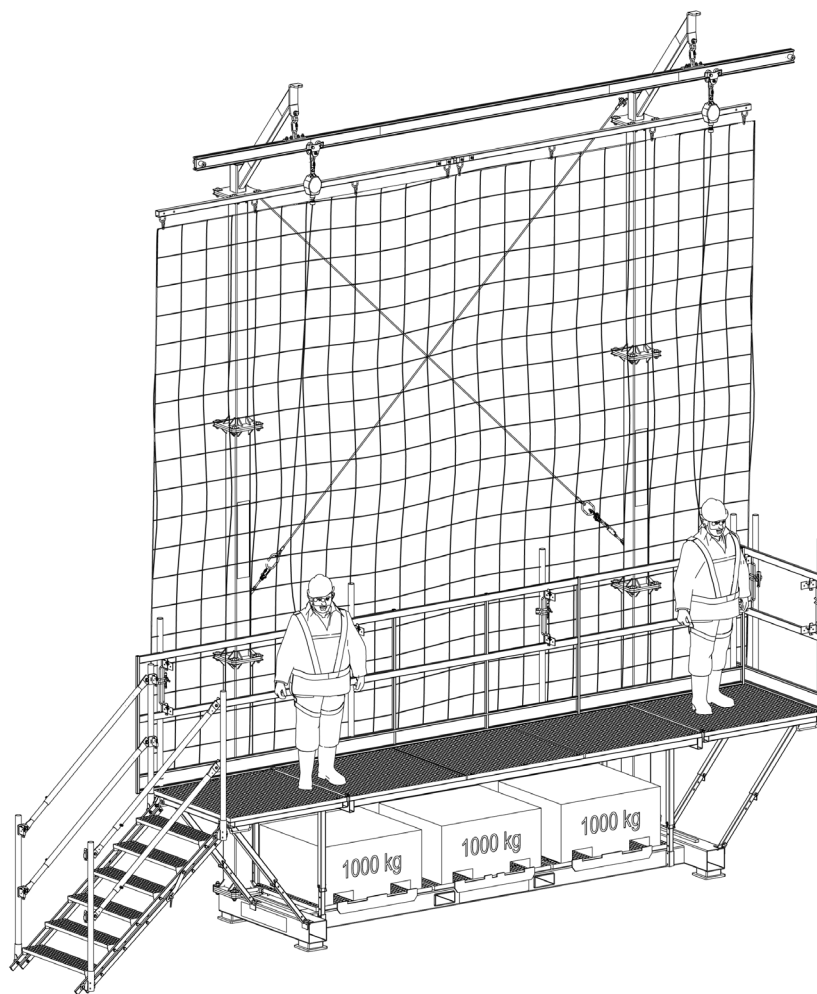


MANUAL TRAILERSAFE



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GENERAL INFORMATION

TrailerSafe from SafetyRespect is a product intended for use in e.g. unloading of goods from a truck, or other situations where there is a need for a working platform and/or where there are no other anchor points for personal fall protection. If necessary, several units can be assembled together and create a system with a longer total length.

TrailerSafe has been type-examined by RISE according to AFS 2013:4 Scaffolding, and is designed for load class 2 according to EN 12811-1. Construction, use,

disassembly and maintenance of the product must be performed in accordance with AFS 2013:4.

The fall protection rail and sled are provided by Fallprotec S.A and are certified by the test institute Apave as an anchor device in accordance with EN 795:2012 and CEN/TS 16415:2013. TrailerSafe is dimensioned and tested to withstand the loads that the rails and sleds can generate. Thus, neither rail, sled nor masts are covered by the type-examination certificate issued by RISE.

SAFETY

Make a documented risk assessment and action plan to eliminate the risks of injury at the workplace in question. A rescue plan should also be prepared for the work in question. Before use, an installation card must be filled out and attached to the platform. The installation documentation must also be filled out.

When the product is used as an attachment for personal fall protection equipment, a fall protection block according to EN 360 and a full-body harness according to EN 361 must always be used. A maximum of 2 people are allowed to be connected to the fall protection rail at the same time.

In order to address risks when working with TrailerSafe, the following points must be considered (among other things):

- Check the current scaffolding class and follow the load regulations.
- Be cautious in wet weather.

- Remove snow and ice from the working platform.
- Do not work in the system if the wind speed exceeds 12 m/s.
- Read and follow the enclosed manuals for the personal fall protection equipment.
- Use only designated anchor points for the personal fall protection equipment.
- Ensure that the product stands completely flat on a hard-packed surface that can withstand the loads that the product generates.
- It is forbidden to attach wind-catching objects, such as advertising signs and the like, to TrailerSafe.
- In the event of a fall or other external impact, the product must immediately be taken out of use and checked by SafetyRespect, or a person approved by SafetyRespect.

It is not permitted to use TrailerSafe in a way other than as described in this manual, or with foreign components not described in this manual.

The following risks and measures are always present when using the product.



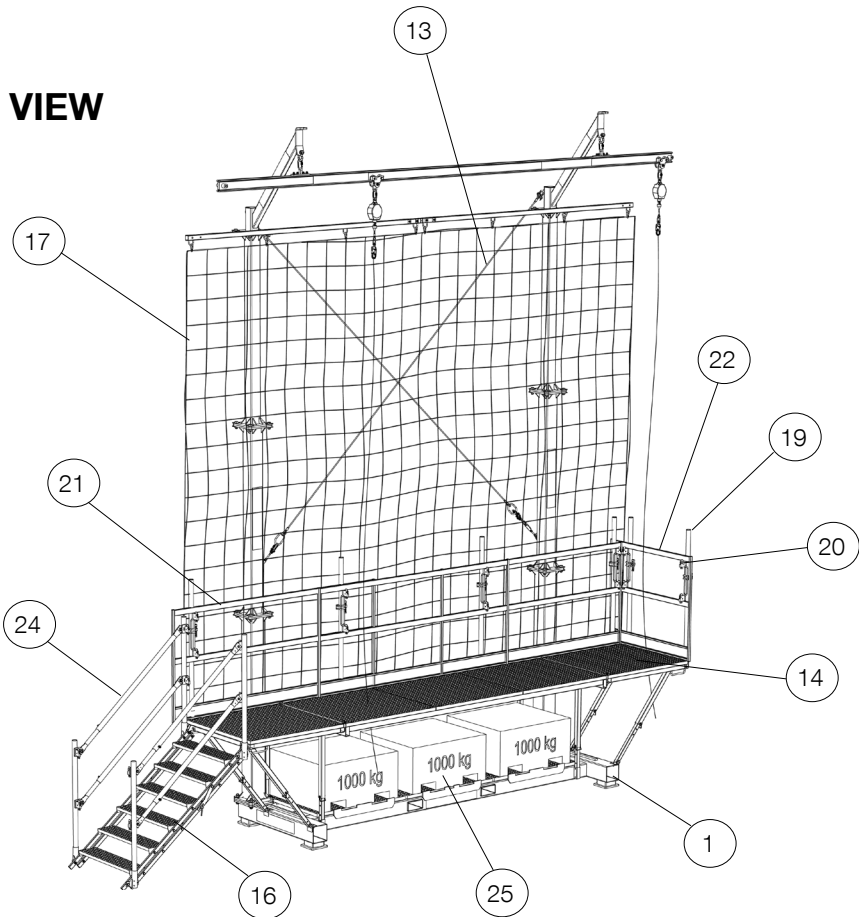
CHECK MATERIAL

Check all parts for mounting. When in doubt, contact SafetyRespect and replace or discard damaged material.

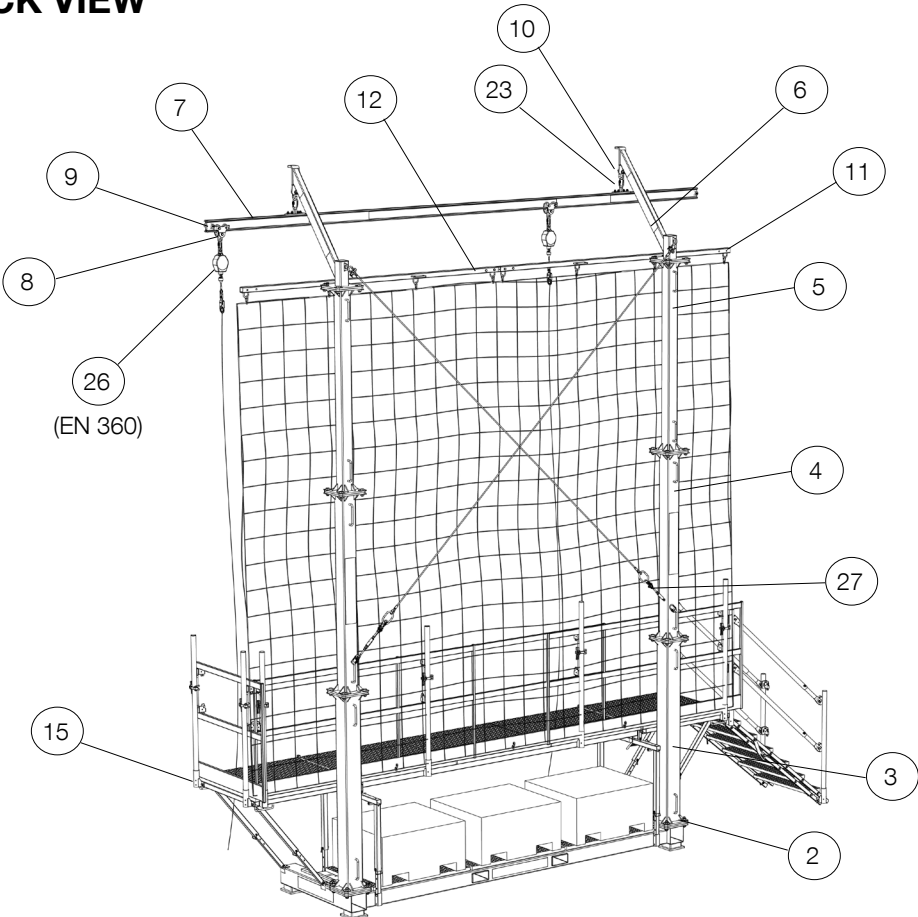


COMPONENTS

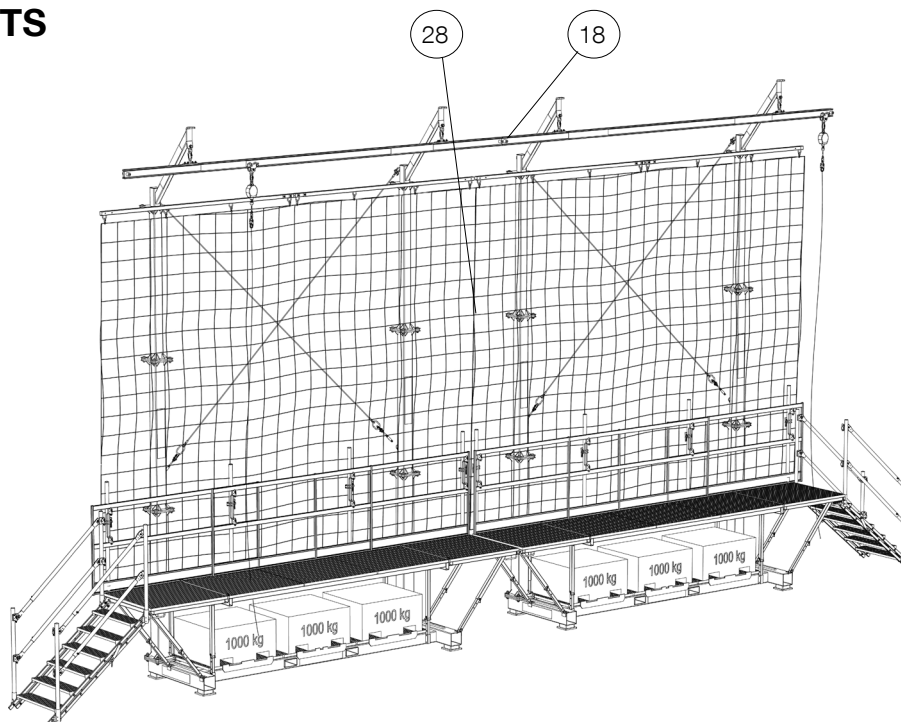
FRONT VIEW



BACK VIEW



DOUBLE UNITS



ADDITIONAL EQUIPMENT

TRAILERSAFE

NO	PART	DESCRIPTION	WEIGHT	QTY
1	700210	Bottom platform	500 kg	1
2	700215	Mounting plate assy.	16 kg	2
3	700221	Mast section 1	88 kg	2
4	700222	Mast section 2	76 kg	2
5	700223	Mast section 3	65 kg	2
6	700224	Mast section 4	40 kg	2
7	700231	Fallprotec rail, 6 m	31 kg	1
8	700233	Fallprotec trolley	2,5 kg	2
9	700234	Fixed end stop	0,5 kg	2
10	700235	Rail attachment	1,5 kg	2
11	700240	Horisontal support	15 kg	2
12	700241	Joint	2,5 kg	1
13	700245	Wire rope lifting sling	5 kg	2
14	700250	Adjustable platform	300 kg	1
15	700255	Bolted post holder	1 kg	4
16	700260	Adjustable stair	47 kg	1
17	700265	Soft net, 6x6	10 kg	1

NO	PART	DESCRIPTION	WEIGHT
18	700280	Rail joint assy.	3 kg
19	911110	Post 1,3	3,6 kg
	911116	Post 1,5 Alu	3,2 kg
20	919021	Frame barrier holder	2,1 kg
21	913111	Barrier 2,6	19,7 kg
	913141	Frame barrier 2,6 Alu	10,3 kg
	913320	Adjustable link bar 1,5–2,5	6,2 kg
22	913121	Barrier 1,3	10,8 kg
	913151	Frame barrier 1,3 Alu	5,7 kg
	913321	Adjustable link bar 0,78–1,5	3 kg
23	965021	Carabiner triplock steel	0,1 kg
24	913320	Adjustable link bar 1,5–2,5	6,2 kg
25	700270	Ballast concrete 1 t	1000 kg
26	963069	Block IKAR HAS 9	5 kg
	963063	Block IKAR HWS 12	5,4 kg
27	700246	Turnbuckle M12	2,5 kg
28	940500	Coupling line	-

Technical drawing of a testing machine, showing three views: front view, side view, and a detail view of the base.

Front View Dimensions:

- Overall width: 6000 mm
- Overall height: 7300 mm
- Base width (excluding side extensions): 4000 mm
- Base height (excluding side extensions): 1100 - 1500 mm
- Weight of each base unit: 1000 kg
- Side extension width: 1185 - 1645 mm

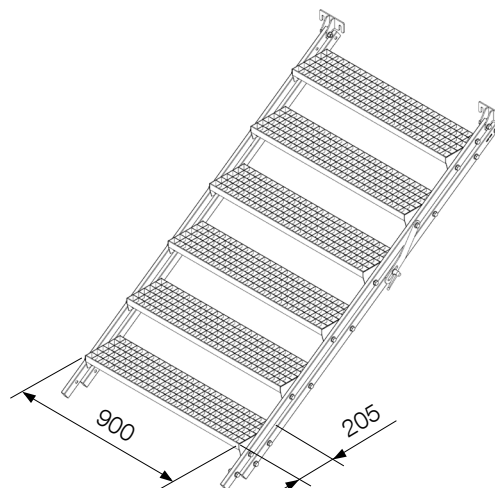
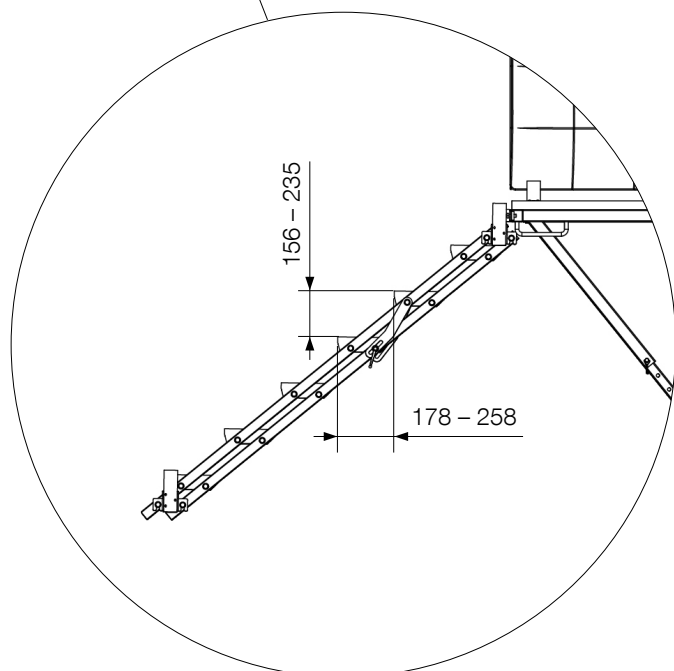
Side View Dimensions:

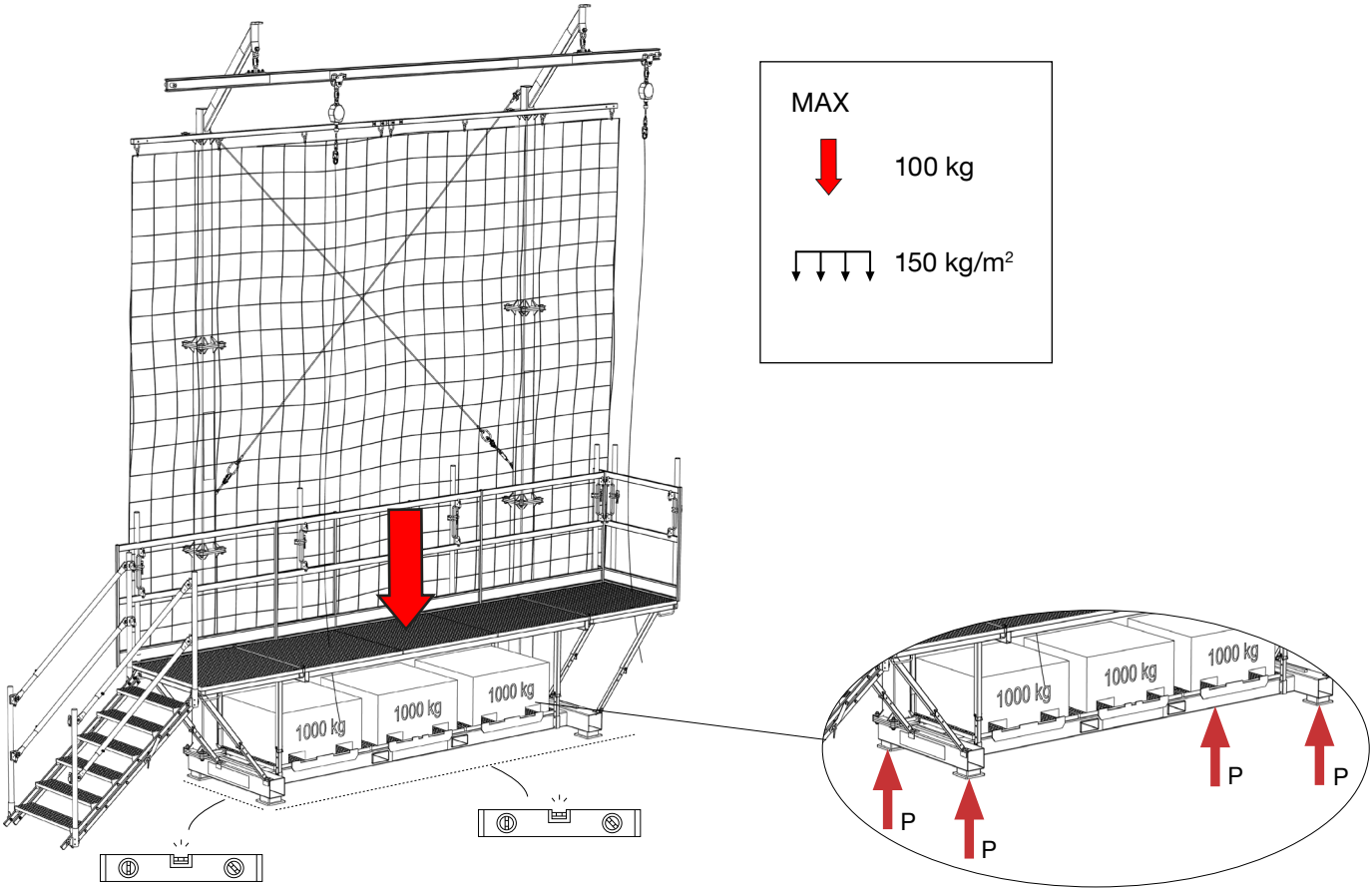
- Overall width: 950 mm
- Base width: 1300 mm
- Base height: 1420 mm
- Height of the main frame: 1100 mm

Detail View Dimensions:

- Width of the base unit: 1100 mm

[mm]

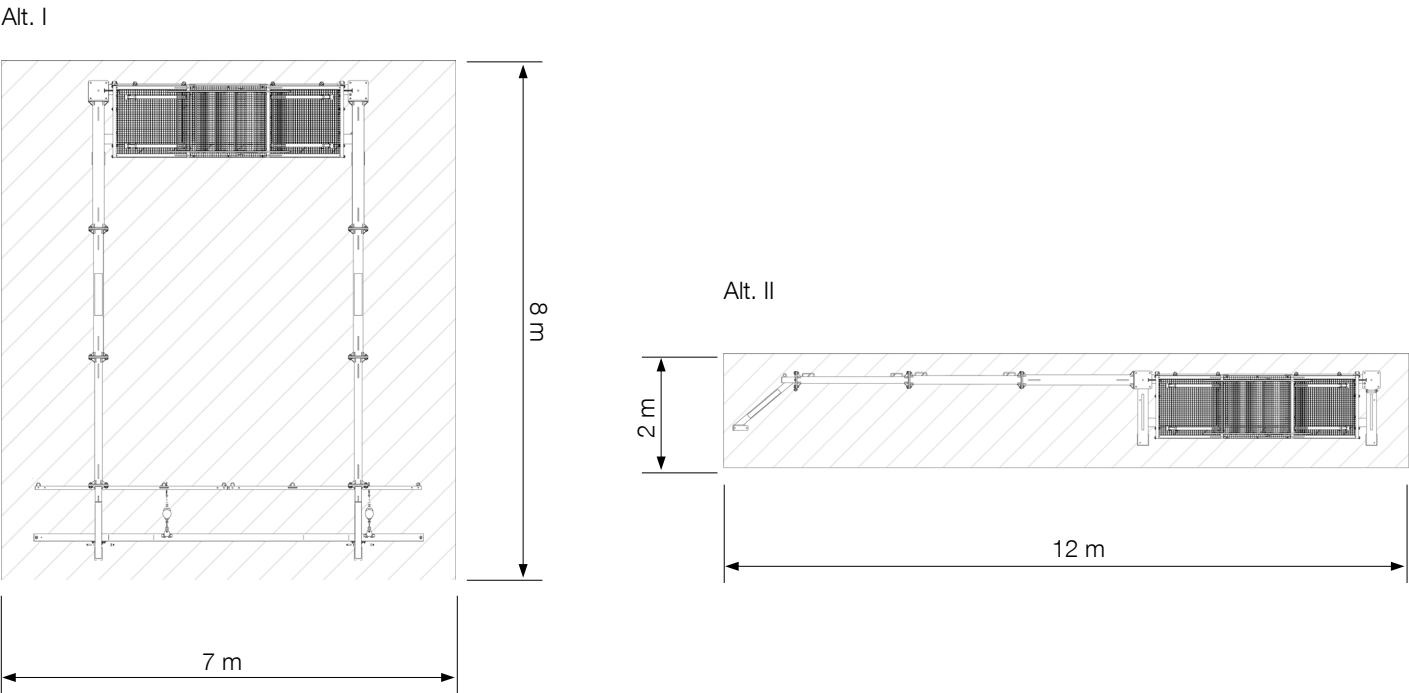




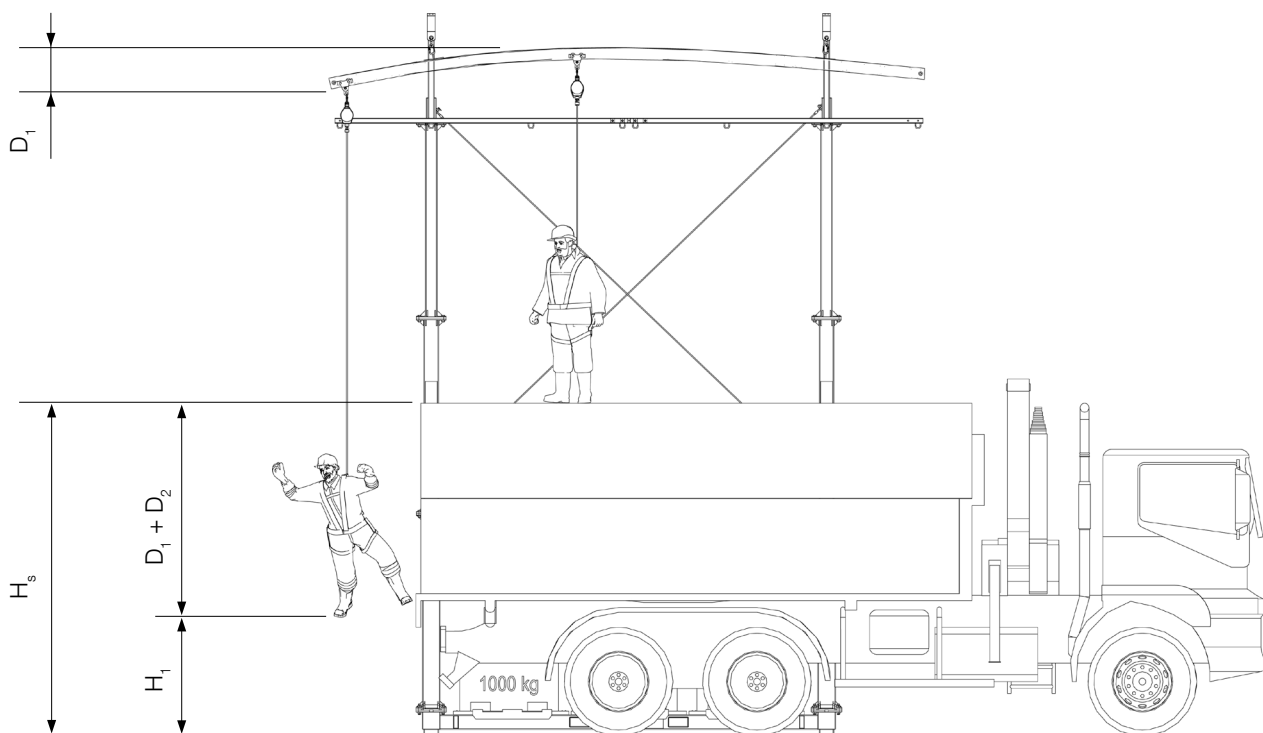
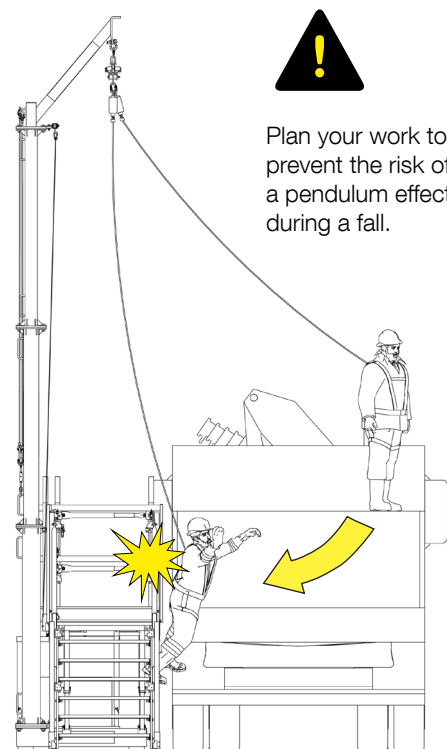
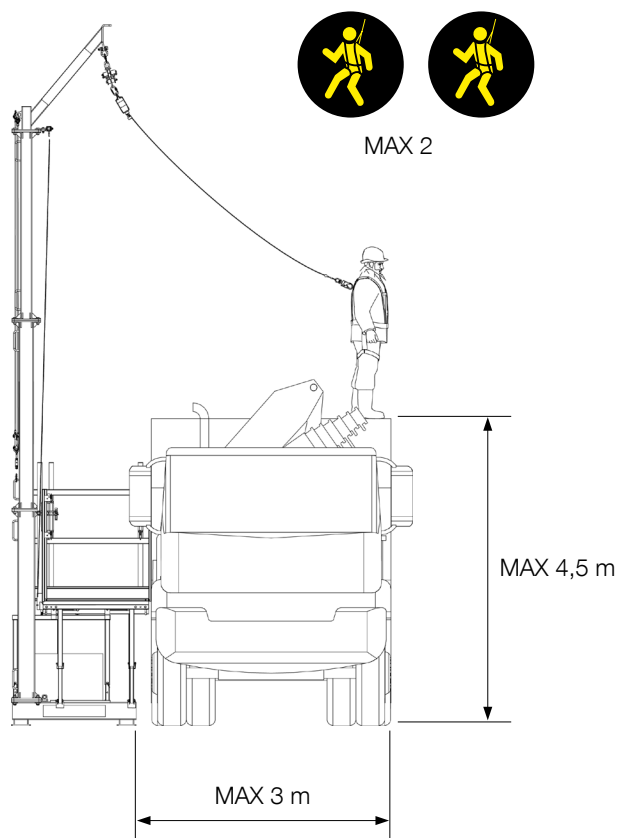
DISTRIBUTED LOADS		
P	Load per foot*	41 kN

* The foot dimension is 200 × 200 mm.

MOUNTING ZONE



LIMITATIONS OF USE



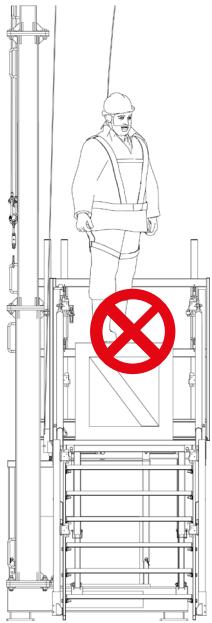
$$H_s > D_1 + D_2 + H_1$$

H_s = Total height available between the work platform and the first obstacle

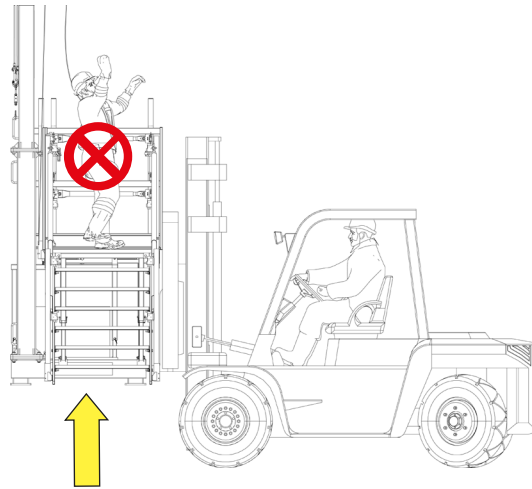
D_1 = Deflection of the rigid anchor line, [200 mm]

D_2 = Deployment of the energy absorption system, (read the manual for the product used)

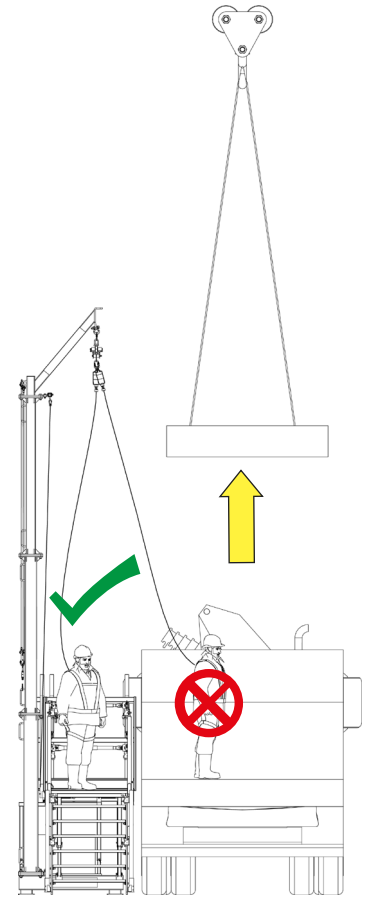
H_1 = Safety distance, [1 m]



It is forbidden to use foreign materials to increase the working height of the platform.



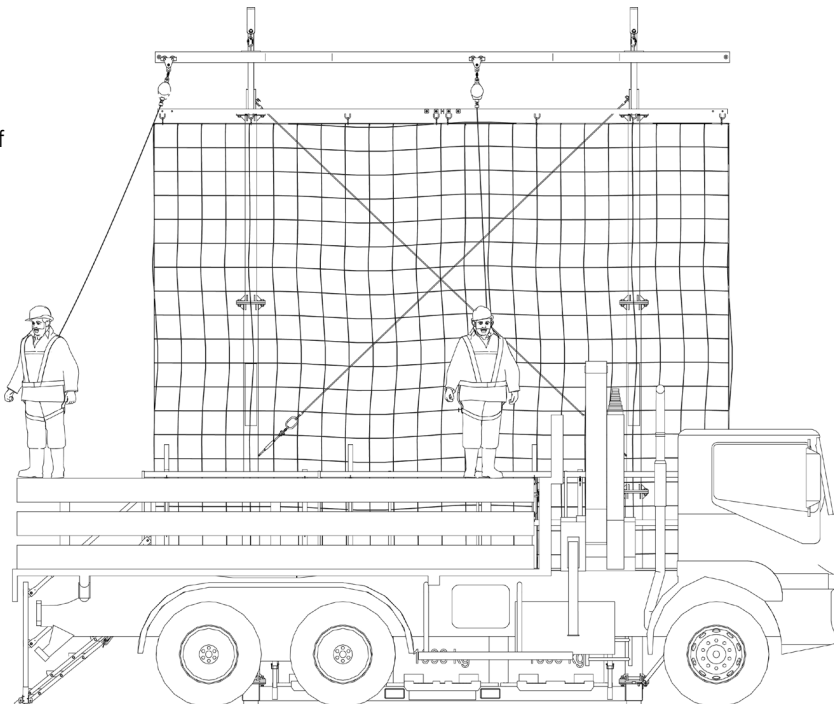
It is not permitted to lift the product during work, nor to hang it up.



It is forbidden to stand under hanging elements.



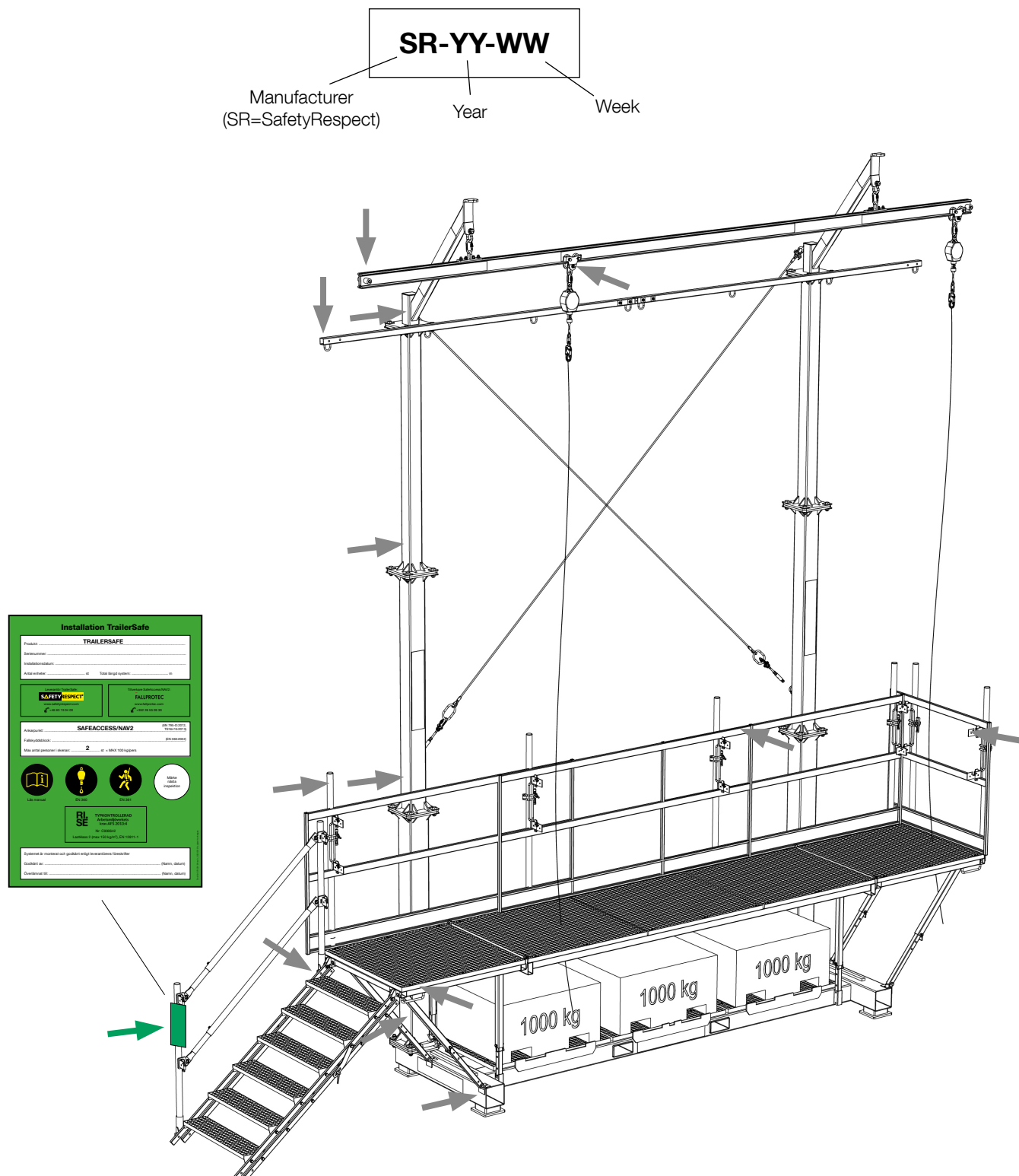
It is only permitted to work in the fall protection system within the length of the rail.



MARKING

The components are marked with batch numbers, according to the figure below. The gray arrows show the placement of the marking for each component.

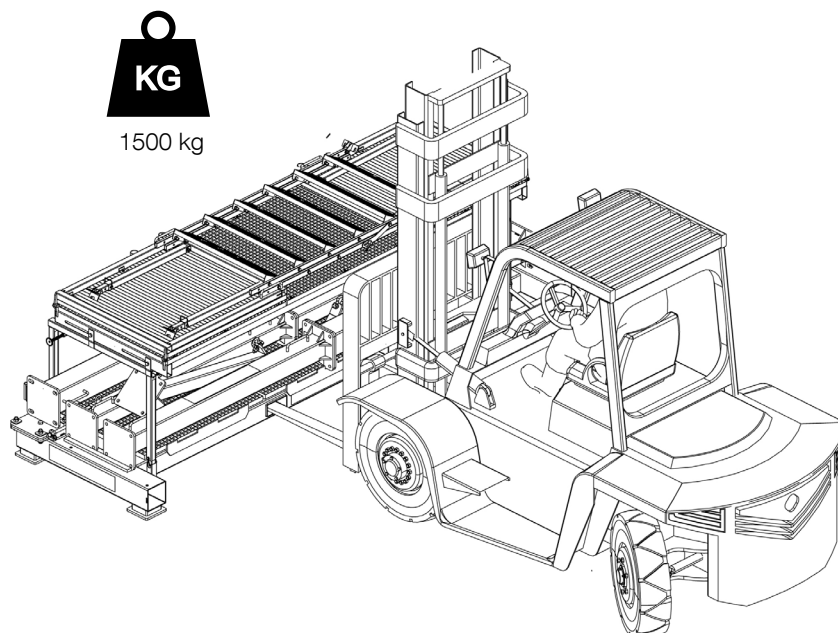
A sign (the green arrow) containing a unique serial number, the RISE marking, the type-examination certificate number, the manufacturer's name and a certificate that the unit has been mounted in accordance with current rules and regulations is also placed on the fully assembled unit.



MOUNTING

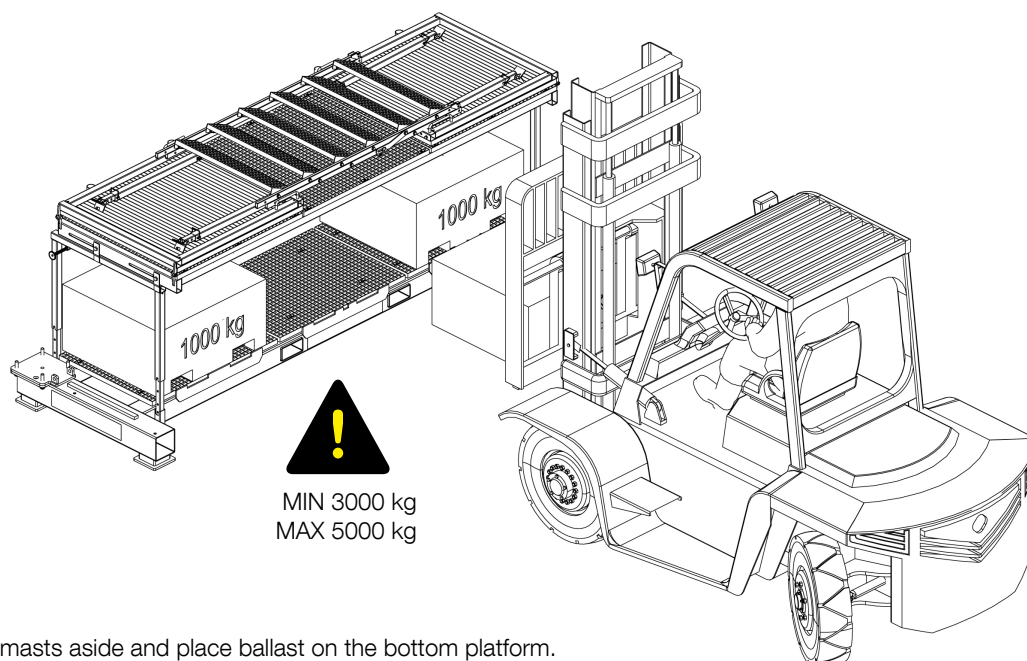
Mounting of the product may only be carried out by persons with relevant training.

1.



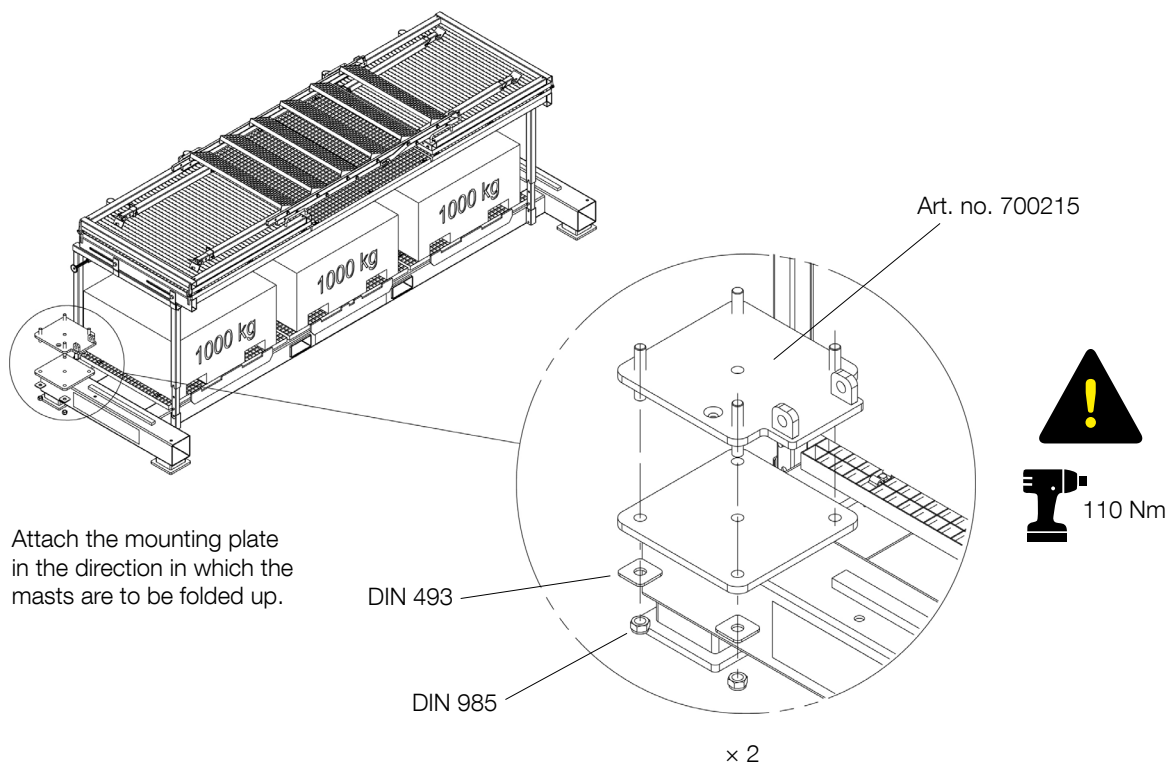
Place the unit on the intended surface. The surface must be flat and hardened.

2.



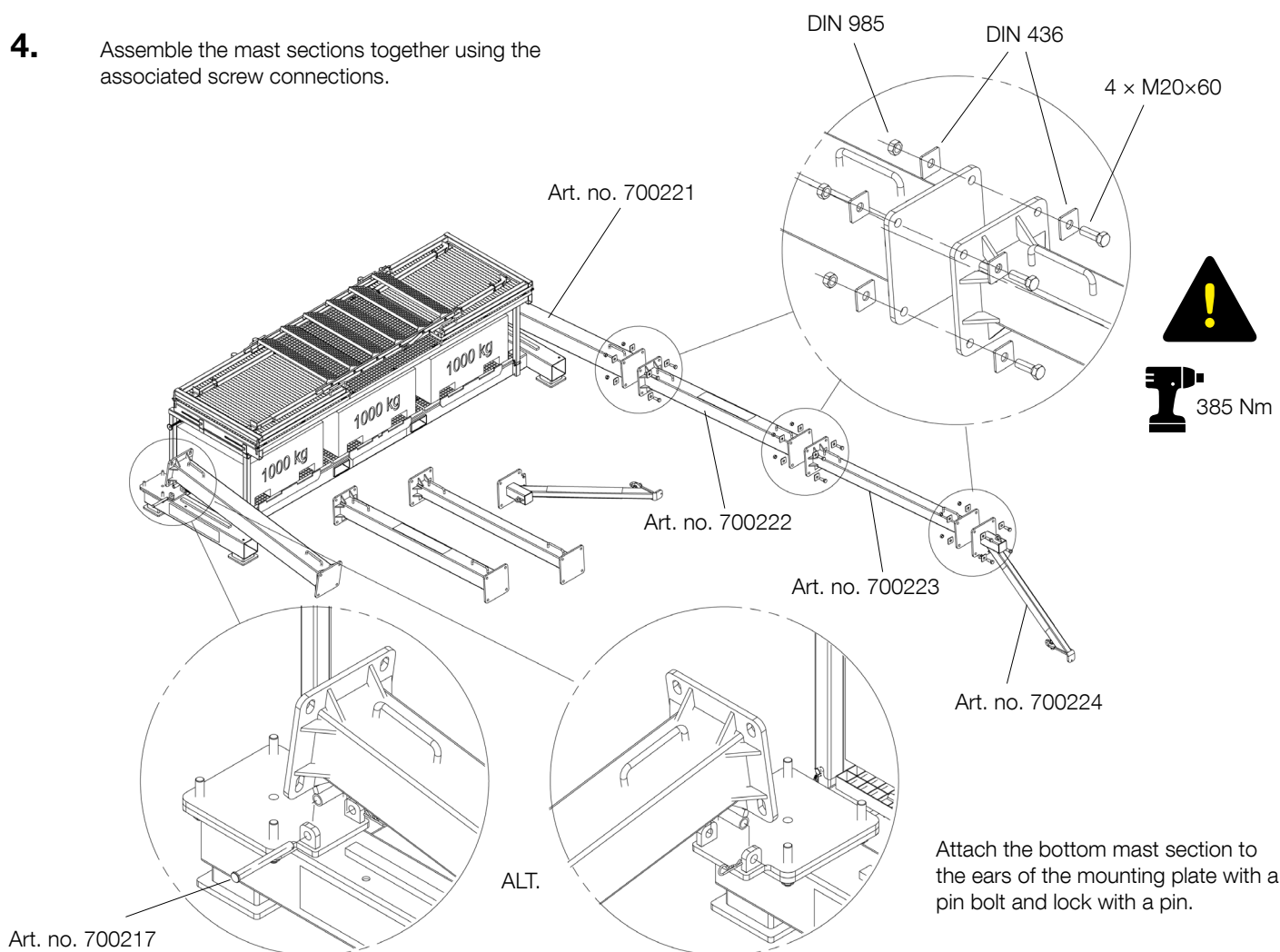
Lift the masts aside and place ballast on the bottom platform.

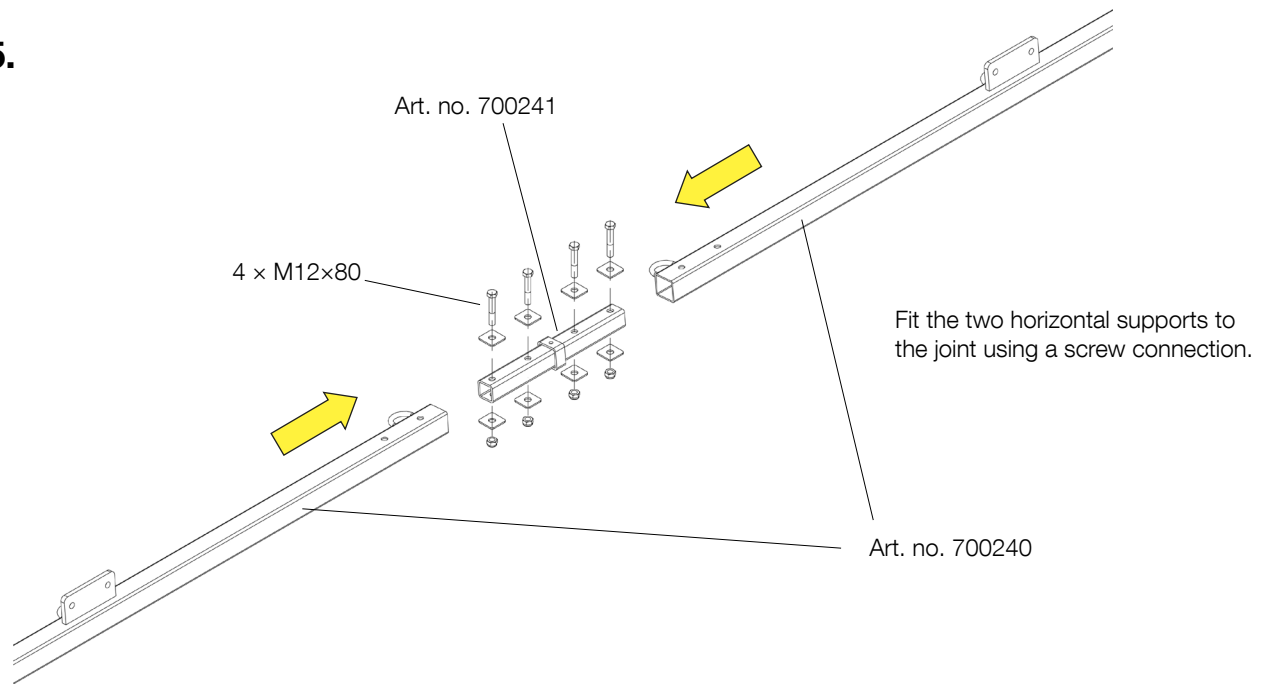
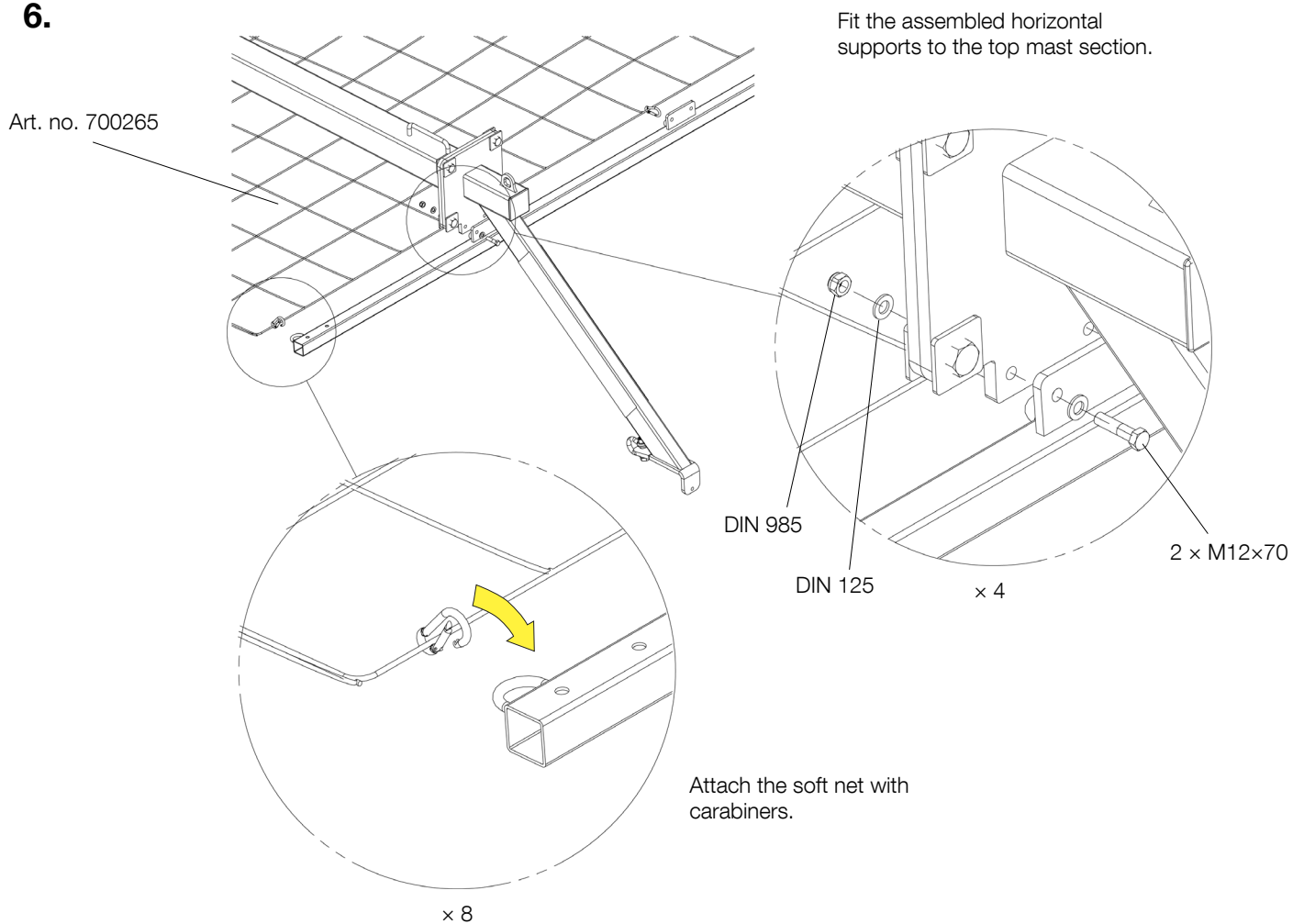
3.



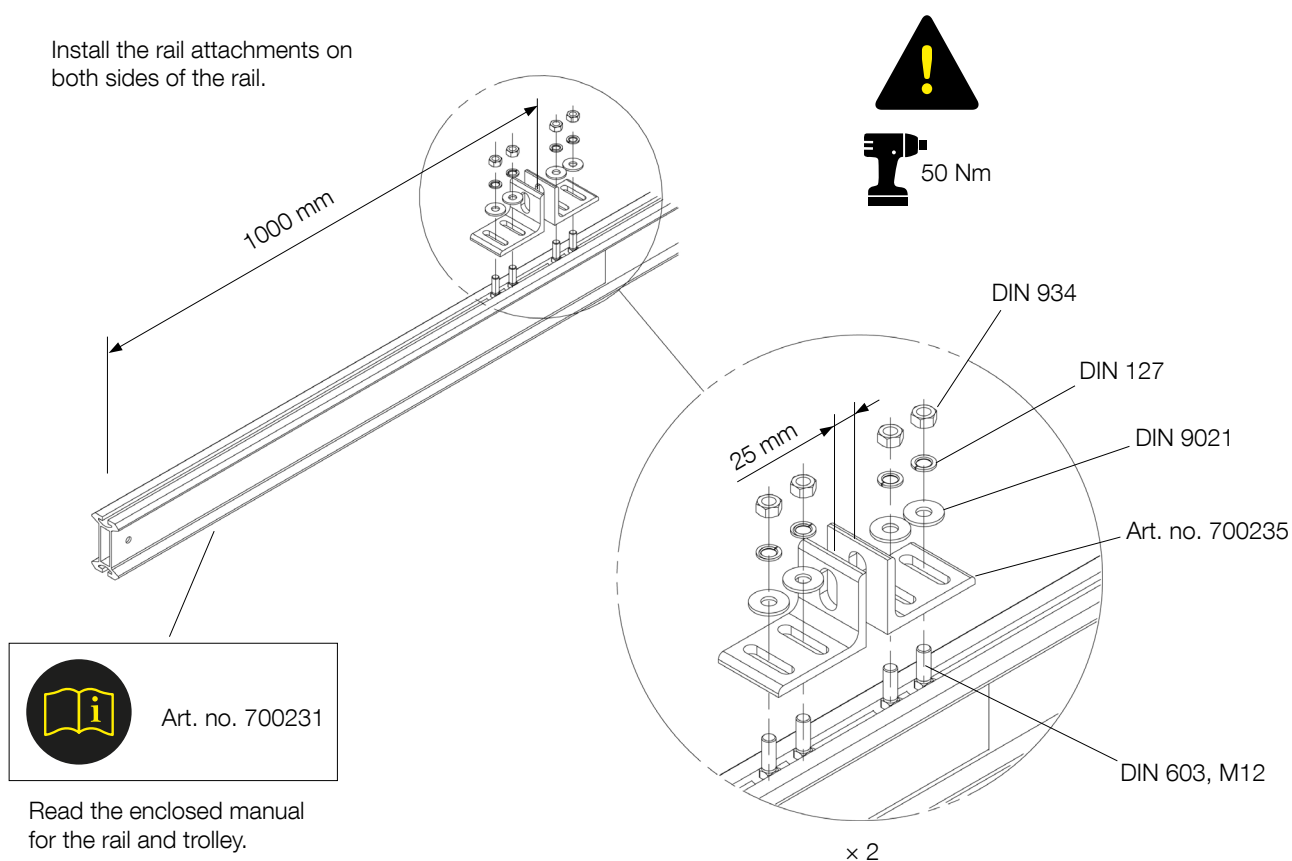
4.

Assemble the mast sections together using the associated screw connections.

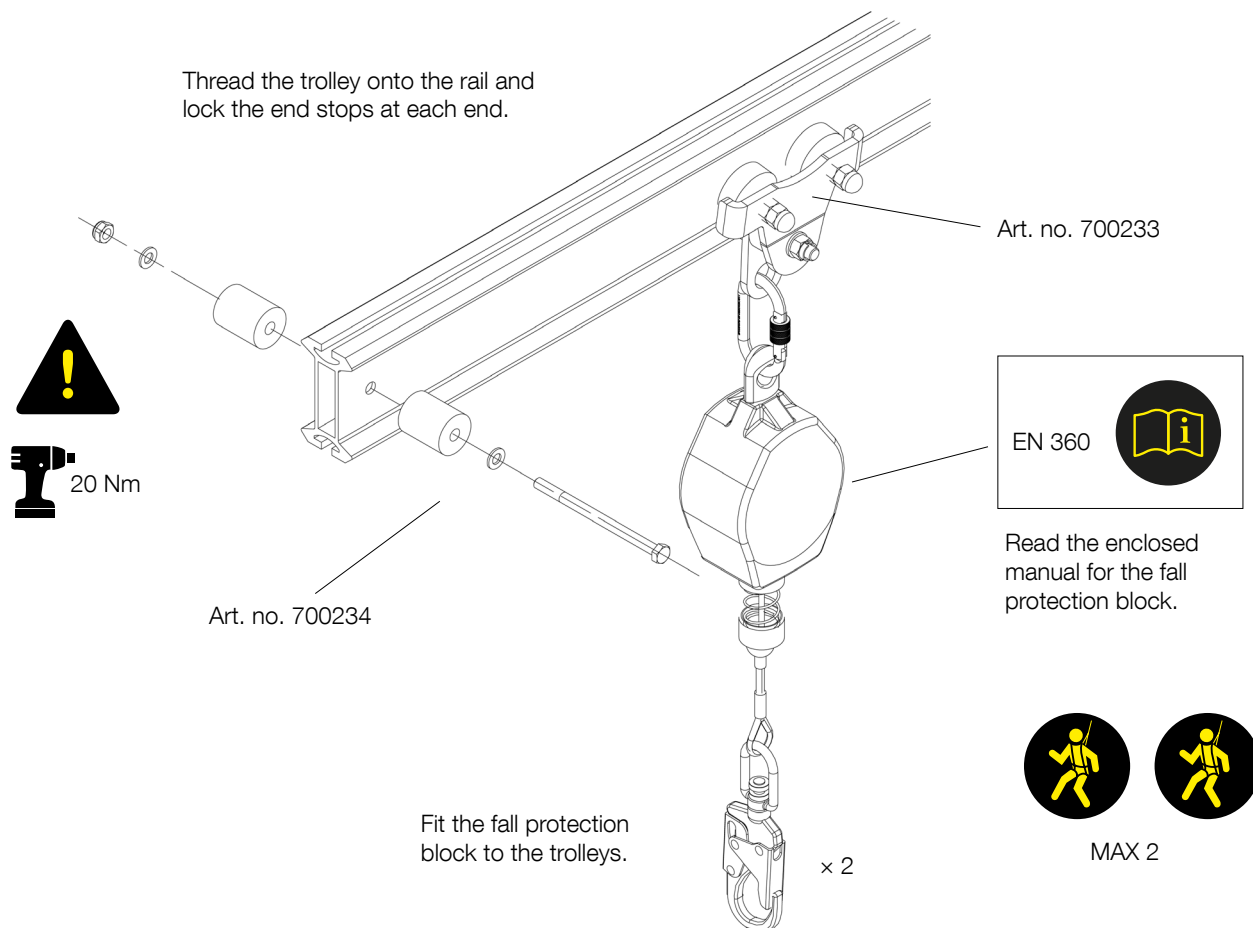


5.**6.**

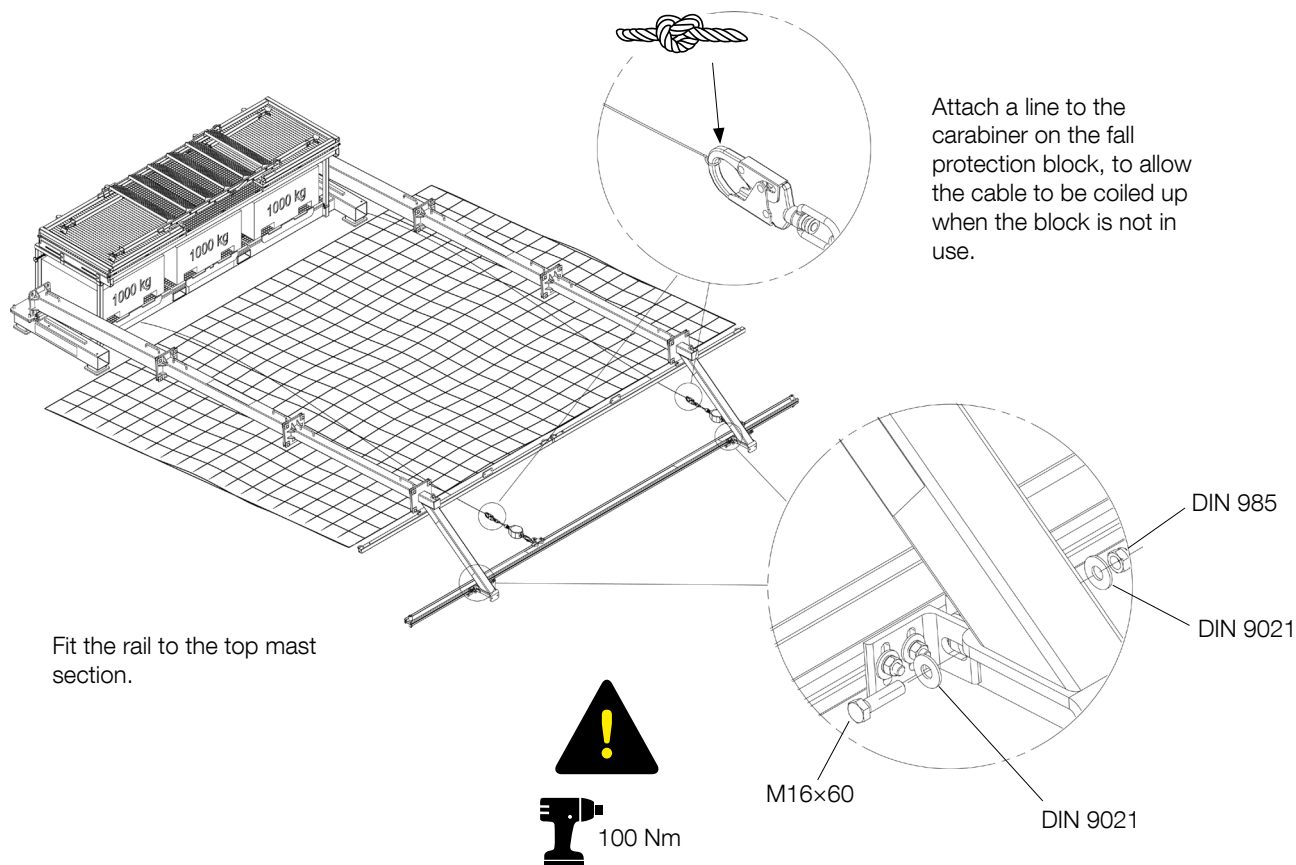
7. Install the rail attachments on both sides of the rail.



8. Thread the trolley onto the rail and lock the end stops at each end.

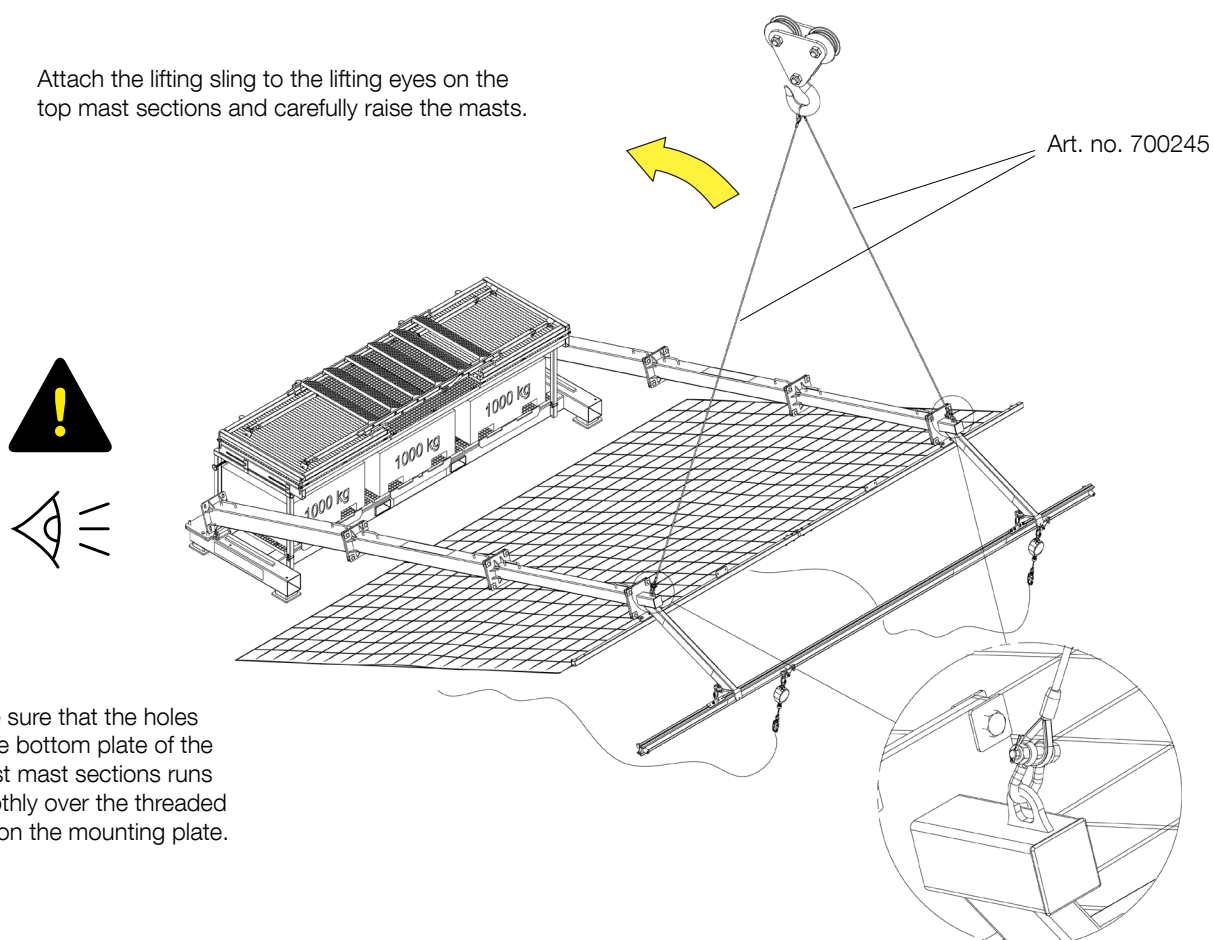


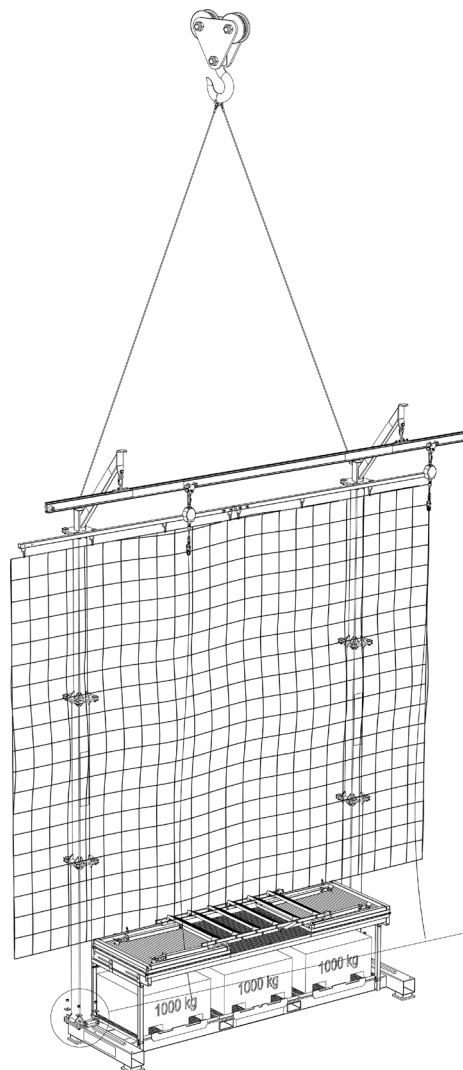
9.



10.

Attach the lifting sling to the lifting eyes on the top mast sections and carefully raise the masts.



11.

Fit the base plate with washers and nuts to the pre-assembled threaded rods. Keep the lifting sling taut until all nuts are tightened.

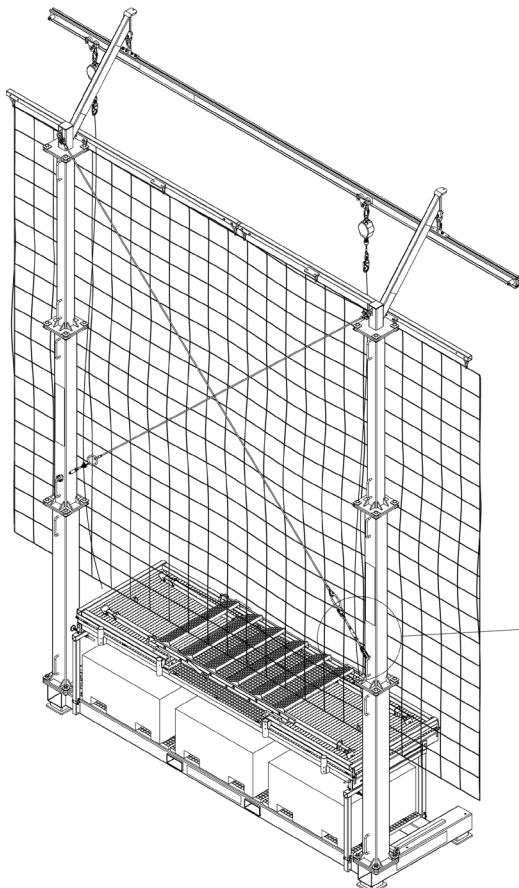


385 Nm

DIN 985

DIN 493

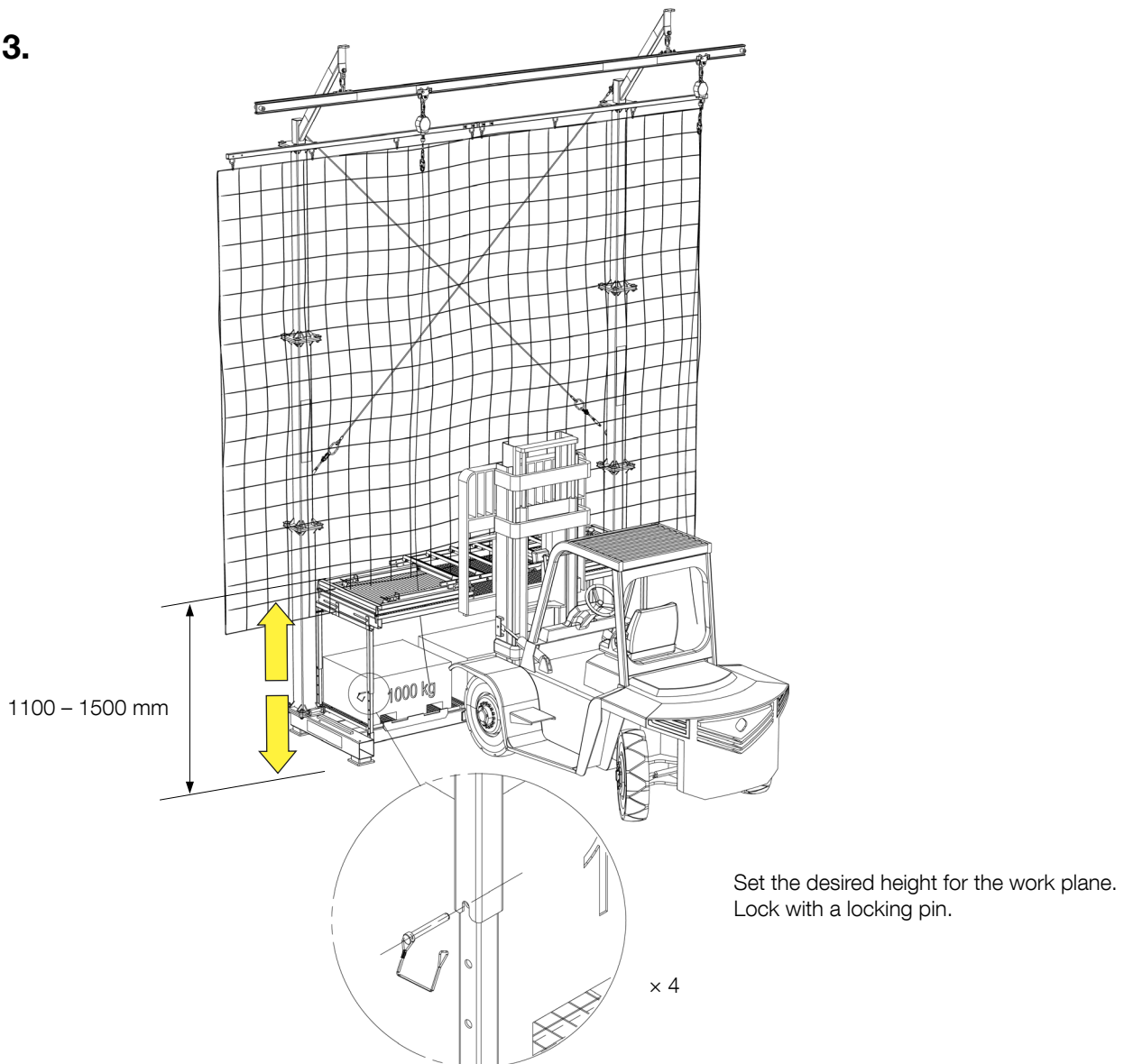
× 2

12.

Release the lifting slings and use them as a cross brace. Tighten the slings with a turnbuckle.

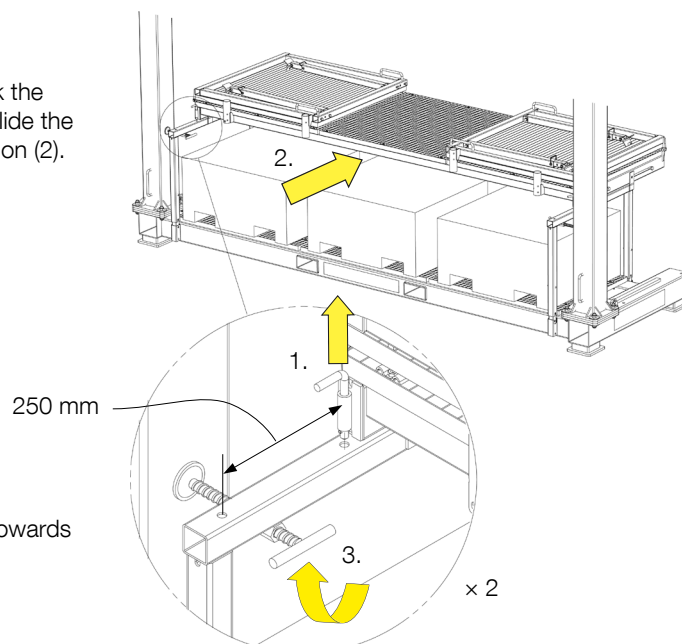
Art. no. 700246

× 2

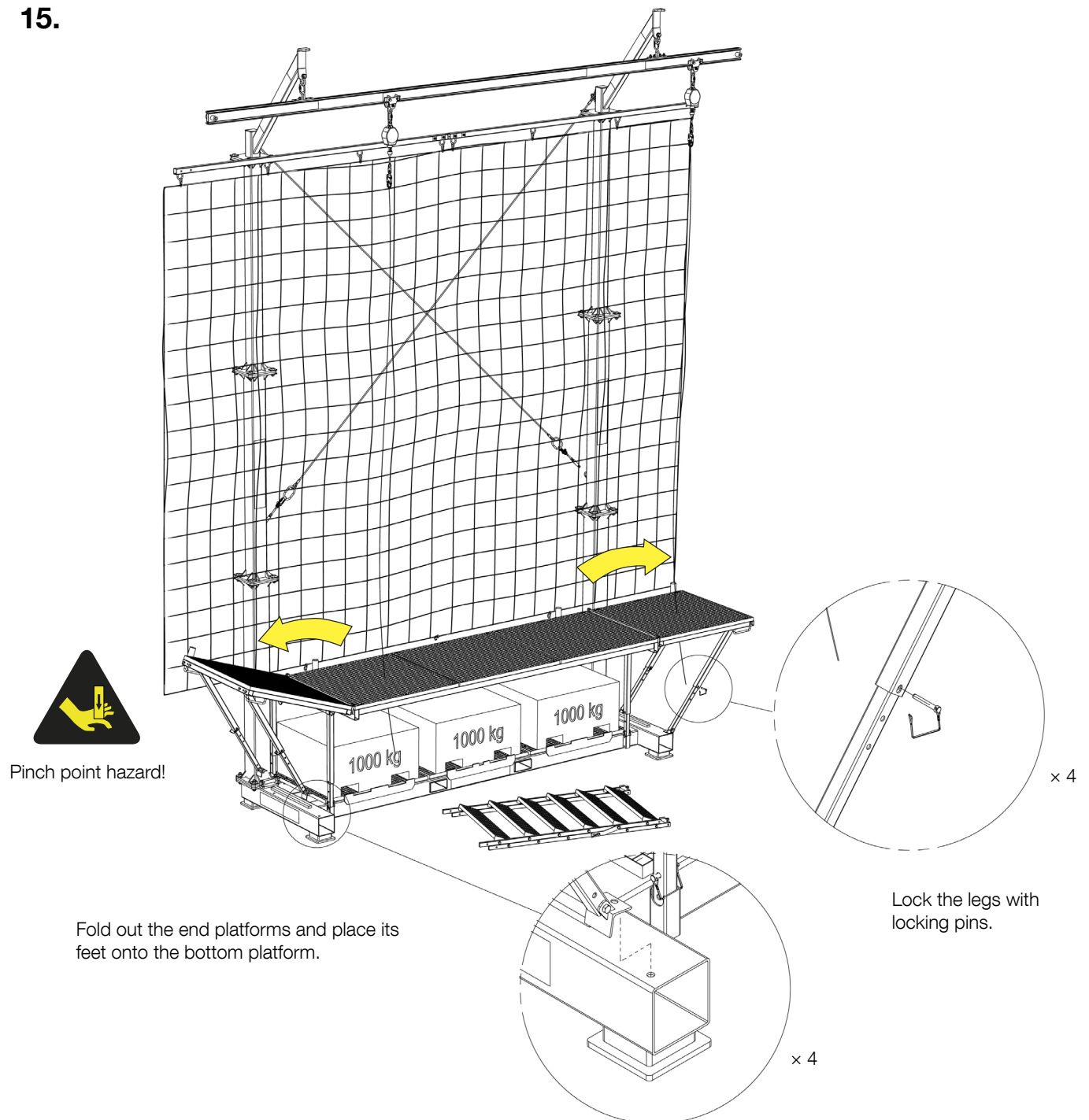
13.**14.**

Loosen the handles that lock the adjustable platform (1) and slide the platform to the desired position (2).

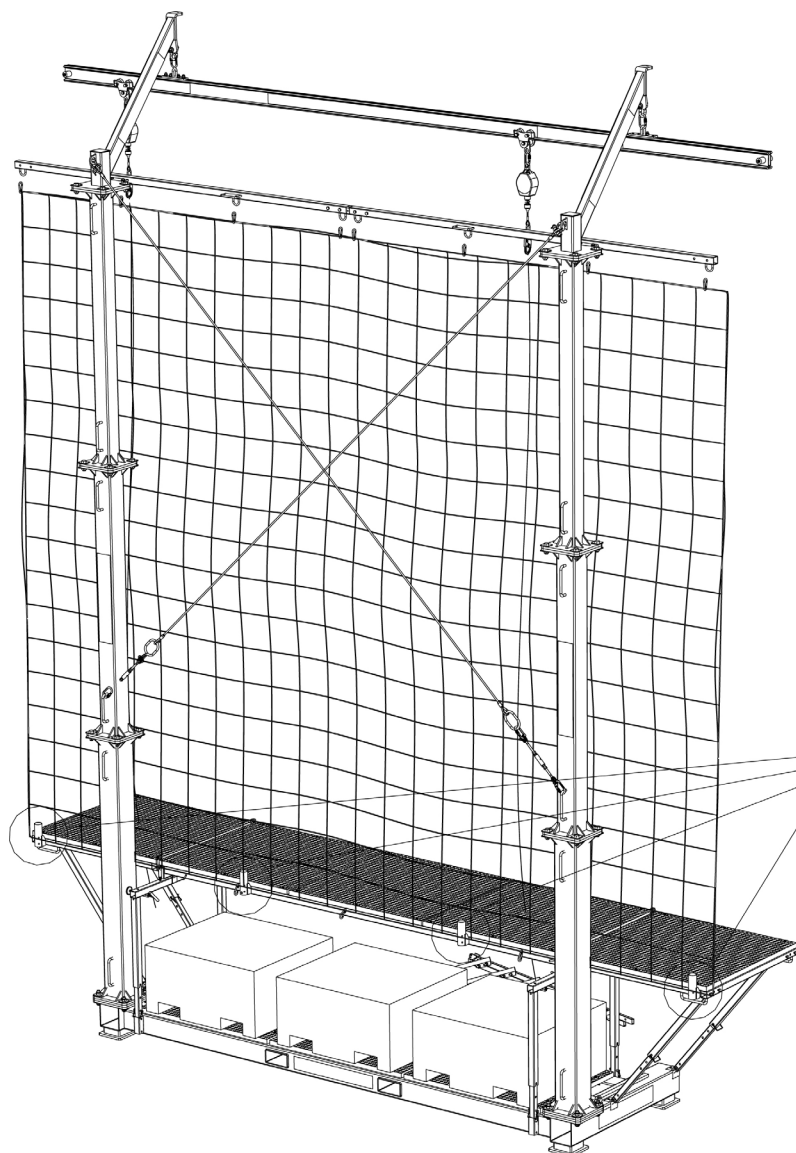
Tighten the handles towards the masts (3).



15.



16.



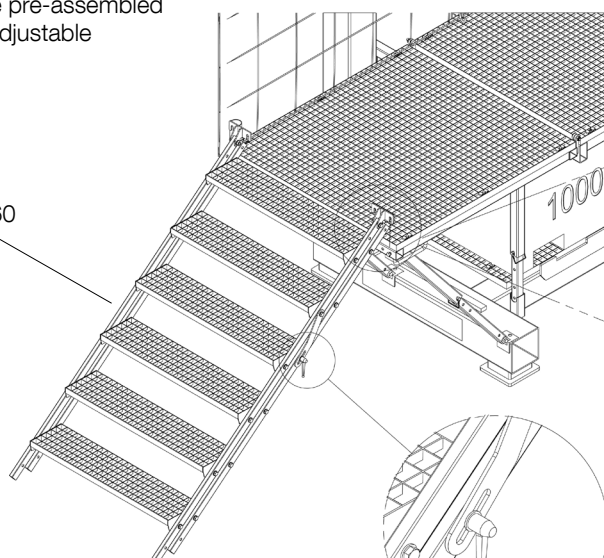
Attach the lower end of the soft net to the post holders on the adjustable platform.

17.

Hang the Adjustable stair or attach the Bolted post holder onto the pre-assembled screws at the ends of the adjustable platform.

Art. no. 700260

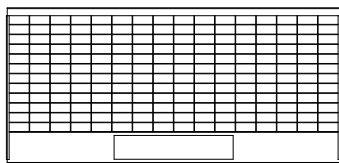
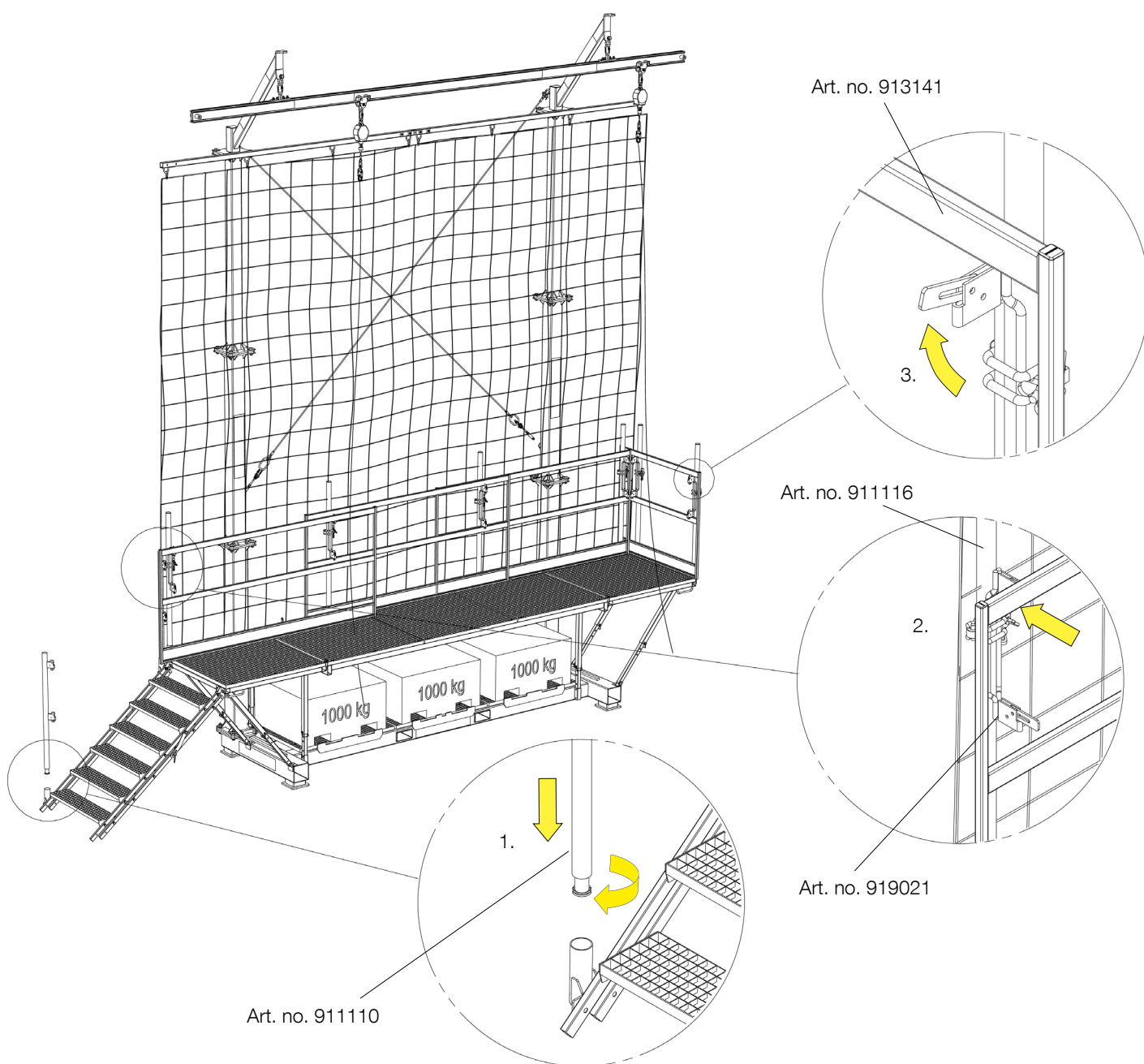
Art. no. 700255



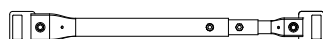
The angle of the stairs is locked with the handles.

× 2

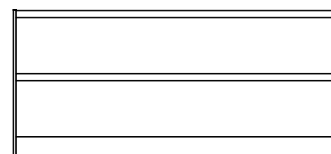
- 18.** Mount posts in the post holders (1) and then attach barriers, adjustable link bars or frame barriers (2-3).



Art. no. 913111 / 913121



Art. no. 913320 / 913321

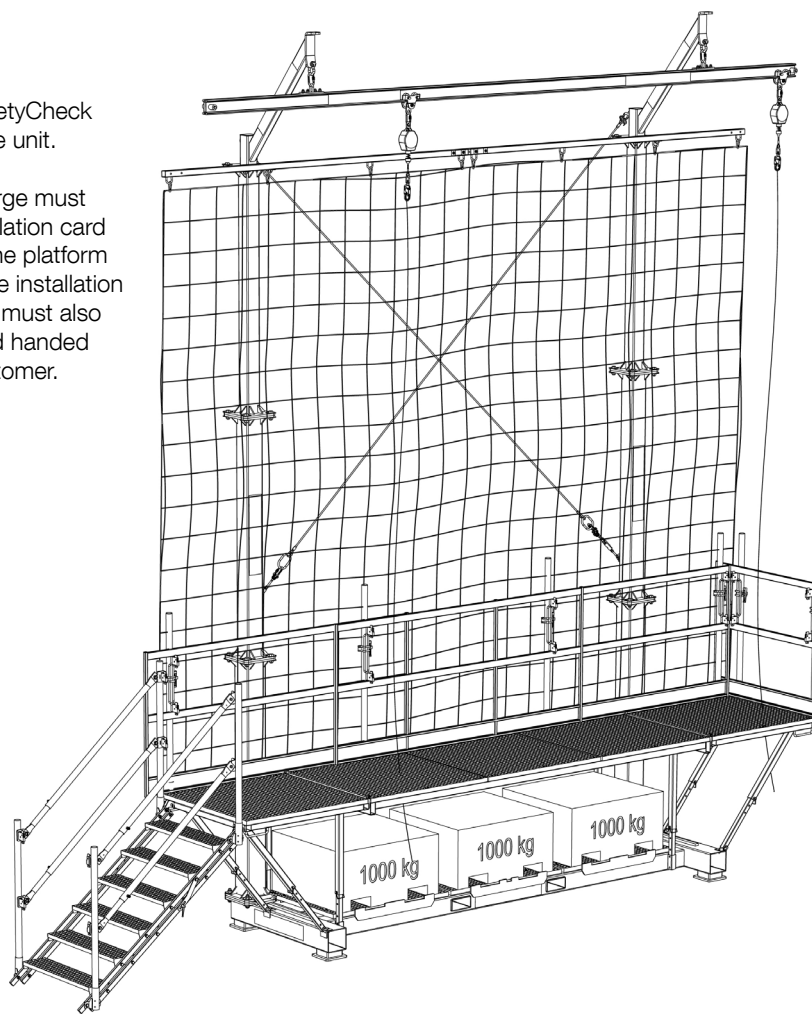


Art. no. 913141 / 913151

19.

Carry out a SafetyCheck before using the unit.

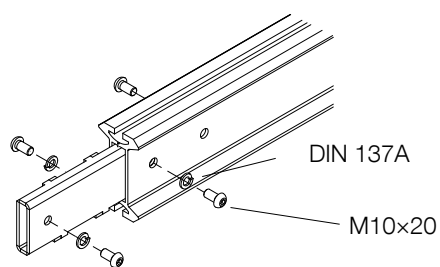
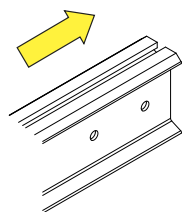
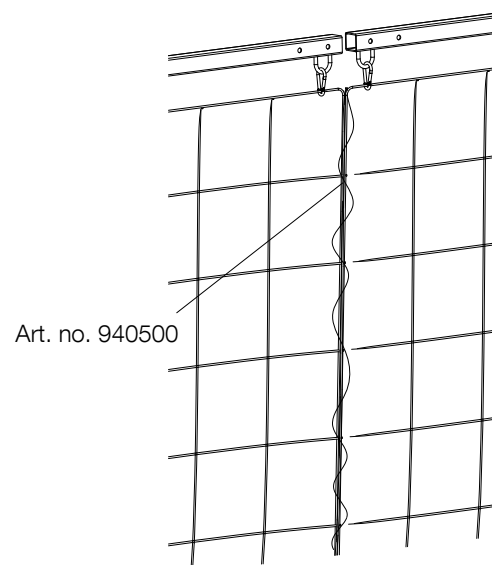
Mounter in charge must fill out the Installation card and attach to the platform prior to use. The installation documentation must also be filled out and handed over to the customer.



MAX 2

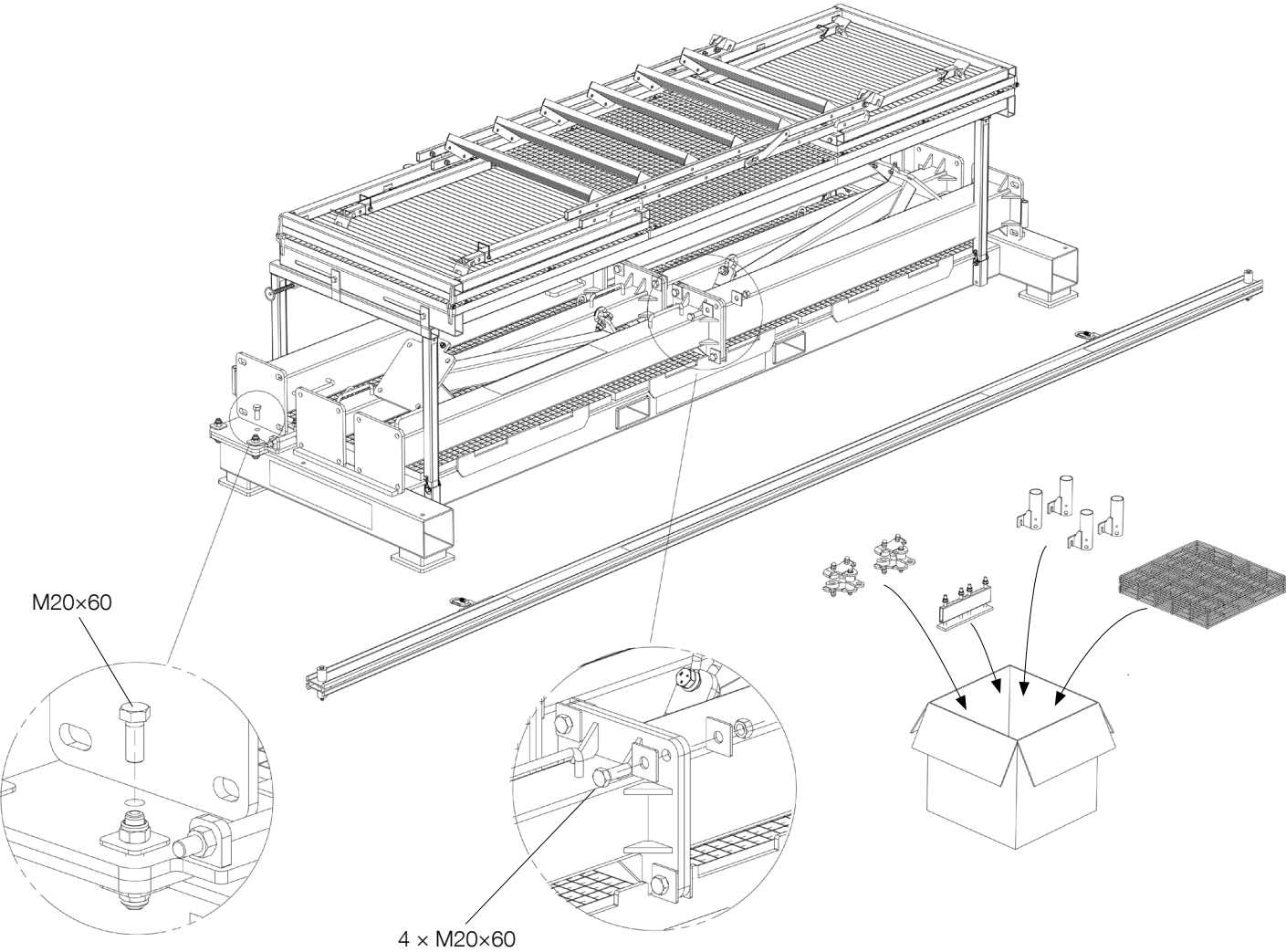
WHEN CONNECTING RAILS**20.** Join rails with Joint.

Art. no. 700281

**21.** Splice the soft nets together with the Coupling line.

Disassemble the unit in reverse order.

PACKING



MAINTENANCE

INSPECTION

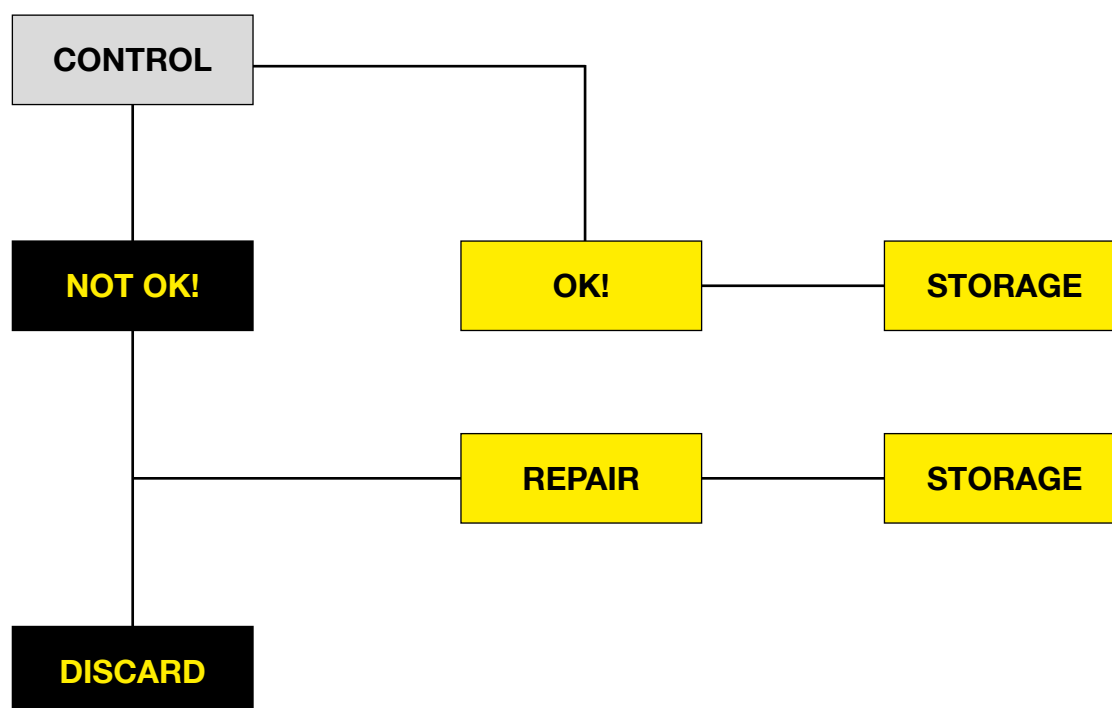
Before each work shift, an ocular inspection must be performed. If there is any doubt of the condition of any components, measures must be taken before any use of the product.

After final use, a check must be carried out before the components are put into storage. We recommend that only people with training from SafetyRespect perform the control. Personal fall protection must also be inspected at least every 12 months by a Competent person.

Check that:

- the parts match as they should
- no deformations can be found
- no cracks can be found
- no alterations have been made to the products
- no rust can be found
- no other external influences can be found

Clean the parts when required.



STORAGE, CARE AND REPAIRS

Sorted out details can be refurbished if it is possible to restore them to perfect condition. Repairs must be carried out by a person with the necessary knowledge, preferably with training from SafetyRespect. Only cold working of properly cleaned parts is permitted. Damaged parts that cannot be repaired must be discarded and replaced.

Parts that are not in good condition or cannot be restored to good condition must be discarded. Details

made of steel can be scrapped as steel in its entirety. Certain details may need to be sub-sorted. When in doubt, ask for advice from SafetyRespect.

Store the product in a dry and ventilated area protected from weather, corrosive substances and impact from other external elements.

Remember to always document the installation according to the Trailersafe installation document.
After approved installation, the Trailersafe installation card must be placed in the intended location.

This manual is also available at safetyrespect.com