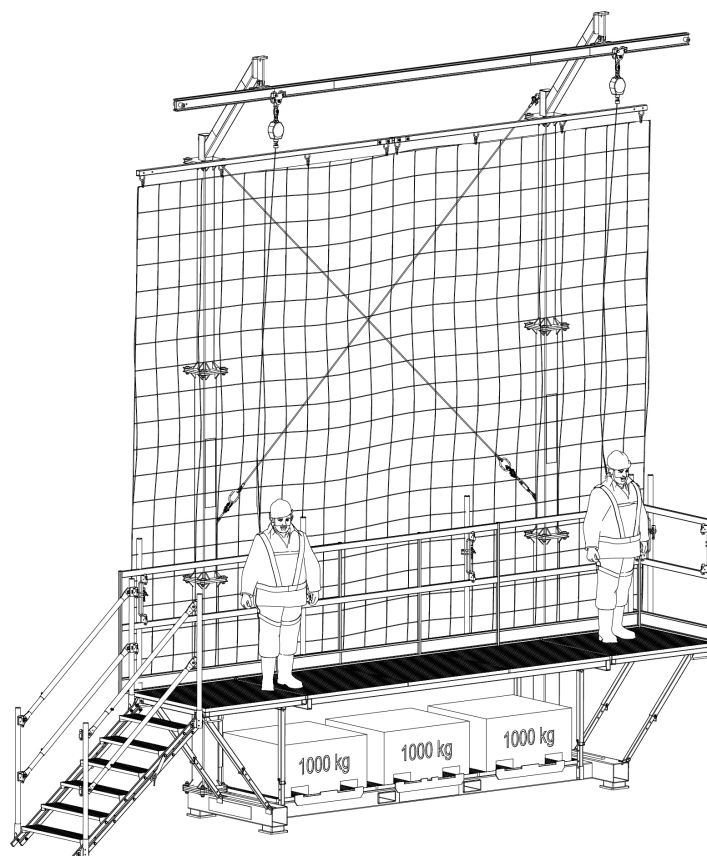


# MANUAL TRAILERSAFE



**CONTENT**

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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 2023:11 or according to other national regulations.

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, if applicable.
- 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.



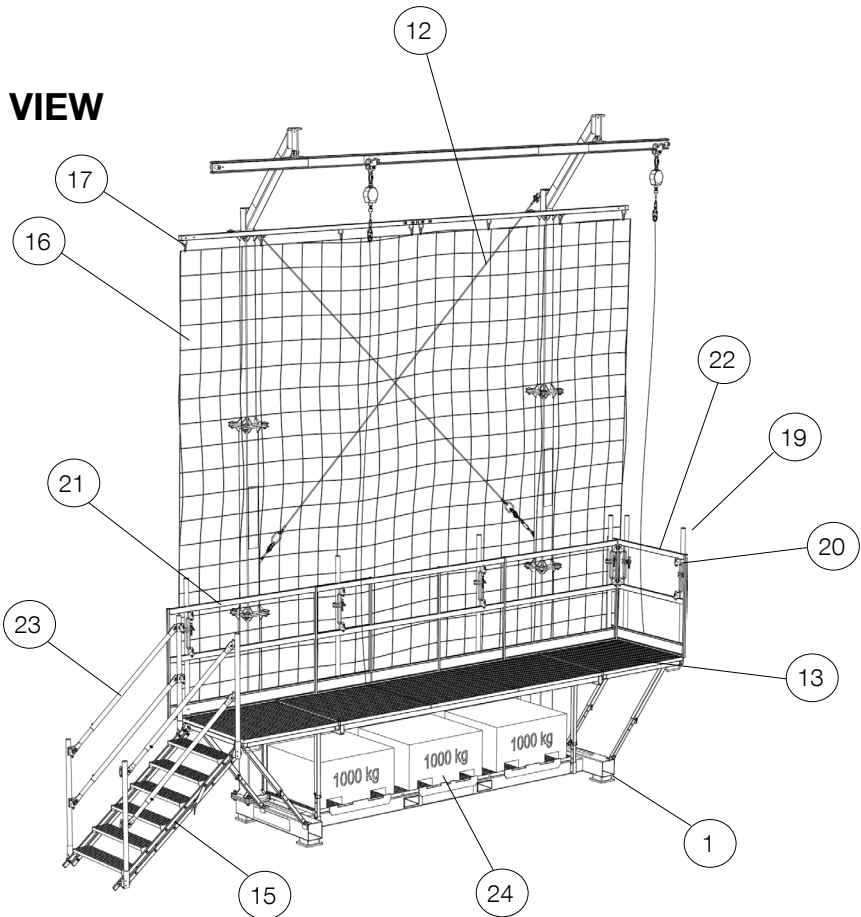
## CHECK MATERIAL

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

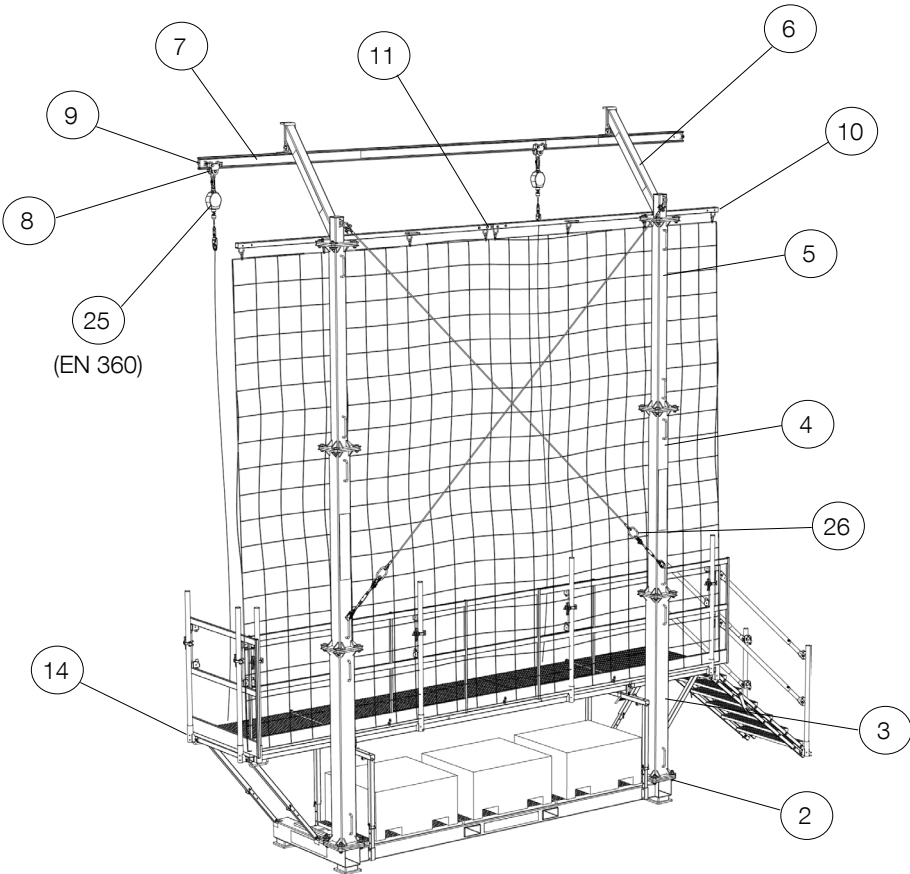


COMPONENTS

FRONT VIEW

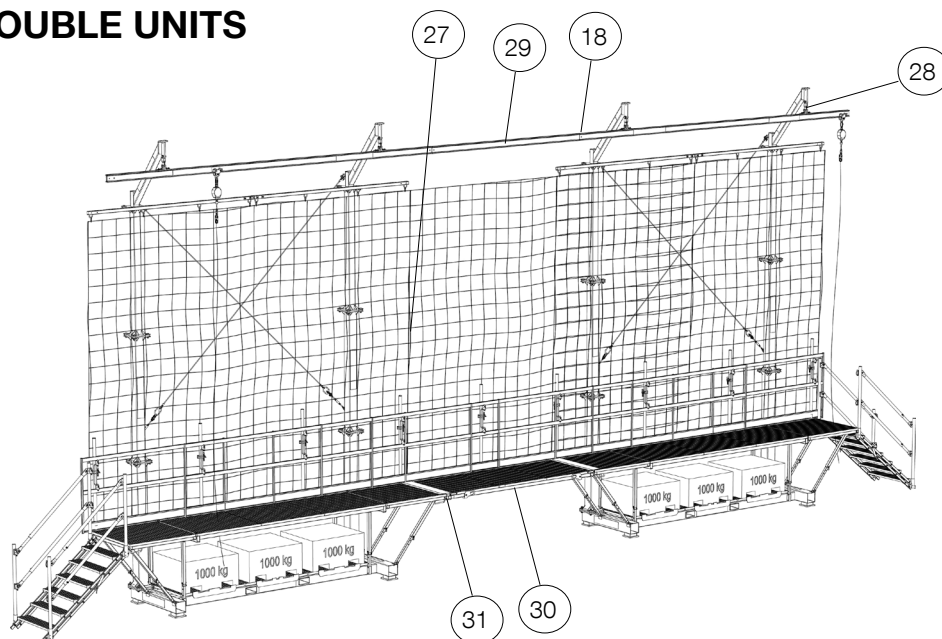


BACK VIEW





## DOUBLE UNITS



## ADDITIONAL EQUIPMENT

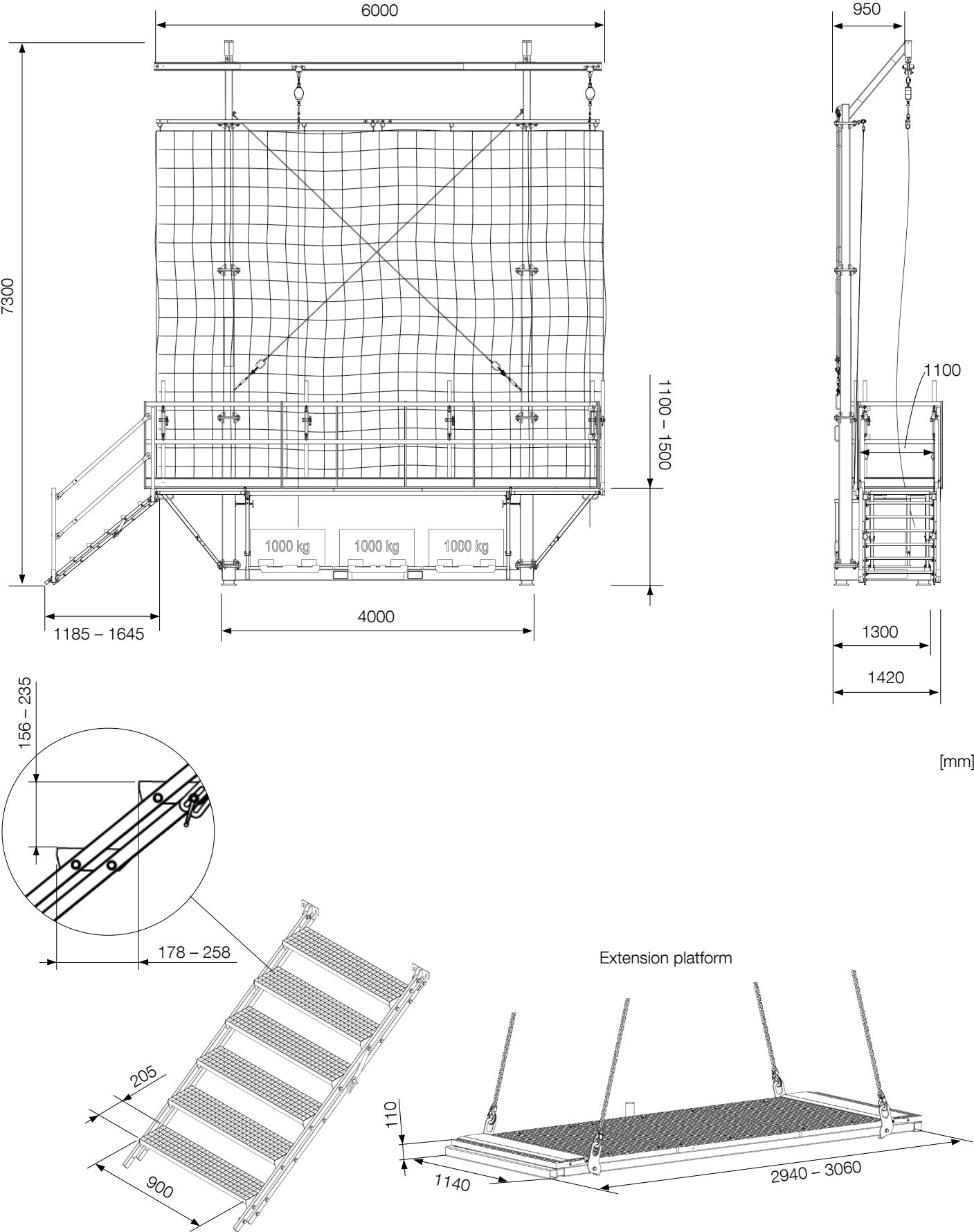
## TRAILERSAFE

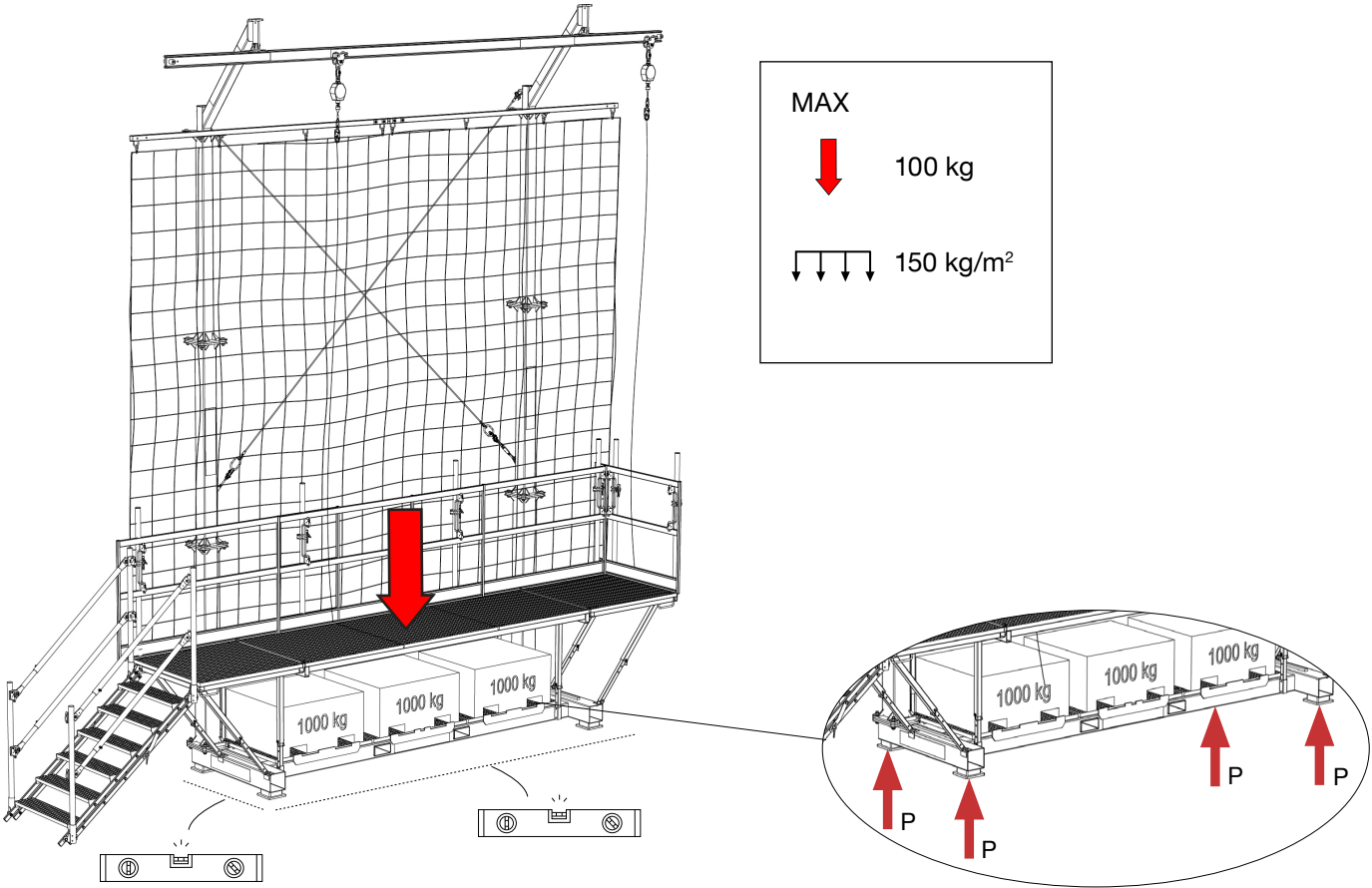
NO	PART	DESCRIPTION	WEIGHT	QTY
1	700210	Bottom platform	500 kg	1
2	700215	Mounting plate assy.	16 kg	2
3	700221	Mast section 1	88 kg	2
4	700222	Mast section 2	76 kg	2
5	700223	Mast section 3	65 kg	2
6	700224	Mast section 4	40 kg	2
7	700231	Fallprotec rail, 6 m	31 kg	1
8	700233	Fallprotec trolley	2,5 kg	2
9	700234	Fixed end stop	0,5 kg	2
10	700240	Horisontal support	15 kg	2
11	700241	Joint	2,5 kg	1
12	700245	Wire rope lifting sling	5 kg	2
13	700250	Adjustable platform	110 kg	1
14	700255	Bolted post holder	1 kg	4
15	700260	Adjustable stair	47 kg	1
16	700265	Soft net, 6x6	10 kg	1
17	705121	Carabiner	0,1 kg	8

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	913320	Adjustable link bar 1,5–2,5	6,2 kg
24	700270	Ballast concrete 1 t	1000 kg
25	963069	Block IKAR HAS 9	5 kg
	963063	Block IKAR HWS 12	5,4 kg
26	700246	Turnbuckle M12	2,5 kg
27	940500	Coupling line	-
28	700235	Swiveling rail attachment	1,5 kg
29	700232	SafeAccess rail 3 m	16 kg
30	700243	Extension platform	110 kg
31	700252	Platform holder	0,6 kg

LIMITATIONS

DIMENSIONS AND LOADS

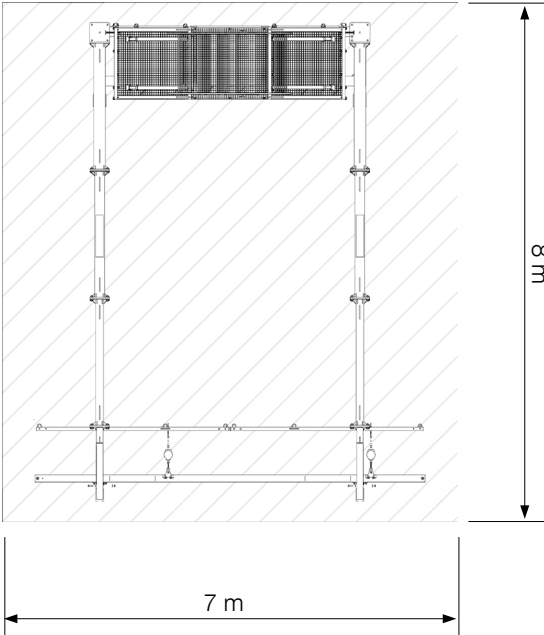




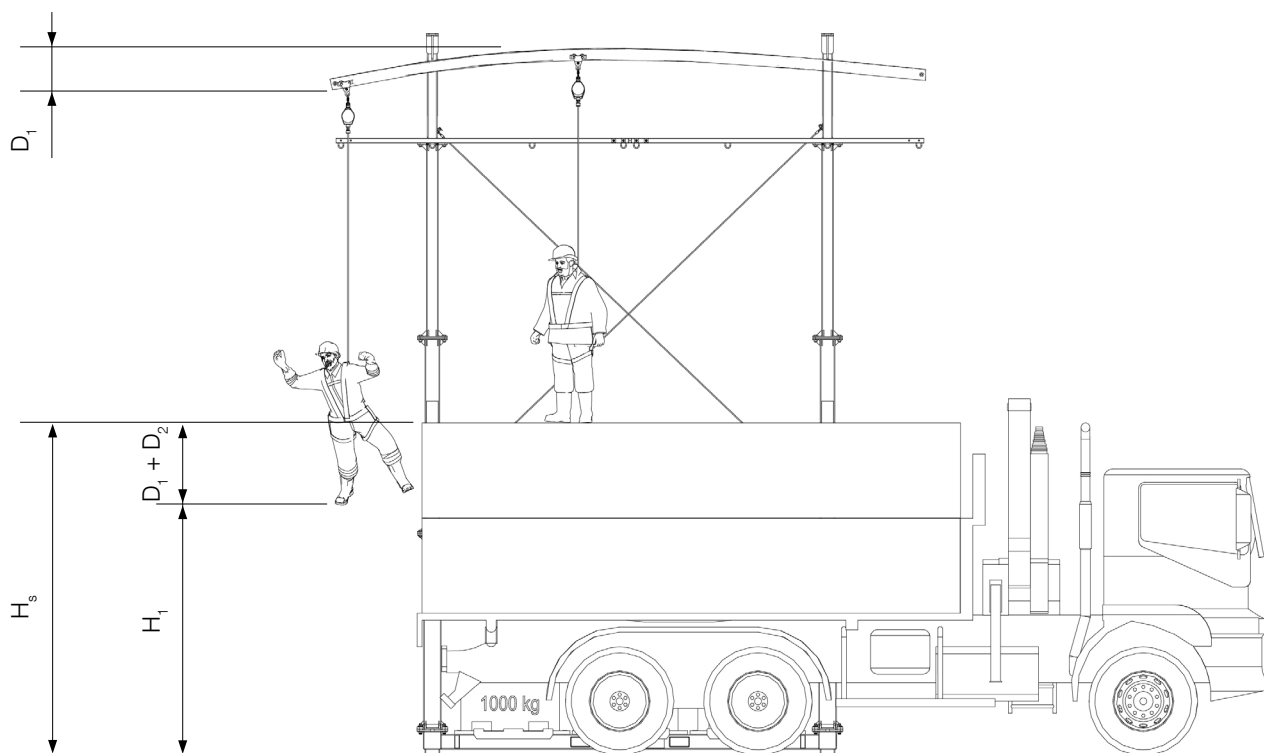
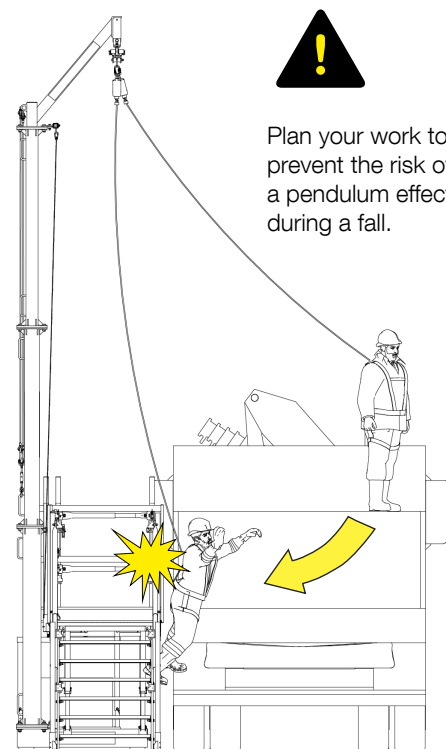
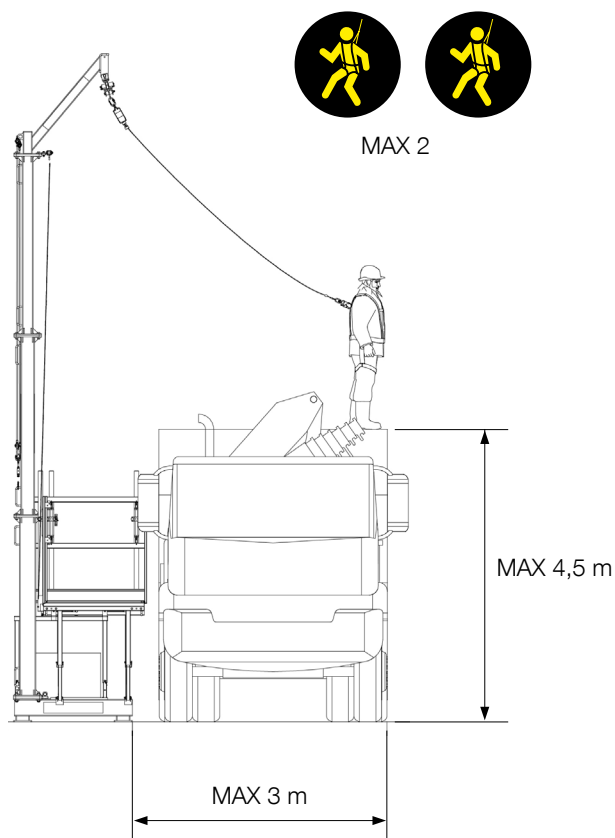
DISTRIBUTED LOADS		
P	Load per foot*	41 kN

\* The foot dimension is 200 × 200 mm.

MOUNTING ZONE



## LIMITATIONS OF USE



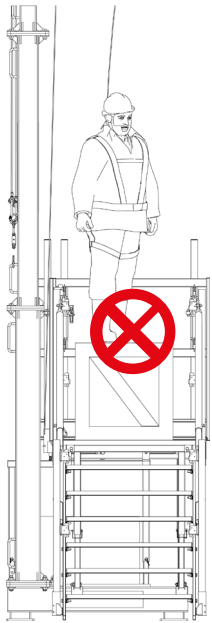
$$H_s > D_1 + D_2 + H_1$$

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

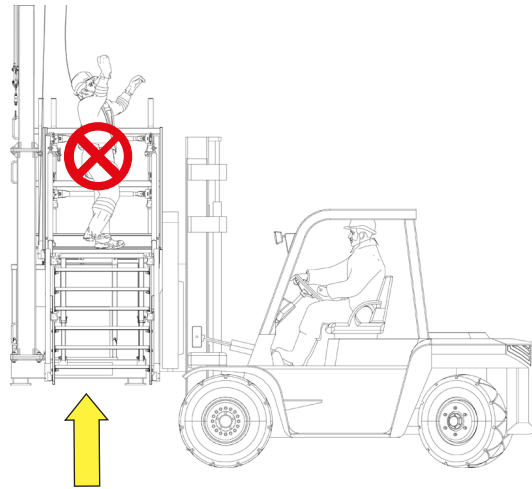
$D_1$  = Deflection of the rigid anchor line, [200 mm]

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

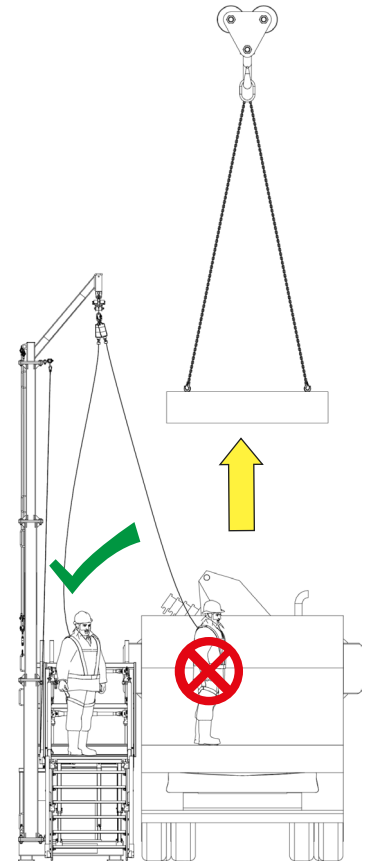
$H_1$  = Safety distance, [1 m]



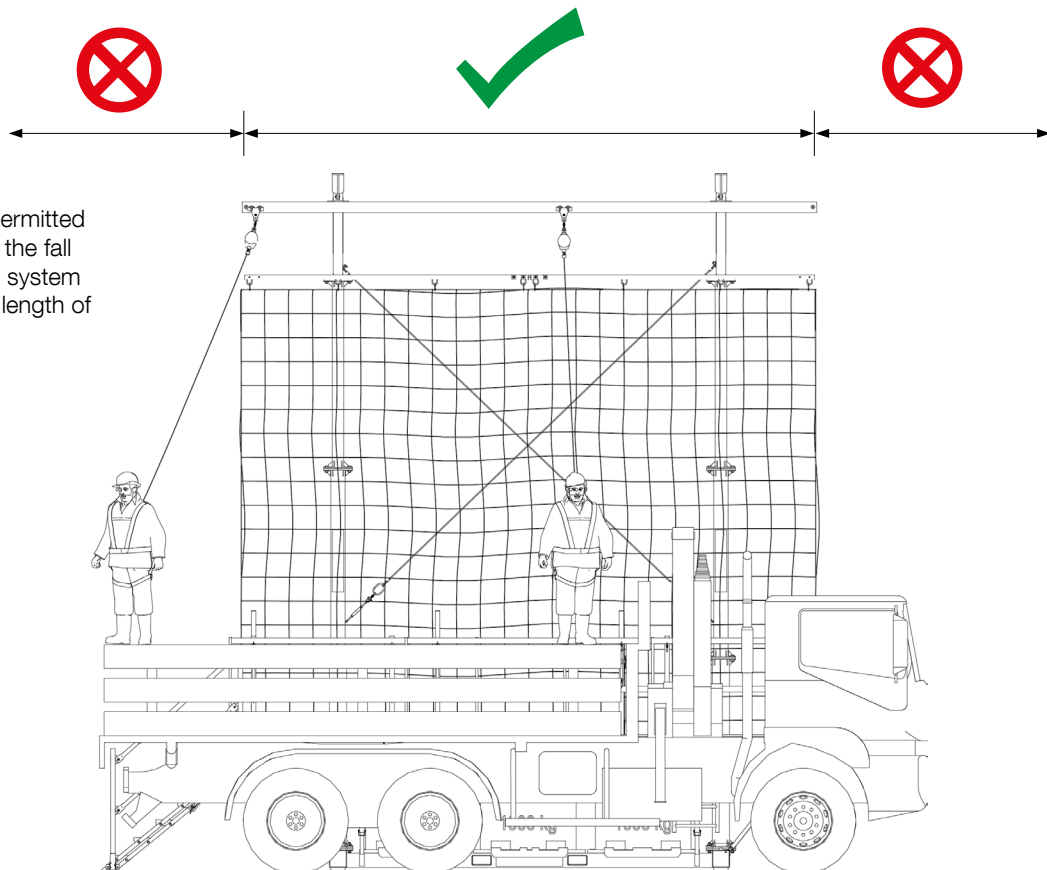
It is forbidden to use foreign materials to increase the working height of the platform.



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

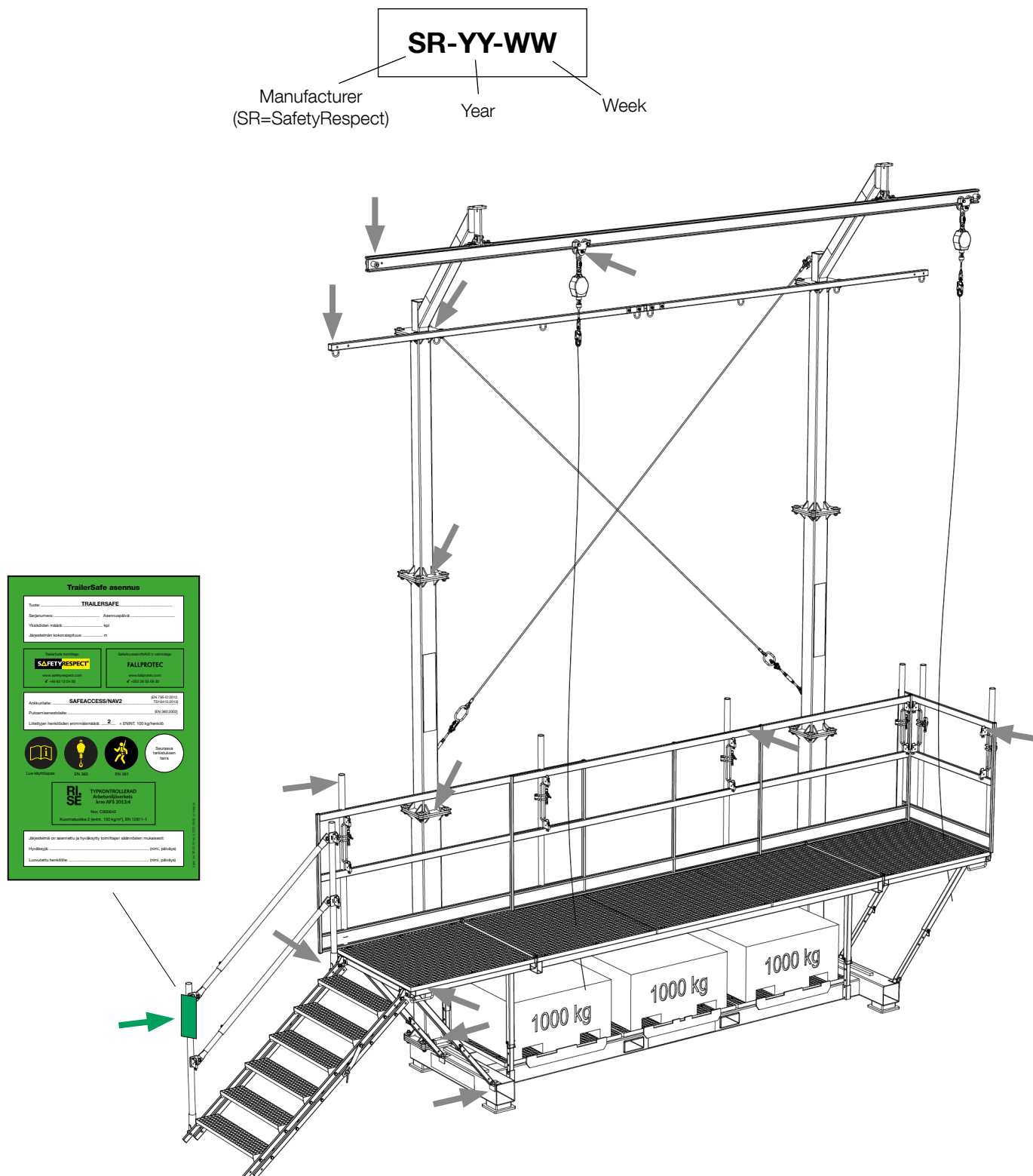


It is forbidden to stand under hanging elements.



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

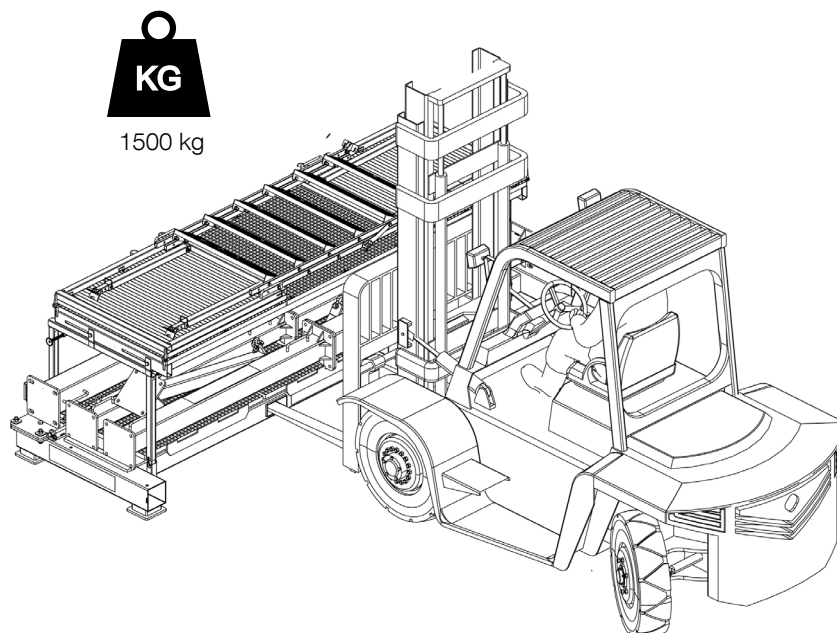
A sign (the green arrow) containing a unique serial number, the RISE marking, the type-examination certificate number, the manufacturer's name and a certificate that the unit has been mounted in accordance with current rules and regulations is also placed on the fully assembled unit.



# MOUNTING

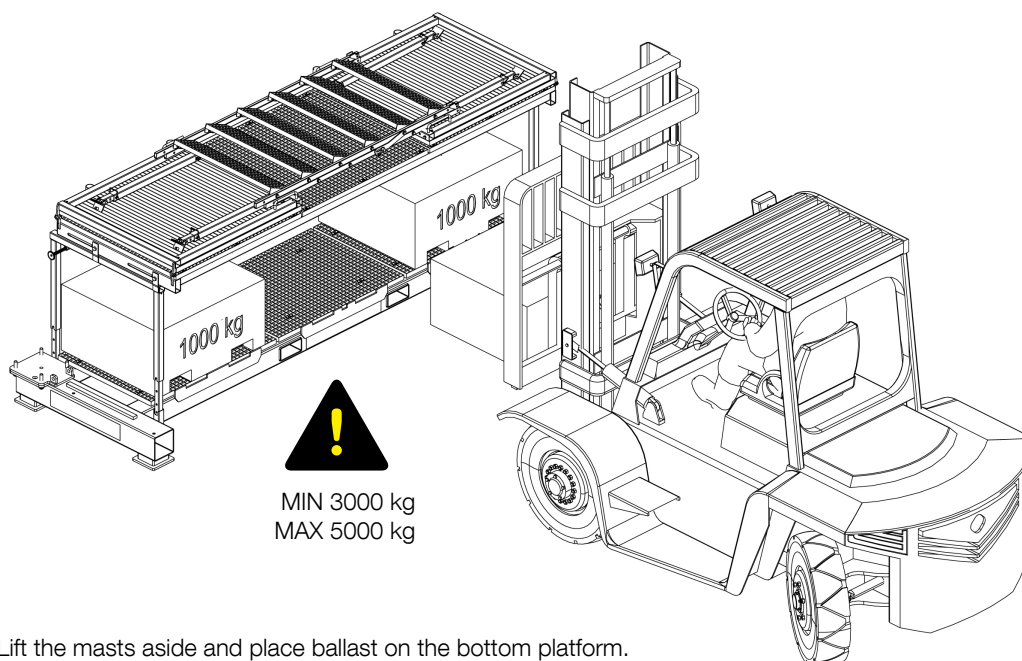
Mounting of the product may only be carried out by persons with relevant training.

1.



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

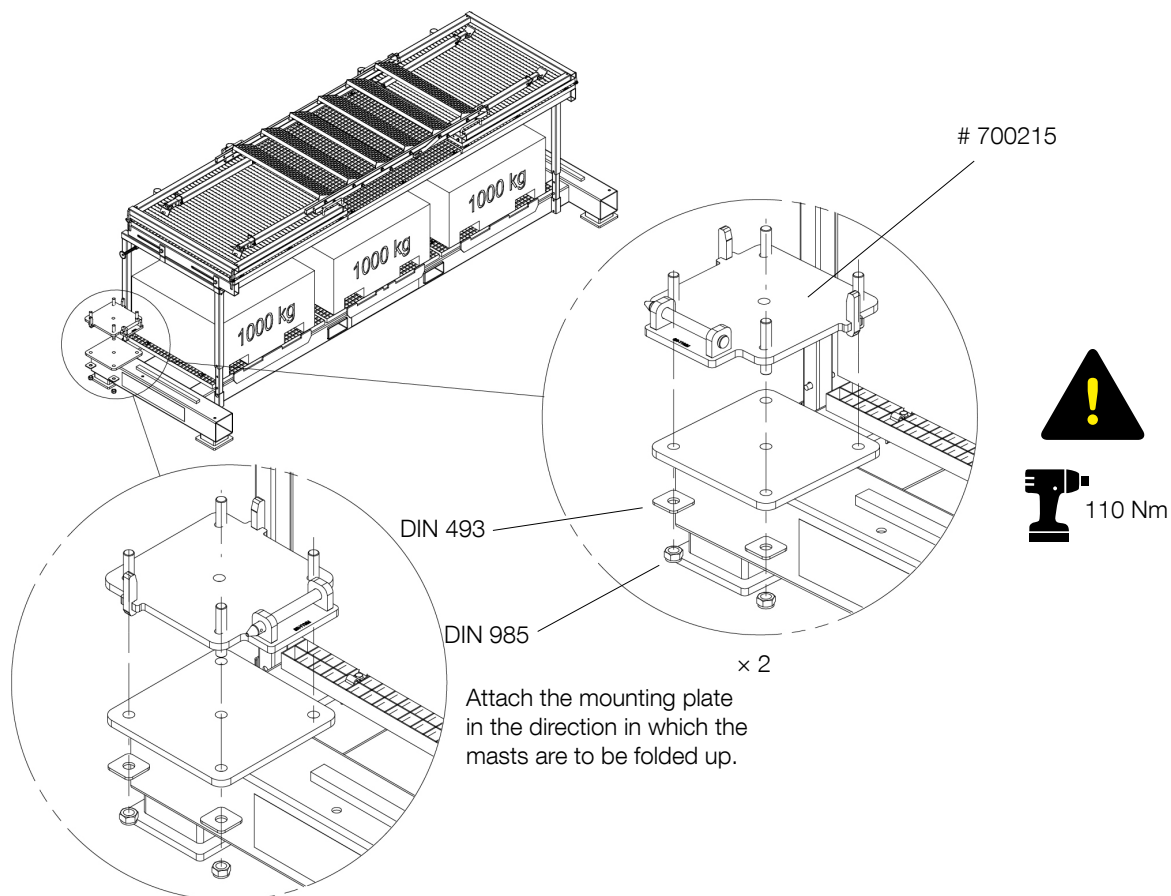
2.



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

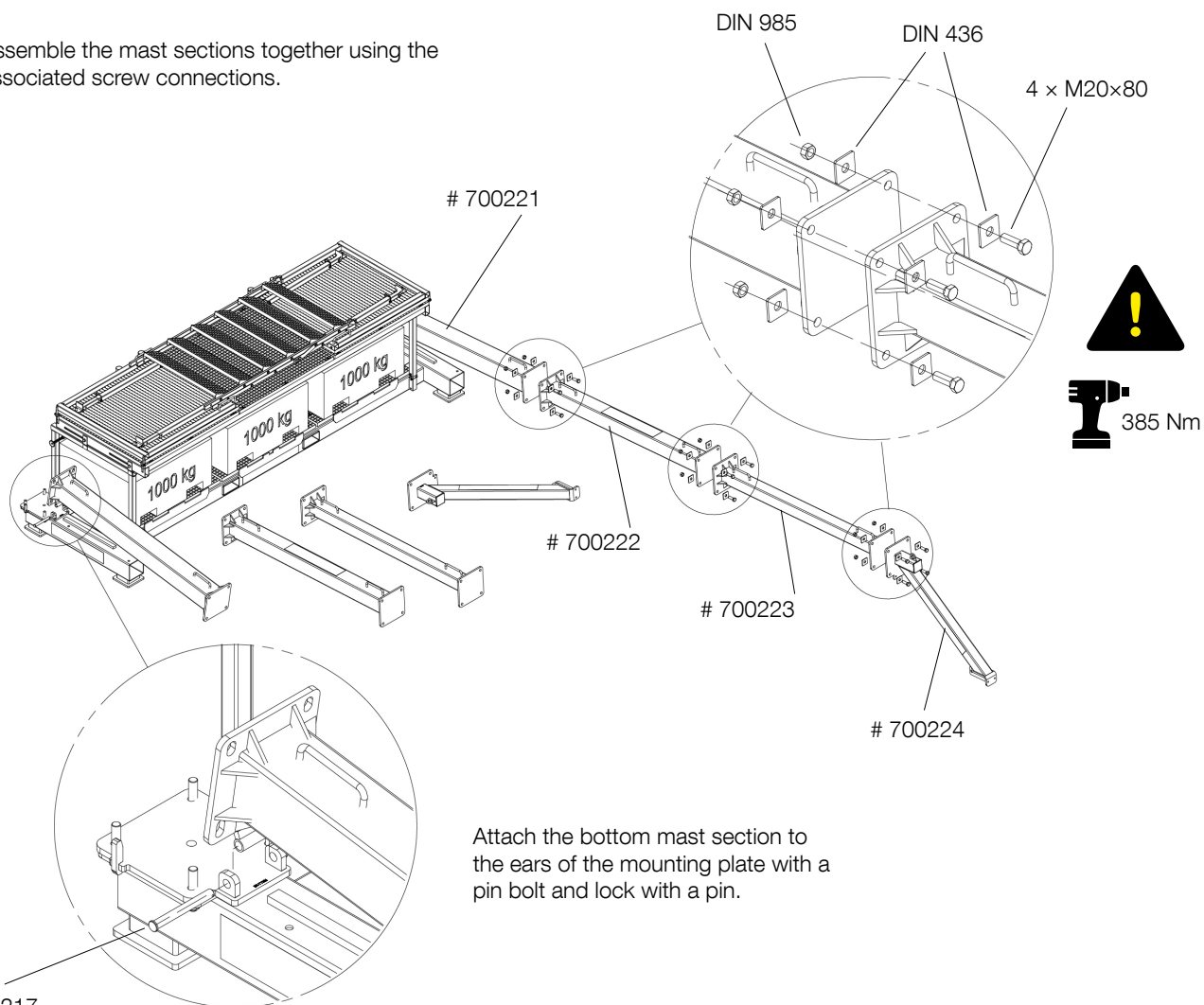


3.



4.

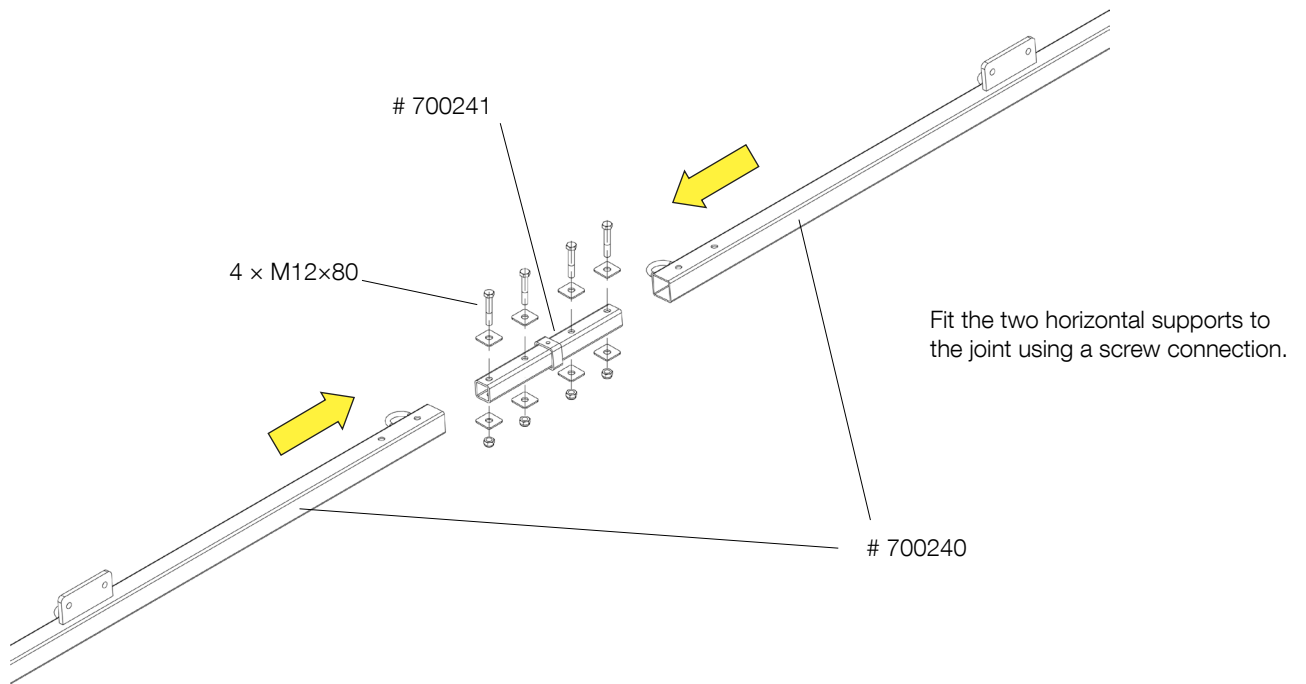
Assemble the mast sections together using the associated screw connections.



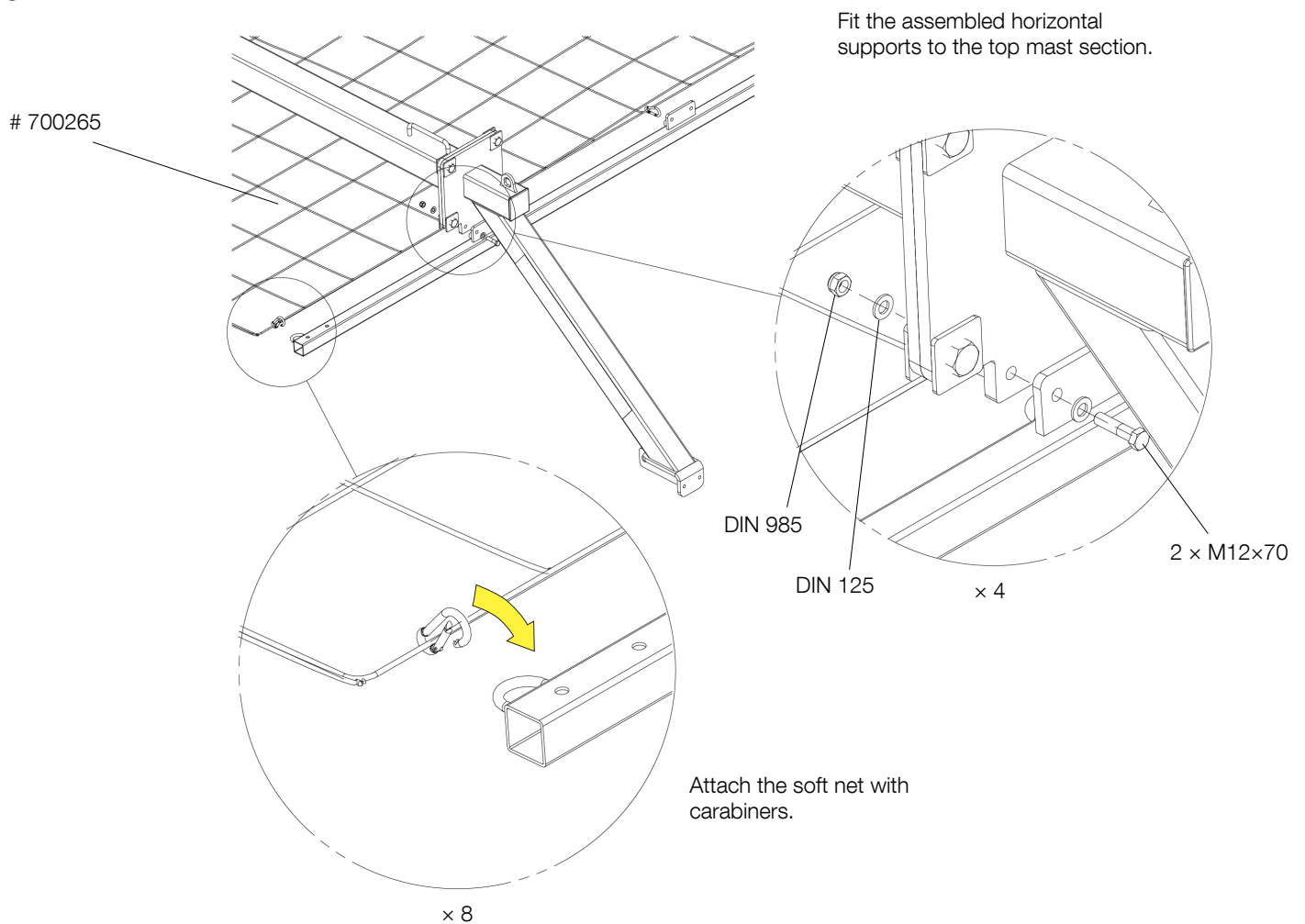
Art. no. 700217



5.

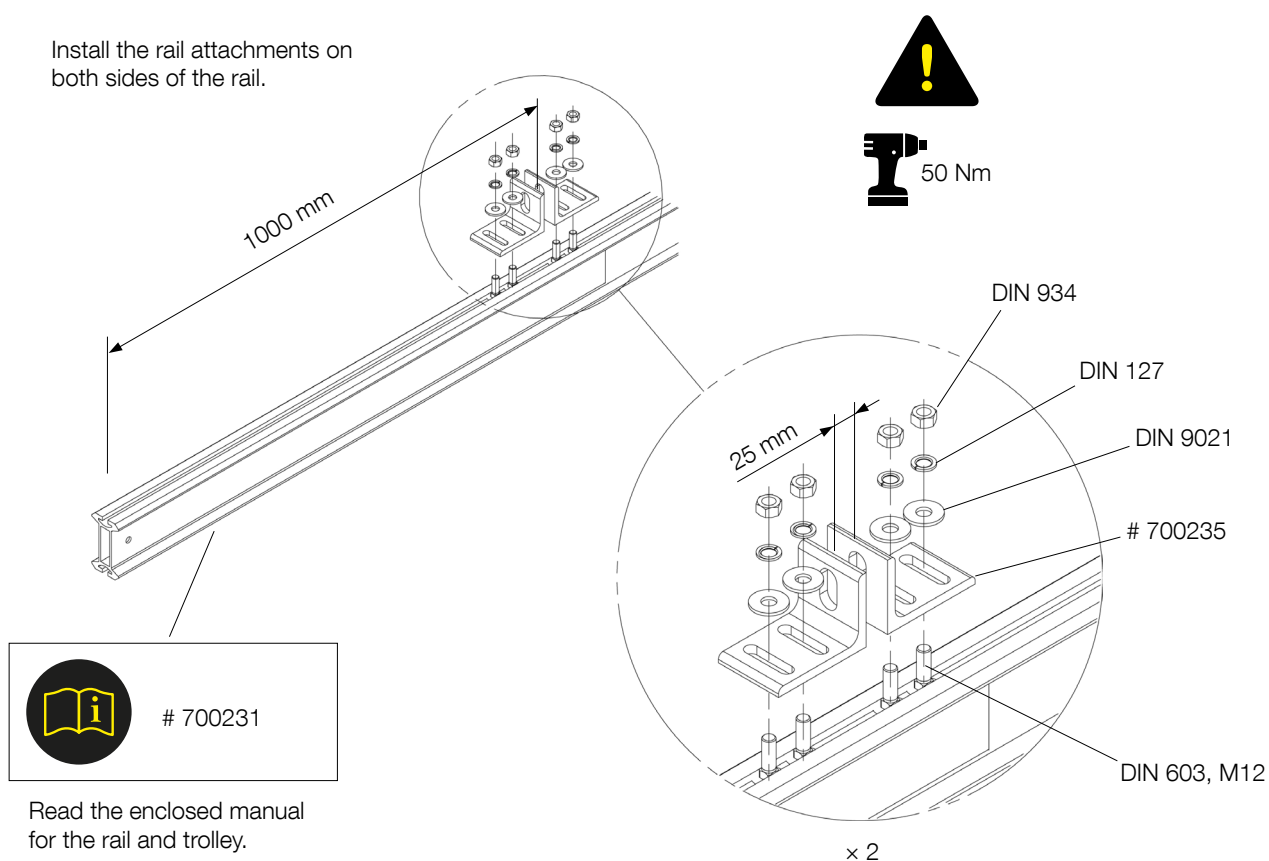


6.



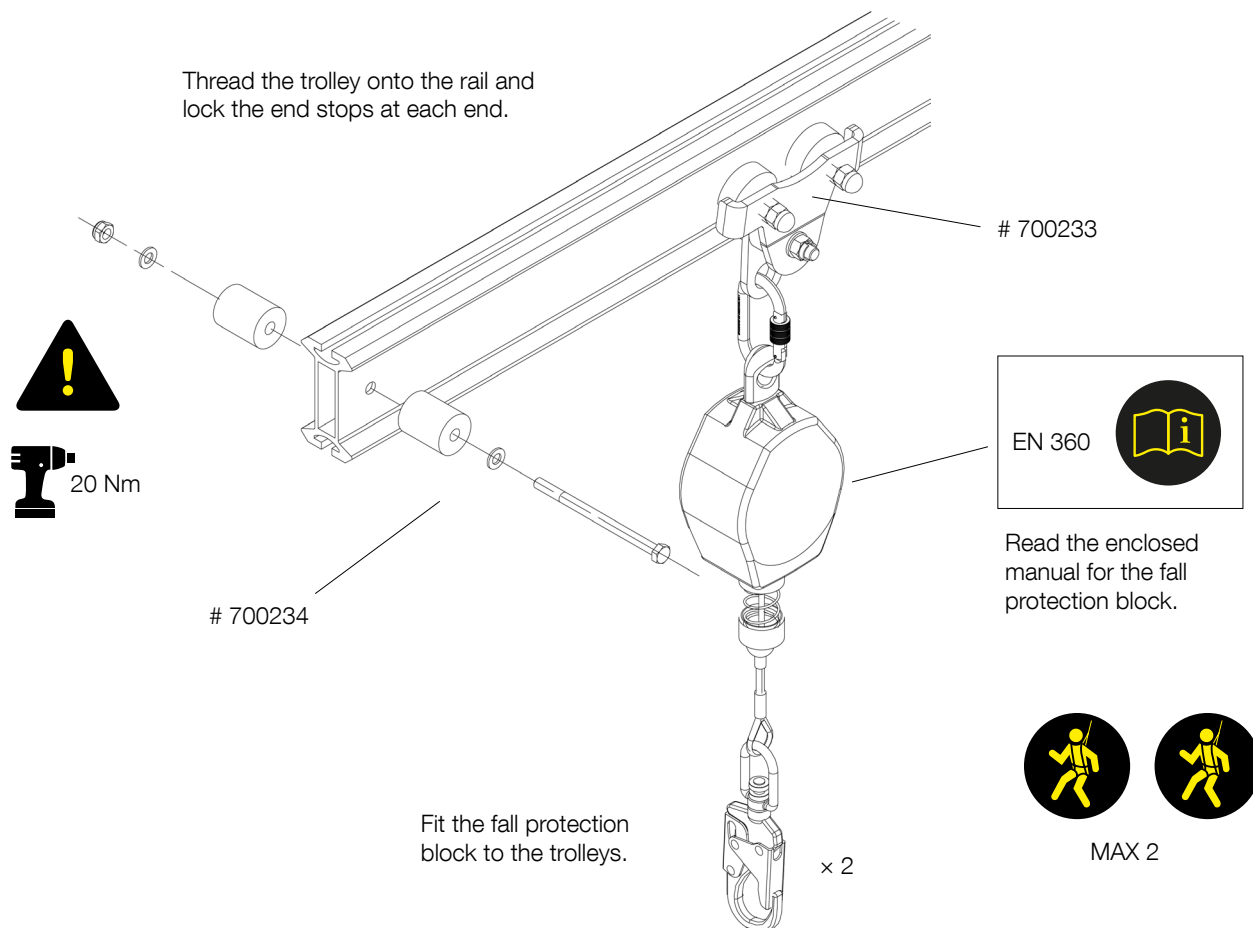
7.

Install the rail attachments on both sides of the rail.

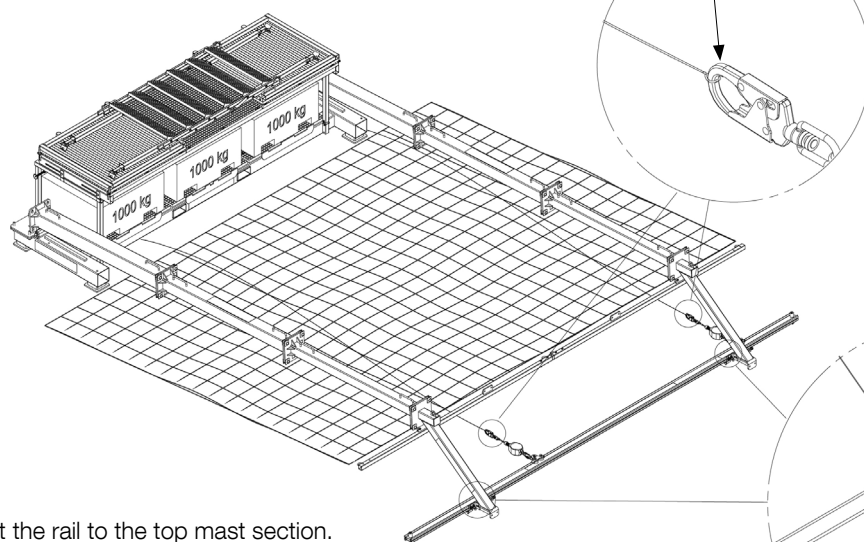


8.

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



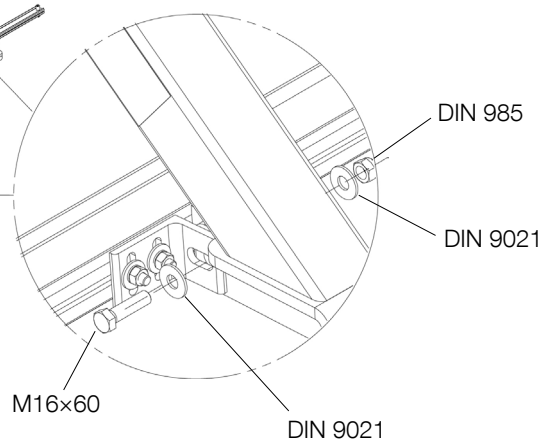
9.



Attach a line to the carabiner on the fall protection block, to allow the cable to be coiled up when the block is not in use.

Fit the rail to the top mast section. Make sure there is enough clearance between the angle bracket and the attachment plate to allow the rail to rotate freely.

When connecting several units, swiveling rail attachment is mounted between the angle iron on the rail and the mast top, see point 20.

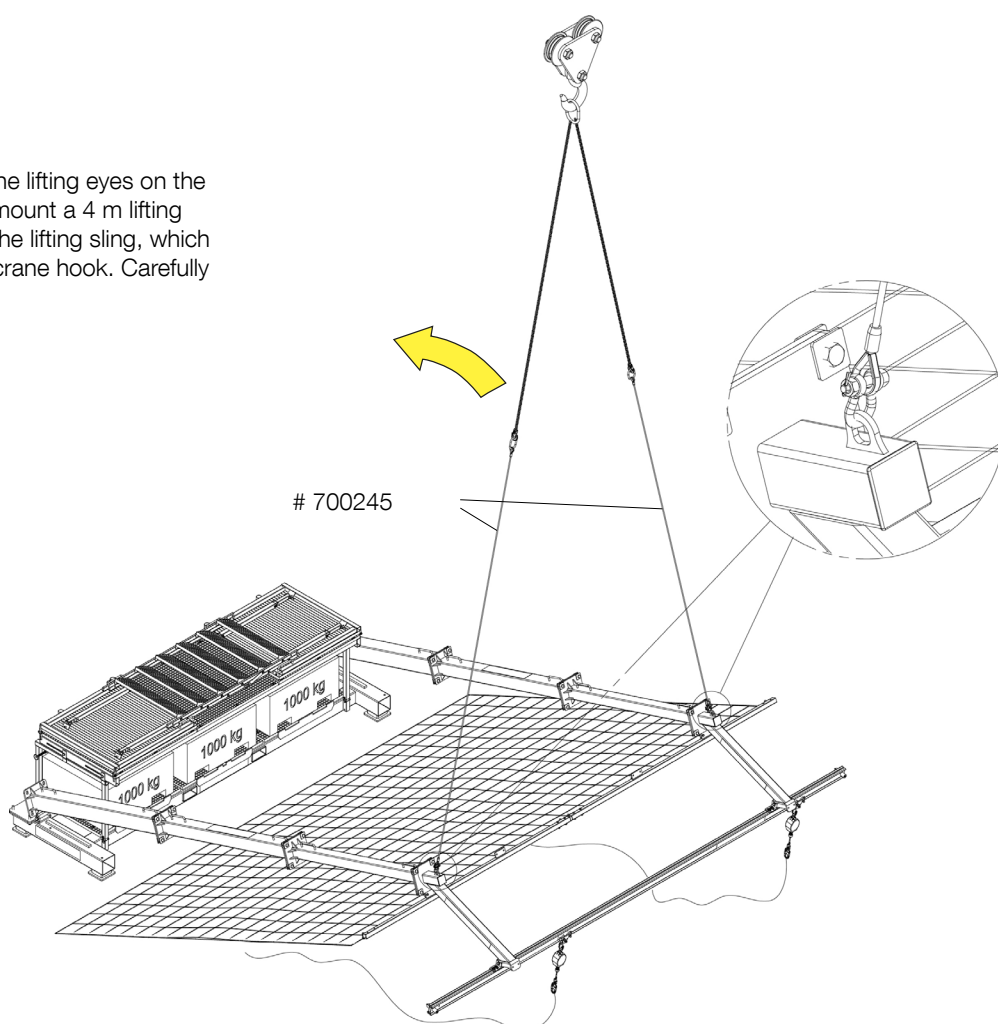


10.

Attach the lifting sling to the lifting eyes on the top mast sections. Then mount a 4 m lifting strap at the other end of the lifting sling, which is then connected to the crane hook. Carefully raise the masts.



Make sure that the holes on the bottom plate of the lowest mast sections runs smoothly over the threaded rods on the mounting plate.

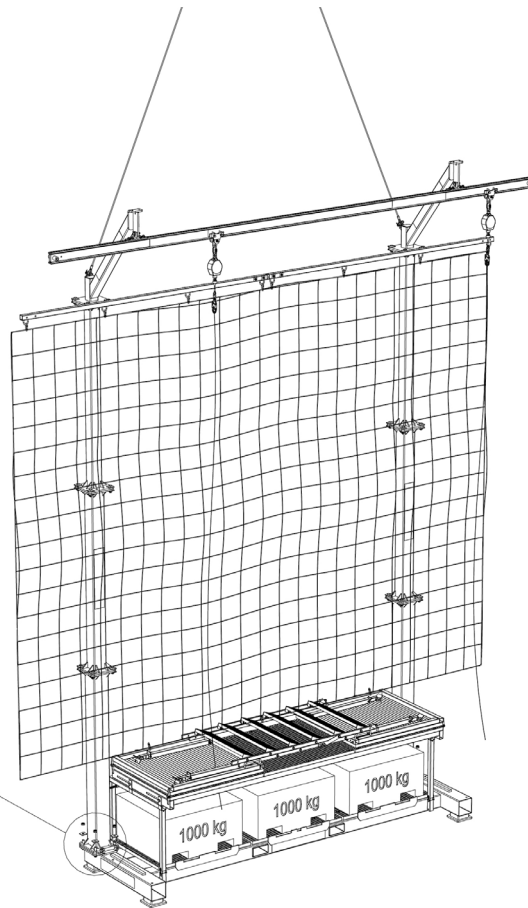
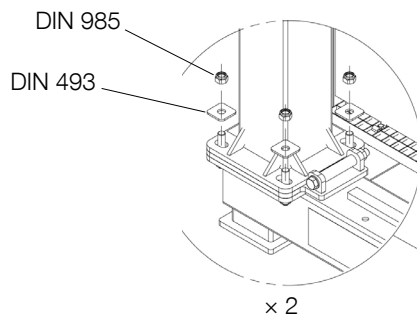


## 11.

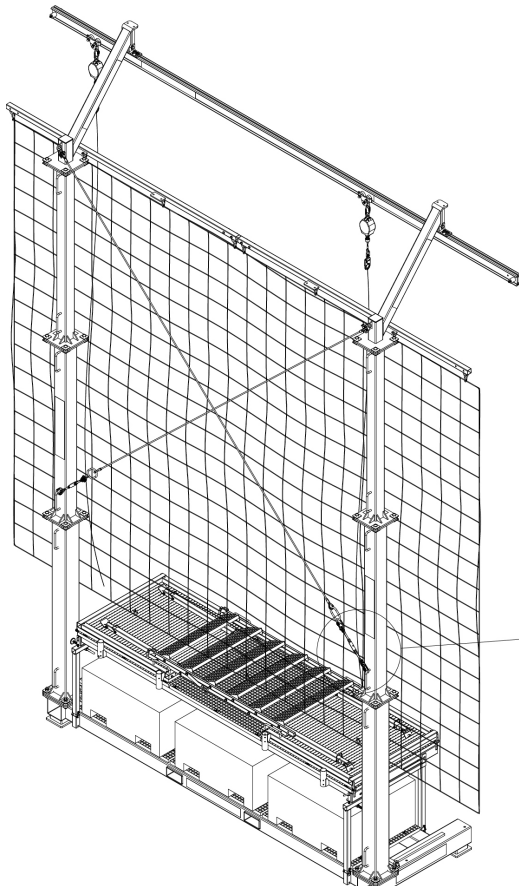
Fit the base plate with washers and nuts to the pre-assembled threaded rods. Keep the lifting sling taut until all nuts are tightened.



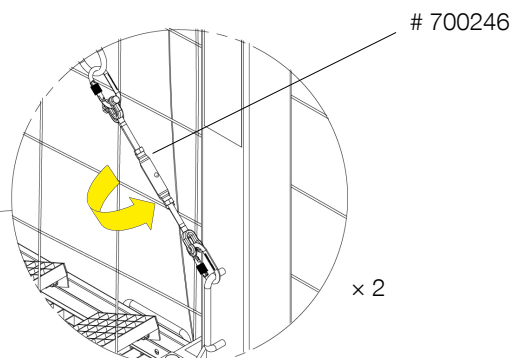
385 Nm

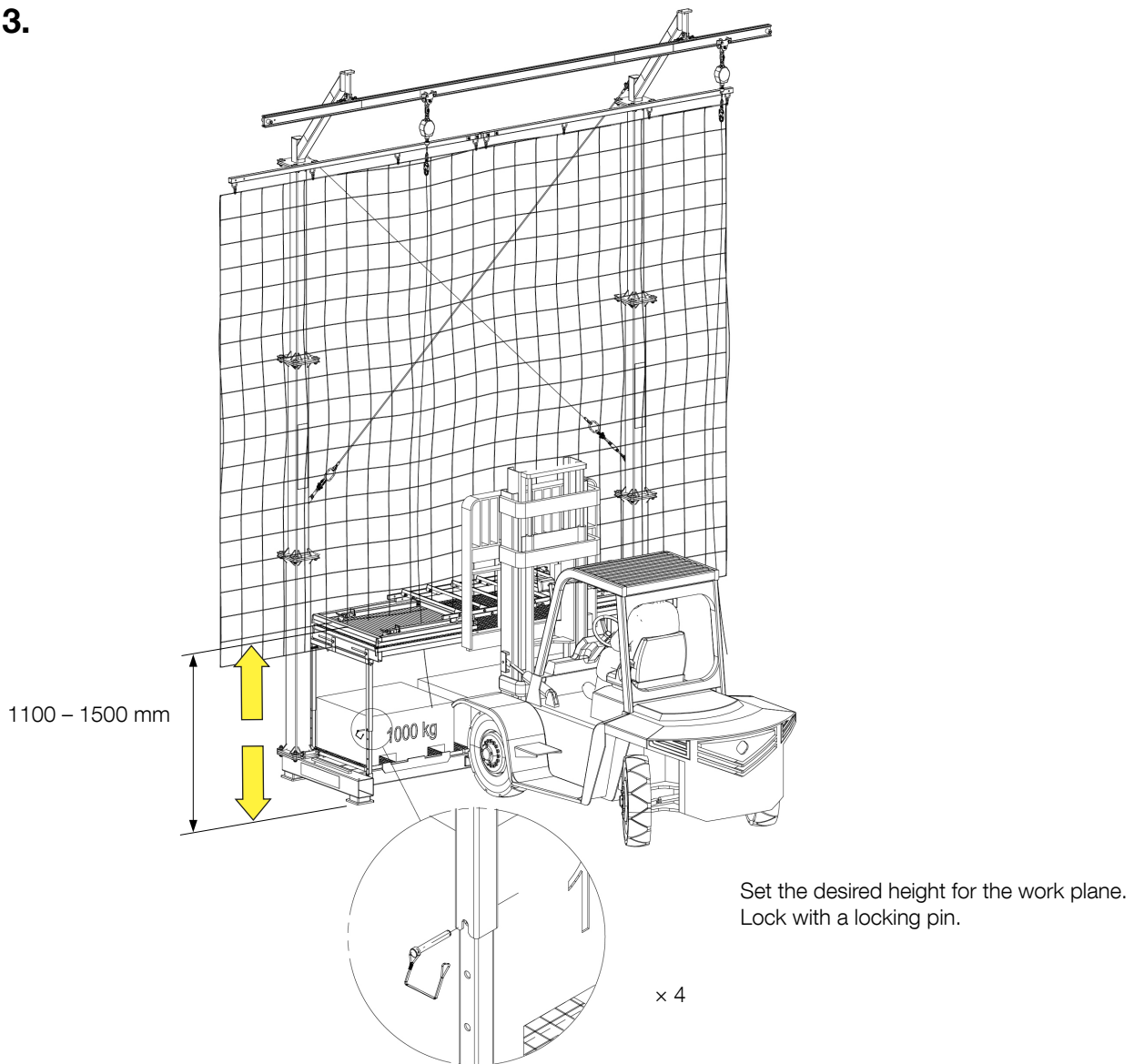


## 12.

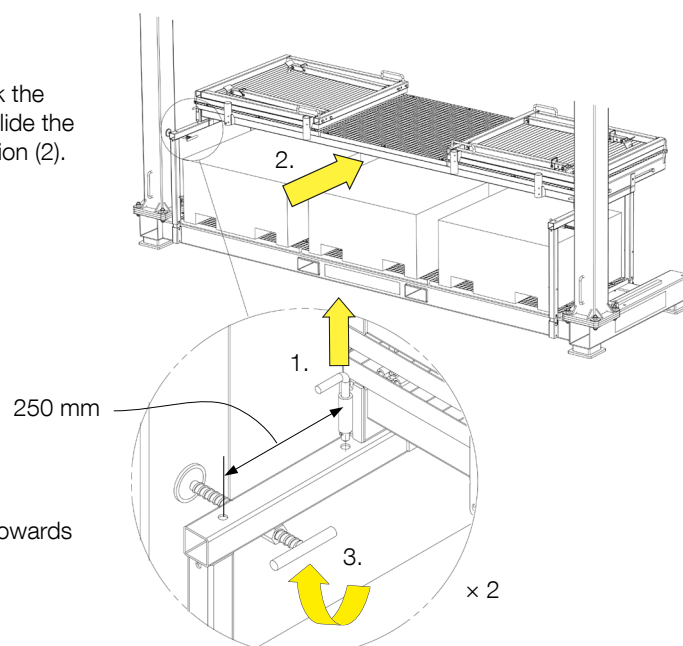


Release the lifting slings and use them as a cross brace. Tighten the slings with a turnbuckle.



**13.****14.**

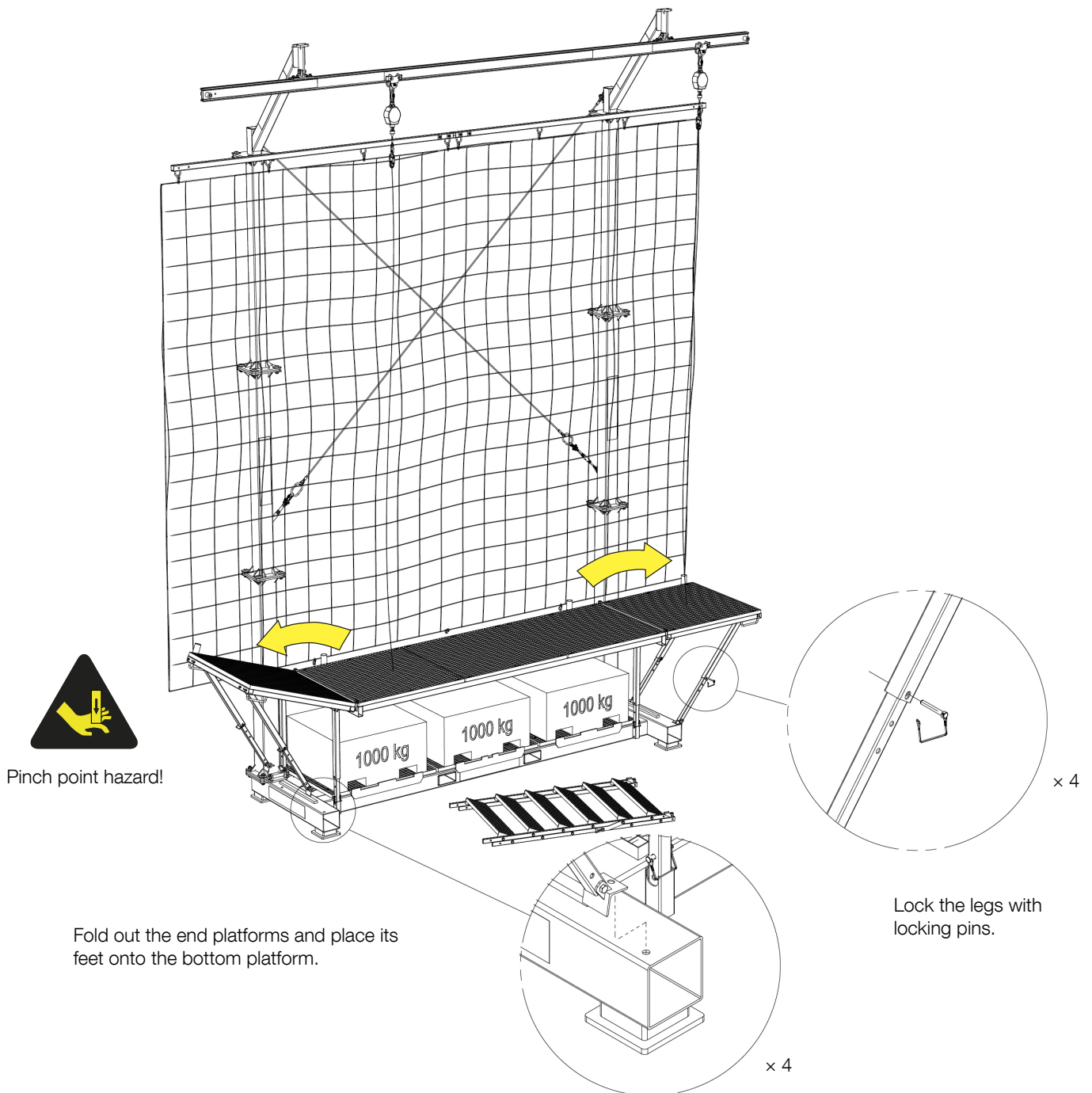
Loosen the handles that lock the adjustable platform (1) and slide the platform to the desired position (2).



Tighten the handles towards the masts (3).

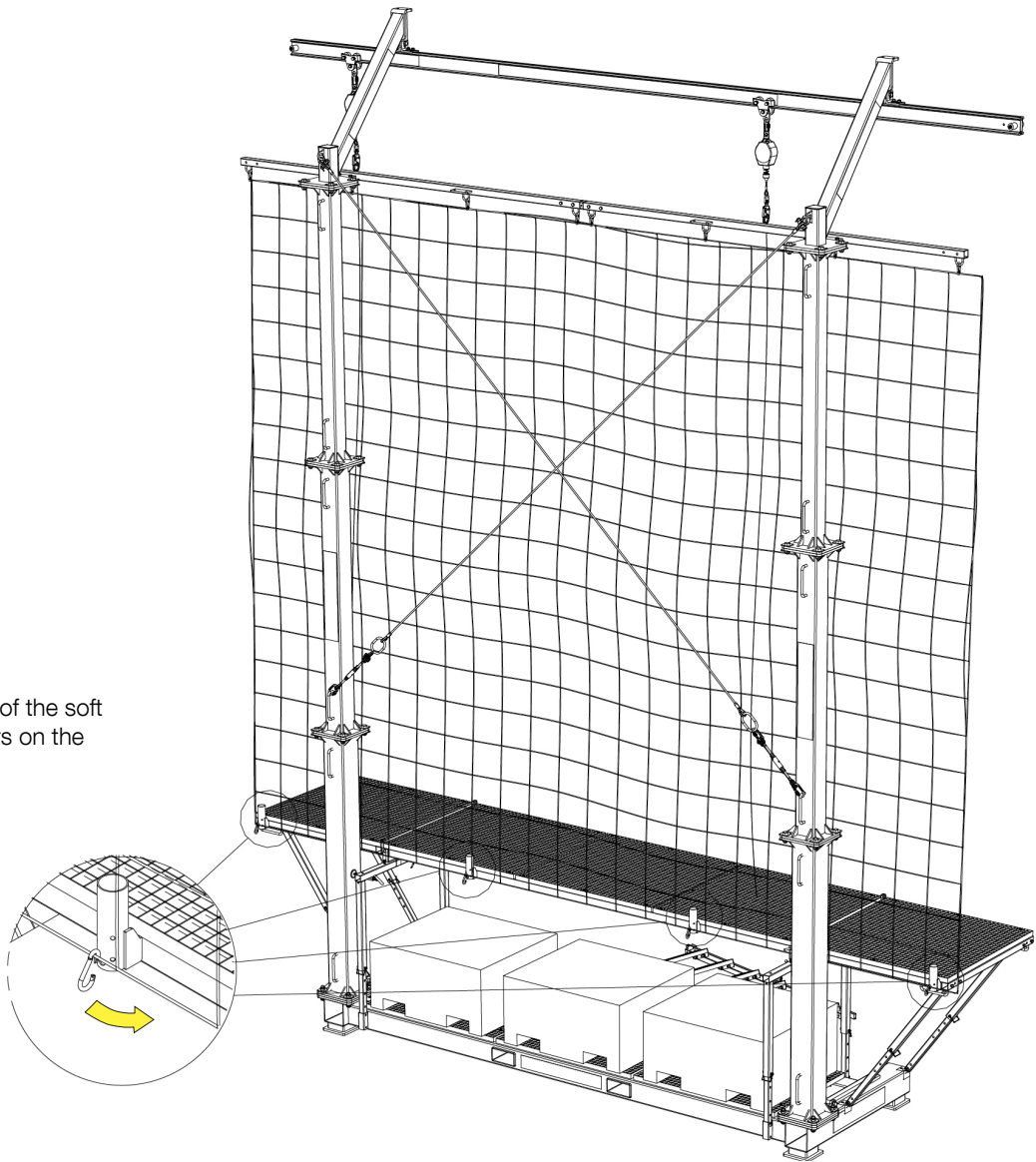


15.



**16.**

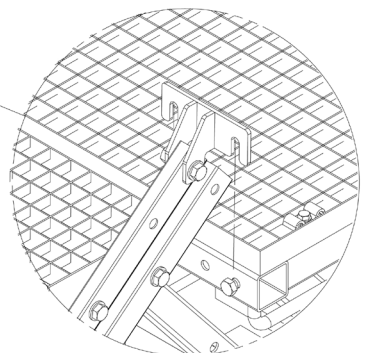
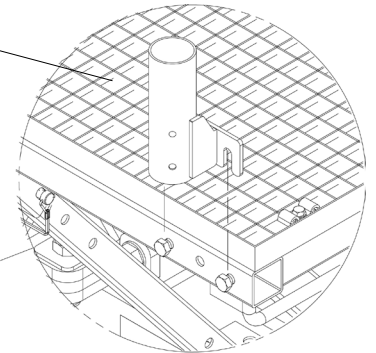
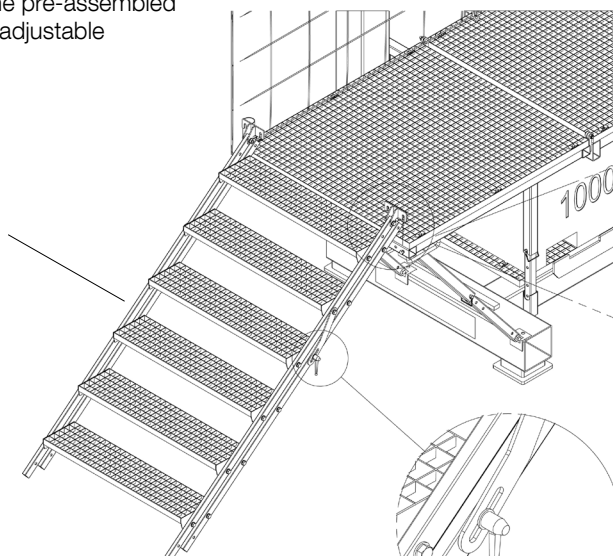
Attach the lower end of the soft net to the post holders on the adjustable platform.

**17.**

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

# 700260

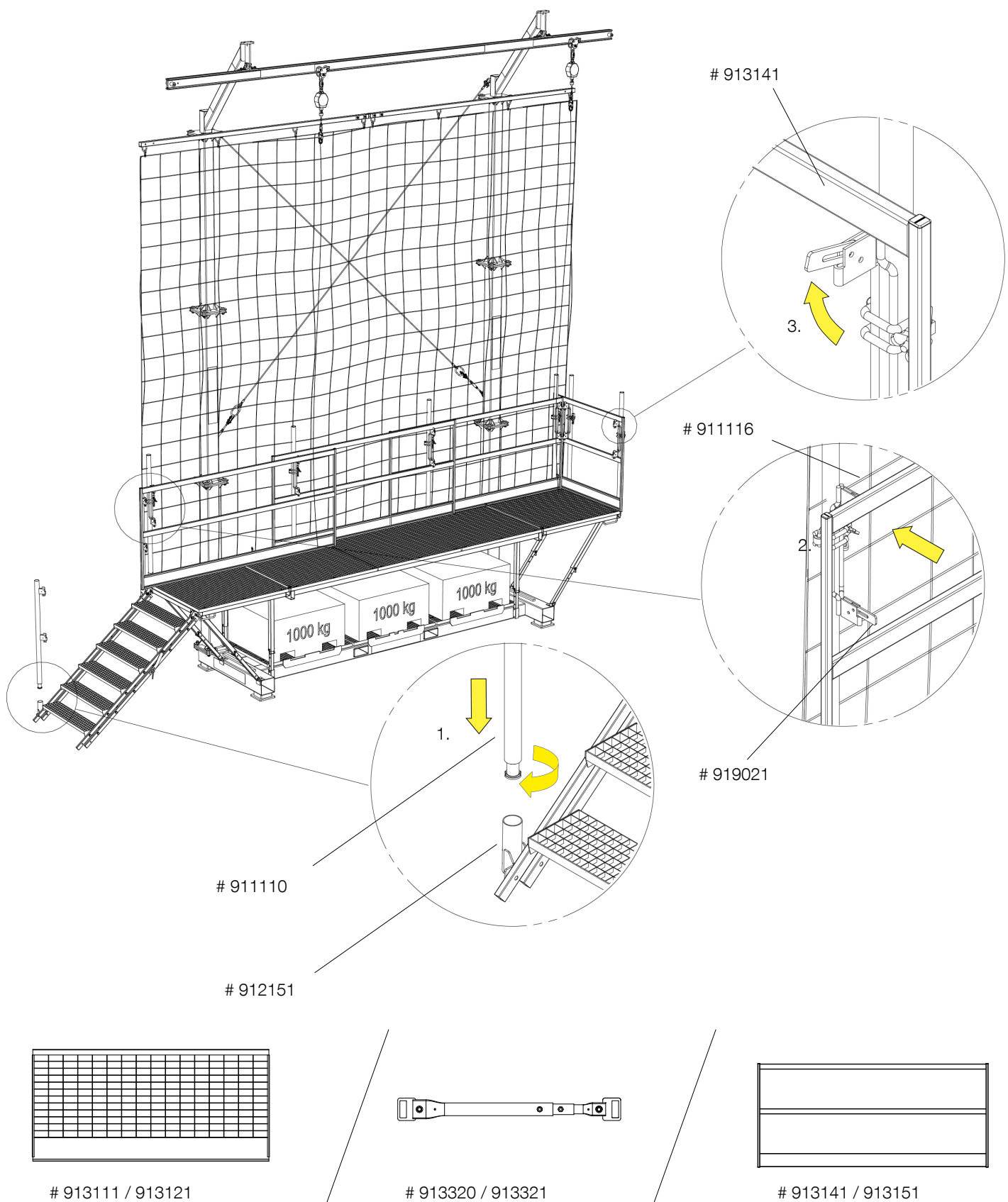
# 700255



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).

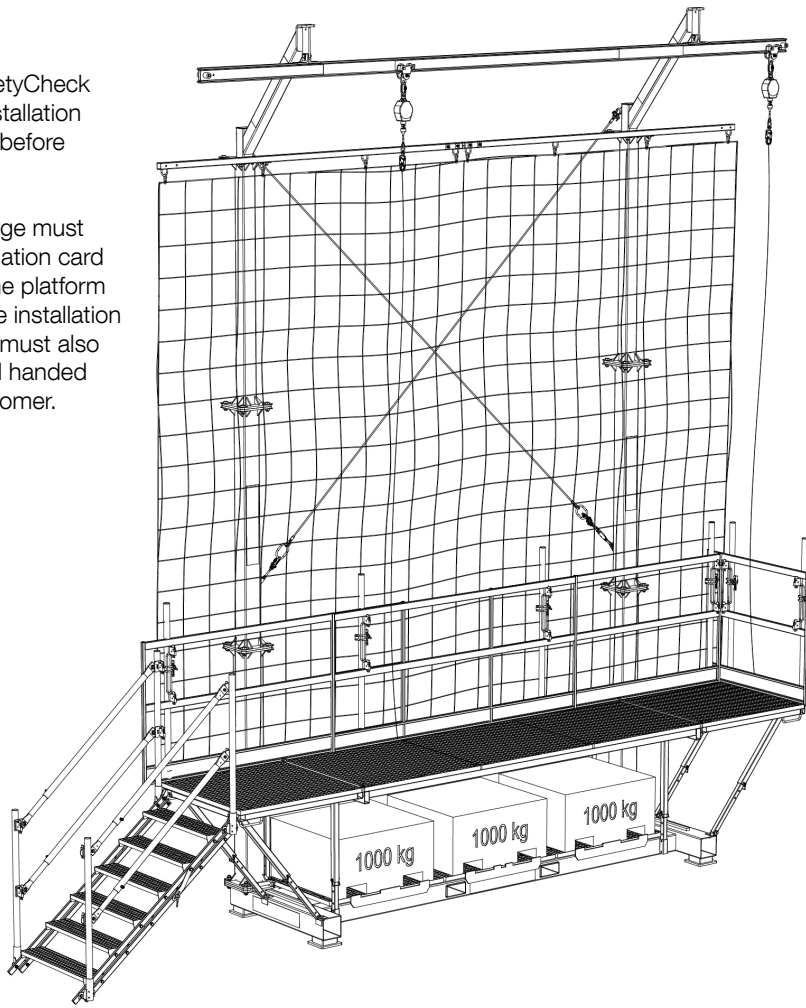




**19.**

Carry out a SafetyCheck according to installation documentation 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.

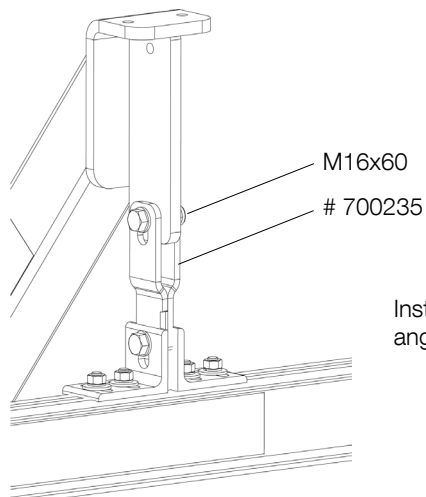


MAX 2

Disassemble the unit in reverse order.

**CONNECTING RAILS**

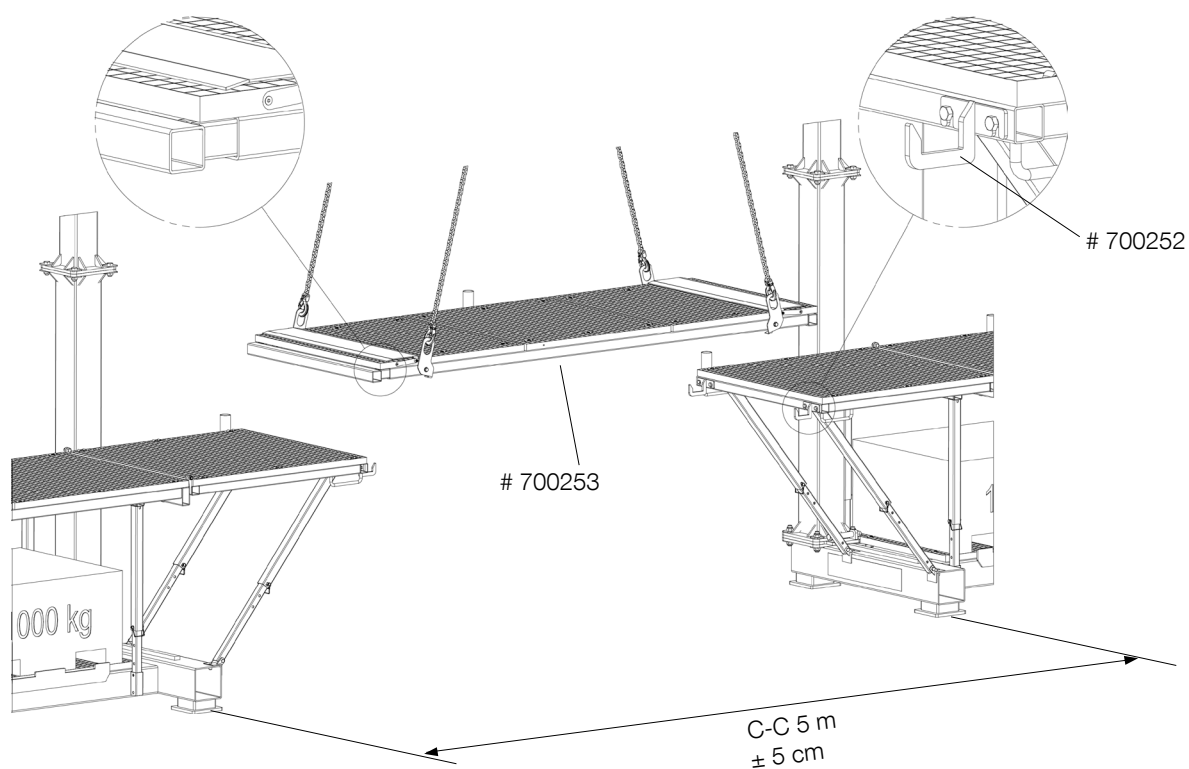
When connecting several units, an extra 3 m rail and an extension platform are mounted between two existing ones. Theoretically, you can build the system as far as you like.

**20.**

Install swivel rail attachment between angle bracket on rail and mast top.

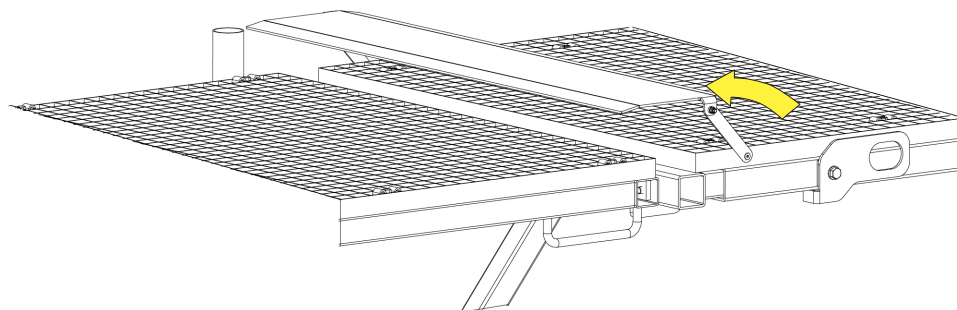
## 21.

Be sure to mount the units so that they line up.  
The extension platform is then lifted into place in the pre-assembled holders.



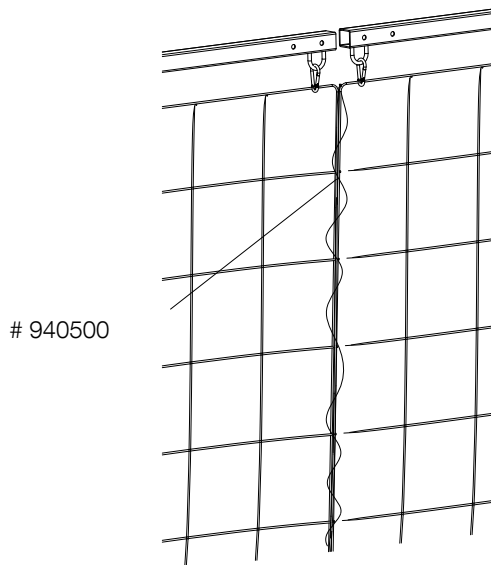
## 22.

After the extension platform has been placed in the holders, the deck plate is folded to cover the gap between the platforms.



23.

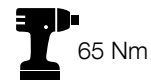
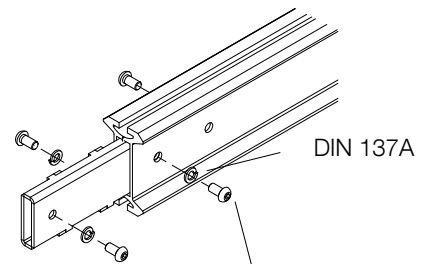
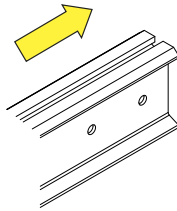
Splice the soft nets together with the Coupling line.



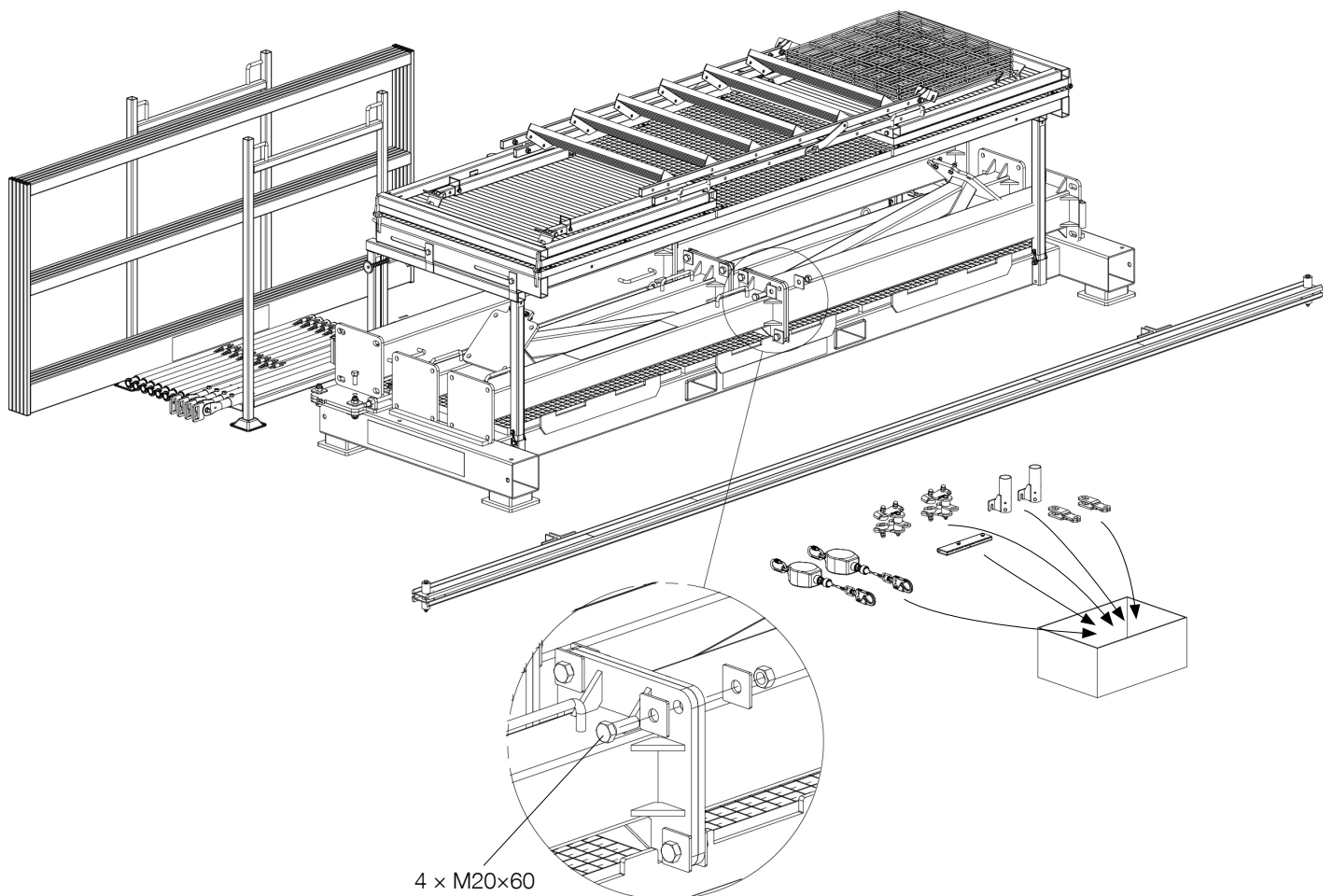
24.

Join rails with Joint.

# 700281



## PACKING



# MAINTENANCE

## INSPECTION

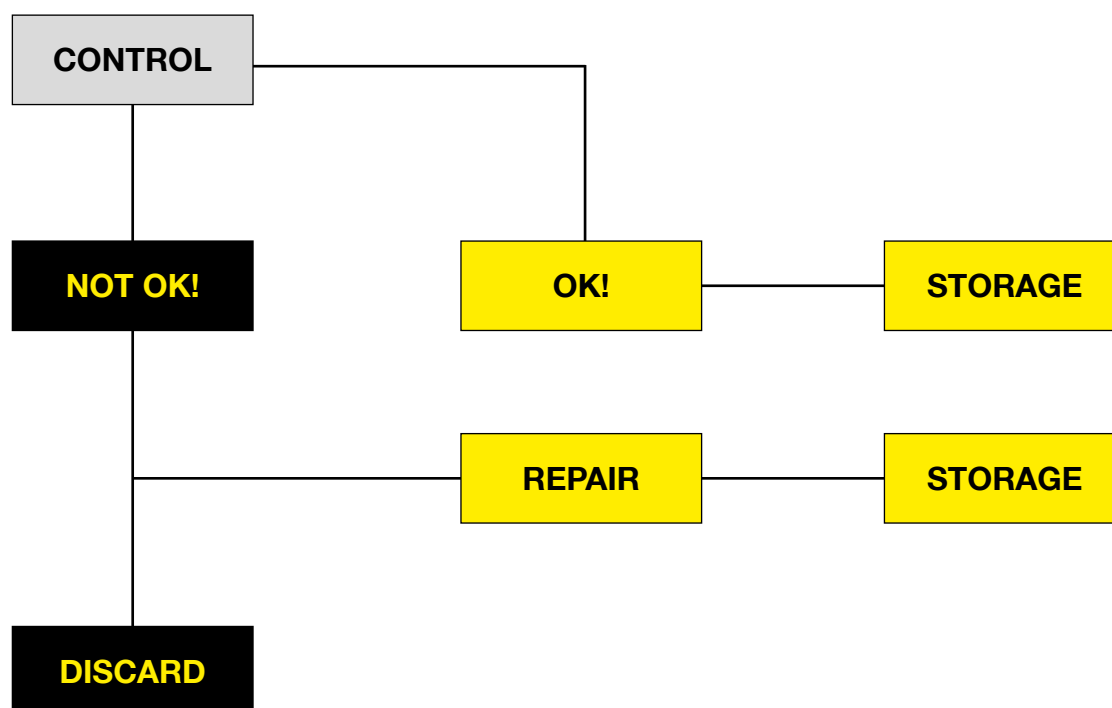
Before each work shift, an ocular inspection must be performed. If there is any doubt of the condition of any components, measures must be taken before any use of the product.

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](https://safetyrespect.com)