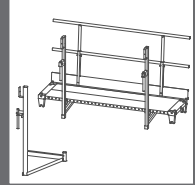


3

CONCRETING WORKING PLATFORM

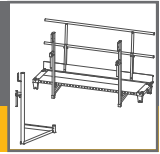
for twin walls – Item No. 320630



ORIGINAL ASSEMBLY INSTRUCTIONS



ROBUSTA
GAUKEL



1. General Safety Instructions

1.1. General

- This assembly manual contains information for the correct assembly and proper use of the products described below
- In addition, country-specific rules and regulations must be observed. Furthermore, specific site hazards must be considered during assembly.

In case of uncertainties or questions, please consult ROBUSTA-GAUKEL.

- The depicted assembly states are to be understood as exemplary intermediate states; therefore, they may not always be completely correct from a safety perspective. In general, the regulations of the accident prevention regulations (Health and Safety Executive or equivalent) must always be observed.
- Unauthorized modifications to the components are not permitted. In case of deviations from this manual or any extended use, explicit approval from us is required. In such instances, we kindly request you to consult with the technical department of ROBUSTA-GAUKEL Company.
- ROBUSTA-GAUKEL is responsible for ensuring that a hard copy of this manual is available at the deployment site. The safety of the workforce in specific on-site situations is also the responsibility of ROBUSTA-GAUKEL. In addition to this manual, a general risk assessment has been conducted by ROBUSTA-GAUKEL; however, the on-site team must perform a risk assessment, taking into account the conditions and circumstances at the respective deployment sites. During assembly or installation, adherence to the hierarchy of measures outlined in the Occupational Safety and Health Act is mandatory.

1.2 Copyright

- This documentation is protected by copyright. Any use or modification outside the narrow limits of copyright law is prohibited and constitutes an offense without the consent of ROBUSTA-GAUKEL GMBH & CO.KG..

1.3 Qualified and Authorized Persons

- Individuals who are qualified and authorized, based on their education and training, possess the capability to execute their designated tasks in accordance with technical standards while adhering to safety requirements. The on-site team is responsible for identifying such individuals

1.4 Warranty Claims

- ROBUSTA-GAUKEL assumes no liability for damages:
 - In case of improper use/operation
 - When used in combination with accessories or fastening parts not supplied by ROBUSTA-GAUKEL
 - In case of modifications to components and unauthorized alterations
 - In the event of improper assembly, maintenance, inspection, and upkeep
 - When using parts that are not original components
 - When operated by non-qualified and unauthorized individuals
 - Towards third parties

1.5. Checks

- The functionality of the product must be tested before assembly by a qualified and authorized person.
- All parts must be carefully inspected for damage or any other capacity-reducing impairments and replaced if necessary.
- The components and correct assembly must be regularly checked by a qualified and authorized person, adhering to this manual.
- Non-functional or damaged material must be stored and marked in a way that further use is precluded!
Only original parts from ROBUSTA-GAUKEL are to be used.
- Illegible stickers or nameplates must be replaced!



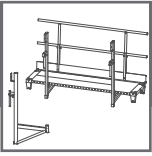
Important notice
for special
attention



Visual inspection



Lifting points for
crane transport



2. Intended use

This system is designed to create a secure platform with side or back protection for the safe filling of cavity walls. The system includes a front-insertable side protection frame and adjustable STAFE inclined stairs and stairs for safe ascent.

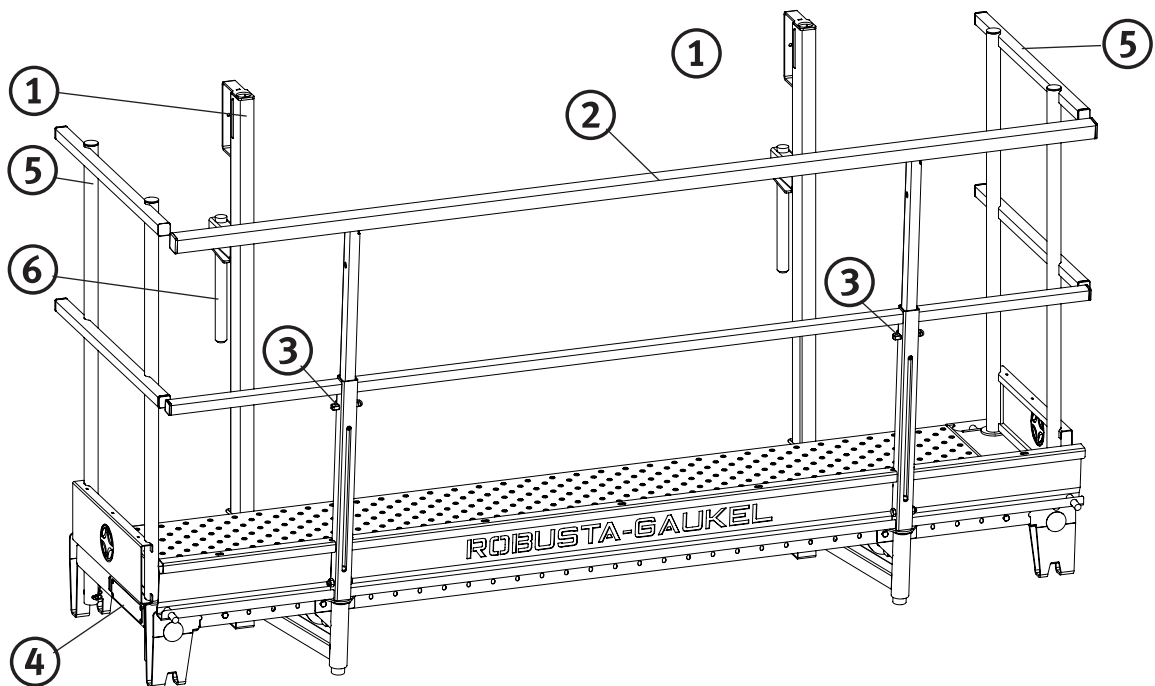
The platforms are easily attached by hooking onto the inner or outer shell of the cavity wall. Anchors are not required for installation. The walking surface is positioned 60 cm lower than the console's hanging point after assembly.

To achieve the prescribed side protection with a height of 1 m, a board measuring 15 x 3 cm (sorting class S10) is inserted into the brackets on the upper side of the consoles. The walking surface provides high stability due to the upward-facing knobs, achieving excellent slip resistance in the R11 rating group and good drainage through numerous openings.

Delivery is made in a folded state with telescopic back protection in place. The entire platform is galvanized for durability.

IMPORTANT:

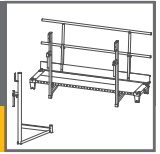
Before hanging the platforms, mount the PVC installation kit on the hanging pins, as the platform cannot be removed after the concrete process, as the hanging pins will be stuck in the hardened concrete



Concreting working platform, steel decking, galvanized, complete with rear side protection

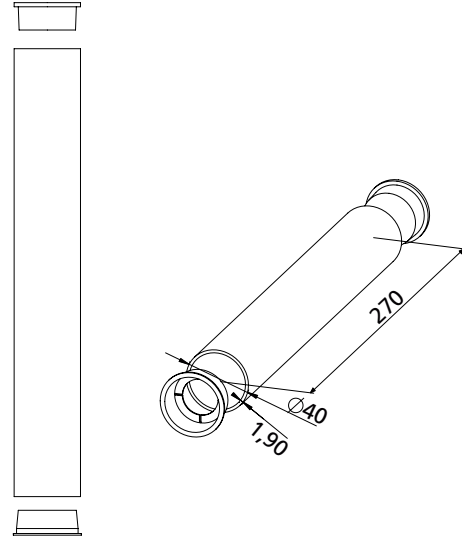
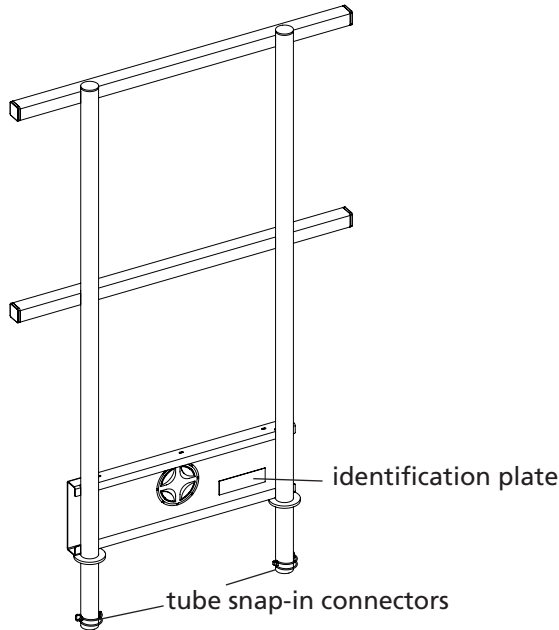
Name	Weight. [kg/unit]	Item No.
Platform fully assembled, consisting of 2 brackets with steel decking, fall protection for the rear side, consisting of a steel frame, telescopic, and tube snap-in connectors safety brackets for secure assembly included in delivery	100.0	320630

Position	Quant.
① Consoles connected with hanging in core, foldable, with non-slip steel flore	2
② Telescopic back connection Item No. 320650	1
③ Tube snap-in connectors, captive, for securing the side protection/back protection	2 each
④ Identification plate	1
⑤ optional: side protection railing for front side	
⑥ holder for savety board	2



2.1. Side protection railing for the front side, alternatively usable when ascending the cavity wall platform at the rear

They are applied to the open front sides of the first and last platform. They are also gradually needed during the assembly and disassembly phases, ensuring that all open edges are always secured. When ascending the platform at the rear, the telescopic back protection is removed and replaced by an adapter rail and 2 front-side protection railings.

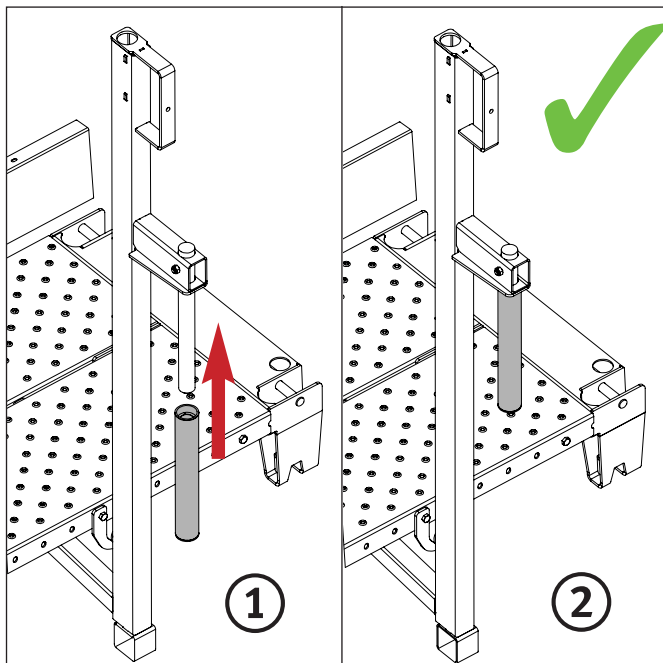


Side protection railing for the front side

Weight [kg/unit.]	Item No.
9.52	320660

Plastic installation-kit with special plug

Weight approx. [kg/unit]	Item No.
0.05	320699

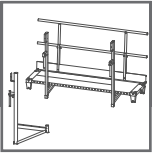


Just before hanging the platforms with the crane, the corresponding PVC installation kits with special covers must be slid onto the hanging pins so that the platforms can be easily removed later. In the next step, these installation kits serve as receptacles for securing the building perimeter with railing holders.



CAUTION:

If this step is forgotten, there is a risk that the pins will be stuck in hardened concrete, making it impossible to remove the platforms! To avoid major damage, the hanging pin is not permanently welded but connected to the bracket with a safety pin. To detach the pin from the bracket, simply remove the pin.



2.2.Safe Access

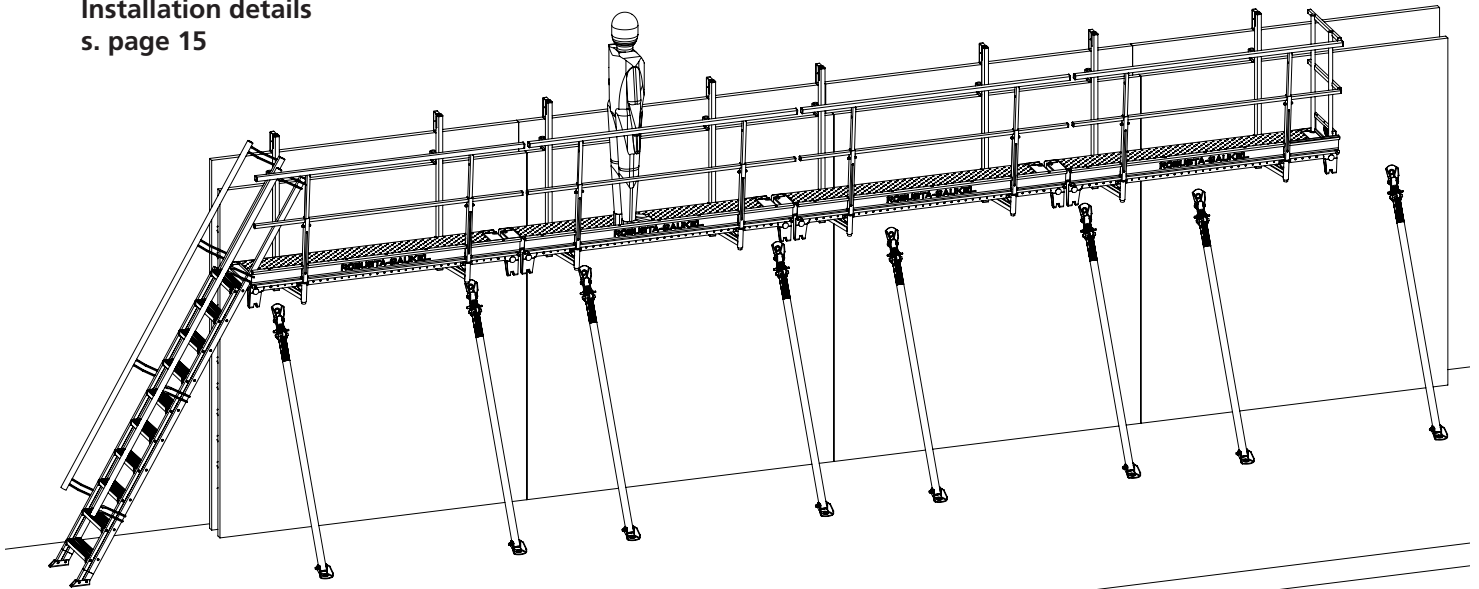
There are two options available to ensure a safe ascent, depending on the local space conditions adjacent to the structures

Ascent at the front side with

STAFE steep stairs

Installation details

s. page 15

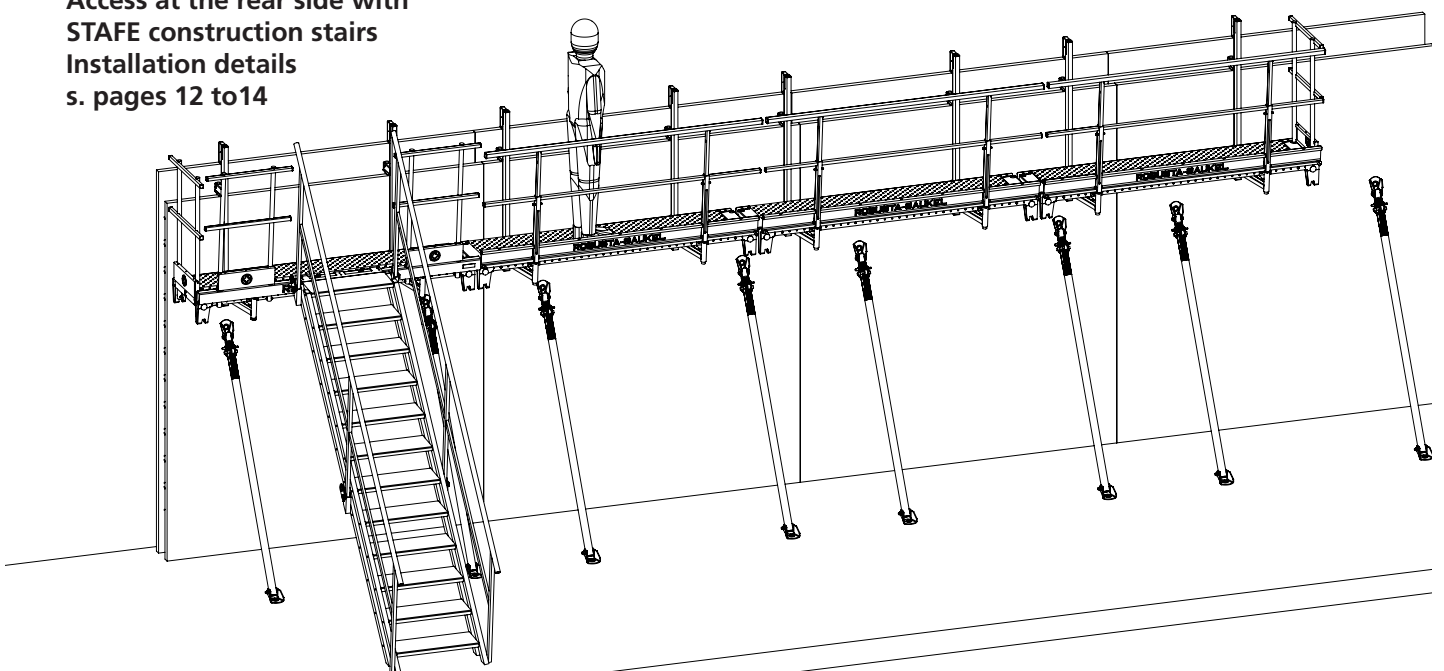


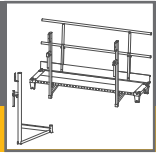
Access at the rear side with

STAFE construction stairs

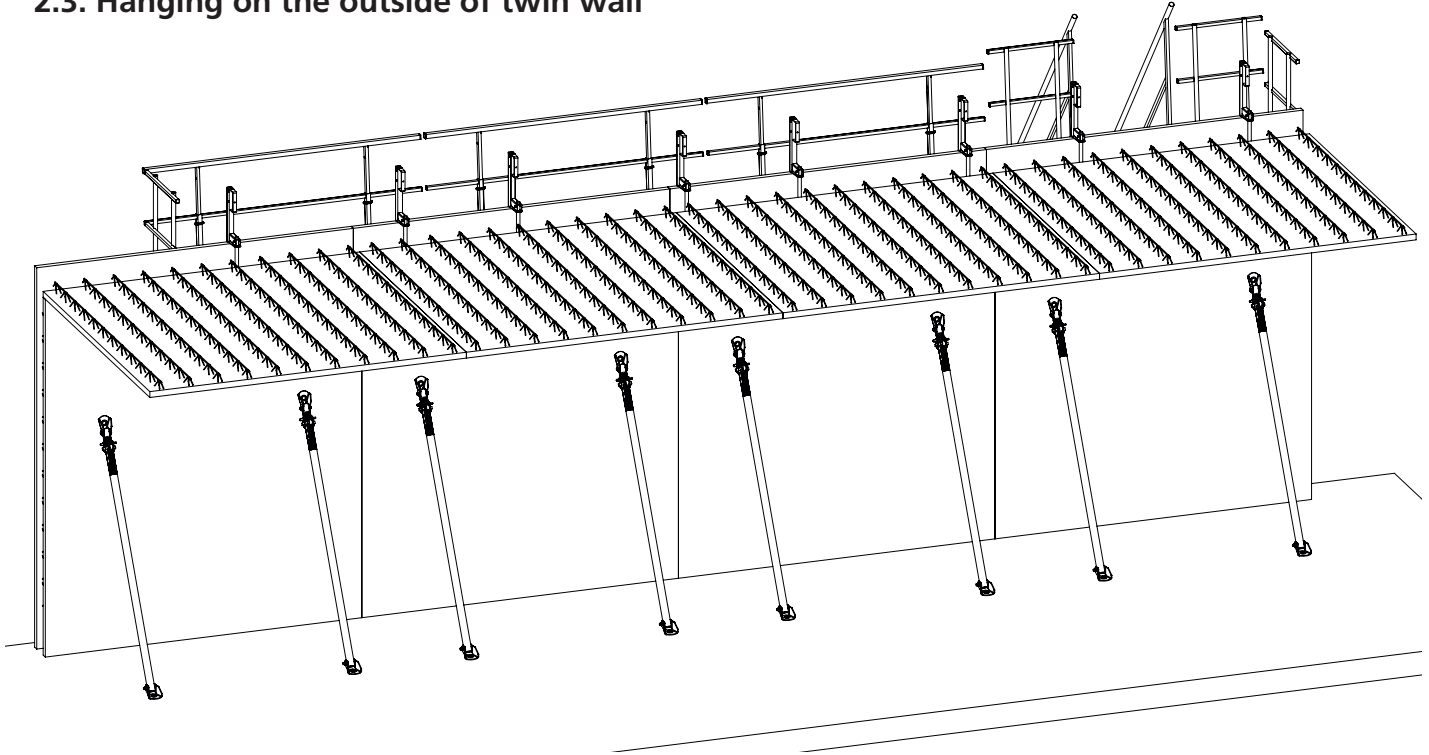
Installation details

s. pages 12 to 14

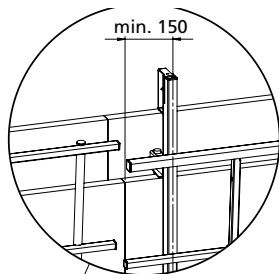




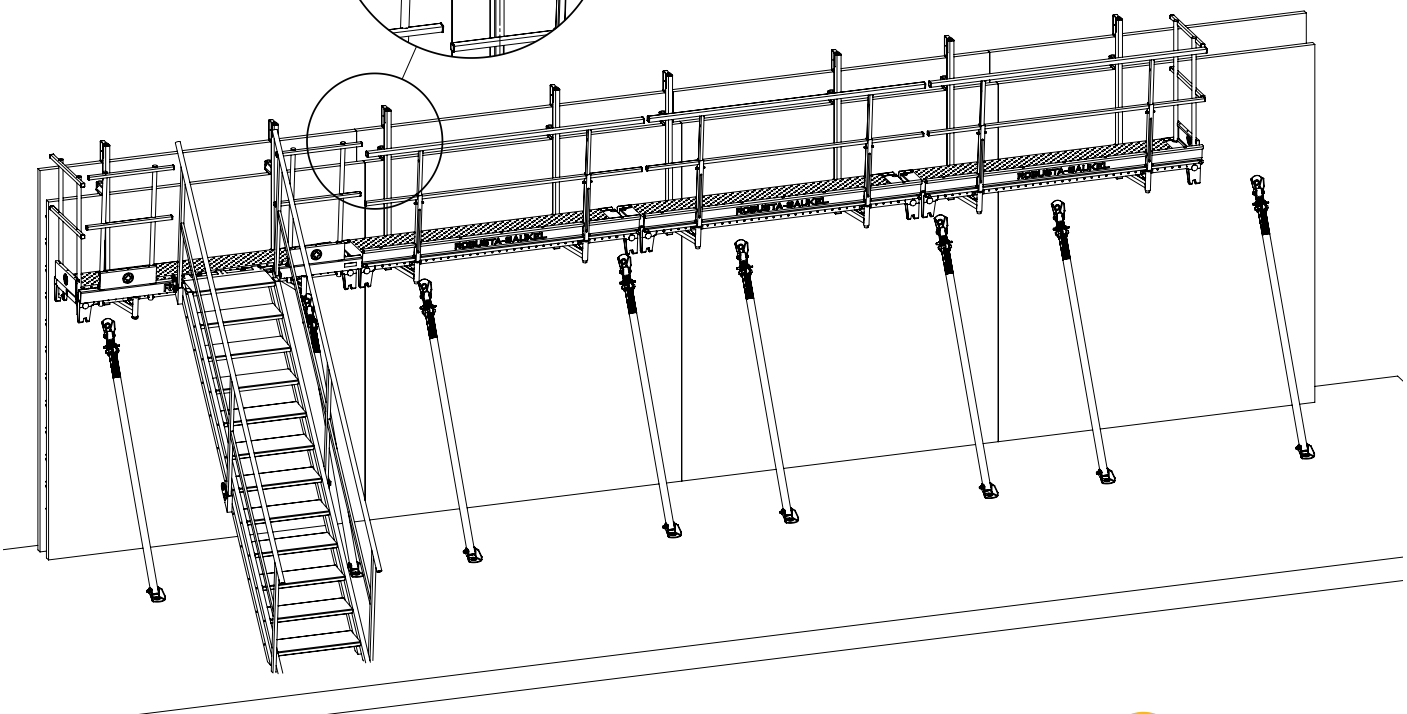
2.3. Hanging on the outside of twin wall

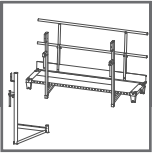


2.3. Hanging on the inside of twin wall



Distance to vertical joint greater than 15 cm





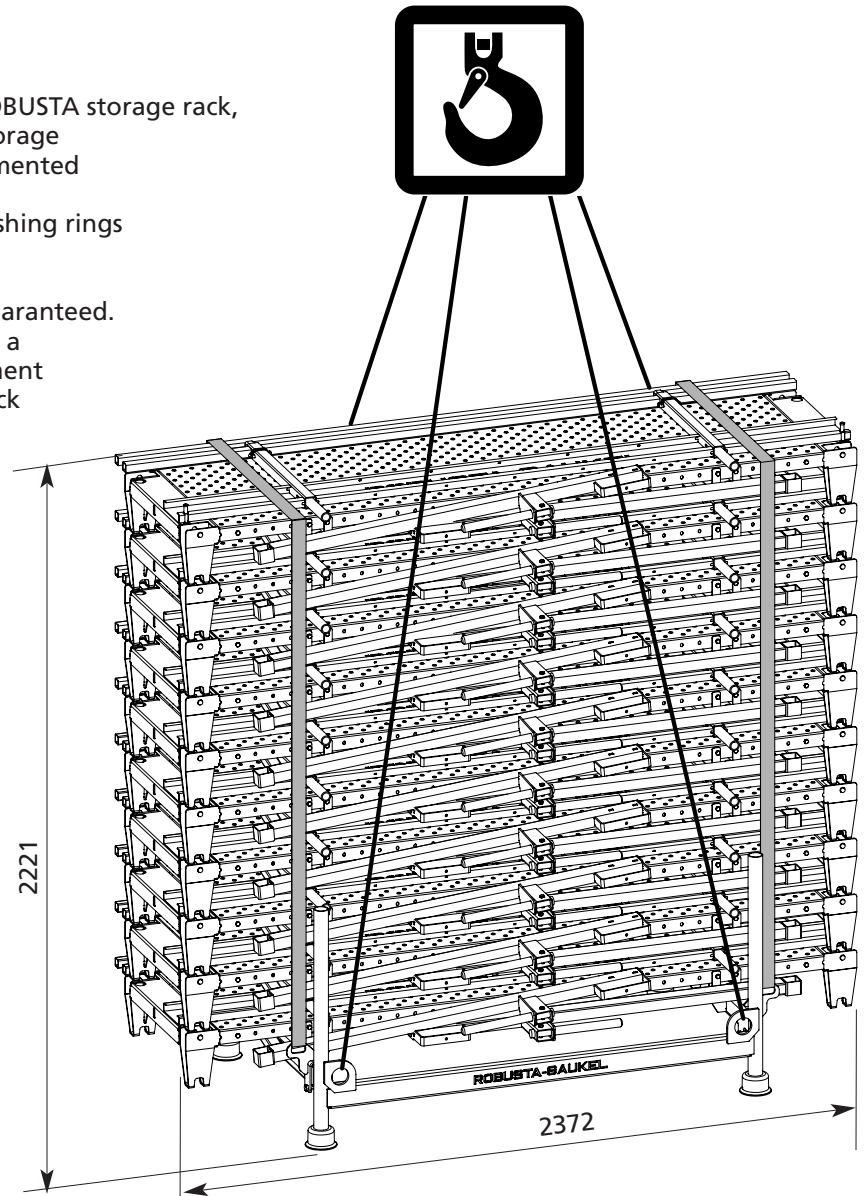
3. Delivery

Up to 10 platforms are stacked in the ROBUSTA storage rack, reinforced version. To ensure the safe storage of the platform stack, the rack is supplemented with 2 stacking adapters.

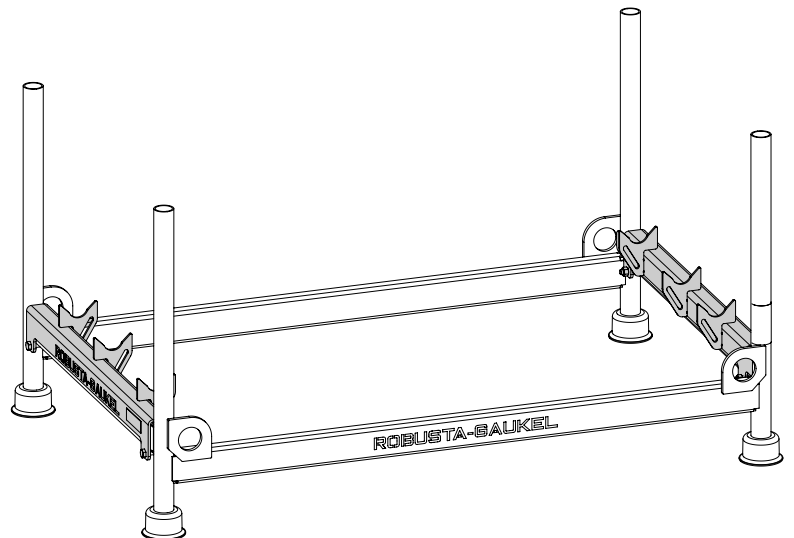
Additionally, these are equipped with lashing rings for secure connecting/packaging with appropriately sturdy straps.

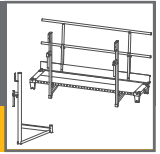
In this state, safe transport by truck is guaranteed.

The stack can also be securely hoisted by a 4-point crane attachment at the attachment points of the rack. Always secure the stack with tension straps or packaging tape to the existing lashing rings.



Storage rack with attached adapters for platform placement

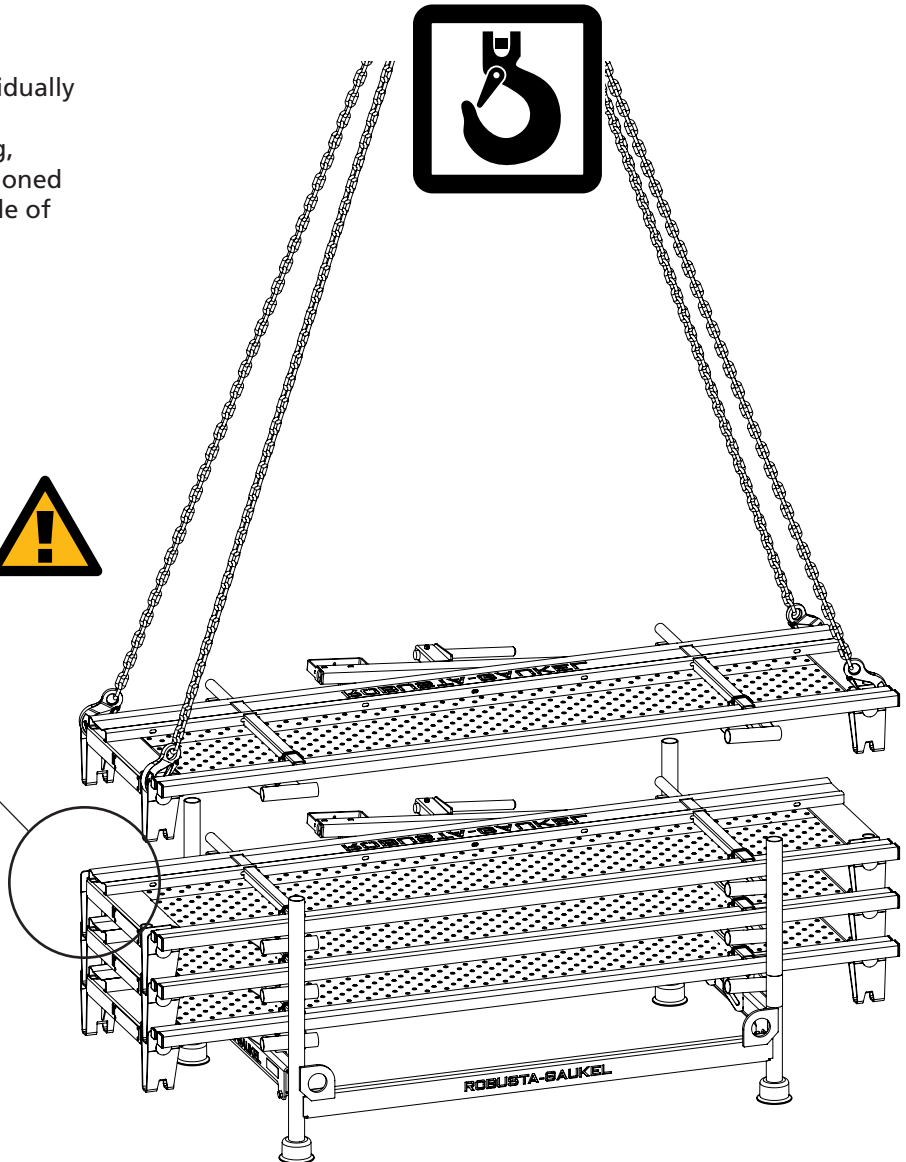
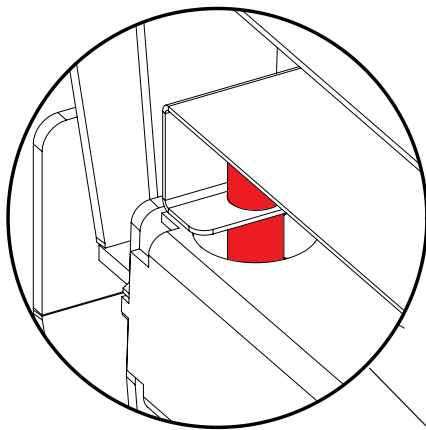




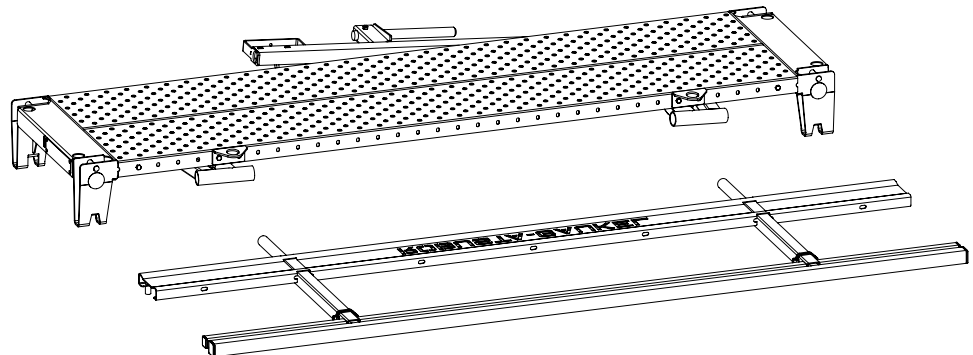
4. Assembly

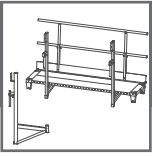
Using the crane, the platforms are individually lifted from the stacks.

Detail: To prevent unintentional slipping, the side protection frame must be positioned so that the safety pin engages in the hole of the front enclosure.

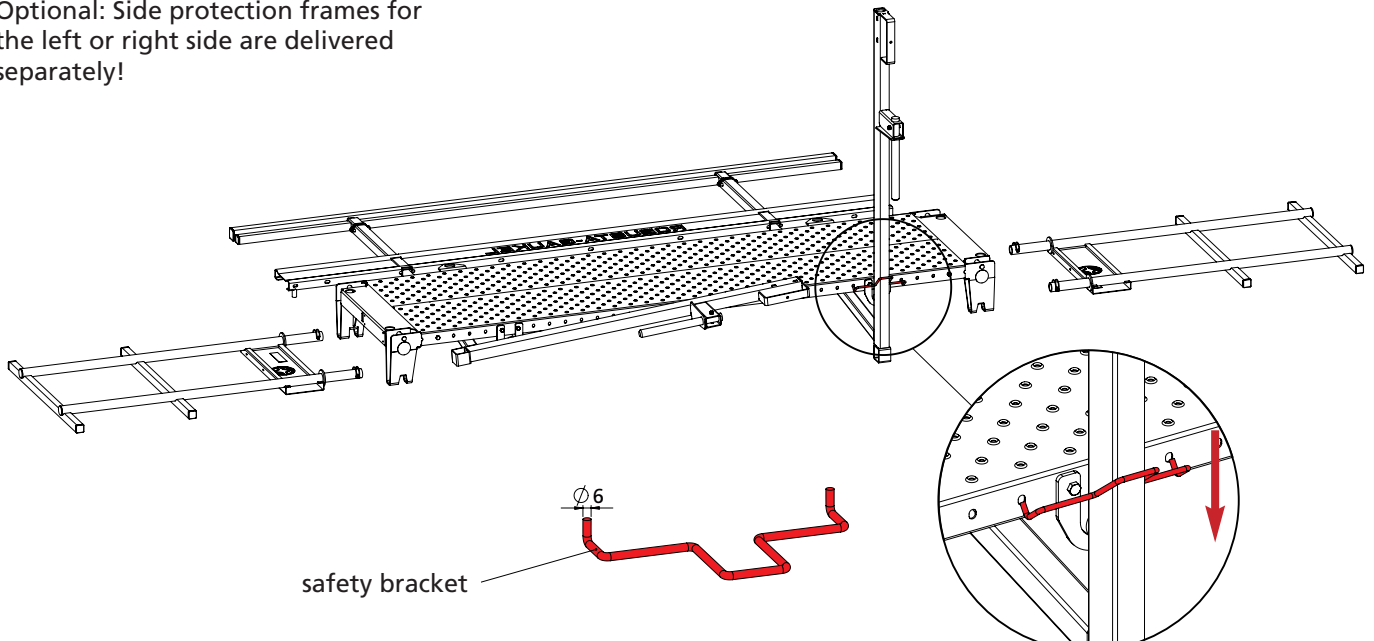


Lift the back protection steel frame and place it on the ground (W=30 kg)



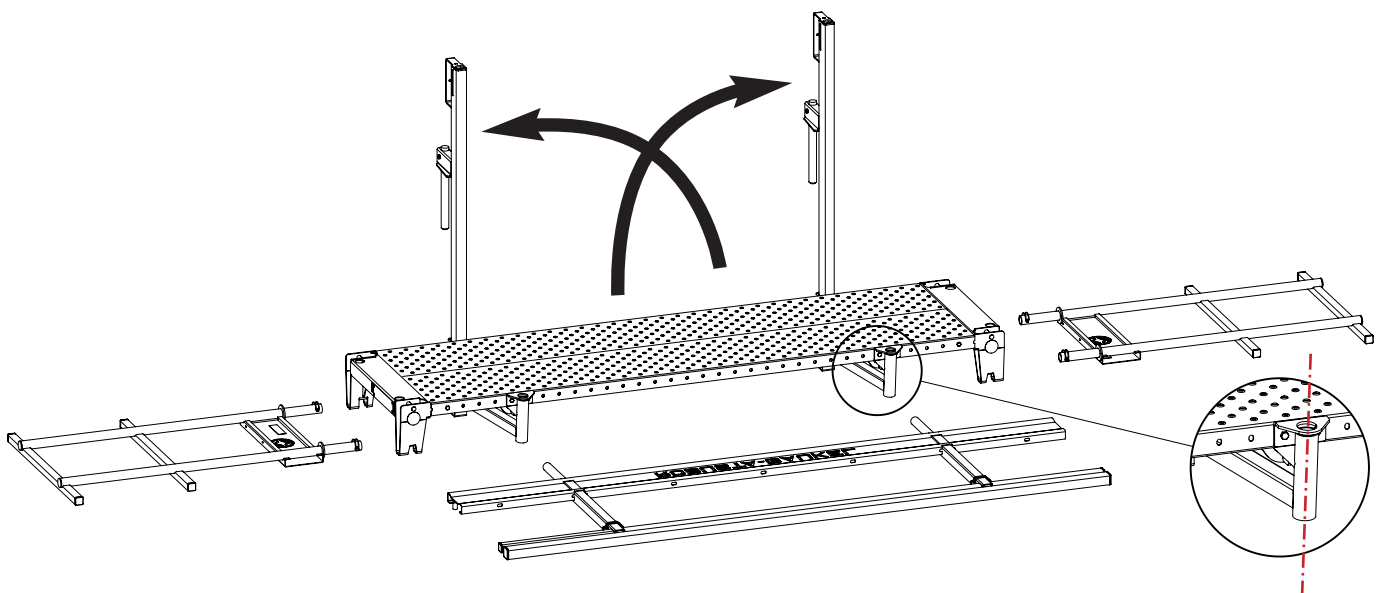


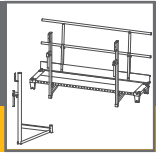
Optional: Side protection frames for the left or right side are delivered separately!



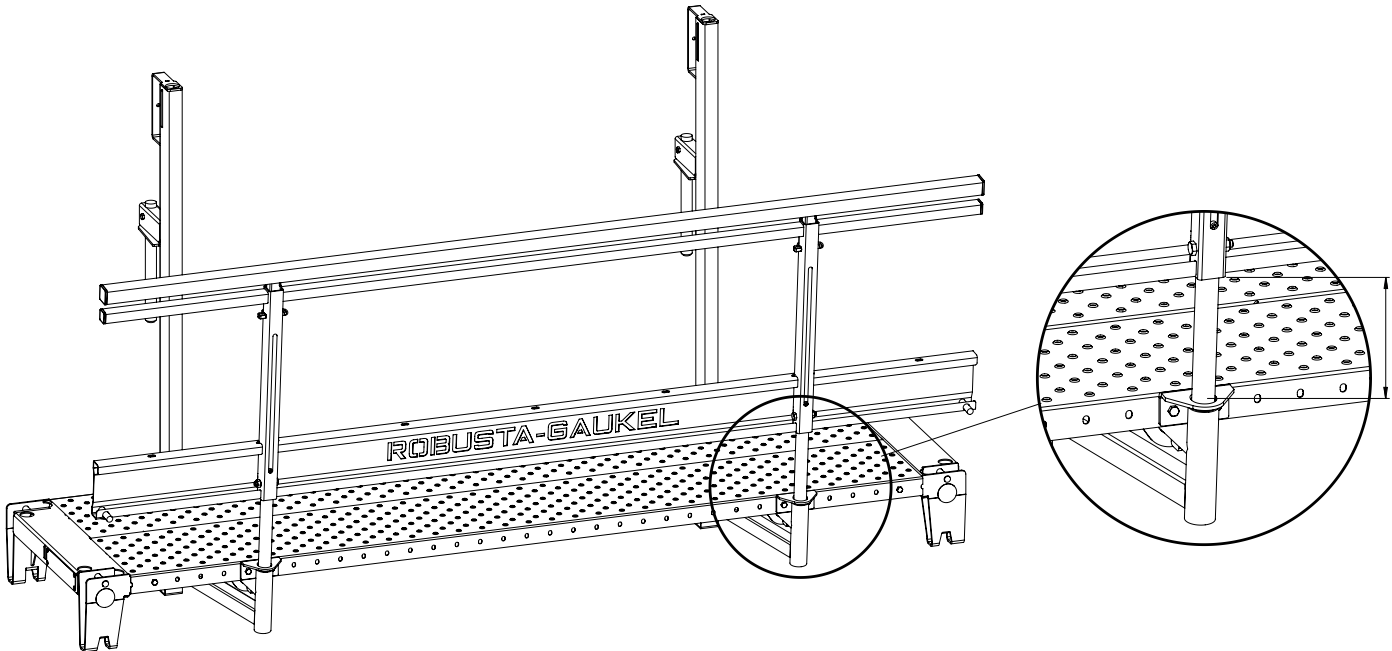
The consoles must be secured in the upright position to prevent accidental tipping. To do this, the supplied safety bracket is slid diagonally from above over the console, and the two upward-facing ends are inserted into the side holes of the walkboards. Then swing the bracket downward, causing it to hook into the holes and secure against slipping out. After inserting the back protection, remove the two safety brackets and continue using them.

Next, fold each bracket outward until the insertion tube of the bracket aligns with the retaining bracket on the platform or is correctly perpendicular.

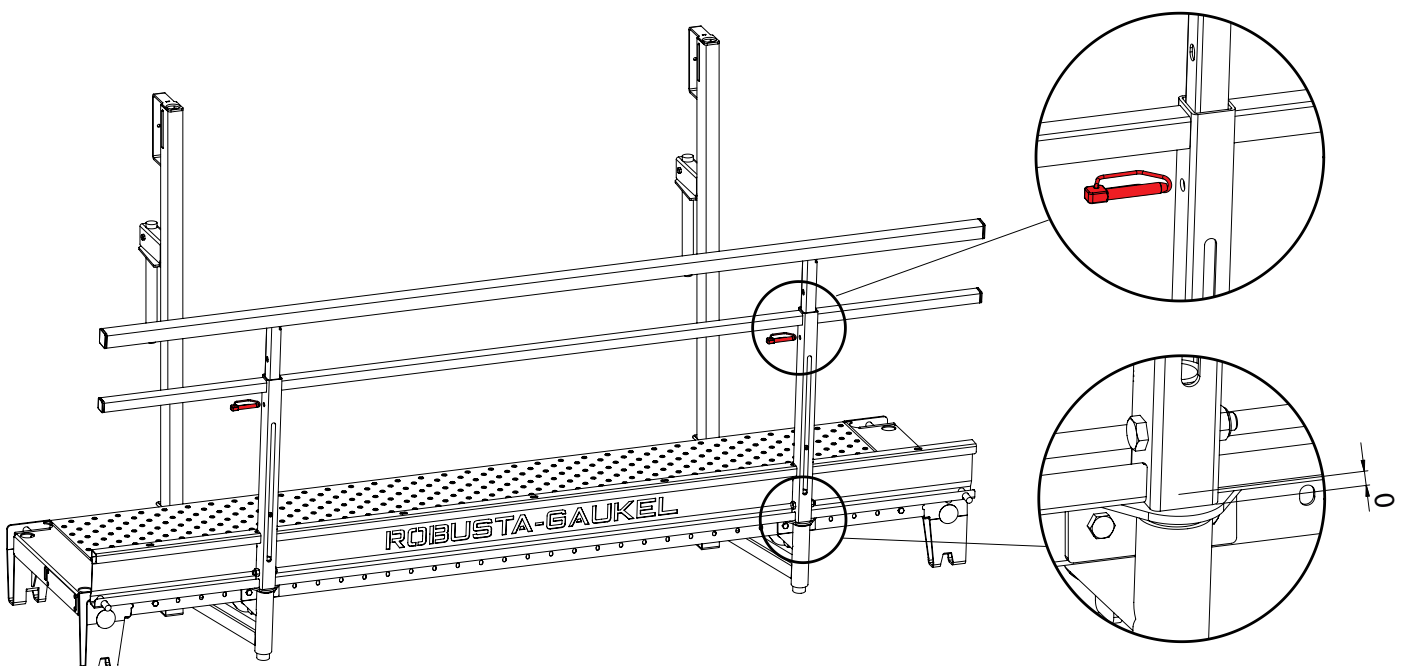


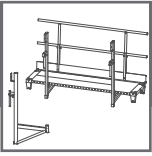
**NOTE:**

For the first platform, instead of the telescopic back protection, the adapter rail for stair attachment must be installed (see steps on page 12 ff.).



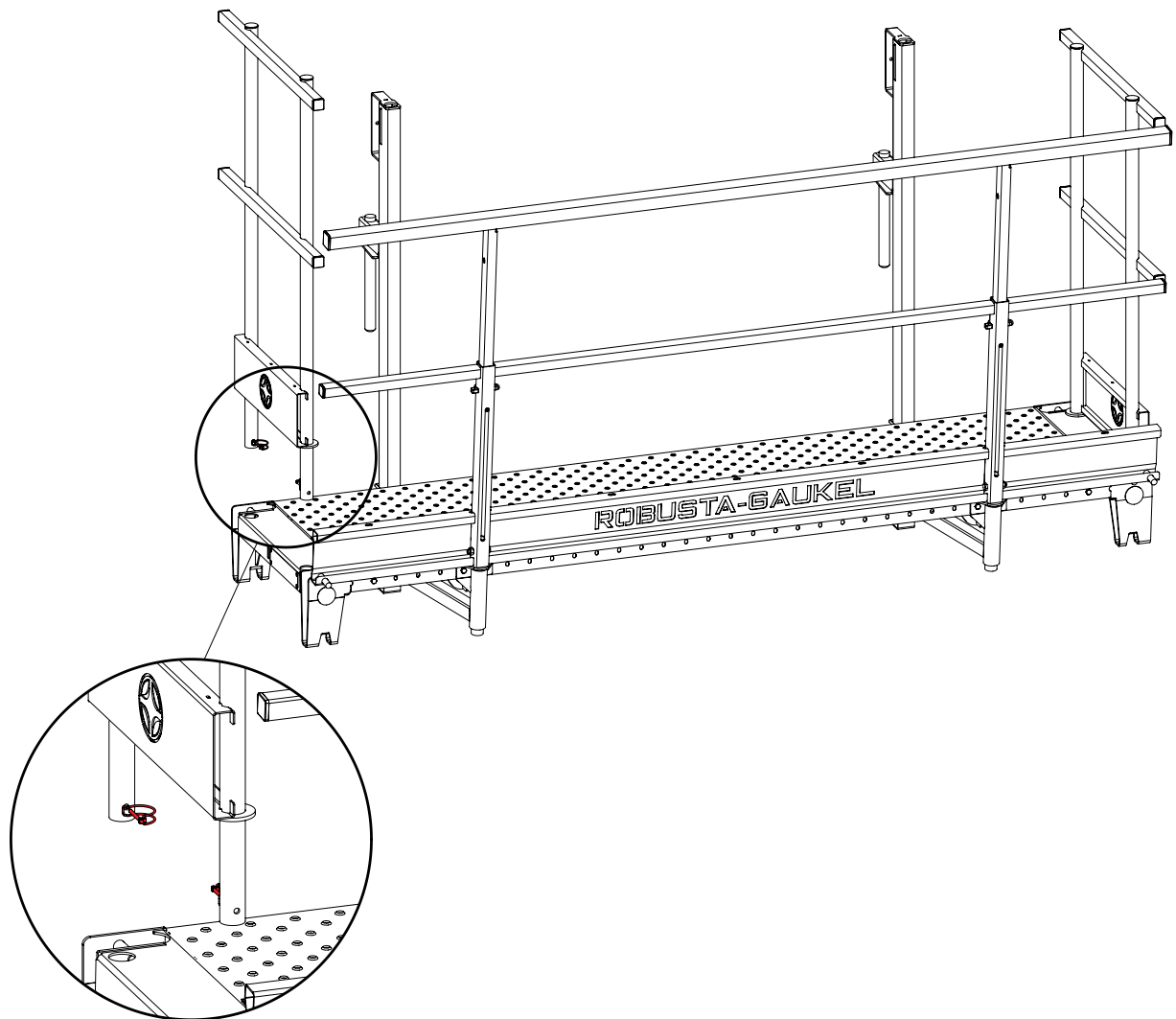
Remove both tube snap-in connectors and pull the upper part of the steel back protection upwards, then secure it again with the tube snap-in connectors. The platform is now fully assembled and ready for use.

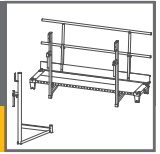




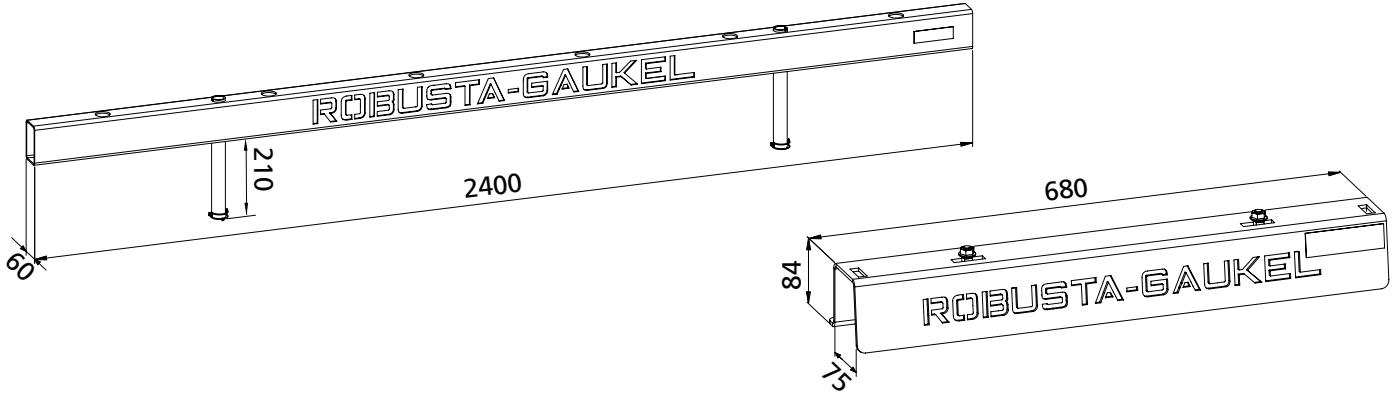
4.1. Assembly of the side protection railings

For the frontal securing of the stage, we provide side protection railings. During assembly, it should be noted that the side protection on the side where additional platforms are subsequently hung should not be secured so that it can be moved during the assembly work.





4.2. Installation for rear access with adapterrail and stairway-angle for STAFE construction stairs

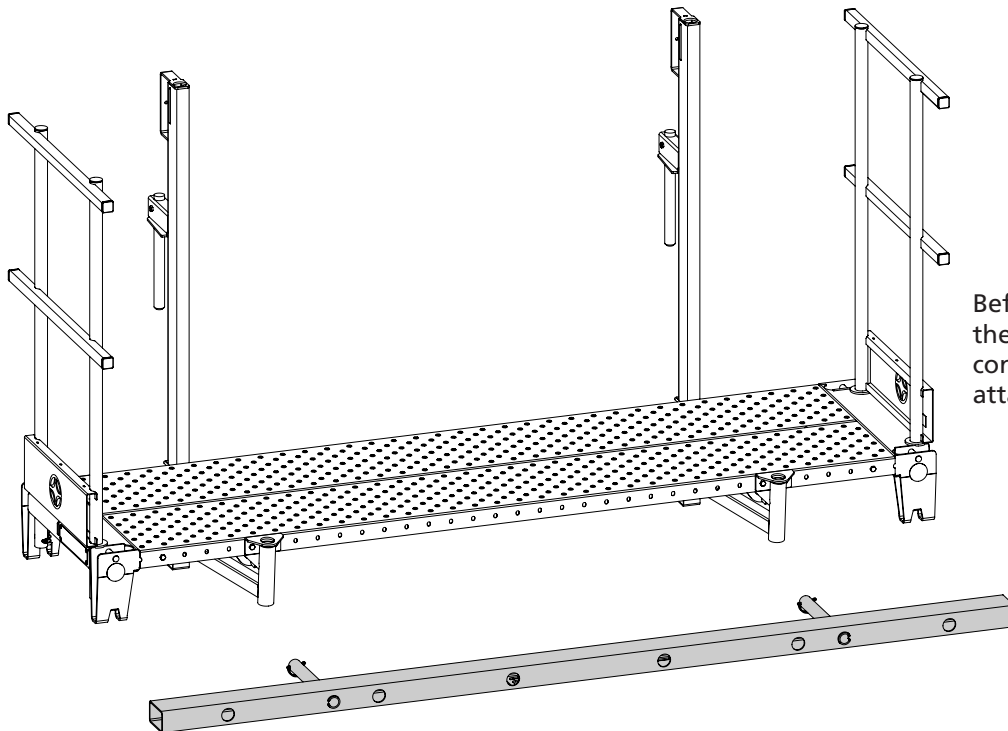


STAFE adapterrail

STAFE stairway-angle

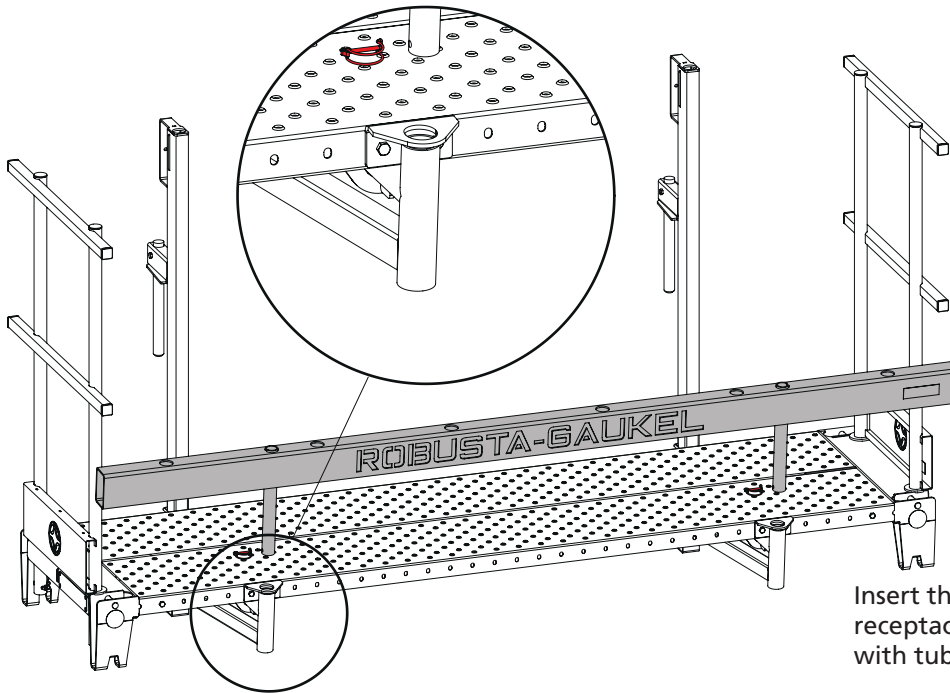
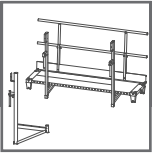
Weight [kg/unit]	Item No.
23.0	320672

Weight [kg/unit]	Item No.
4.0	320675

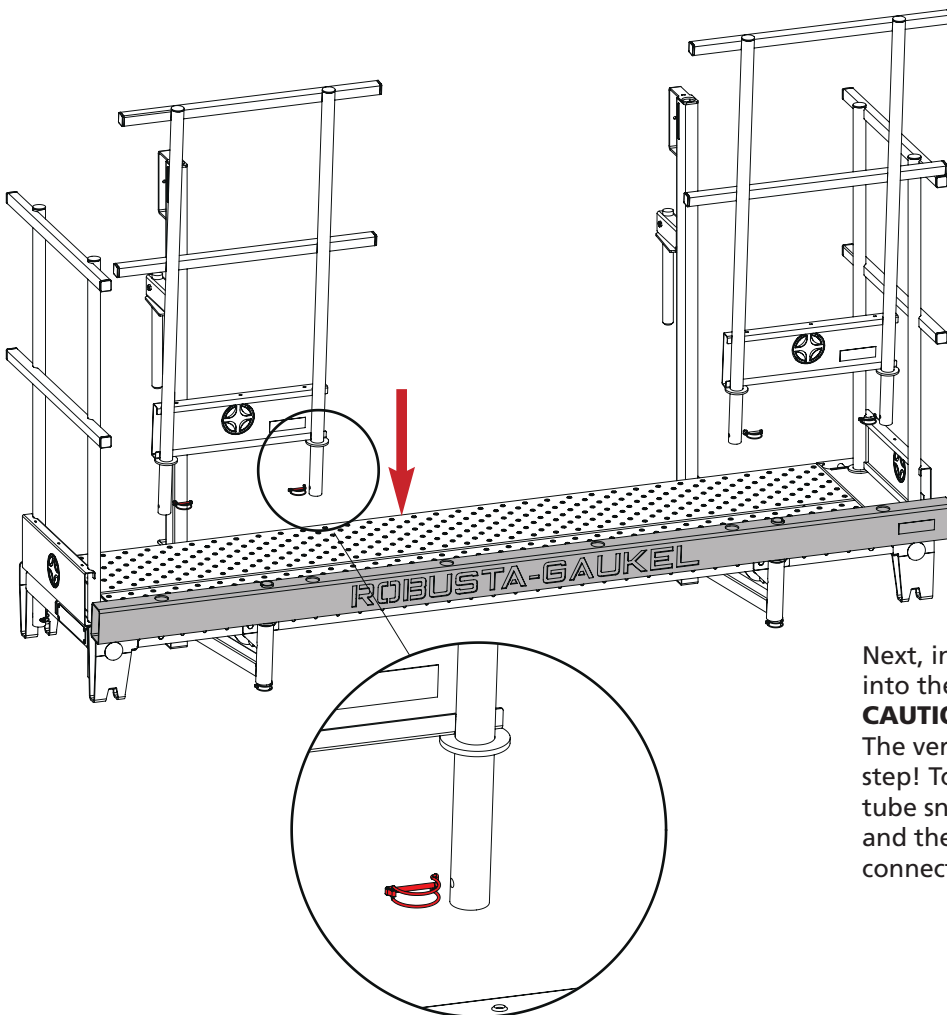


Before hanging the first platform, the adapterrail for the construction stairs must be attached.

Adapterrail for placing the construction stairs on the rear side of the platform. The rail has no specific orientation; it can be inserted in any direction.



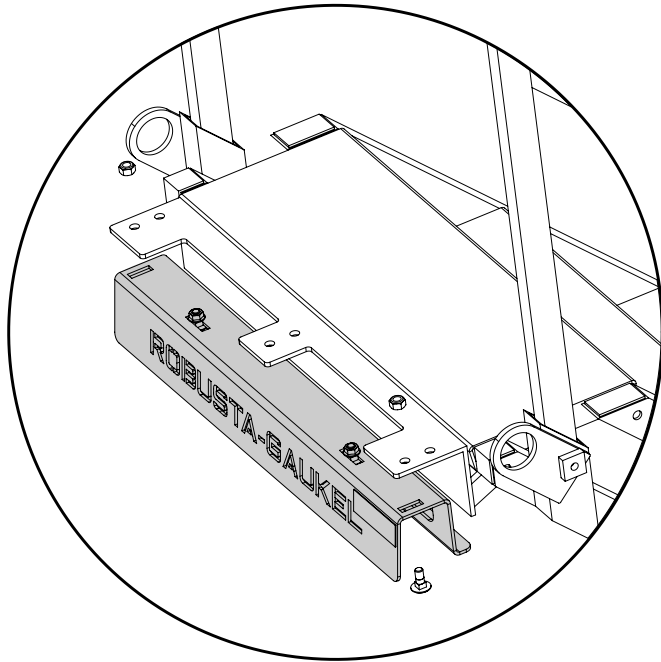
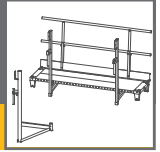
Insert the adapterrail into the brackets' receptacles and secure each insertion tube with tube snap-in connectors.



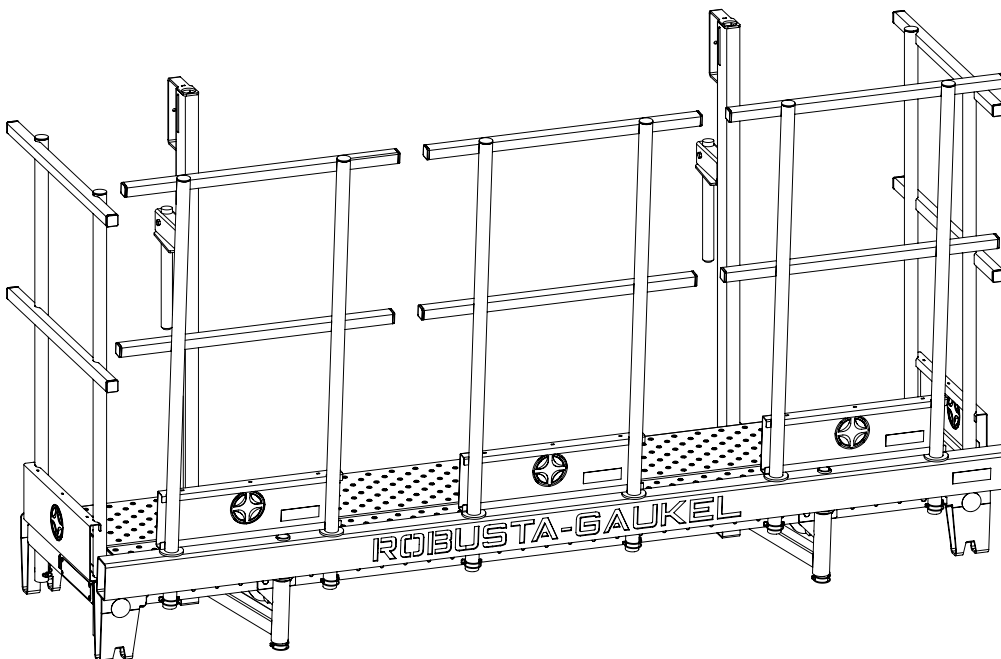
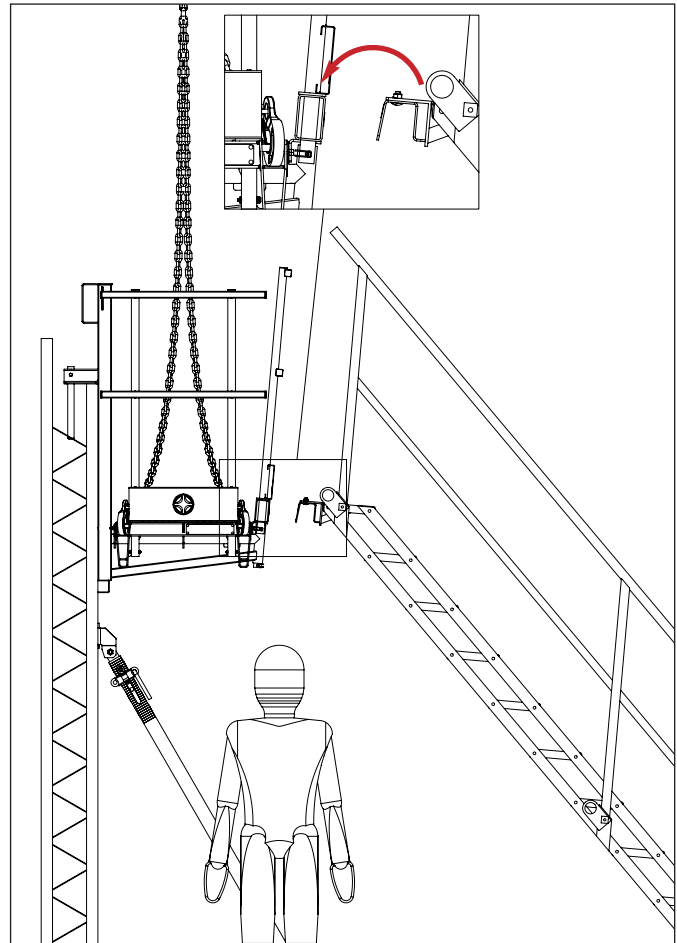
Next, insert the side protection elements into the connection rail.

CAUTION:

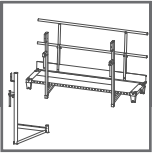
The vertical posts must face outward in this step! To do this, release and remove the tube snap-in connectors, insert the element, and then secure it again with tube snap-in connectors.



Side view:
Attach STAFE-stairway angle to the construction stairs
(screws included) and then hang it on the adapterrail.

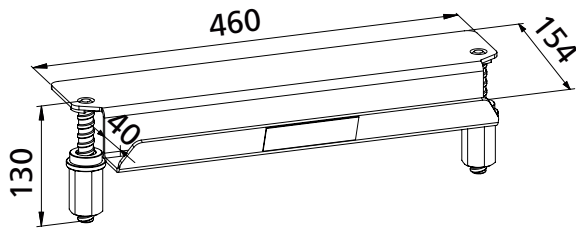


After dismantling the stairway,
the gap can be closed with a
third side protection element.



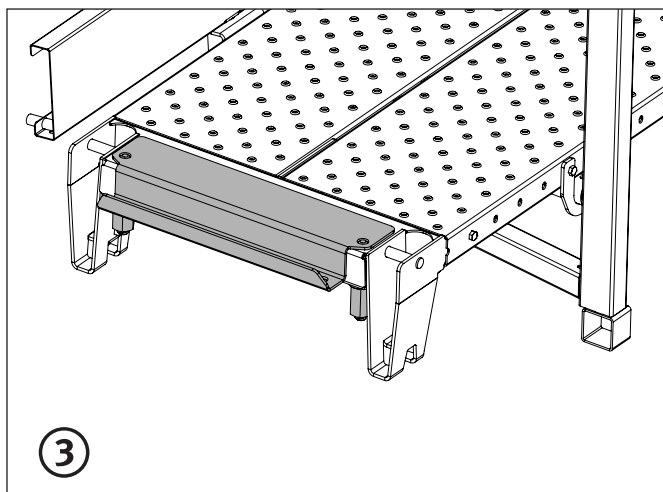
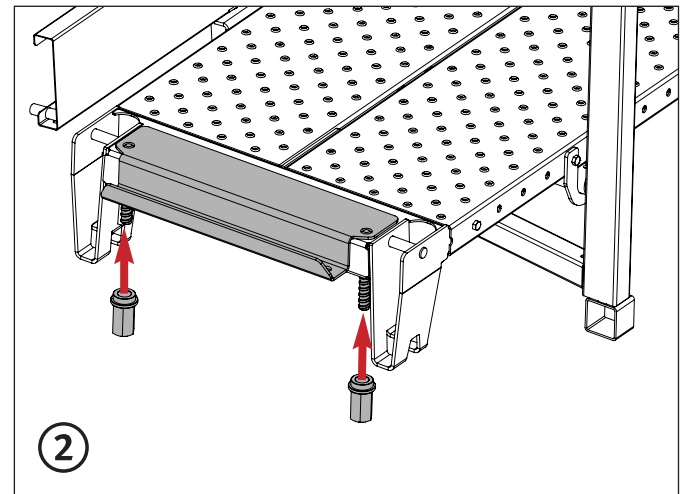
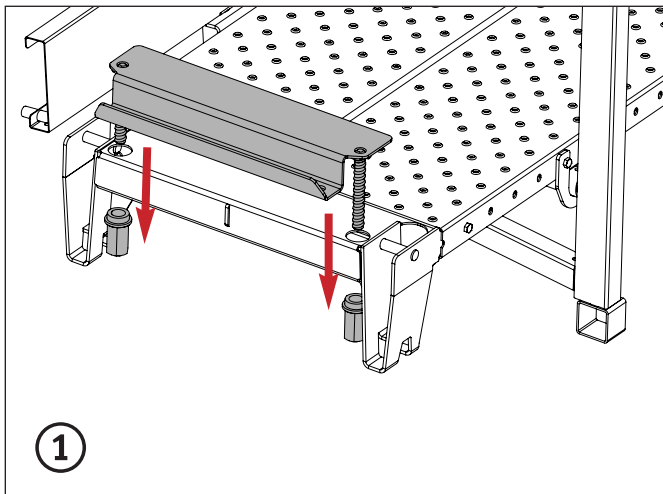
4.3. Installation for frontal access with adapter for STAFE steep stairs

Before installation at the first platform the adapter for the steep stairs must be fixed to the platform.

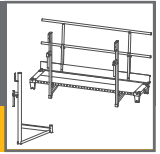


Adapter for fixing STAFE steep stairs

Weight [kg/unit]	Item No.
4.00	320670



- ① Insert the adapter through the provided holes on the side of working platform
- ② Screw in hexagonal bolts
- ③ Tighten hexagonal bolts and hang in step stairways after hanging in the working platform

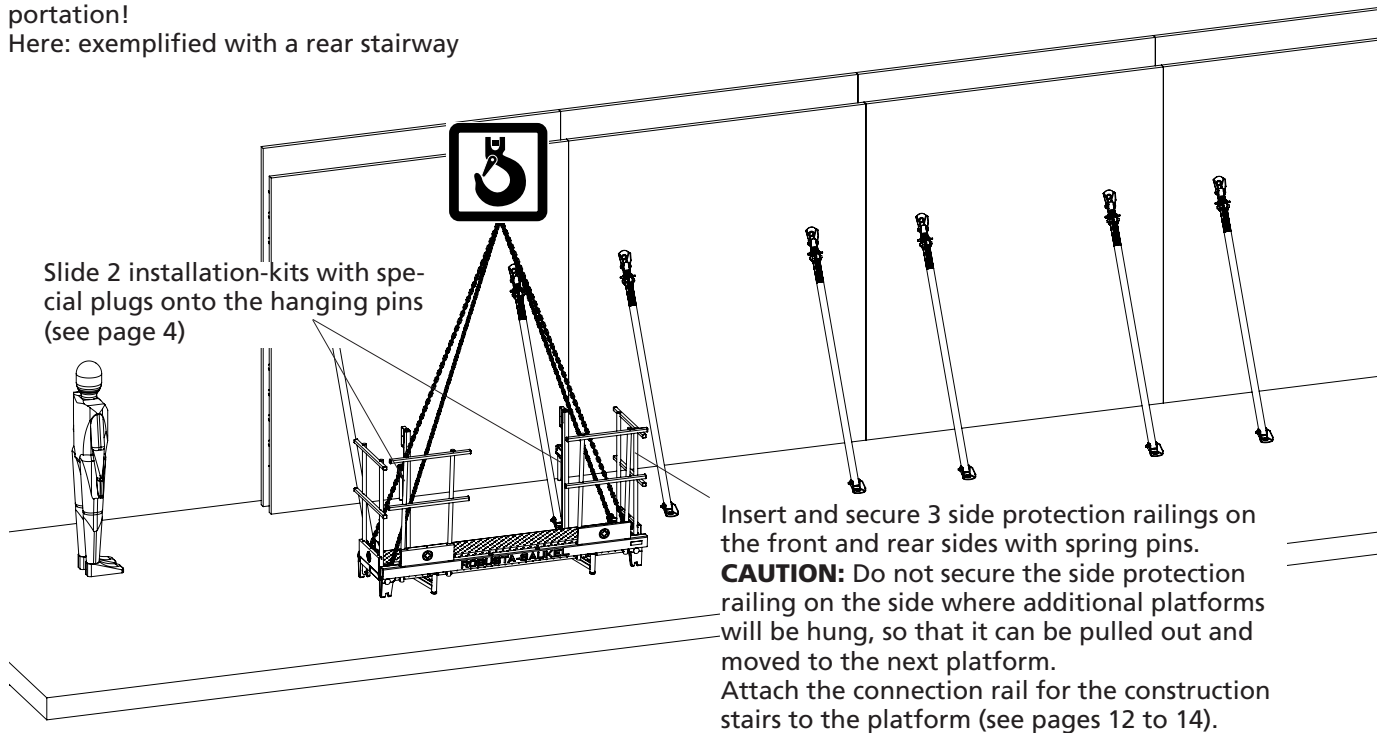


5. Hanging the working-platforms at twin walls

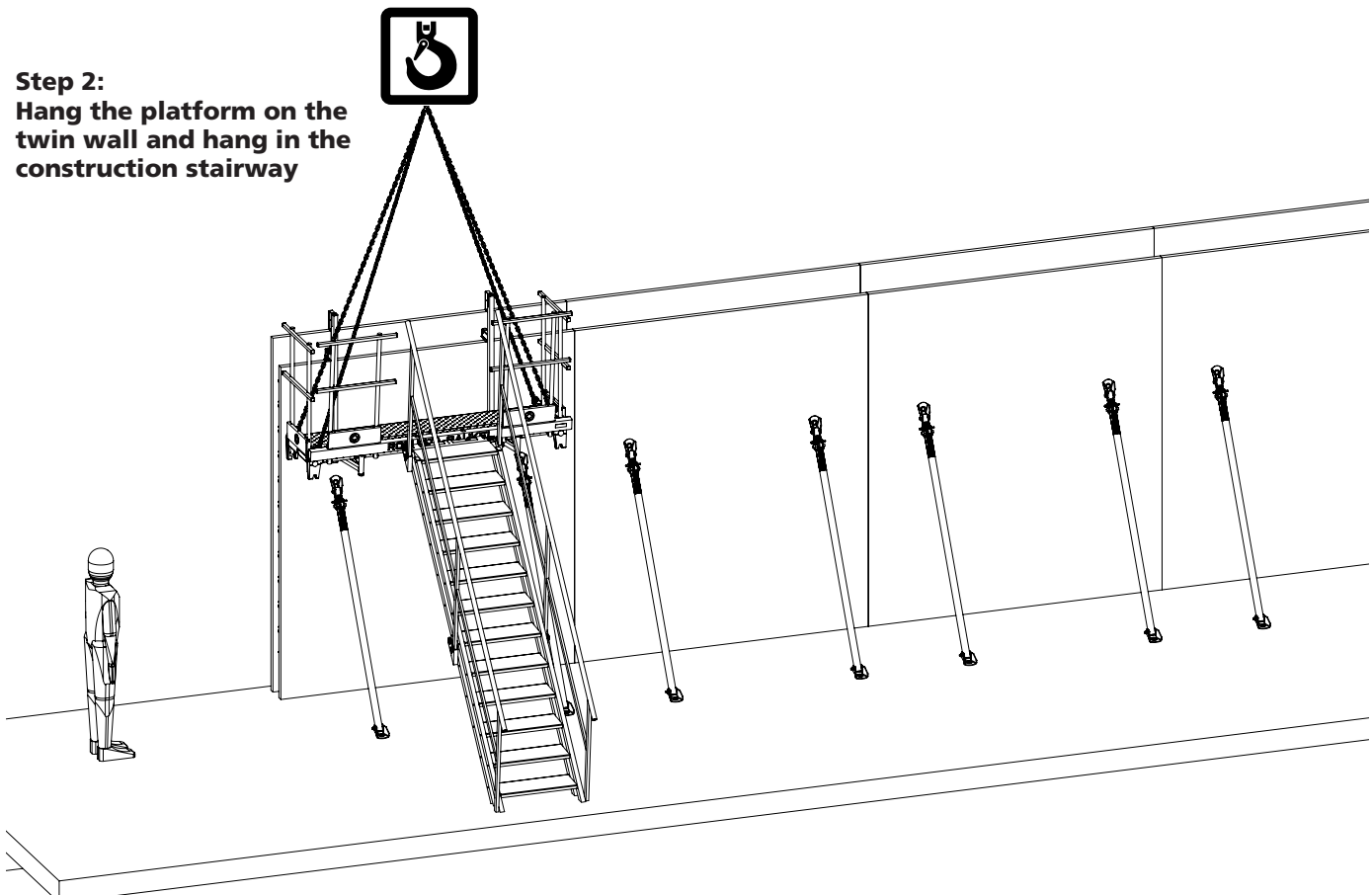
Step 1: Preparing the first platform with access

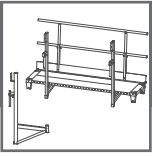
Always hoist the platform at the 4 corner points for transportation!

Here: exemplified with a rear stairway



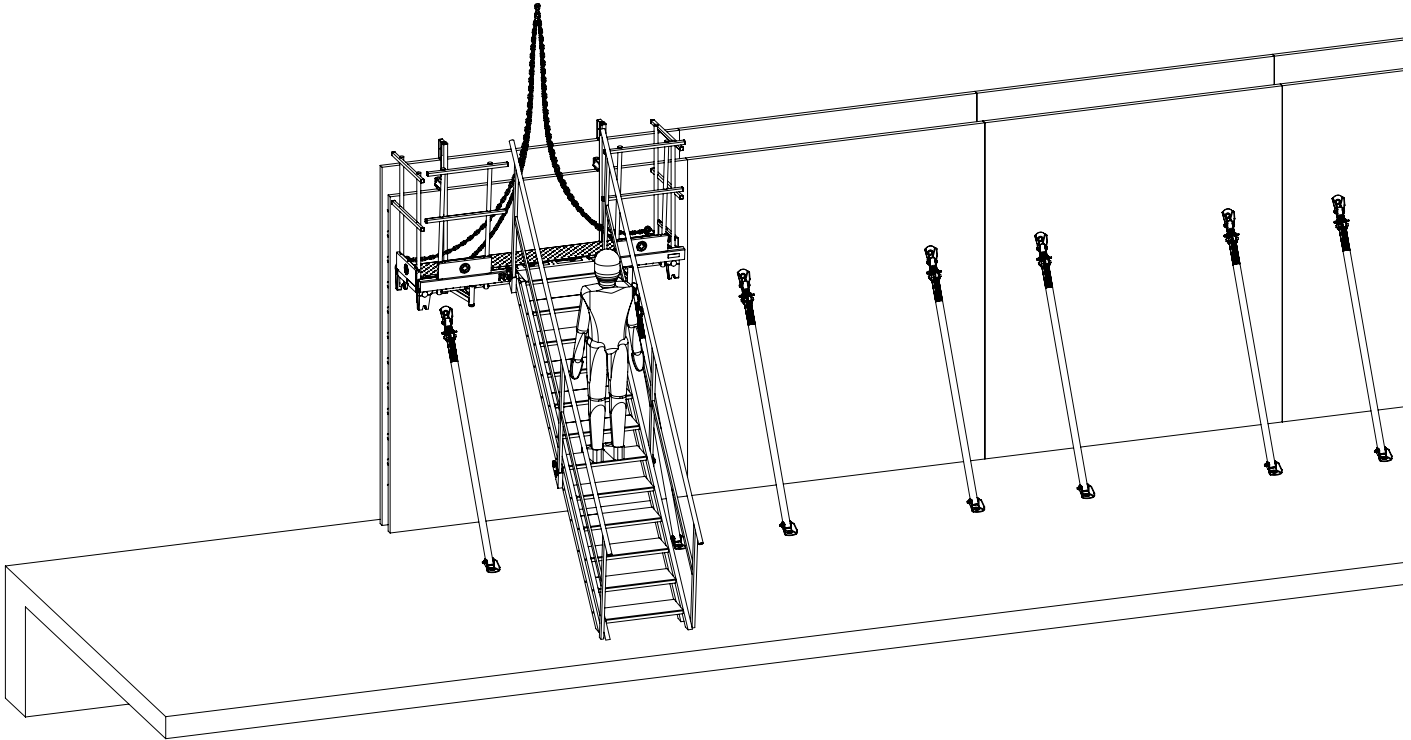
Step 2: Hang the platform on the twin wall and hang in the construction stairway





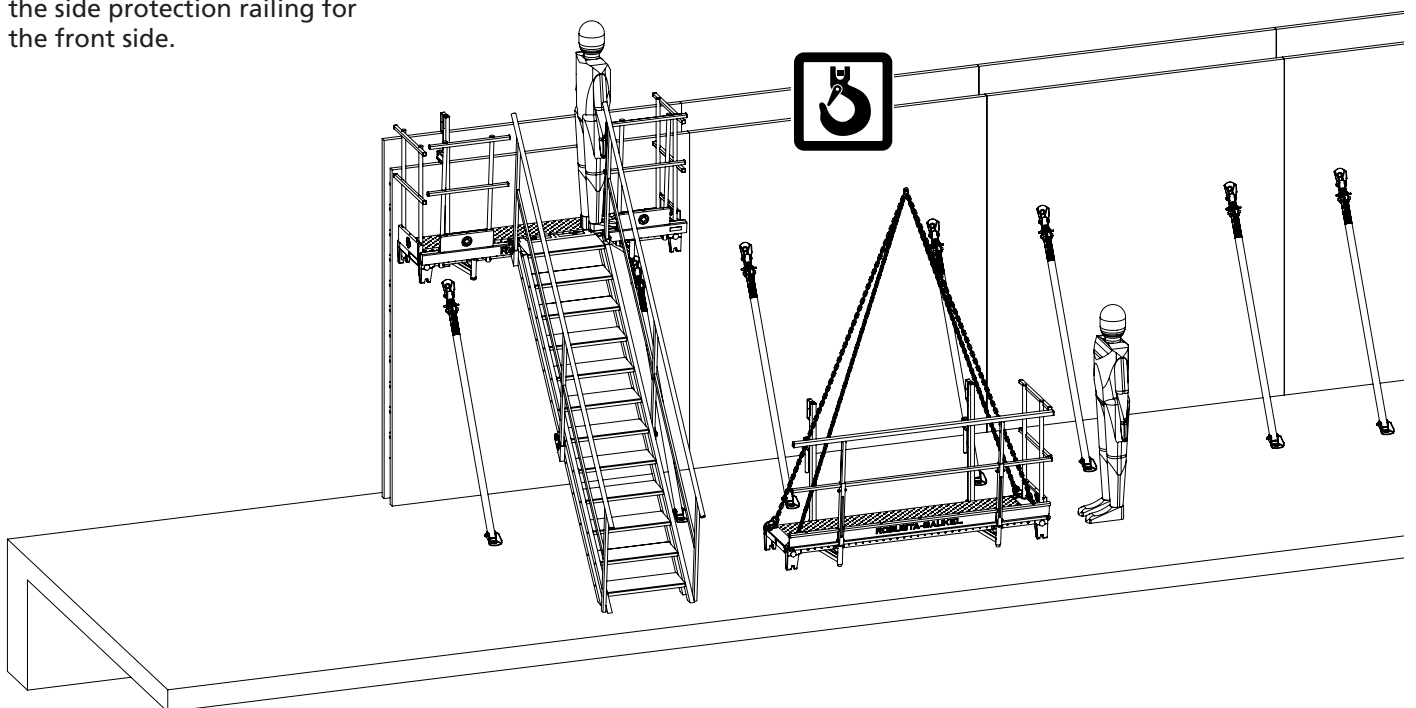
Step 3: Safe ascent with construction stair

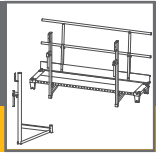
Now the platform can be safely accessed, and the crane hooks can be released



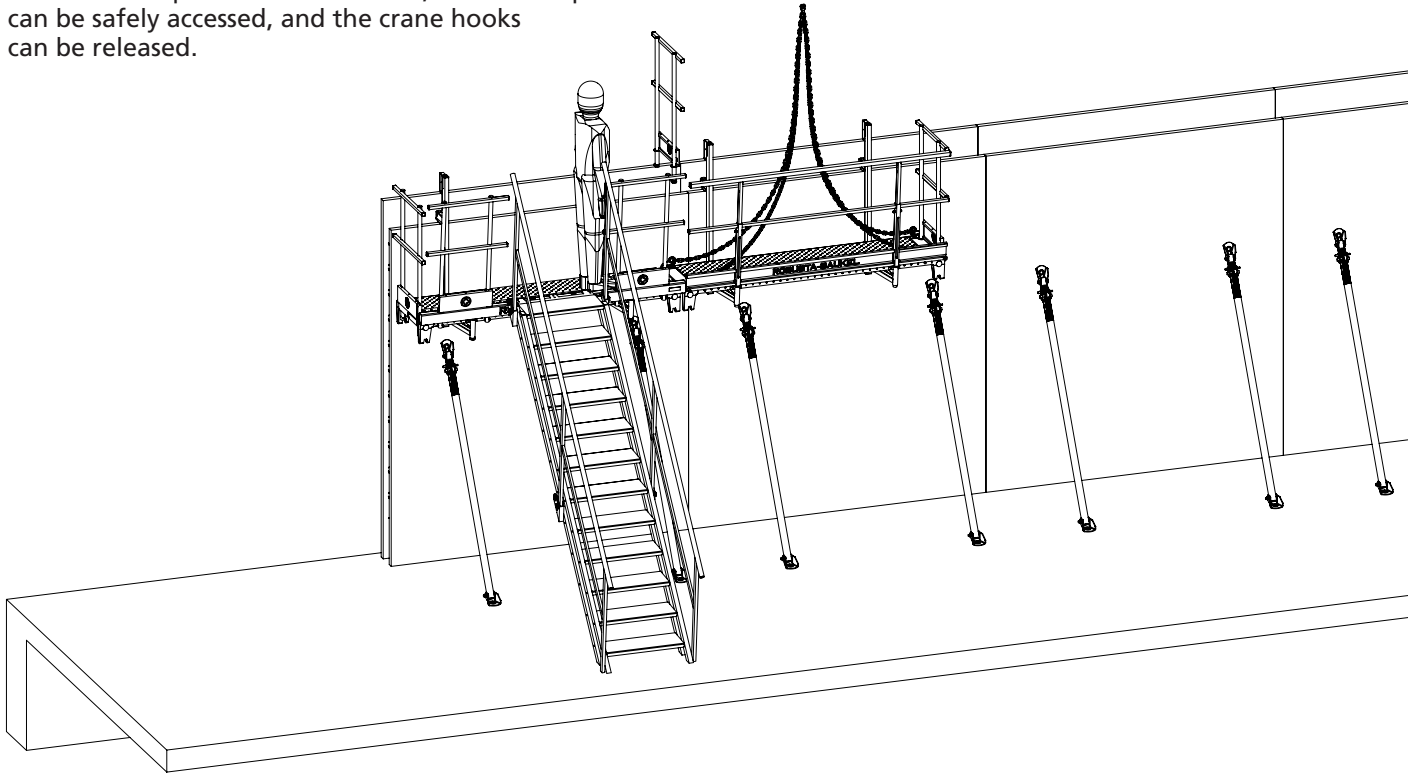
Step 4: Preparing the next platform

Each additional platform is also supplemented with the side protection railing for the front side.

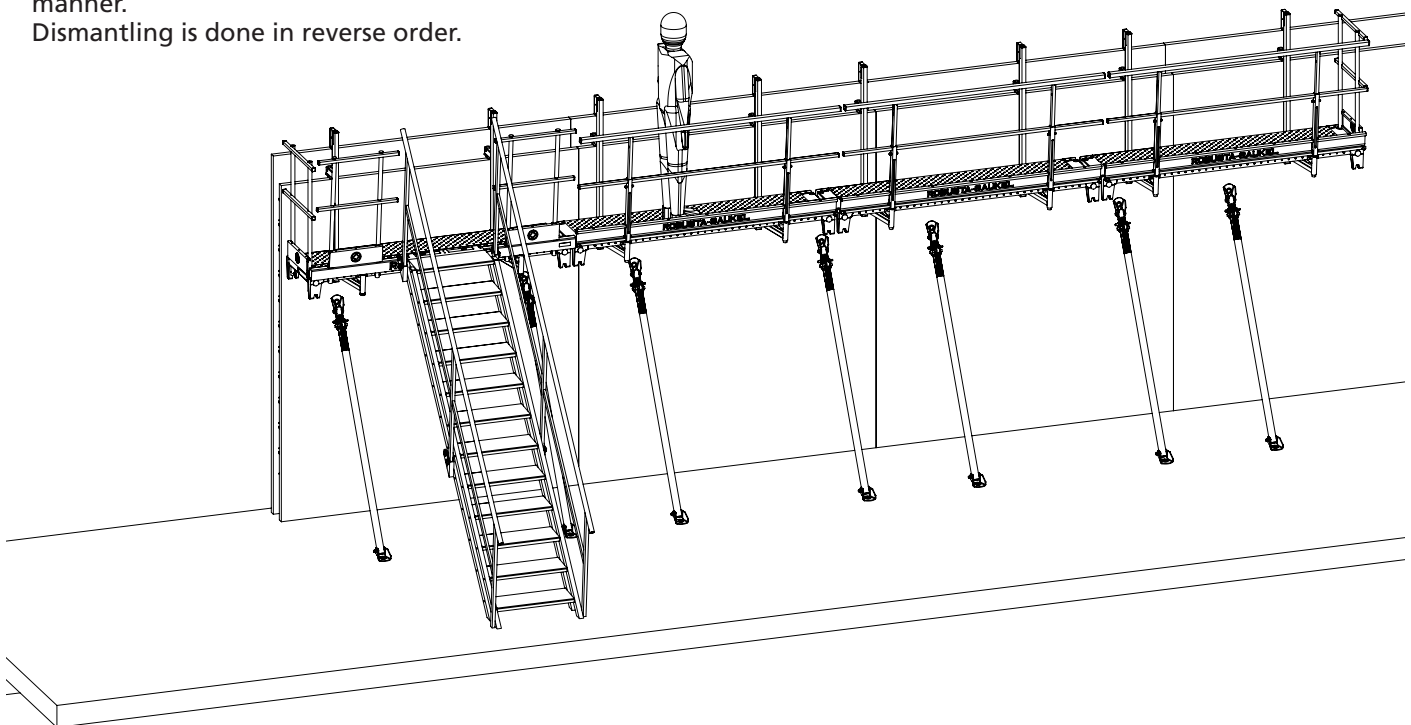


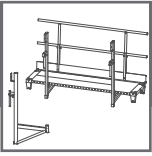
**Step 5: Hanging the second platform**

Remove the side protection railing for the front side from the first platform. Afterwards, the second platform can be safely accessed, and the crane hooks can be released.



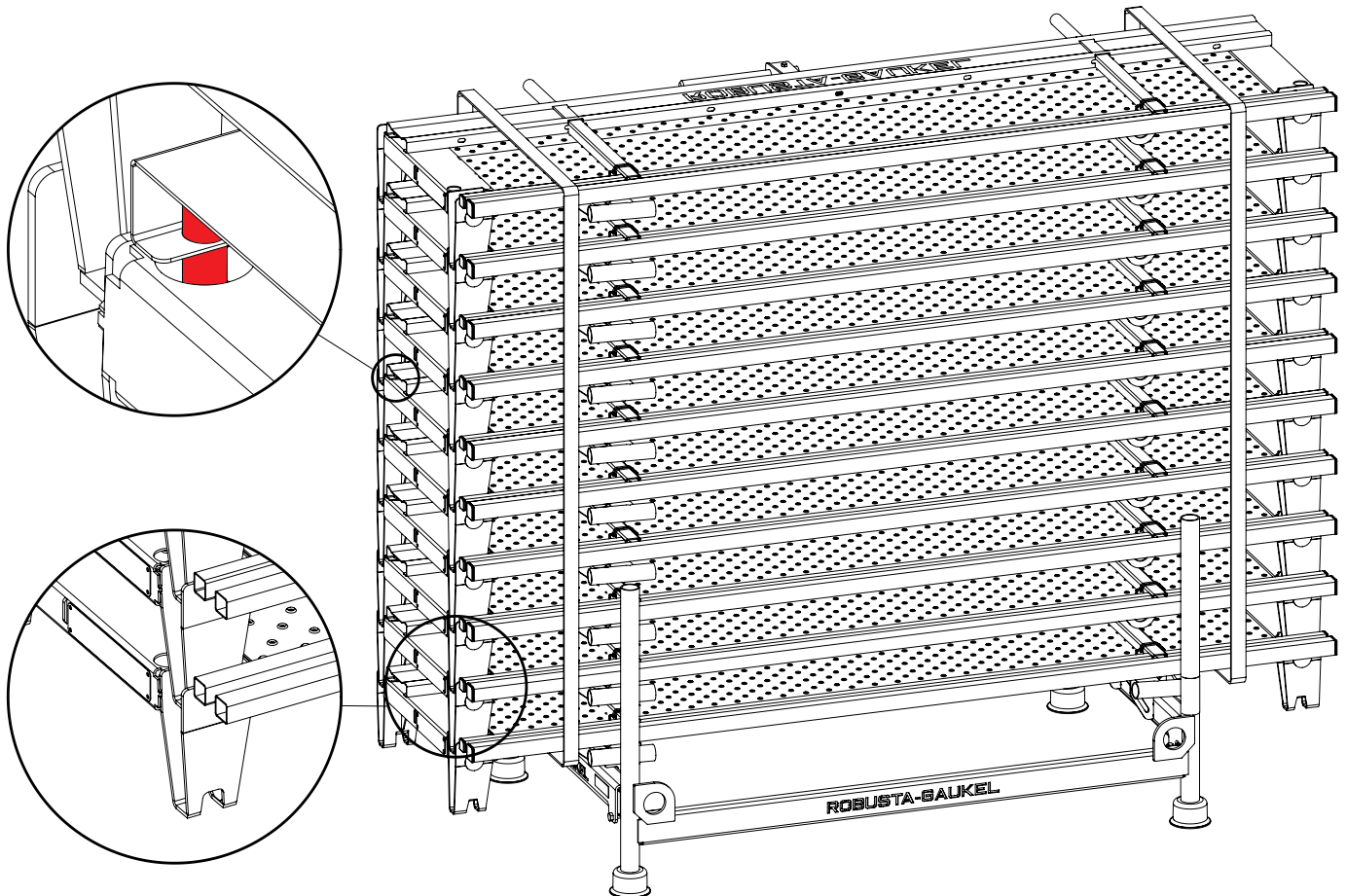
Hang all further platforms in the same manner.
Dismantling is done in reverse order.





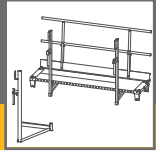
6. Storage and transportation: Preparation

The bolt must be inserted in the hole of each platform to secure it.



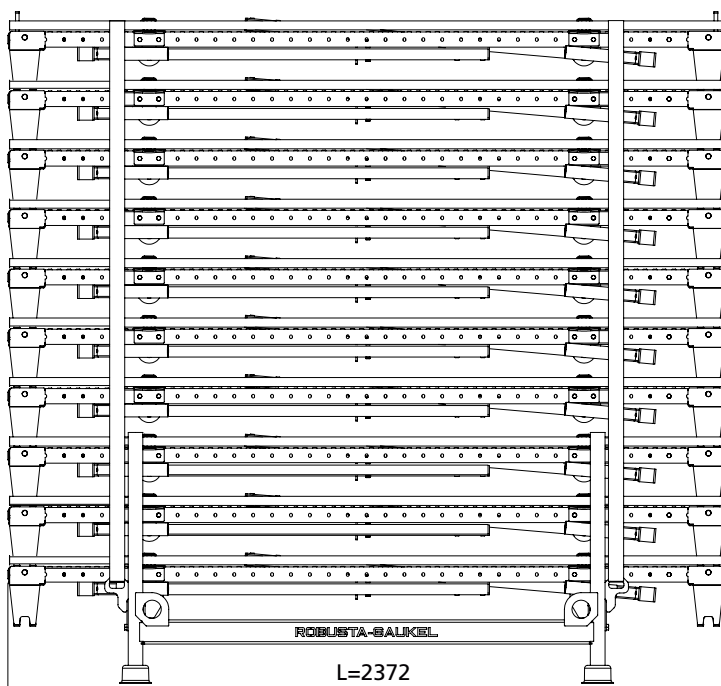
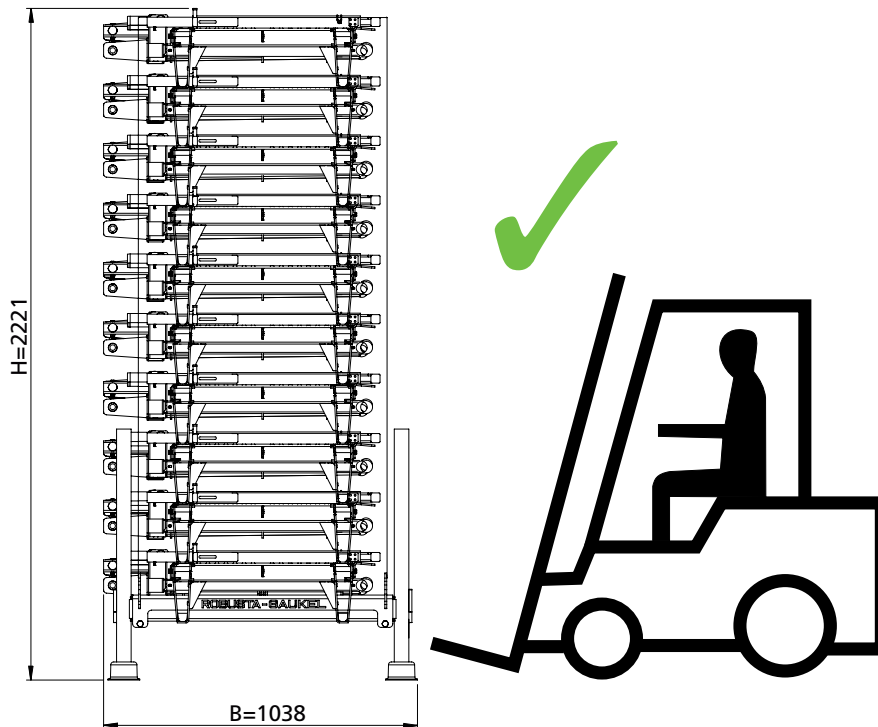
The feet must interlock.

The stacked platforms must be securely fastened with appropriate straps or chains before transport. We recommend using our ROBUSTA rack for storage and transport (see page 7).



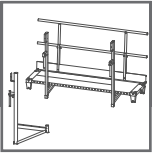
6.1. Storing and transportation in folded state

In the folded state, up to 10 stacked platforms can be transported with a crane. The platform stack must be secured with straps.



When transporting with a forklift or pallet truck, a maximum of 10 folded platforms can be transported.

For storage on a construction site or warehouse, we also recommend a maximum of 10 platforms



7. Disposal

Material that is no longer usable or defective must be disposed of in accordance with the applicable legal regulations in a proper and professional manner. The components are made of galvanized or hot-dip galvanized steel. Typically, they can be disposed of in steel scrap without further disassembly.

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