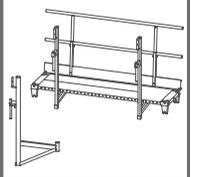
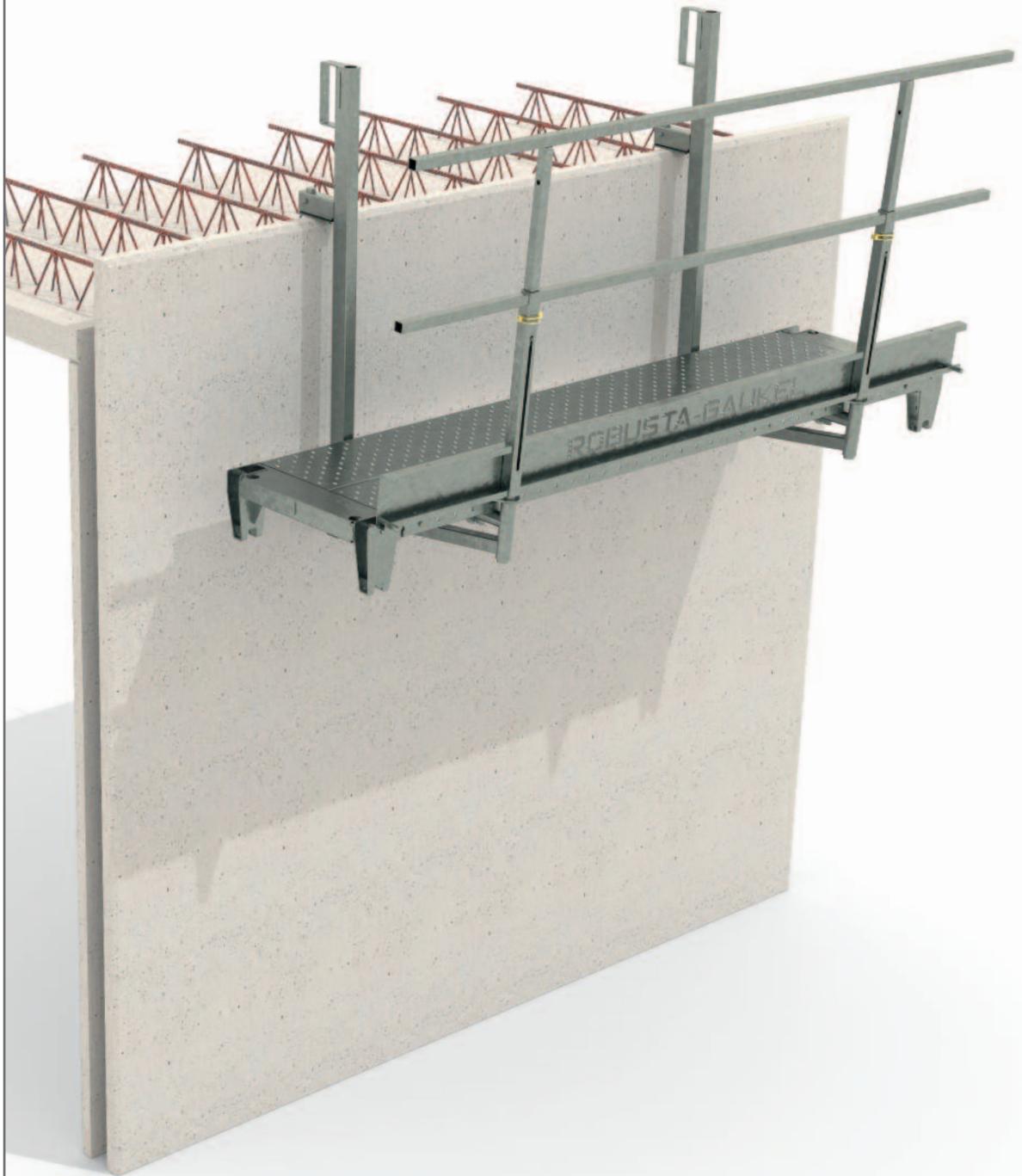


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3.2. CONCRETING BRACKET AND -PLATFORM for safe working at twin walls



SAFETY TECHNOLOGY



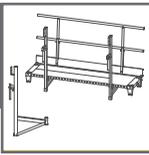
ROBUSTA
GAUKEL

3

CONCRETING BRACKET AND -PLATFORM FOR TWIN WALLS

EXAMPLES FOR USE





Your benefits at a glance:

- Serves as temporary scaffolding to be able to stand safely without danger of falling when pouring concrete
- Dangerously standing or walking on narrow concrete formwork or on ladders is unneeded, along with other improvisations
- Can be fixed without concreting anchors in; no prior planning needed
- Rapid mounting and dismantling due to handy individual parts
- Plug-in railings can be inserted easily for fall heights above 2 m

Concreting bracket and working platform for twin walls – for each site a perfect solution!

The construction with two-sheet element walls is practiced more and more on sites. When filling the walls, especially at buildings with several floors with high falling heights, other conditions concerning the working security are occur as when using standard frame formwork.

The mounting of façade scaffolding is often too complicated and the use of rolling scaffoldings between the props is unpractical or not possible.

Unfortunately you can still see on sites that the walls are being filled up without any edge protection.

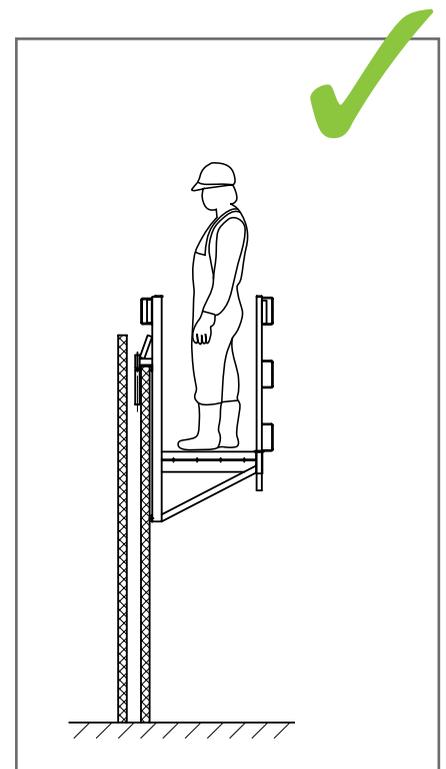
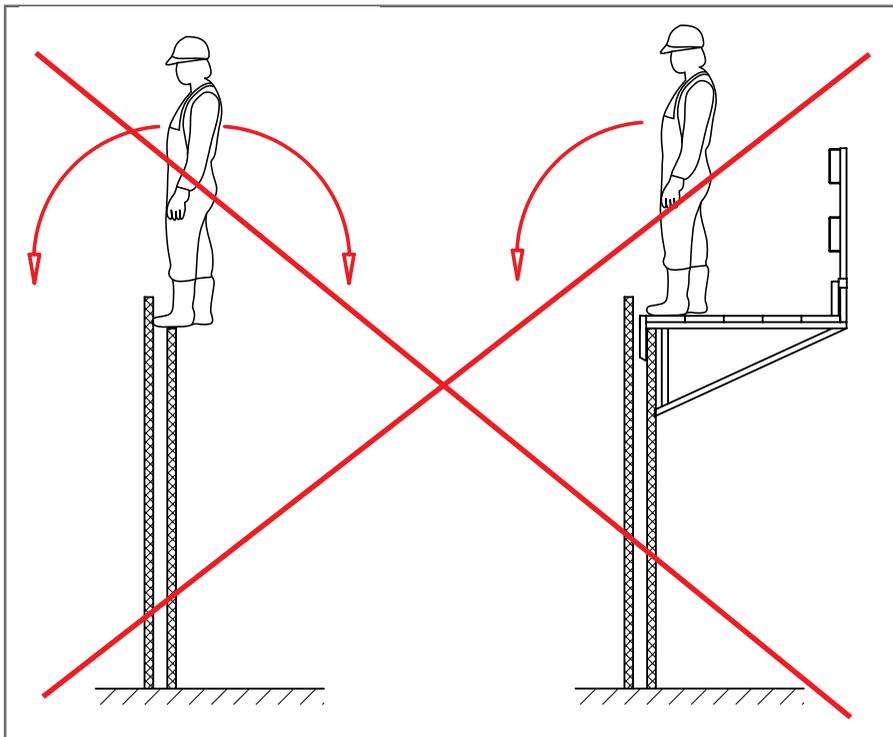
The geometry of the **concreting bracket for twin walls** is especially developed to hang into element walls.

With the use of the bracket you can produce on the spot a safe and simple base with back protection.

For a safe and comfortable working the base is placed approx. 50 cm underneath the upper wall edge.

Because of this geometric favorable construction the horizontal load at the hang in point against the concrete panel is reduced to a minimum.

As protection against falling towards the other side of the wall a side protection board can be mounted into the stirrup of the front rail post at a height of 1 cm.



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CONCRETING BRACKET AND -PLATFORM FOR TWIN WALLS

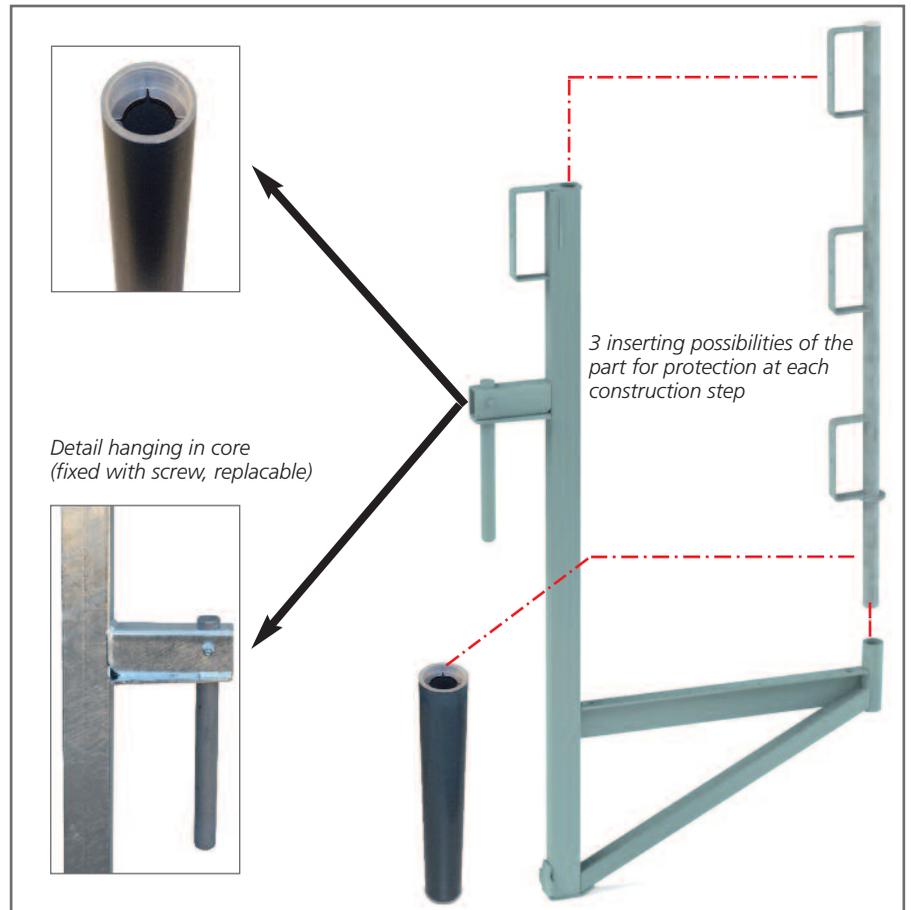
ANCHORING TECHNOLOGY



Most simple fixing for brackets and working platforms:

The universal advantage: concreted **anchoring parts are not necessary**, the brackets can be hanged into any spot. This guaranties independence from planning and time and pressures during work cycle of construction.

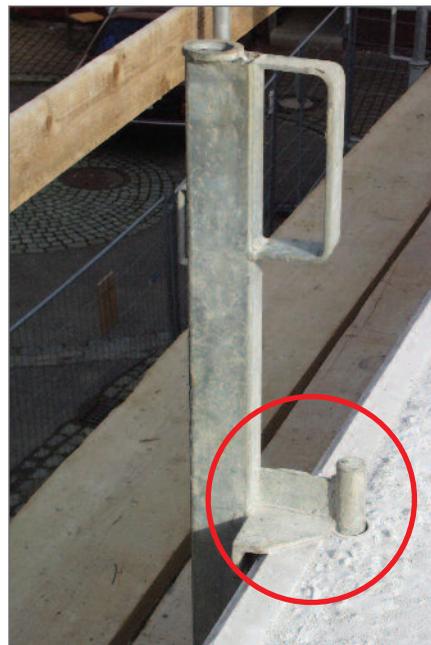
The bracket for twin walls can be attached to any spot with the hang in core into the gap of the element wall. A plastic tube will protect the core against concreting and contaminating, the pulling out of the core off the hardened concrete is possible without any problem. The tube will be lost and has to be inserted new before every use. This works very easy with a special cover, which clamps itself onto the core and protects the tube against falling into the hollow space.



The special effect when hanging in the bracket at the external panel: Security during each construction phase!

During concreting the slab the bracket guarantees safe side protection with above inserted railing posts. After hardening of the concrete the bracket can be removed at once and used again with the next construction step.

In this case the plastic tube sleeve, which has been slipped over the hang in core of the bracket, will remain free to reach at the upper side of the slab. The railing post will be inserted immediately into this tube sleeve, in that way the free edge is secured continuously. These railing posts remain as long as the next wall element will be set.

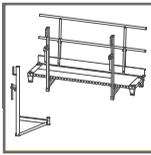


bracket with inserted hang in core inside the plastic tube



side railing post stuck into plastic tubes



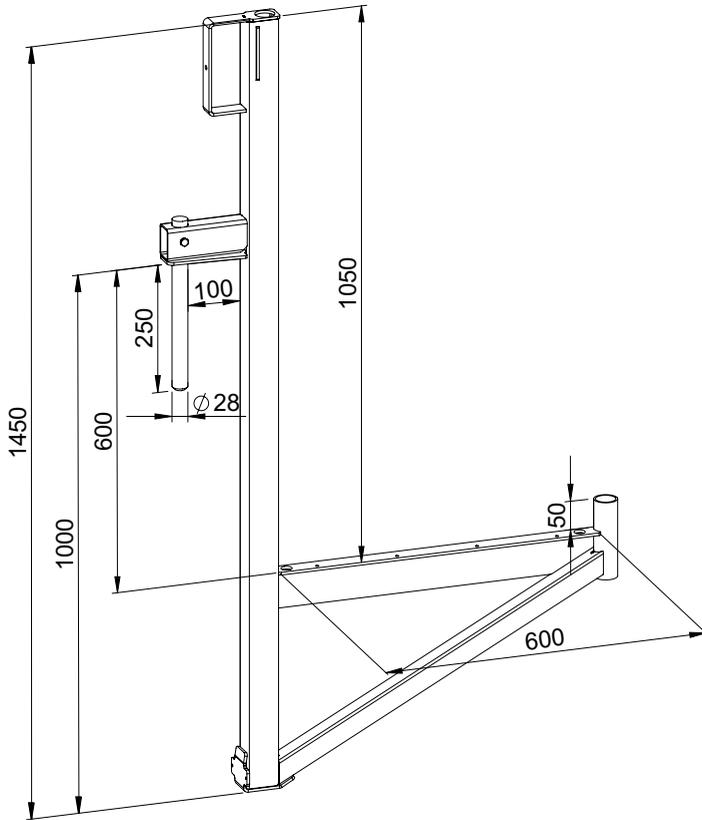


CONCRETING BRACKET AND -PLATFORM FOR TWIN WALLS

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ANCHORING TECHNOLOGY

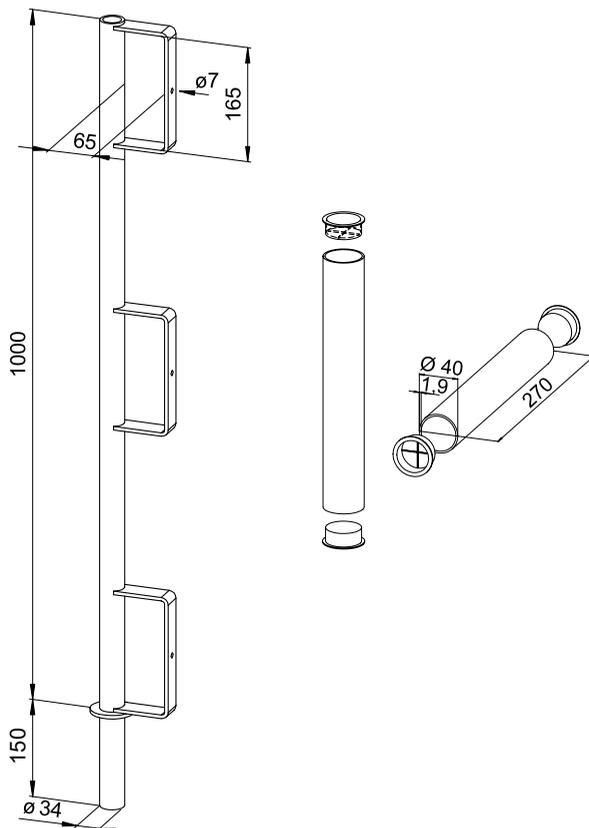
TECHNICAL DATA:



Concreting bracket

Specification:	Weight [kg/unit]	Item No.
to hang in at the internal or external side, hot galvanized.	12.5	320602
set complete: bracket for twin walls with railing posts	17.5	320601

- max. single load: 150 kg / bracket
- max. area load: 150 kg / m²
- max. distance of brackets: 1.50 m, min. distance of edge to joint 25 cm
- concrete panel: min. 5 cm, max. 9.5 cm thick
- wooden timbers: floor timbers min. 20 x 3.5 cm
- side protection: 3 or 4 wooden timbers 15 x 3 cm



Plastic installation-kit with special plug

Weight [kg/unit]	Item No.
0.05	320699

Inserted railing post

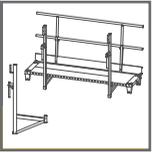
Weight [kg/unit]	Item No.
5,0	330225



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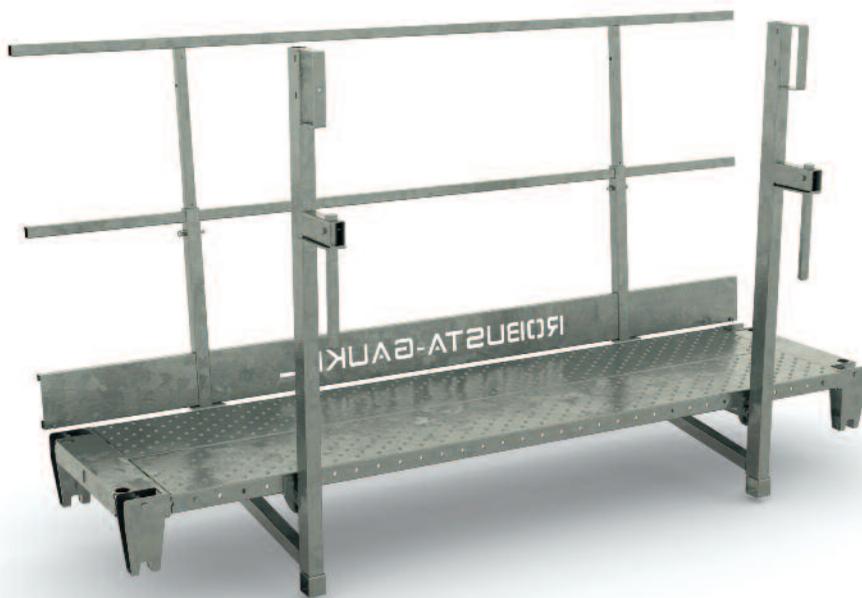
CONCRETING BRACKET AND -PLATFORM FOR TWIN WALLS

CONCRETING WORKING PLATFORM



Your benefits at a glance:

- No wooden parts
- Platform completely galvanized for long life service
- Consoles foldable for better storage and transport
- Length of platform 2.40 m, perfect size for transportation with truck
- Insertable security girder at the back and sides
- Quick and easy mounting
- With perforated metal planks the bothsided punched holes allow an excellent standing stability. Furhtermore the drain holes exhibit good drainage.
- Optionally with front side protection
- With accessories for safe attachment of the STAFE steep stair and stairways – an all-around safe thing!

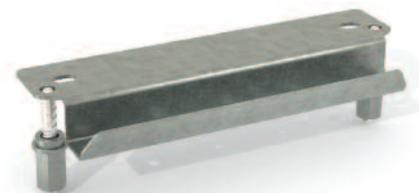


Accessory:
For ascent with STAFE stairway
(from the back side)



With simple accessories like adapterrail and stairway angle the stairways can be fixed easily as a safe ascent at the back side of the concreting working platforms.

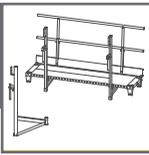
Accessory:
For ascent with STAFE steep stairs
(front ends)



With the adapter for steep stairs these can be fixed on the front ends of concreting working platforms.

For more detailed information please refer to our mounting assembly





Concreting working platform: mounting and installation

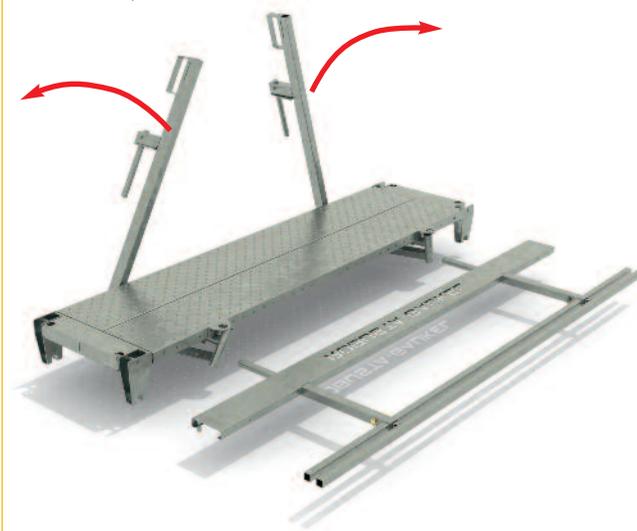
Easy mounting:

The working platforms are 100% compatible and can be stacked without any problems for storing and transportation. For mounting the first unit must be lifted 1 meter with the crane, the two consoles must be placed in vertical position and secured with the telescopic back side protection therefore they cannot slip laterally.

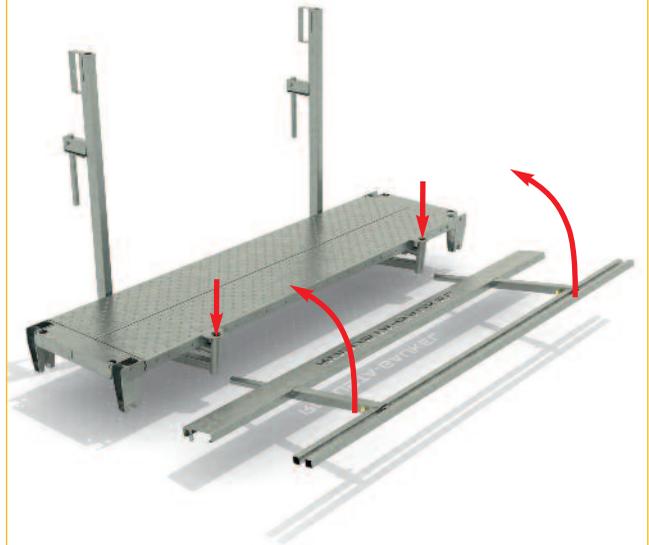
The assembly is easy and quick in a few working steps. The platform is immediately ready for use.

ATTENTION: before hanging in the platforms it is strictly recommended to mount the plastic installation-kits!

- ① place back side protection on the side, erect consoles in vertical position



- ② mount back side protection and insert into the consoles



- ③ unplug linch pins and pull out the telescopic back side protection



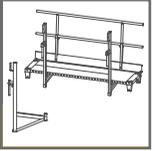
- ④ then secure back side protection with linch pins



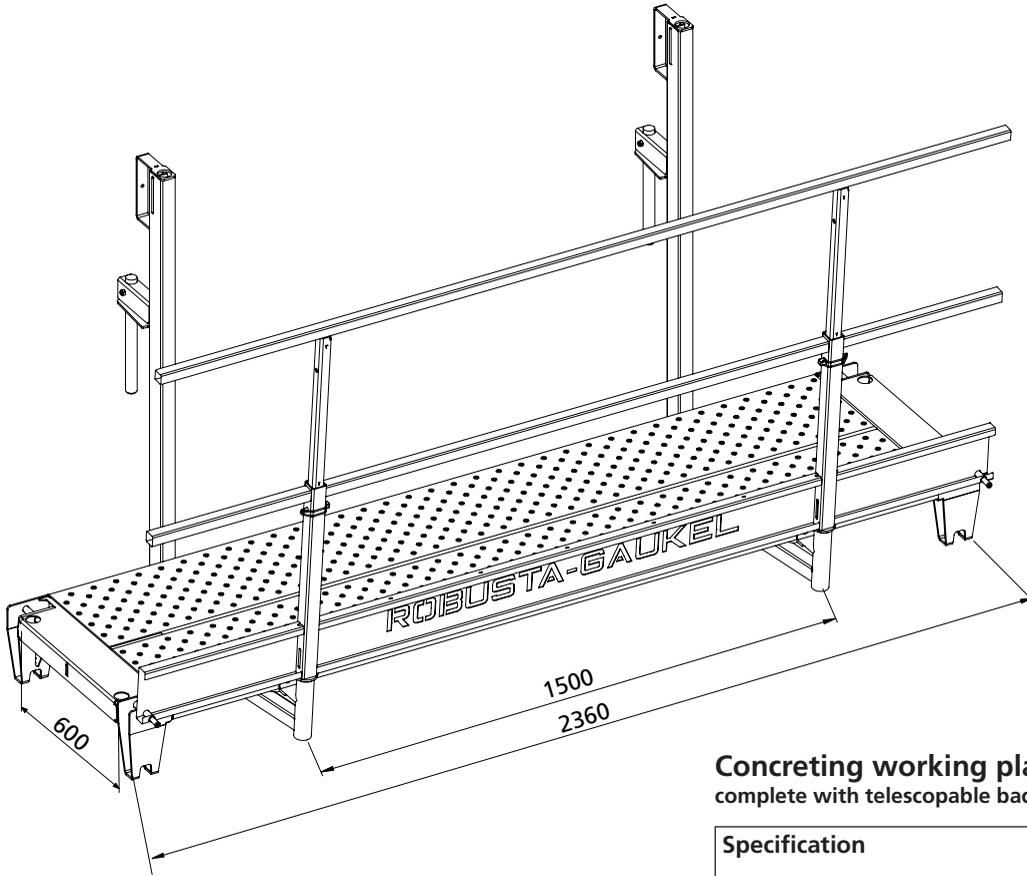
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CONCRETING BRACKET AND -PLATFORM FOR TWIN WALLS

CONCRETING WORKING PLATFORM

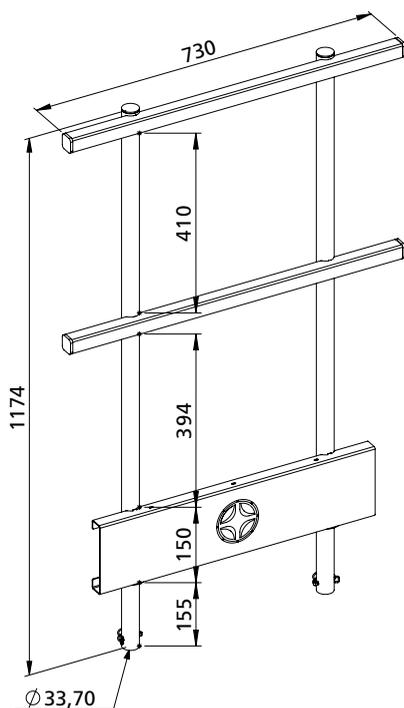


TECHNICAL DATA:



Concreting working platform, steel floor, galvanized, complete with telescopic back side protection

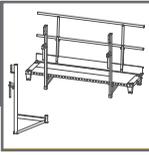
Specification	Weight ca. [kg/unit]	Item No.
Working platform consisting of 2 consoles with steel planking back protection, telescopic, and linch pins	100.0	320630



Front end side protection

Weight [kg/unit]	Item No.
9.52	320660



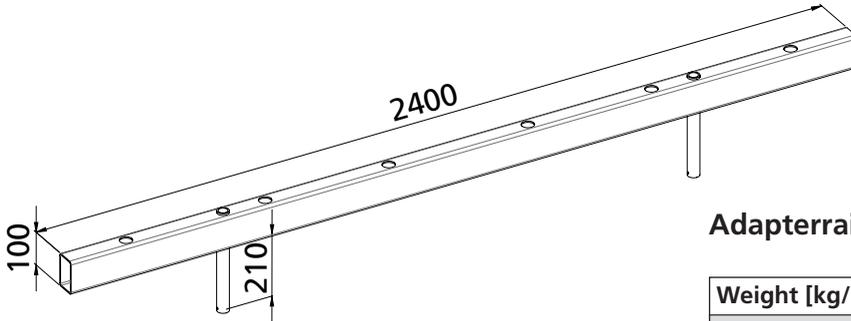


CONCRETING BRACKET AND -PLATFORM FOR TWIN WALLS

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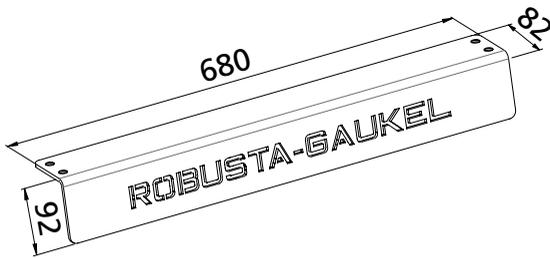
ACCESSORIES: SAFE MOUNTING

TECHNICAL DATA:



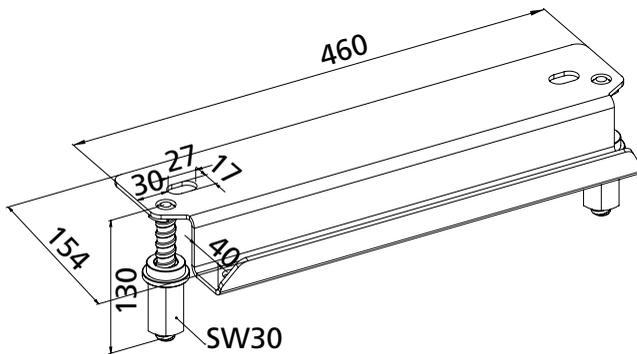
Adapterrail for fixing STAFE stairways

Weight [kg/unit]	Item No.
23.0	320672



Stairway angle for fixing STAFE stairways

Weight [kg/unit]	Item No.
4.0	320675



Adapter for fixing STAFE steep stairs

Weight [kg/unit]	Artikel-Nr.
6.50	320800



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CONCRETING BRACKET AND -PLATFORM FOR TWIN WALLS

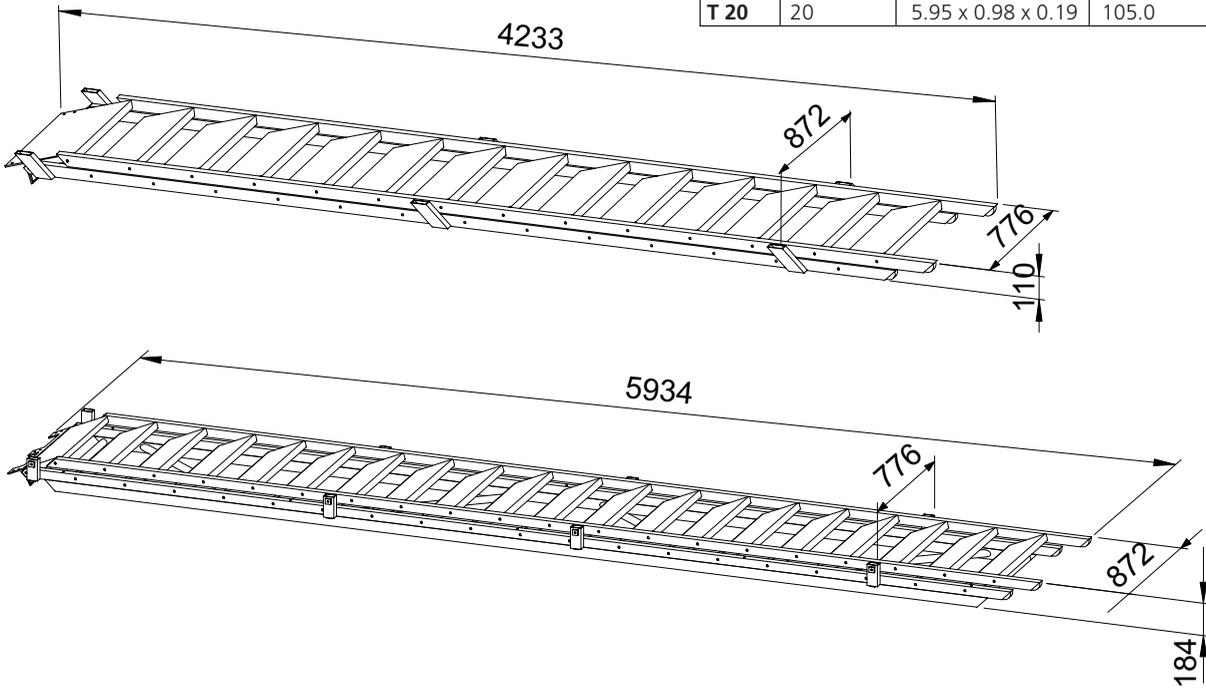
ACCESSORY: STAFF CONSTRUCTION STAIRWAYS



TECHNICAL DATA:

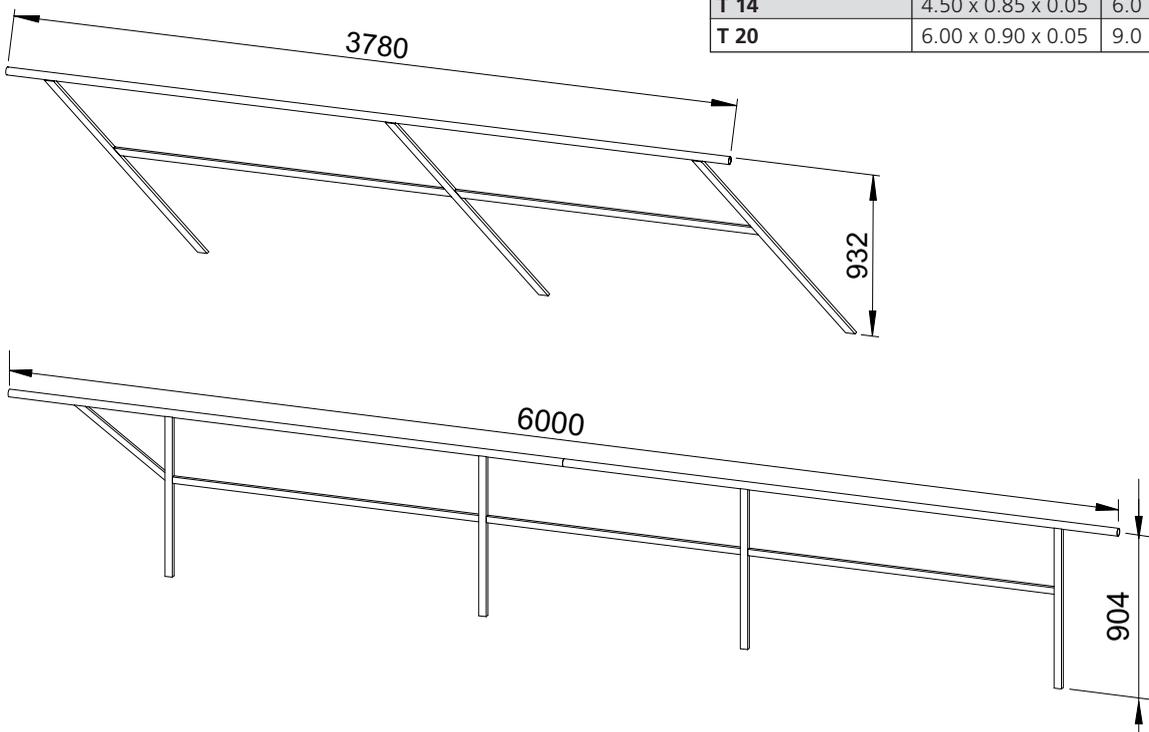
STAFF construction stairways made of aluminium, height-adjustable

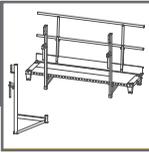
Type	No. of stairs	Sizes L x H x W [m]	Weight [kg/unit]	Item No.
T 14	14	4.25 x 0.98 x 0.10	66.0	351400
T 20	20	5.95 x 0.98 x 0.19	105.0	352000



Handrail to insert

For Type	Sizes L x H x W [m]	Weight [kg/unit]	Item No.
T 14	4.50 x 0.85 x 0.05	6.0	351410
T 20	6.00 x 0.90 x 0.05	9.0	352010





CONCRETING BRACKET AND -PLATFORM FOR TWIN WALLS

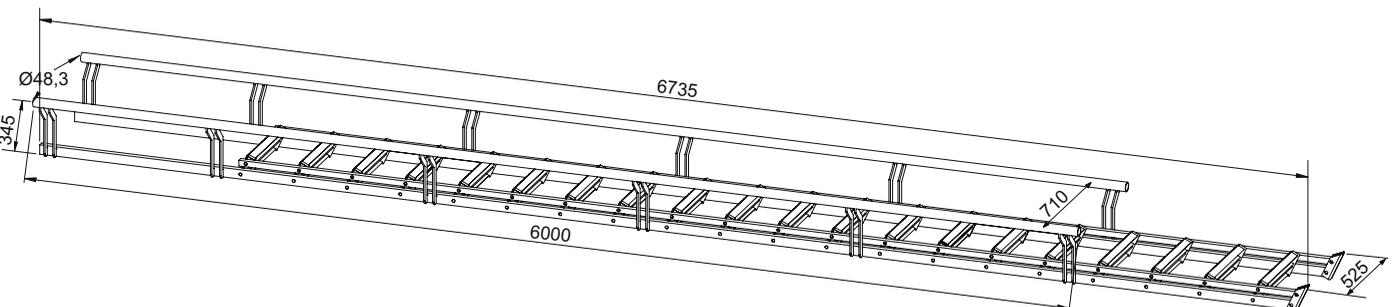
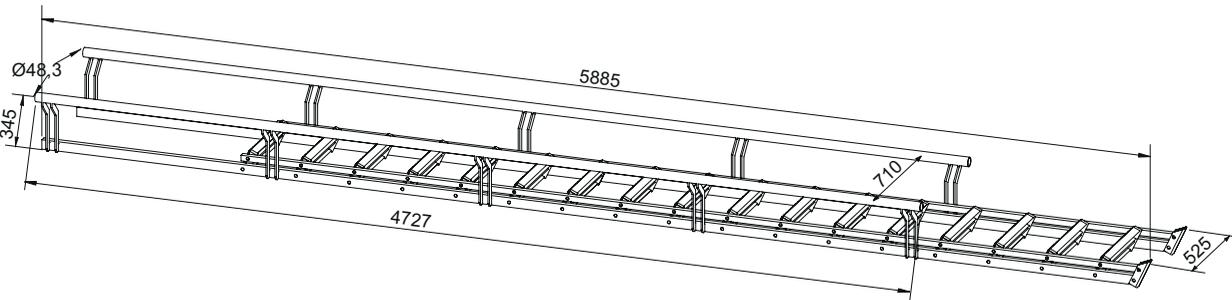
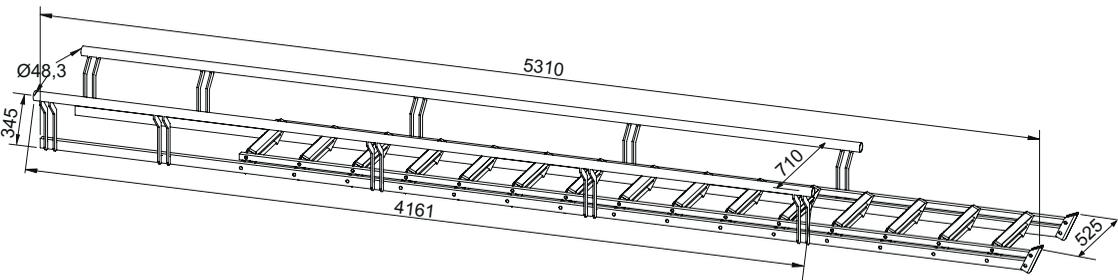
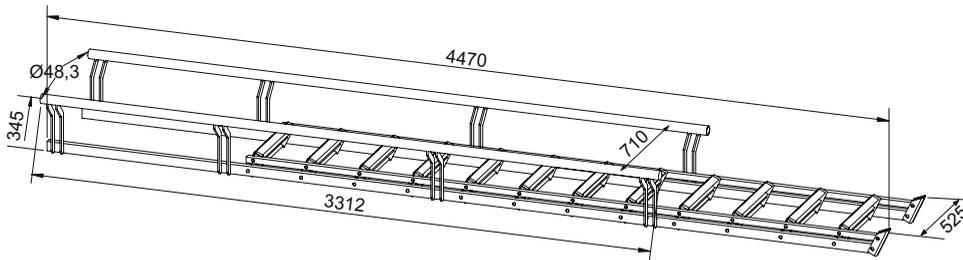
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ACCESSORY: STAFF STEEP STAIRS

TECHNICAL DATA:

Construction steep stairs made of aluminium, height-adjustable

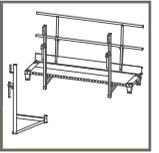
Type	No. of stairs	Sizes L x H x W [m]	Weight [kg/unit]	Item No.
L 12	12	4.40 x 0.75 x 0.35	40.0	353012
L 15	15	5.36 x 0.75 x 0.35	48.5	353015
L 17	17	5.90 x 0.75 x 0.35	56.0	353017
L 20	20	6.80 x 0.75 x 0.35	65.0	353020



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CONCRETING BRACKET AND -PLATFORM FOR TWIN WALLS

CLAMP FOR TWIN WALLS



Clamp for twin walls

A simple solution for a quick mounting of the edge protection at twin walls during armoring works and concreting of slabs. Also for the clamp for twin walls the plastic installation kit has to be used.

The big advantage:

During the concreting of the slab the clamp for twin walls guarantees a safe protection with the inserted railing post. After hardening of the concrete the clamp for twin walls can be dismantled immediately and be used again for the next stage. So the plastic installation kit remains inside the concrete and is free available at the surface of the slab.

The railing post will be inserted again into the plastic installation kit and the open edge remains secured without interruption.

Because there are no cantilever parts, sealing and earthworks can be done without problems. With the flexible pin the clamp for twin walls can be adjusted for 6 and 8 cm thick cases and be removed quickly.

Time intensive lining and an overhanging dismantling of the clamp for twin walls in a danger area is not necessary any more. If the pin is set in the concrete, it can be dismantled easily by loosening the wedge.

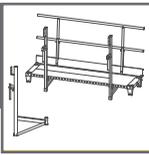


Use as a single part at the outer wall with already laid slab.



Use in combination with the twin wall concreting bracket / -working platform as protection towards the opposite side.



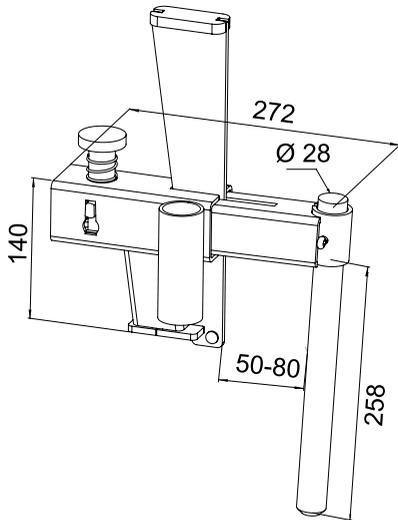


CONCRETING BRACKET AND -PLATFORM FOR TWIN WALLS

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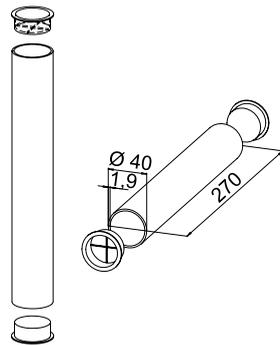
CLAMP FOR TWIN WALLS

TECHNICAL DATA:



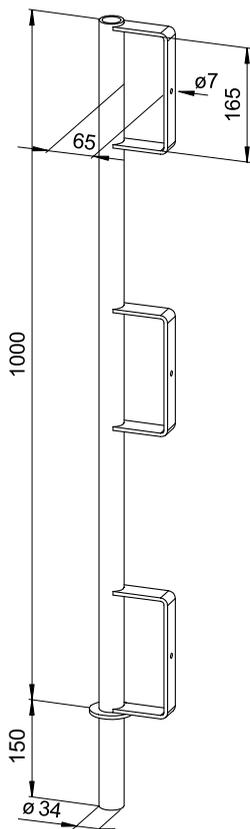
Clamp for twin walls

Weight [kg/unit]	Item No.
6.50	320800



Plastic installation-kit with special plug

Weight [kg/unit]	Item No.
0.05	320699



Inserted railing post

Weight [kg/unit]	Item No.
5,0	330225



ROBUSTA-GAUKEL GMBH & CO. KG

Headquarter:

Brunnenstraße 36
D-71263 Weil der Stadt-Hausen
Phone +49 70 33 537 10
Fax +49 70 33 537 131
Internet www.robusta-gaukel.com
e-Mail info@robusta-gaukel.com

Berlin office:

Rohdestraße 19
D-12099 Berlin (Tempelhof)
Phone +49 30 75 70 70 00
Fax +49 30 75 70 70 07
Internet www.robusta-gaukel.com
e-Mail nl-berlin@robusta-gaukel.com