

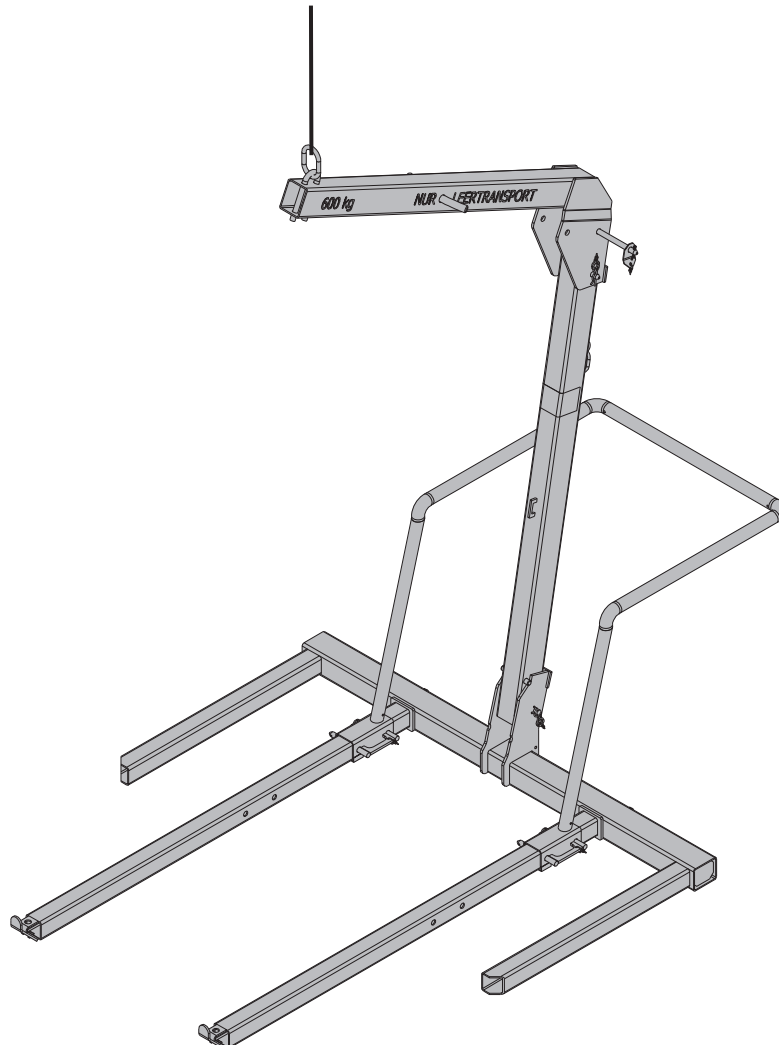
The Formwork Experts.

Transport fork K/M plus

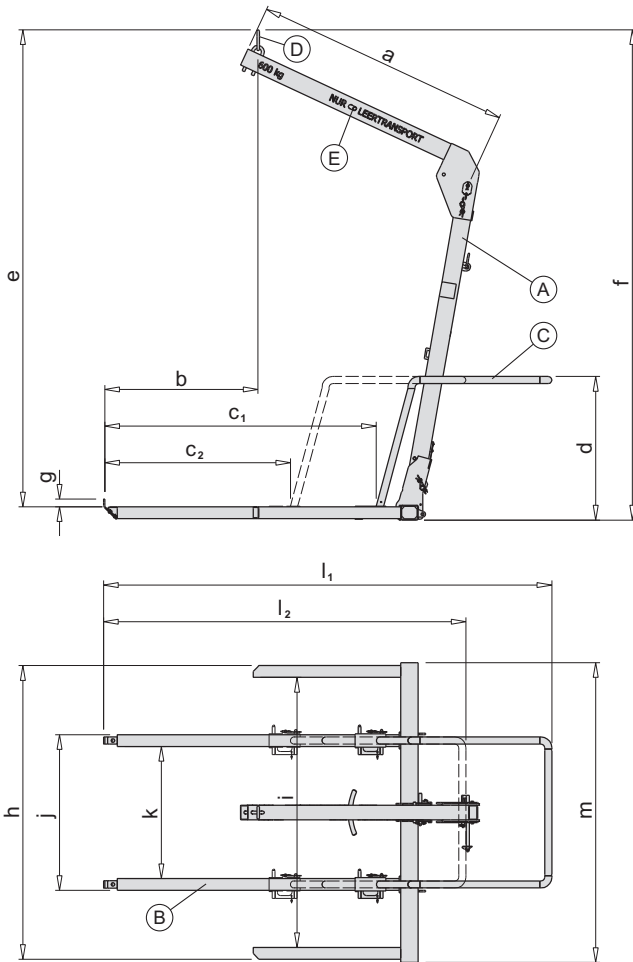
Art.n°: 583025000, 583025500 | 2013 models onward

Original Operating Instructions

Please retain for future reference



Basic drawings of product



- a ... 1750 mm
- b ... 1045 mm
- c₁ ... 1850 mm (when lifting Folding platform K)
- c₂ ... 1265 mm (when lifting Bracket platform M)
- d ... 977 mm
- e ... 3225 mm
- f ... 3315 mm
- g ... 52 mm
- h ... 2000 mm
- i ... 1840 mm
- j ... 1060 mm
- k ... 900 mm
- l₁ ... 3054 mm (when lifting Folding platform K)
- l₂ ... 2469 mm (when lifting Bracket platform M)
- m ... 2040 mm

- A** Lifting extension bracket
- B** Fork
- C** Tilting unit (movable)
- D** Hitching link A16 (600 kg)
- E** Empty-transport bow

Data on rating plate

Designation: Transport fork K/M plus, Transport fork K/M plus SN

Art.n°: 583025000, 583025500

Dead weight: 226.0 kg

Max. carrying capacity: 600 kg

Year of manufacture: see rating plate



Intended use

The Transport fork K/M plus is a lifting accessory. It may be used for lifting the Folding platform K and the Bracket platform M (including the accessories specifically mentioned) (intended use).



NOTICE

- Other use or use not in conformity with that stated above is non-intended use and requires the prior written approval of the Doka company!
- It is forbidden to lift other manufacturers' platforms with it.

Maintenance & inspection

- Repairs may only be carried out by the manufacturer!
- Doka accepts no liability for products that have been altered!

Before every use

- ▶ Check for any signs of damage or visible deformation.



Lifting accessories that do not meet the following criteria must be withdrawn from use immediately:

- Crack-free and notch-free welds.
- No deformation.
- Rating plate must be in place and clearly legible

At regular intervals

- Inspection of lifting accessories must be performed at regular intervals by an **expert** in conformity with **national statutory provisions**. Unless otherwise stipulated, such inspection must be carried out **at least once a year**.

Storage

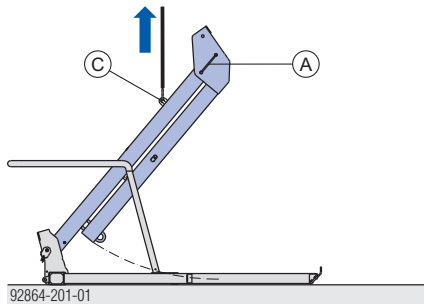
- Store lifting accessories in a dry and well ventilated place, protected from the weather and from all corrosive substances.

Preparing the transport fork



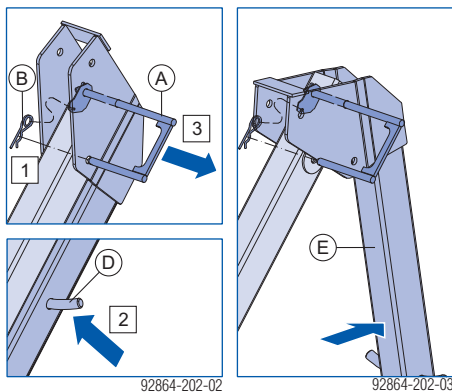
- ▶ During the crane operation, all persons must stay a safe distance away from the transport fork to avoid unsafe conditions and eliminate any hazards or exposure to injury!

- ▶ Set the fork down on level ground.
- ▶ Attach the lifting chain to the assembly hitching-point.
- ▶ Raise the lifting extension bracket by crane sufficiently far that the carrier tube can be completely swung out.



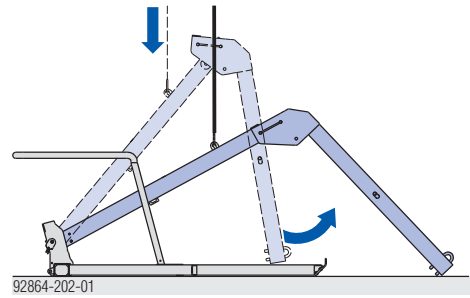
- A Fastening bolt
- C Assembly hitching-point

- ▶ Remove the d5 spring cotter.
- ▶ Push up the carrier tube by pushing against the empty-transport bow, so as to take the load off the fastening bolt.
- ▶ Undo the fastening bolt, while holding the carrier tube.

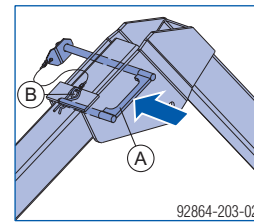


- A Fastening bolt
- B Spring cotter d5
- D Empty-transport bow
- E Carrier tube

- ▶ Completely swing out the carrier tube, at the same time as carefully crane-lowering the whole lifting extension bracket into the stand-by position.

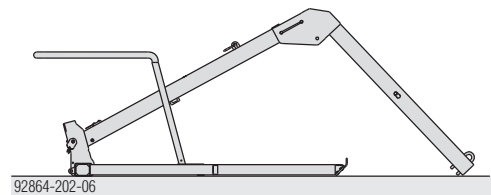


- ▶ Push the fastening bolt back in and secure it with the d5 spring cotter.



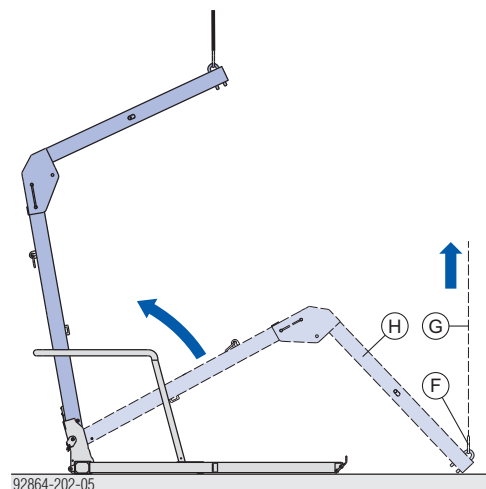
- A Fastening bolt
- B Spring cotter d5

Completely-assembled transport fork in stand-by position:



Readying the transport fork for operation

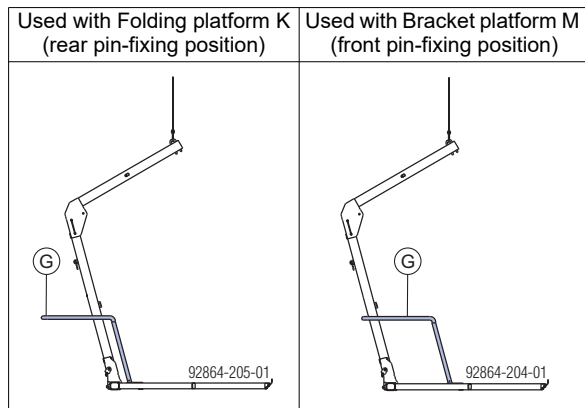
- ▶ Attach the lifting chain to the A16 hitching link.
- ▶ Raise the Lifting extension bracket by crane.



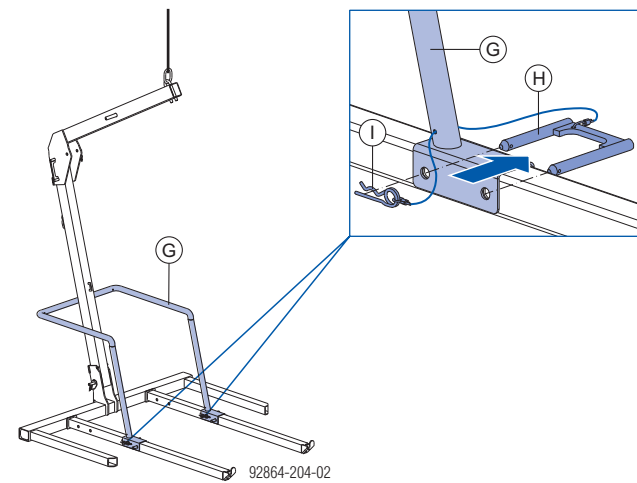
- F Hitching link A16
- G Lifting chain
- H Lifting extension bracket

The transport fork is now ready for operation.

Adjusting the tilting unit

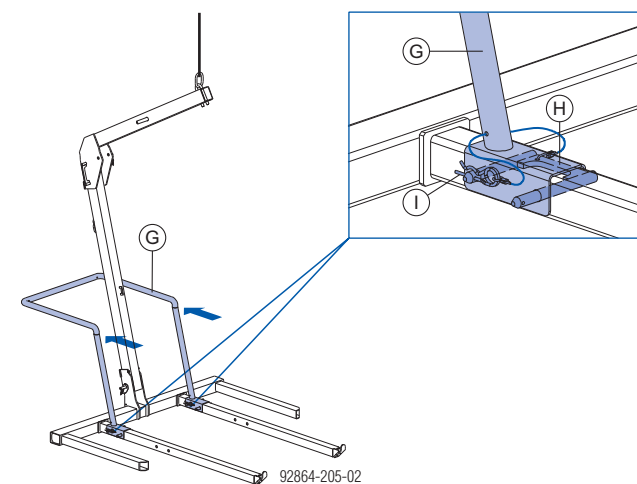


- Slightly raise the transport fork by crane.
- Undo both fastening bolts.



- G** Tilting unit
- H** Fastening bolt
- I** Spring cotter d5

- Push the tilting unit into the desired pin-fixing position.
- Push the fastening bolt back in and secure it with the d5 spring cotter.



- G** Tilting unit
- H** Fastening bolt
- I** Spring cotter d5

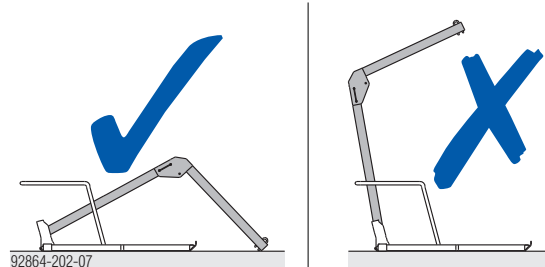
Setting down the transport fork



CAUTION

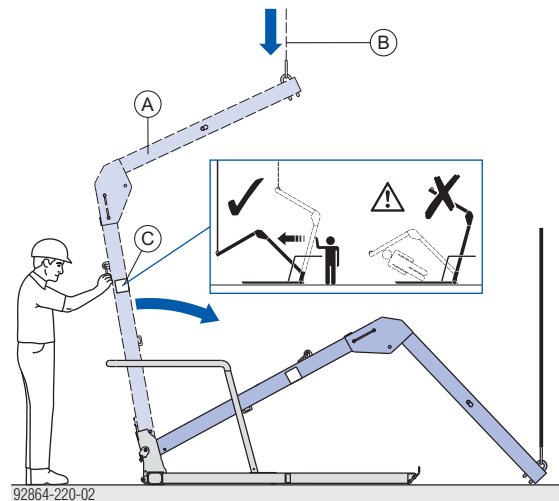
- Risk of lifting extension bracket tipping over!
- Do not remove the lifting chain until the lifting extension bracket is resting on the ground (in the stand-by position).

Stand-by position:



- Set the fork down on level ground.
- Tilt down the lifting extension bracket by crane into the stand-by position. At the same time, press the lifting extension bracket forward by hand.

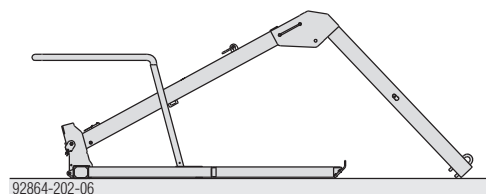
Observe the warning stickers!



- A** Lifting extension bracket
- B** Lifting chain
- C** Warning sticker

- Detach the lifting chain, working from floor-level.

Transport fork in stand-by position:



Using with Folding platform K



Follow the directions in the 'Folding platform K' User Information booklet!

The Transport fork K/M plus makes it possible to lift and reposition the following platforms and accessories:

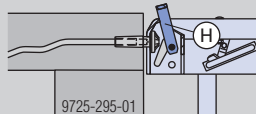
	3.00m	4.50m
Doka folding platform K	✓	✓
Doka folding platform K + Suspension beam K2	✓	✓
Doka folding platform K + Support girder	✓	-
Doka folding platform K + Suspended platform 120	✓	-
<hr/>		
Doka folding platform K inside corner		✓
Doka folding platform K outside corner		✓
<hr/>		
Closure platform 3.00m: Gap to be bridged > 2.10 m		✓
Closure platform 3.00m in corner		-

Repositioning operation

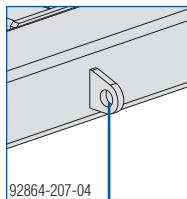


Where cone-type suspension points are used, observe the following:

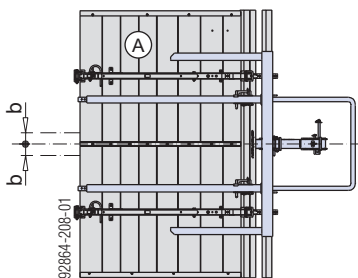
- Unlock the anti-liftout guard. Before the Folding platform K can be lifted off its suspension points, the red lifting bow (H) must be shifted into the stand-by position (fixed in the short slot).



To make it easier to position the Transport fork K/M against the platform, suitably long tag-lines should be used.



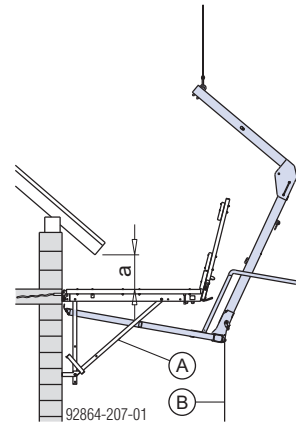
Maximum eccentric positioning to the load centre:
b = max. 15 cm.



View from below

A Folding platform K

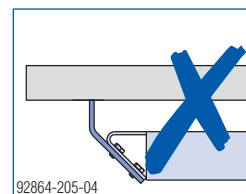
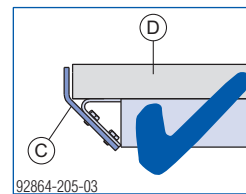
- Fix the tilting unit in the rear pin-fixing position.
- Guide the Transport fork K/M plus beneath the platform, by means of the crane and tag-lines.



	a
With cone-type suspension points	min. 13 cm
With loop-type suspension points	min. 30 cm

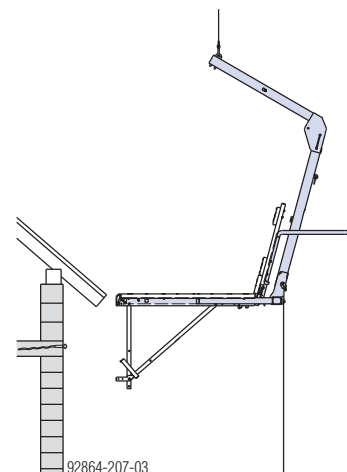
A Folding platform K
B Tag-line

- Manoeuvre the transport fork sufficiently far in that the anti-slide-off guards project beyond the front of the platform decking.



C Anti-slide-off guard
D Platform decking

- Lift the platform out of its suspension points.



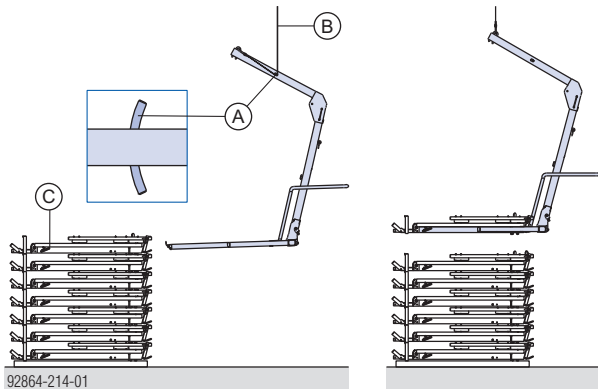
Taking a Folding platform K off a stack



NOTICE

- Only allowed with Doka folding platform K 3.00m and 4.50m!
- Only one platform is allowed to be lifted and repositioned at a time!

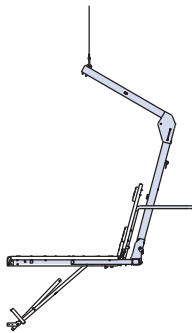
- Place the lifting sling around the empty-transport bow.
- Guide the transport fork into the stack.
- Manoeuvre the transport fork sufficiently far in that the anti-slide-off guards project beyond the front of the platform decking.
- Take the lifting sling off the empty-transport bow.



92864-214-01

- A** Empty-transport bow
- B** Crane suspension tackle
- C** Doka folding platform K 3.00m or 4.50m

- Lift a Folding platform K off the stack and unfold it.

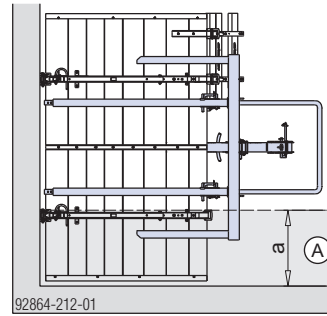


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- To stack the platforms again, repeat these steps in reverse order.

Practical examples

Doka folding platform K inside corner:

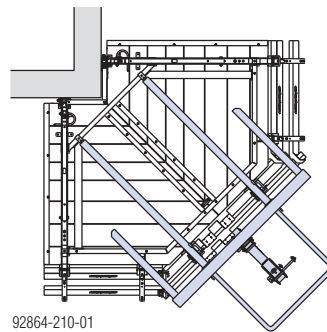


92864-212-01

a ... max. 985 mm
View from below

- A** Roof-overhang

Doka folding platform K outside corner:



92864-210-01

View from below

Using with Bracket platform M



Follow the directions in the 'Bracket platform M' User Information booklet!

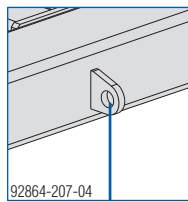
The Transport fork K/M plus makes it possible to lift and reposition the following platforms and accessories:

Bracket platform M	✓
Bracket platform M + Suspension beam M	✓
Bracket platform M + Lengthening piece M	✓
Corner transition M 1.80m	-
Corner platform decking M as the outside corner	✓
Corner platform decking M as the inside corner	✓
Platform decking M 3.00m for gap-bridging: Gap to be bridged > 2.10 m	✓
Platform decking M 3.00m + 1 Platform bracket M: Centre-distance of brackets > 2.30 m	✓

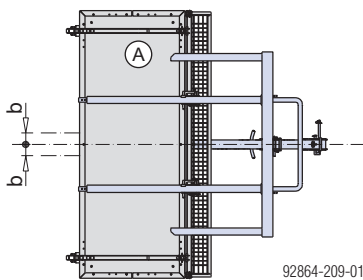
Repositioning operation



To make it easier to position the Transport fork K/M against the platform, suitably long tag-lines should be used.



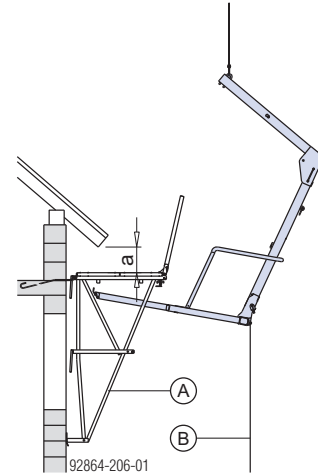
Maximum eccentric positioning to the load centre:
 $b = \text{max. } 15 \text{ cm.}$



View from below

A Bracket platform M

- ▶ Fix the tilting unit in the front pin-fixing position.
- ▶ Guide the Transport fork K/M plus beneath the platform, by means of the crane and tag-lines.

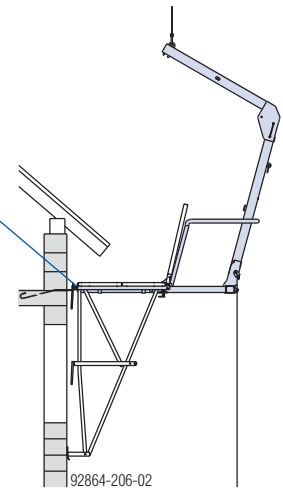
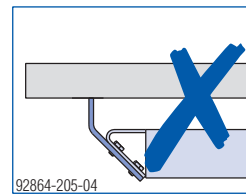
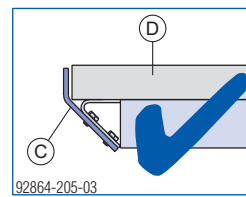


a ... min. 35 cm

A Bracket platform M

B Tag-line

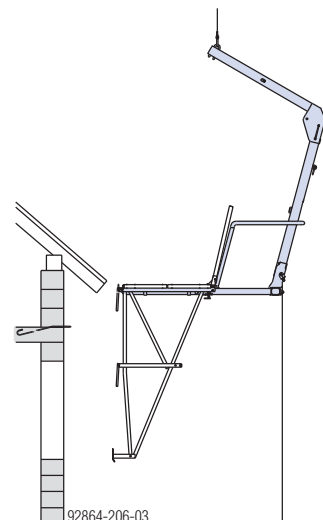
- ▶ Manoeuvre the transport fork sufficiently far in that the anti-slide-off guards project beyond the front of the platform decking.



C Anti-slide-off guard

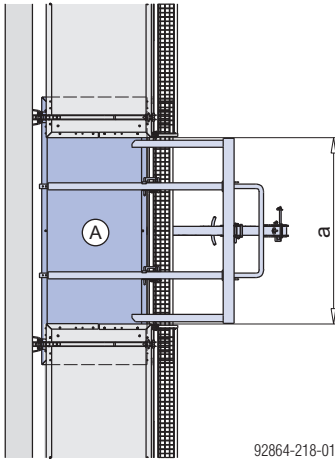
D Platform decking

- ▶ Lift the platform out of its suspension points.



Practical examples

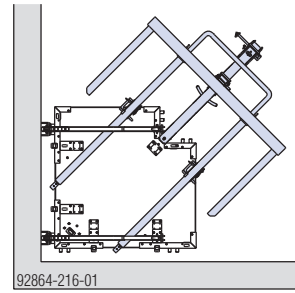
Platform decking M for gap-bridging:



a ... min. 2.10 m (gap to be bridged)
View from below

A Platform decking M 3.00m

Corner platform decking M as the inside corner:



View from below



NOTICE

Preventing collisions with neighbouring platforms:

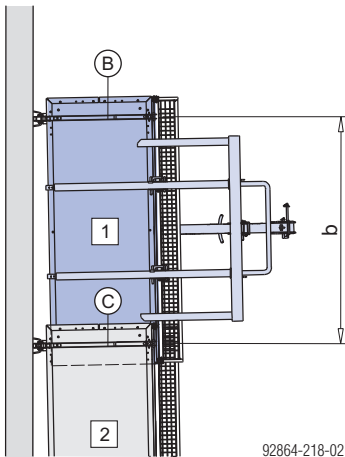
Mounting to the building:

- Mount the corner platforms to the building first.

Lifting away from the building:

- Lift the corner platforms away from the building last.

Overlapping platforms:

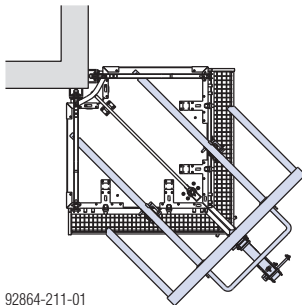


b ... min. 2.30 m (centre-distance of brackets)
View from below

B Platform bracket M of Platform decking M 1

C Platform bracket M of Platform decking M 2

Corner platform decking M as the outside corner:



View from below

Setting down and dismantling corner platforms

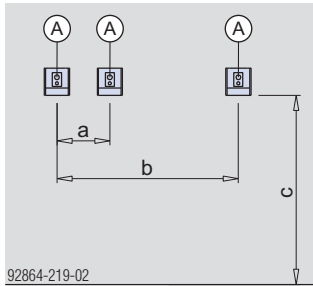


NOTICE

'Bracket platform M' corner platforms are not allowed to be set down on the ground or dismantled using the transport fork!

- ▶ First use the transport fork to temporarily hook the corner platform into the Suspension shoes M. After this, attach a four-part lifting chain and use the crane to set it down on the ground and dismantle it.

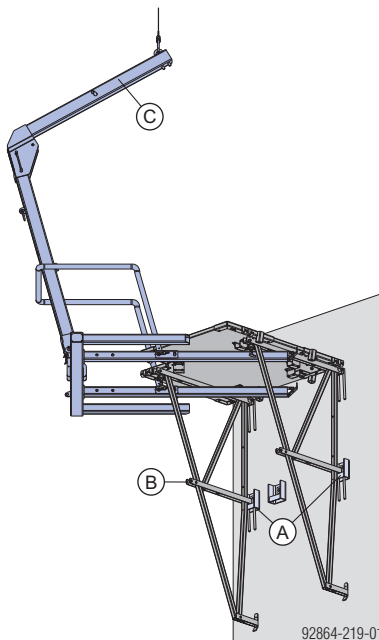
- ▶ Mount Suspension shoes M to the wall.



- a ... 350 mm (for Corner platform decking M as the outside corner)
- b ... 1200 mm (for Corner platform decking M as the inside corner)
- c ... min. 1250 mm

A Suspension shoe M

- ▶ Use the transport fork to lift the corner platform away from the building.
- ▶ Put the corner platform 'on hold' in the previously mounted Suspension shoes M.

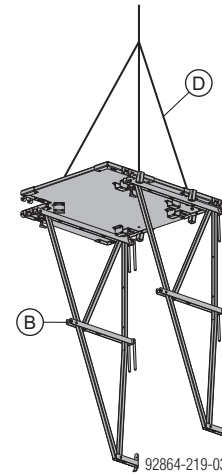


A Suspension shoe M

B Corner platform

C Transport fork

- ▶ Use the crane and a four-part lifting chain to lift off the corner platform, set it down on the ground and dismantle it.



B Corner platform

D Four-part lifting chain

Declaration of conformity



EC Declaration of Conformity
pursuant to EC Directive 2006/42/EC.

The manufacturer declares that by reason of its conception and design, the following product

Transport fork K/M plus, art. n° 583025000
Transport fork K/M plus SN, art. n° 583025500

conforms – in the version marketed by ourselves – to the pertinent fundamental health and safety stipulations of the relevant EC Directives.

The following harmonised standards were applied:

- EN ISO 12100:2010
- EN 349:1993+A1:2008
- EN 13155

Person authorised to compile technical documentation (pursuant to European Directive on Machinery Annex II):

Dipl.-Ing. Ludwig Pekarek
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Amstetten, 21/08/2018

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