

The Formwork Experts.

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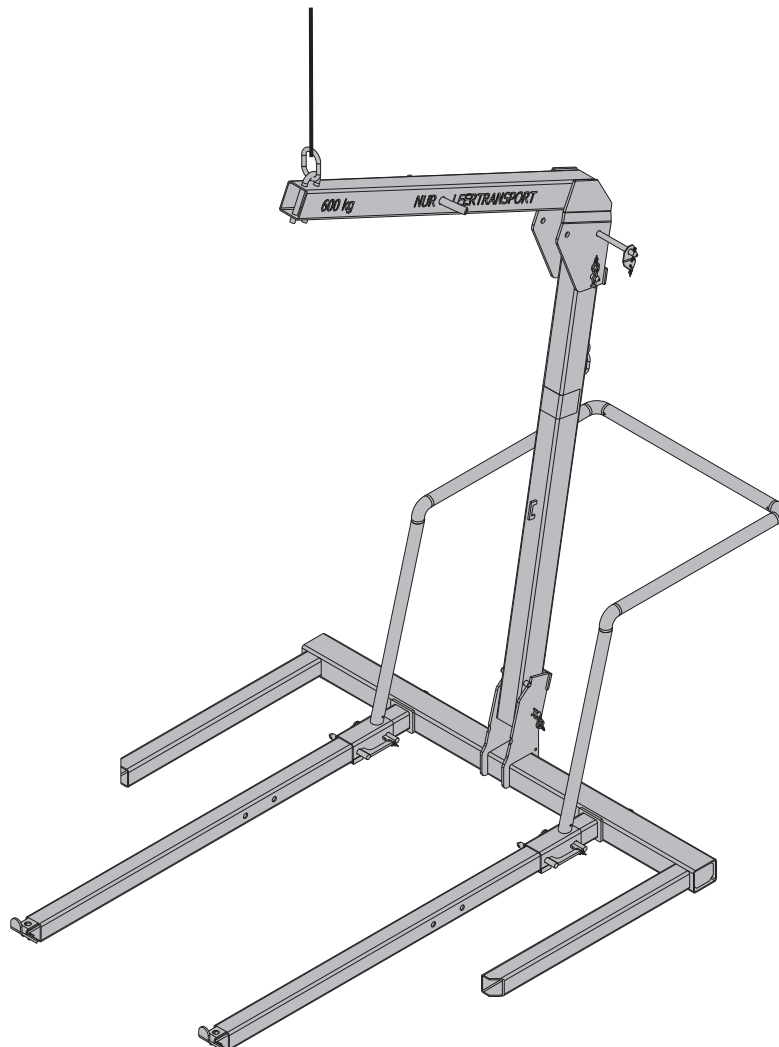
# Transport fork K/M plus

Art.n°: 583025000

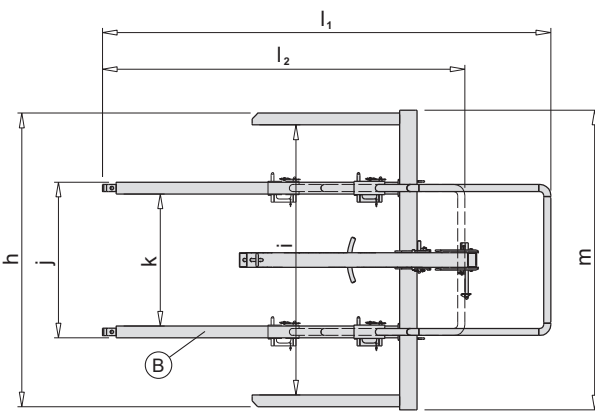
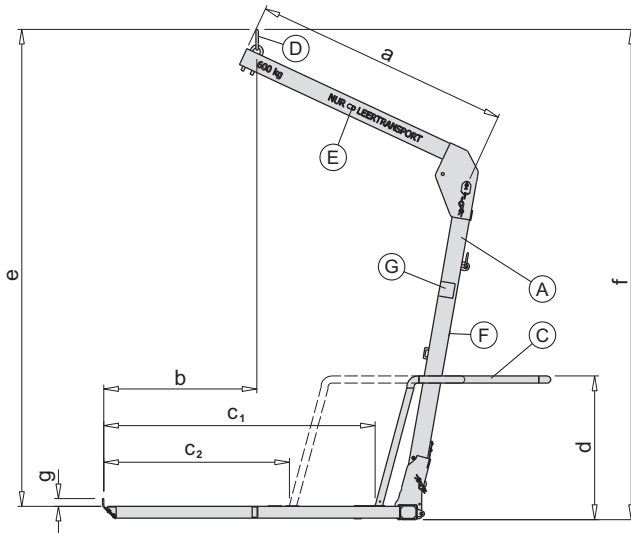
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## Original Operating Instructions

Please retain for future reference



## Product presentation



a ...	1750 mm
b ...	1045 mm
c <sub>1</sub> ...	1850 mm (when lifting Folding platform K)
c <sub>2</sub> ...	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
l <sub>1</sub> ...	3054 mm (when lifting Folding platform K)
l <sub>2</sub> ...	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

**F** Type plate

**G** Warning label

## Data on type plate

- Art. n°: 583025000
- Designation: Transport fork K/M plus
- Dead weight: 227 kg (500 lbs)
- Permitted working load limit: 600 kg (1320 lbs)
- Year of manufacture: see type plate
- Serial n°: see type plate
- QR code: Information on basis of serial numbers on [id.doka.com](http://id.doka.com)

## 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Lifting accessories that do not meet the following criteria must be withdrawn from use immediately: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.
- The type plate and all adhesive labels must be in place, and must be 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

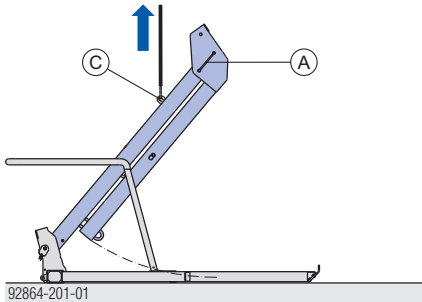
- Store lifting accessories in a dry and well ventilated place, protected from the weather and from all corrosive substances.

## Preparing the transport fork



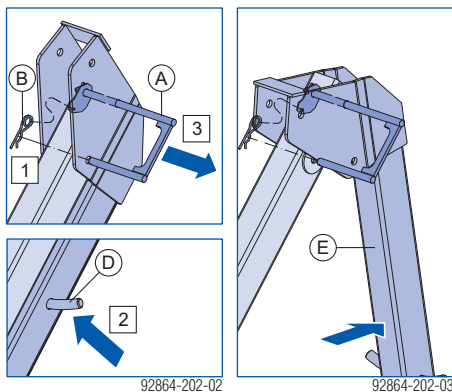
- ▶ During the crane operation, all persons must stay a safe distance away from the transport fork to avoid unsafe conditions and eliminate any hazards or exposure to injury!

- ▶ 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.



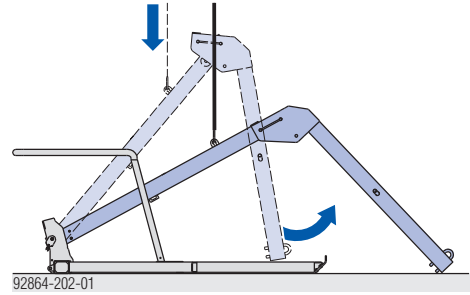
- A Fastening bolt
- C Assembly hitching-point

- ▶ 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.

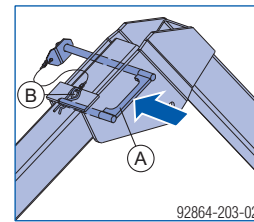


- A Fastening bolt
- B Spring cotter d5
- D Empty-transport bow
- E Carrier tube

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

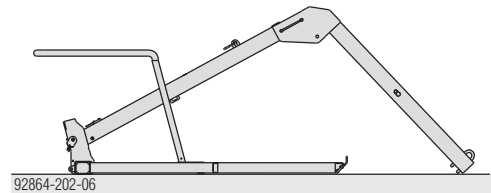


- ▶ Push the fastening bolt back in and secure it with the d5 spring cotter.



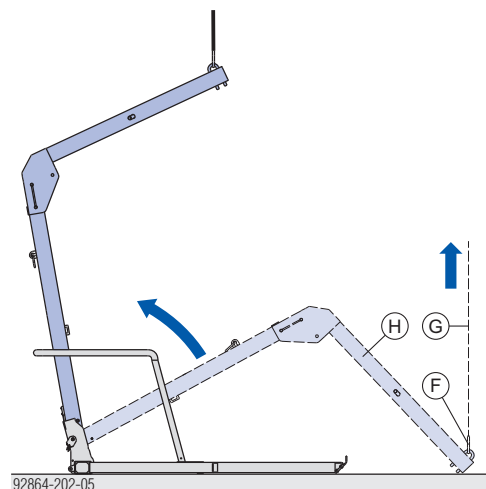
- A Fastening bolt
- B Spring cotter d5

### Completely-assembled transport fork in stand-by position:



### Readying the transport fork for operation

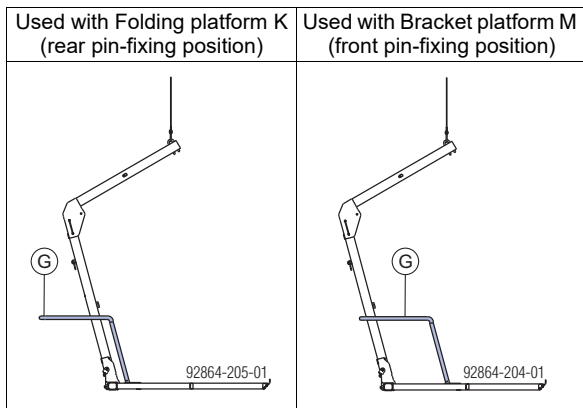
- ▶ Attach the lifting chain to the A16 hitching link.
- ▶ Raise the Lifting extension bracket by crane.



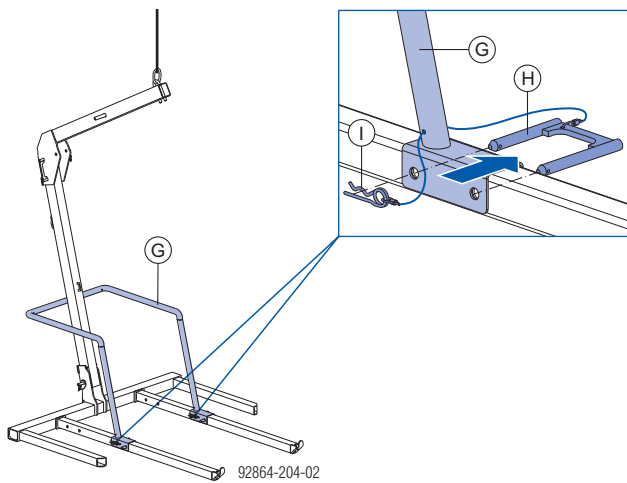
- F Hitching link A16
- G Lifting chain
- H Lifting extension bracket

The transport fork is now ready for operation.

## Adjusting the tilting unit

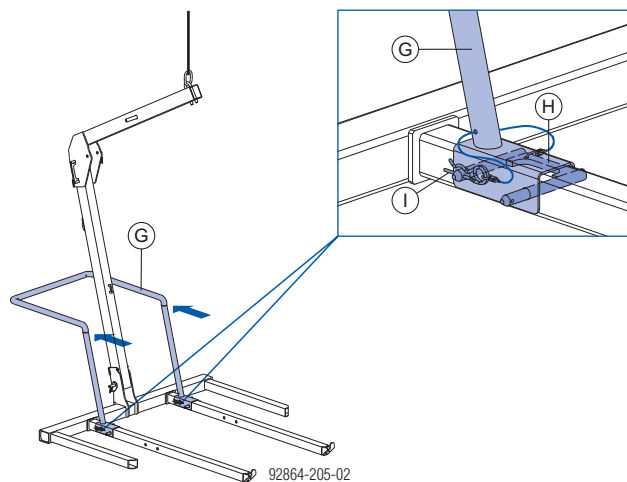


- Slightly raise the transport fork by crane.
- Undo both fastening bolts.



- 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

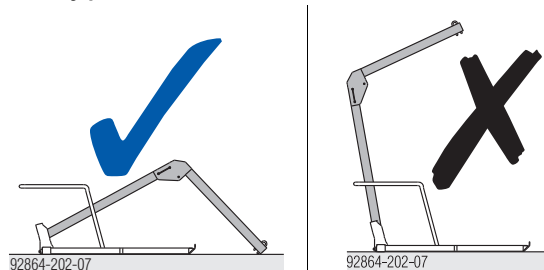
## Setting down the transport fork



### WARNING

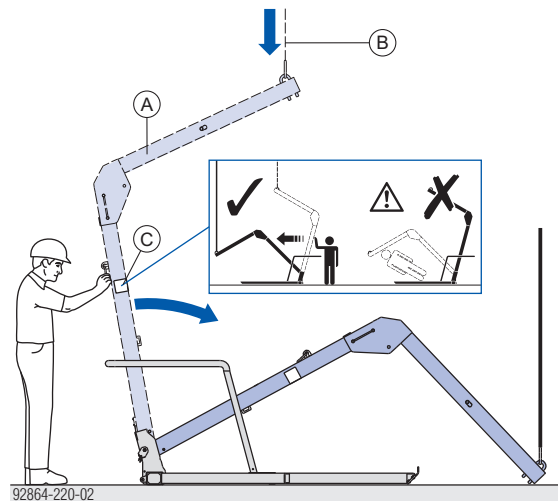
- Risk of lifting extension bracket tipping over!
- Do not remove the lifting chain until the lifting extension bracket is resting on the ground (in the stand-by position).

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.

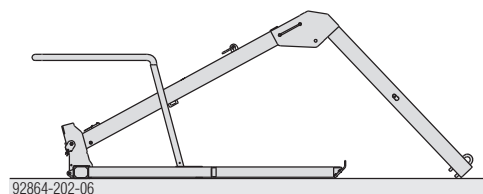
Observe the warning stickers!



- 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:

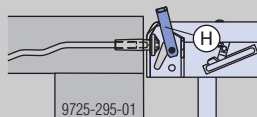
	3.00m	4.50m
Doka folding platform K	✓	✓
Doka folding platform K + Suspension beam K2	✓	✓
Doka folding platform K + Support girder	✓	-
Doka folding platform K + Suspended platform 120	✓	-
<hr/>		
Doka folding platform K inside corner		✓
Doka folding platform K outside corner		✓
<hr/>		
Closure platform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

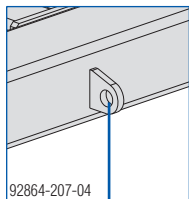
- Unlock the anti-liftout guard. Before the Folding platform K can be lifted off its suspension points, the red lifting bow (H) must be shifted into the stand-by position (fixed in the short slot).



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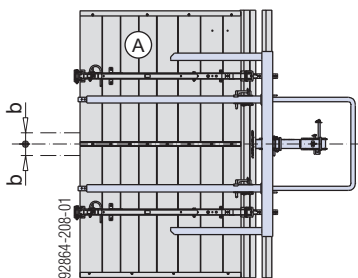


To make it easier to position the Transport fork K/M against the platform, suitably long tag-lines should be used.



92864-207-04

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

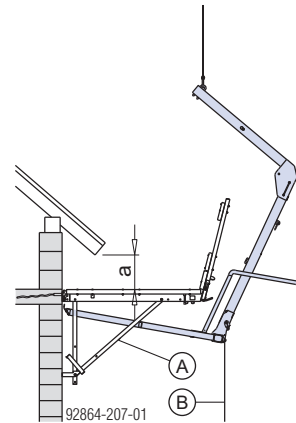


92864-206-01

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.



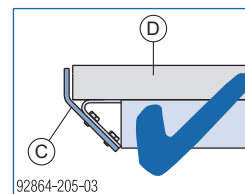
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	a
With cone-type suspension points	min. 13 cm
With loop-type suspension points	min. 30 cm

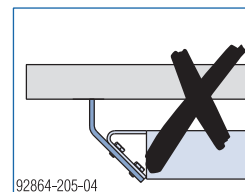
**A** Folding platform K

**B** Tag-line

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



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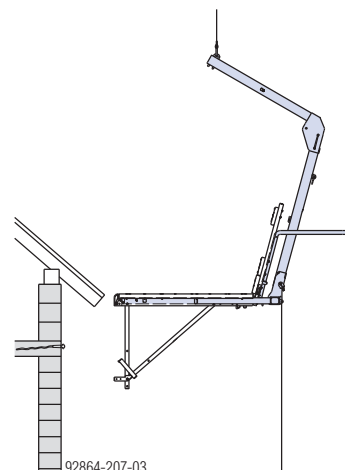


92864-205-04

**C** Anti-slide-off guard

**D** Platform decking

- Lift the platform out of its suspension points.



92864-207-03

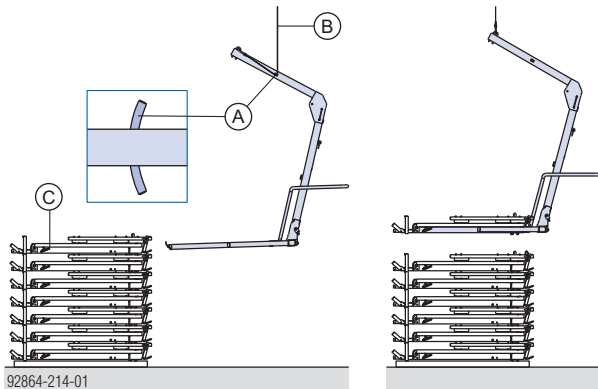
## Taking a Folding platform K off a stack



### 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!

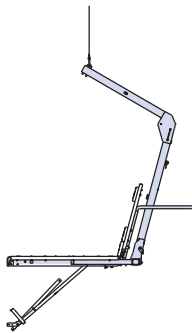
- Place the lifting sling around the empty-transport bow.
- Guide the transport fork into the stack.
- Manoeuvre the transport fork sufficiently far in that the anti-slide-off guards project beyond the front of the platform decking.
- Take the lifting sling off the empty-transport bow.



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- 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.

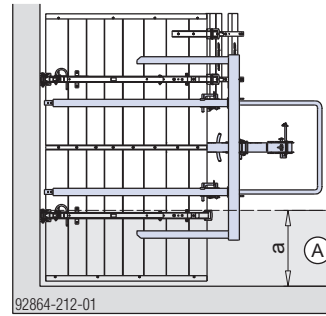


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- To stack the platforms again, repeat these steps in reverse order.

## Practical examples

### Doka folding platform K inside corner:

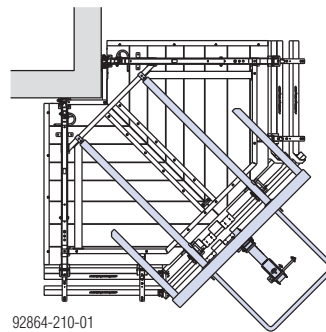


92864-212-01

a ... max. 985 mm  
View from below

- A** Roof-overhang

### Doka folding platform K outside corner:



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View from below

## Using with Bracket platform M



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

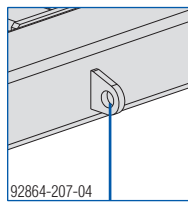
The Transport fork K/M plus makes it possible to lift and reposition the following platforms and accessories:

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	✓

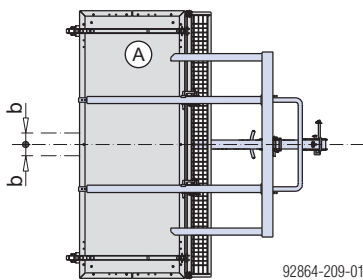
## Repositioning operation



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



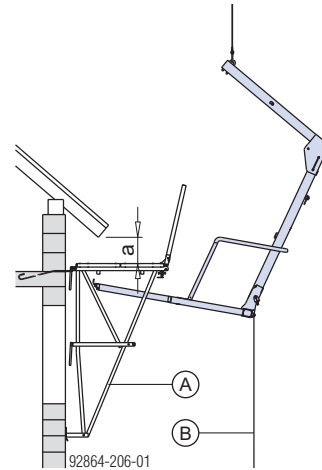
Maximum eccentric positioning to the load centre:  
 $b = \text{max. } 15 \text{ cm.}$



View from below

**A** Bracket platform M

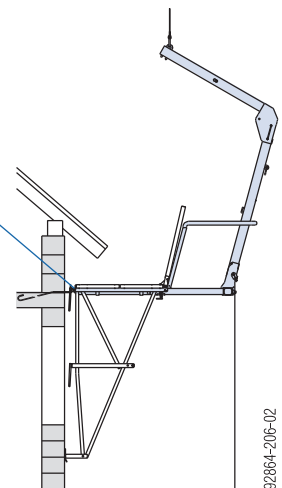
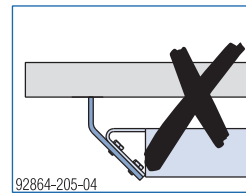
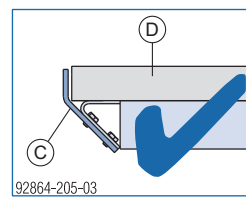
- ▶ Fix the tilting unit in the front pin-fixing position.
- ▶ Guide the Transport fork K/M plus beneath the platform, by means of the crane and tag-lines.



a ... min. 35 cm

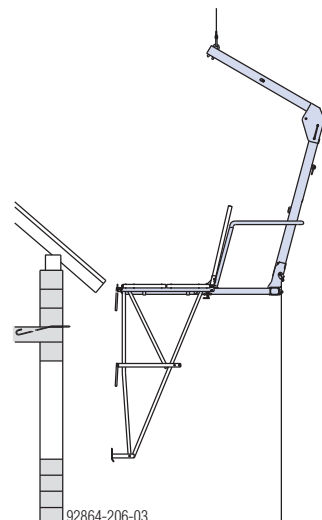
- A** Bracket platform M
- B** Tag-line

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



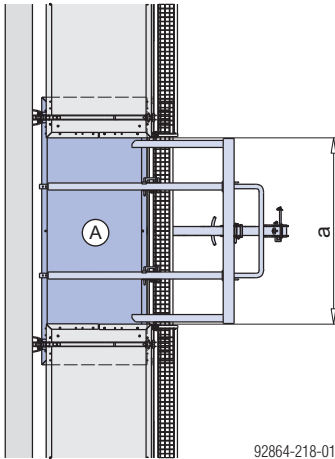
- C** Anti-slide-off guard
- D** Platform decking

- ▶ Lift the platform out of its suspension points.



## Practical examples

### Platform decking M for gap-bridging:

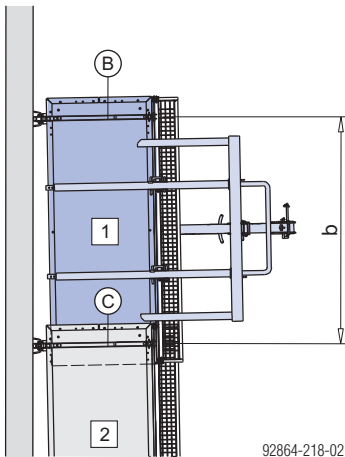


a ... min. 2.10 m (gap to be bridged)

View from below

**A** Platform decking M 3.00m

### Overlapping platforms:



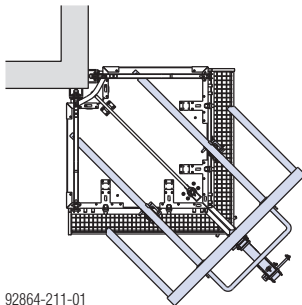
b ... min. 2.30 m (centre-distance of brackets)

View from below

**B** Platform bracket M of Platform decking M 1

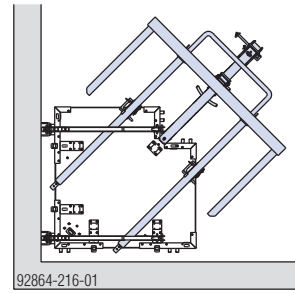
**C** Platform bracket M of Platform decking M 2

### Corner platform decking M as the outside corner:



View from below

### 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.



## Setting down and dismantling corner platforms

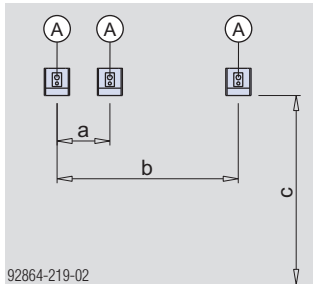


### NOTICE

'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.

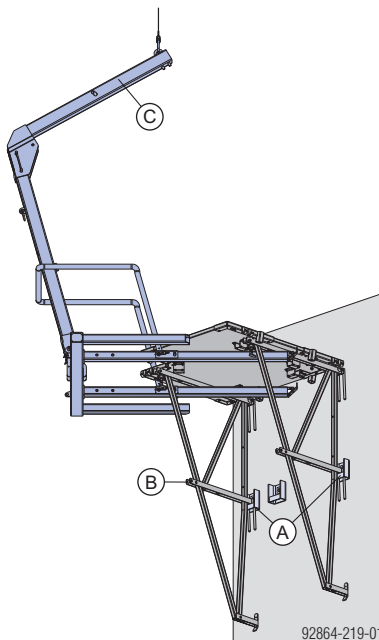
- ▶ Mount Suspension shoes M to the wall.



- 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.

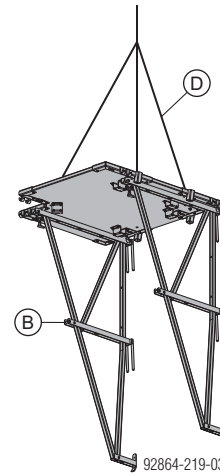


**A** Suspension shoe M

**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**

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
- EN ISO 13854
- EN 13155

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

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Amstetten, 19/04/2024

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