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en-GB

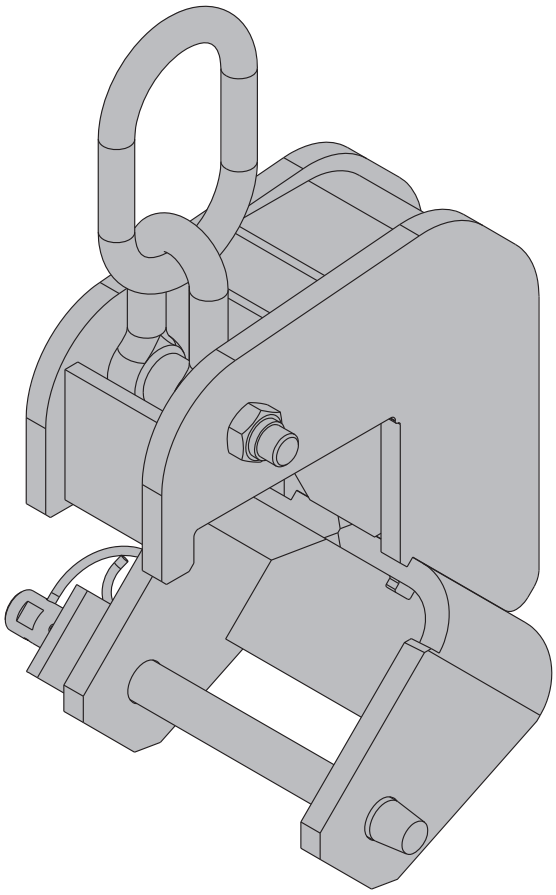
The Formwork Experts.

Framax lifting hook 20kN

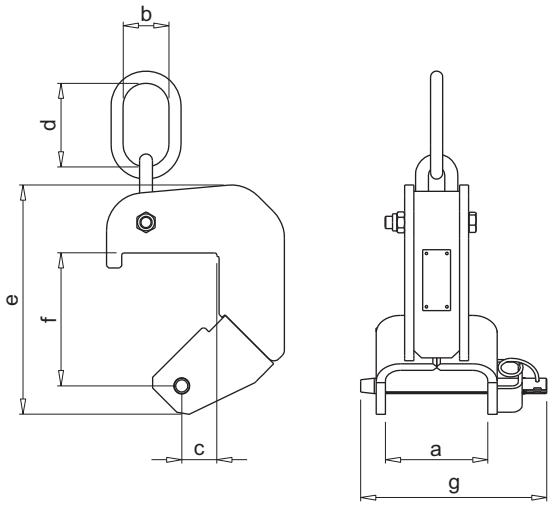
Art. n° 588526000, 588526500 | 2001 models onward

Original Operating Instructions

Please retain for future reference



Product presentation



a ... 135 mm (5 1/4")
b ... 60 mm (2 3/8")
c ... 49 mm (2")
d ... 110 mm (4 1/4")
e ... 301 mm (12")
f ... 175 mm (7")
g ... 245 mm (9 5/8")

Data on rating plate

Designation: Framax lifting hook 20kN, Framax lifting hook 20kN SN
Art. n°: 588526000, 588526500
Dead weight: 12.8 kg (28.2 lbs)
Max. lifting capacity: 2000 kg (4400 lbs)
Year of manufacture: see rating plate

CE

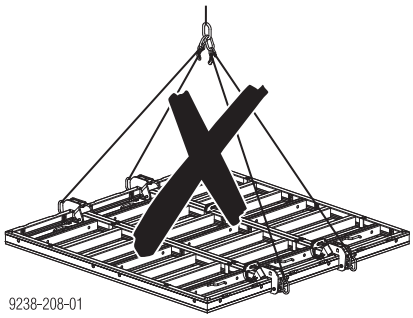
Intended use

The Framax lifting hook 20kN is a lifting accessory. It is used for repositioning gang-forms assembled from Framax panels. It must always be positioned over the join between two panels (intended use).

- Framed formwork Framax Xlife
- Framed formwork Framax S Xlife
- Framed formwork Framax Xlife plus
- Framed formwork Framax eco

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' formwork with it.
- Use of the lifting hook on panels with damaged (e.g. dented or bent) profiles is not permitted.
- The lifting hook must NOT be used for handling horizontally placed (flat) gang-forms.



Suitable hooks, lifting appliances or slings

Comply with the following instructions when selecting suitable hooks, lifting appliances and slings for use with Doka lifting accessories:

- Each sling must be of the correct shape and size to ensure that the Doka lifting accessory is seated correctly in the hook, lifting appliance or sling.
- Compliance with all applicable **safety regulations and standards** is required.

In the event of non-compliance with these instructions, the user increases the risk of accidental detachment of the load and the potential for injury to the persons and/or property.

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 the lifting hook for any signs of damage or visible deformation (over-elongation).

Pay particular attention to the following points:
- Crack-free and notch-free welds.
- No deformation.
- Rating plate must be in place and clearly legible
- Safety bolt and locking spring must be in good working order.

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.

Positioning the lifting hooks

NOTICE

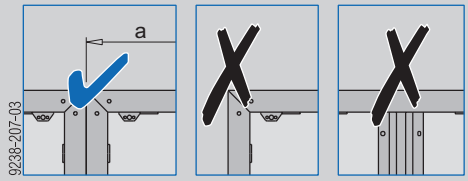
Use a 2-part lifting chain with a load-bearing capacity of at least 4000 kg (8800 lbs)!

- Suspend the gang-form symmetrically (centre-of-gravity position).
- Spread angle β max. 30°!

WARNING

➤ Position the Framax lifting hook 20kN **only at the inter-panel joint**!

The following positions are prohibited:
- At outside edge of panel
- Panel longside horizontal: above cross profile



a ... min. 0.45 m (11 3/4")

Note:

Positioning is **not** possible in the case of the following panels:
- Framax Xlife universal panel
- Framax Xlife pilaster panel

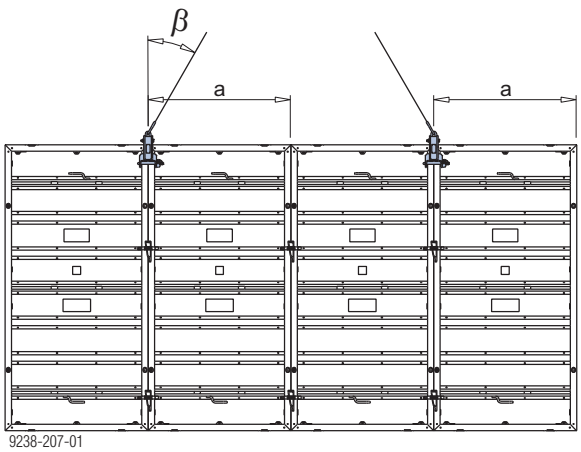
Note:

Collision with safety pin during assembly!

Positioning to the **left** beside the following panels is **not** possible:
- panel with panel width 0.30 m (11 3/4")
- inside corner, hinged corner, stripping corner

Max. load-bearing capacity: 2000 kg (4400 lbs) / lifting hook

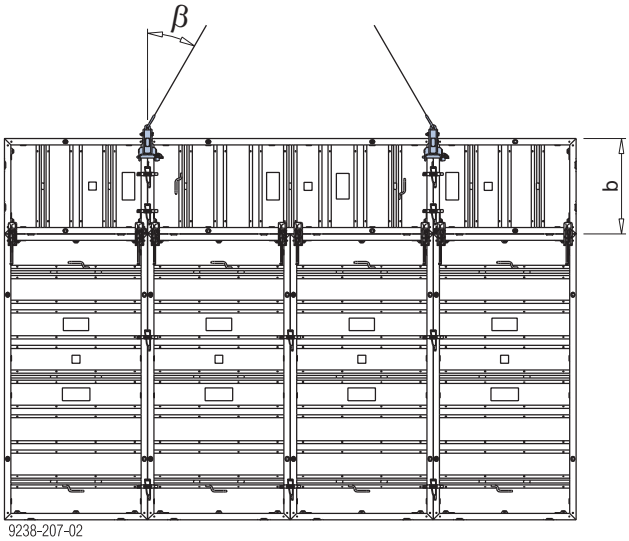
Gang-form with panels longside vertical



a ... min. 0.45 m (17 3/4")

Gang-form with panels longside horizontal

Positioning of the Framax-lifting hook 20kN is possible with the panels longside horizontal, as of a panel width of 0.75 m (2'-5 1/2").

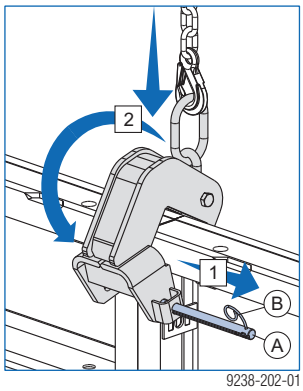


b ... ≥ 0.75 m (2'-5 1/2")

How to operate the lifting hook

1) Pull out the safety bolt as far as it will go.

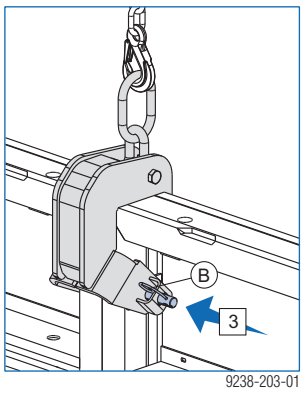
2) Slot the Framax lifting hook 20kN onto the frame profile and swivel it downwards.



A Safety pin

B Locking spring

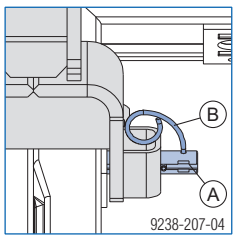
3) Push the safety bolt through the transverse sleeves of both frames, as far as it will go.



B Locking spring

The locking spring must engage.

Perform a sight-check to make sure that the safety pin **(A)** is inserted and locking spring **(B)** is engaged!



Stripping and repositioning the panels

Before repositioning: Remove any loose items from the formwork and platforms, or secure them firmly.

NOTICE

➤ Make sure the tag-lines are long enough to enable the holders to stay outside the danger zone at all times.

WARNING

The formwork tends to adhere to the concrete. When stripping the formwork, do not try to break concrete cohesion using the crane!

Risk of injury and damage to property due to crane overload.

➤ Use suitable tools such as timber wedges or a special pry-bar to detach the formwork from the concrete.

➤ Crane-lift the gang-form to its next location (guide with tag-lines if necessary).

Declaration of conformity

CE

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

Framax lifting hook 20kN, art. n° 588526000
Framax lifting hook 20kN SN, art. n° 588526500

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 ISO 12100-2:2009
- EN 349:1993+A1:2008

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

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