



NOEtop Crane Hook






Operating Instructions
07.2025

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Key:

	Attention!
	Note
	Visual inspection

Read and observe the operating instructions. Keep them readily accessible for future reference at the crane's point of use, so that they can be consulted whenever needed.

1 Operating Instructions

1.1 Product features

NOEtop Crane hook

Part No.	135905
Serial no.:	XXXX (consecutive)
Load capacity	1.2-2 t
Self-weight	6.25 kg
Construction year	20XX

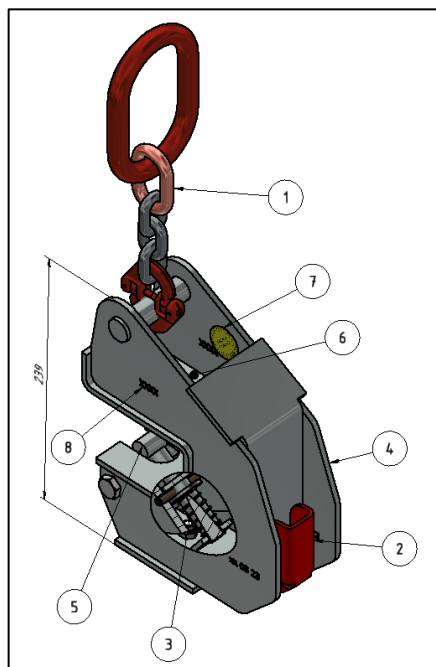


Figure 1 Crane hook



1	Suspension chain
2	Actuating lever (red)
3	Compression spring
4	Housing
5	Safety pin
6	Nameplate with area for stamp
7	Inspection sticker
8	4-digit batch number



Operation of load-bearing equipment in accordance with DGUV Rule 109-017

1.2 Safety advice



Safety notes for operating lifting equipment in accordance with DGUV Rules 109-017

1. When operating the NOEtop crane hook observe the information in the operating instructions.
2. The contractor shall ensure that the operating instructions supplied together with the equipment by NOE are kept readily accessible at the crane's point of use, so that they can be consulted whenever needed.
3. The contractor may only entrust tasks involving the independent handling of lifting equipment to individuals experienced with dealing with such tasks.
4. The NOEtop crane hook must not be used in such a way that might endanger the safety of individuals.
5. The NOEtop crane hook must not be loaded beyond its rated load (Abbildung 2 : Typenschild) capacity.
6. Formwork elements must not be transported with loose parts lying on them.
7. Loads must be taken up and set down in such a way that they cannot accidentally tilt over, collapse, slide off or roll off.
8. The ropes and chains used must not be tensioned across sharp edges on loads.
9. Steel wire cables and round steel chains must not be knotted.
10. Twisted chains must be straightened out before being used to raise a load.
11. Loads must not be set down on the NOEtop crane hook, due to the risk of damage to the hook.
12. The NOEtop crane hook must be protected against weathering and corrosive substances, as these may impair its safety and operational reliability.
13. Persons using the NOEtop crane hook must keep an eye open for signs of any obvious defects, such as deformation, cracking, breaks or missing markings.
14. It is the contractor's responsibility to ensure that NOEtop crane hooks with defects that may put safety at risk are taken out of circulation.
15. It is the contractor's responsibility to ensure that any necessary repairs to the NOEtop crane hook are made exclusively by the manufacturer.
16. It is the contractor's responsibility to ensure that an NOEtop crane hook is only used after it has been inspected and approved by an expert and not until any defects detected have been rectified.
17. It is the contractor's responsibility to ensure that the NOEtop crane hook is inspected by an expert at intervals of no more than one year, and that the checking procedure is confirmed by means of an inspection stamp.

18. It is the contractor's responsibility to ensure that the NOEtop crane hook is submitted to an expert for special inspection following damage or specific events which may affect its load capacity, as well as after repairs.

1.3 Proper use

These operating instructions contain information about the handling and proper use of the NOEtop crane hook.

The NOEtop crane hook is a lifting device for moving NOEtop, NOEtop 2000, NOEtop4, and NOEtop aluminium formwork elements.




The use of this device for handling elements from other formwork systems is not permitted.

It is used to lift individual NOE formwork elements, or groups of elements linked sufficiently rigidly from an upright or horizontal position. When horizontal, the front side of the formwork may be facing either upwards or downwards.



The NOEtop crane hook must not be used to reposition damaged elements and groups of elements that are not linked sufficiently rigidly!

The elements must only be transported when in an upright suspended position. The transporting of stacks of elements lying one on top of the other is not permitted. The NOEtop crane hook can be used in ambient temperatures from - 20 °C to + 60 °C. Only use equipment if it is in perfect condition! Damaged NOEtop crane hooks must be taken out of circulation!

	<p>The fixing point on the panel must likewise be free from soiling that may impair its function, and be in perfect working order.</p>
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	<p>Use only original NOE parts as spares!</p>
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Furthermore, the latest version of the relevant national safety regulations must be complied with (e.g. in Germany, the accident prevention regulations for safety and health at work, DGUV 109-017 - Operation of load-bearing equipment and slings in hoisting operations) apply in their latest version.

	<p>It is strictly forbidden to transport persons on the load or to pass underneath the suspended load!</p>
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2 Using the crane hook


2.1 Type plate

The labelling on the type plate



(see Abbildung 2 : Typenschild) complies with DGUV 109-017


Valid from 08/2025

Valid until 08/2025




NOE®top Kranbügel







Teile-Nr. part no.	135905		T Stähle/steel	T Alu
Baujahr / year Seriennummer / serial no.	siehe Gehäuse see housing	90°	2,0 t	1,0 t
		60°	1,5 t	0,75 t
		45°	1,2 t	0,6 t

Betriebsanleitung beachten! Observe the operating instruction !
NOE-Schaltechnik Kuntzestrasse 72, 73079 Suesen, Germany




NOE®top Kranbügel

Teil-Nr. Part no.	135905		T
Baujahr Construction year		90°	2,0 t
		60°	1,5 t
		45°	1,2 t

Betriebsanleitung beachten! Observe the operating instruction!
NOE-Schaltechnik Kuntzestr. 72, 73079 Suesen,Germany

Figure 2: Type plate




The NOEtopcrane hook must not be used if the type plate is missing, illegible or incomplete. A new plate may only be affixed by NOE.

2.2 Inspection sticker



Figure 3: Inspection sticker



The NOEtop crane hook must not be used if the inspection sticker is missing or illegible. The hook must be resubmitted for testing in order that a new badge can be issued.

2.3 Load capacity

NOE® top Kranbügel CE			
Teile-Nr. part no.	135905	∠	T Stahl/steel T Alu
Baujahr / year Seriennummer / serial no.	siehe Gehäuse see housing	90°	2,0 t 1,0 t
		60°	1,5 t 0,75 t
		45°	1,2 t 0,6 t

Betriebsanleitung beachten! Observe the operating instruction!
NOE-Schaltechnik Kuntzstrasse 72, 73079 Suessem, Germany

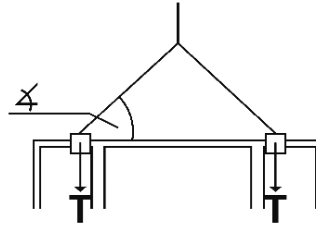


Figure 4: Information on type plate



The maximum permissible load capacity is 1,2–2 t for steel formwork and 0,6–1 t for aluminium formwork, depending on the angle of the suspension as shown in figure 4 or figure 2. When combining aluminium and steel formwork, the lower value applies!

2.4 Attaching NOEtop crane hook



When transporting several panels linked together, the suspension points must lie on panel butt joints (see Section 2.5). This prevents the crane hook slipping sideways. The two NOEtop crane hooks should also be secured symmetrically with respect to the load's centre of gravity.

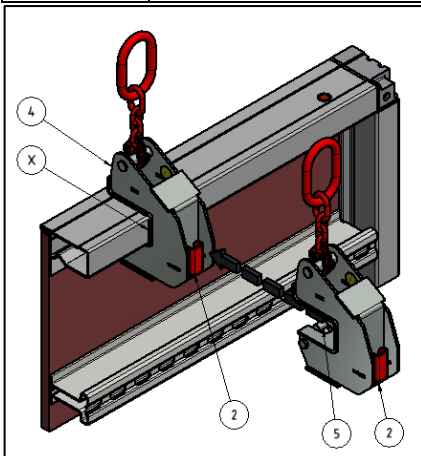



Figure 5: Attaching NOEtop crane hook

Push the crane hook into the NOEtop profile as illustrated in Fig. 5, until it engages in the profile (see 7). The retaining bolts (5) will engage automatically in the profile.

	<p>Check that the actuating lever (2) retracts fully to its initial position (see Fig. 5) on the NOEtopcrane hook (4).</p>
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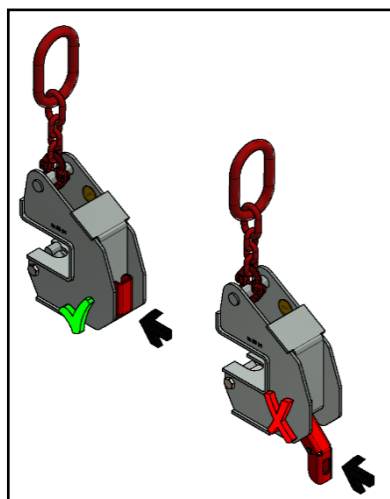


Figure 6: Locking

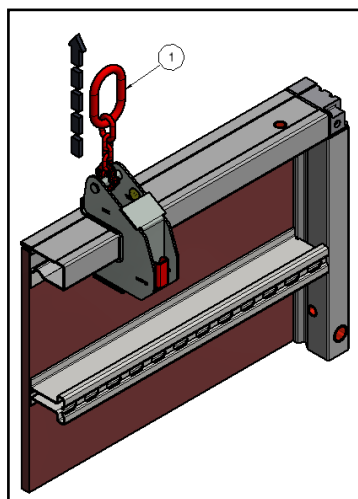







Fig. 7: Lifting

Raise the suspension gear as illustrated in Fig. 7.

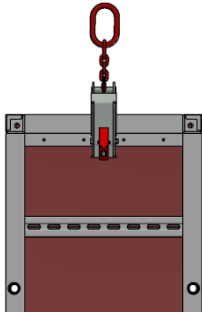
The use of the NOEtop crane hook to transport NOE formwork elements is subject to the following safety notes:

	<p>Do not attach the crane hook directly to the suspension element.</p>
	<p>Only use suspension gear with sling chains.</p>

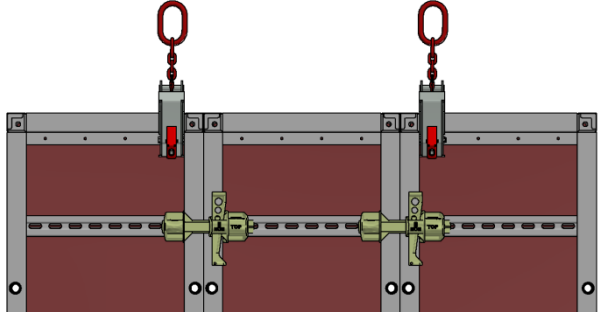
The sling chains must be able to move freely in the suspension element. Use only hooks with a safety device to prevent accidental disengaging.

	<p>The crane must not be used as an aid to release formwork elements from concrete! This would risk overloading the NOEtop crane hook and the sudden separation of the elements from the concrete results in uncontrolled movements of the formwork elements, thereby constituting a serious risk of injury.</p>
	<p>Never set down the load suddenly.</p>
	<p>Set down the load in such a way that the actuating lever (Fig. 5) cannot strike against or the NOEtop crane hook come to rest on an obstructing object.</p>

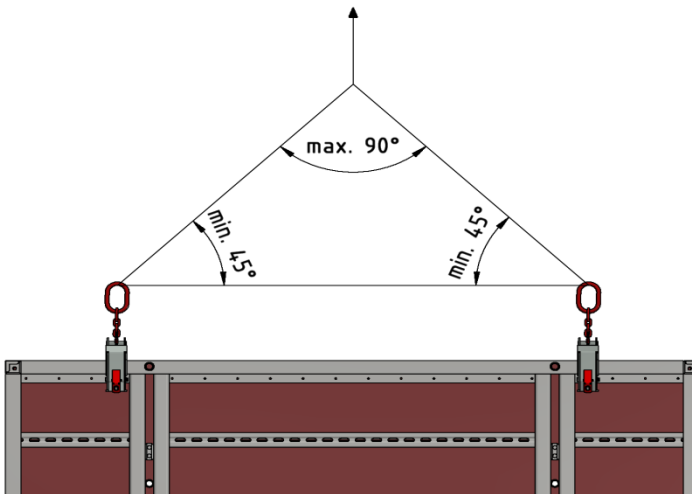
2.5 Moving loads



When transporting an individual panel ($b \leq 1325\text{mm}$), the crane suspension point must always be positioned centrally on the panel.



When transporting more than one panel, the crane suspension point must always be positioned at butt joints between panels. Due to the danger of slipping the crane hooks must be attached on the left and right of the formwork.



Due to the danger of slipping, attach crane hooks outside the bracing.
Transporting panels with $b \geq 2400\text{ mm}$

Fig.8: Moving loads

2.6 Detaching NOEtop crane hook



Before releasing the NOEtop crane hook, always ensure that the formwork elements are resting and supported in a sufficiently stable manner.

Elements that are not adequately secured could fall over when the NOEtop crane hook is released and cause serious injury.

The NOEtop crane hook is detached as illustrated in Fig. 9.

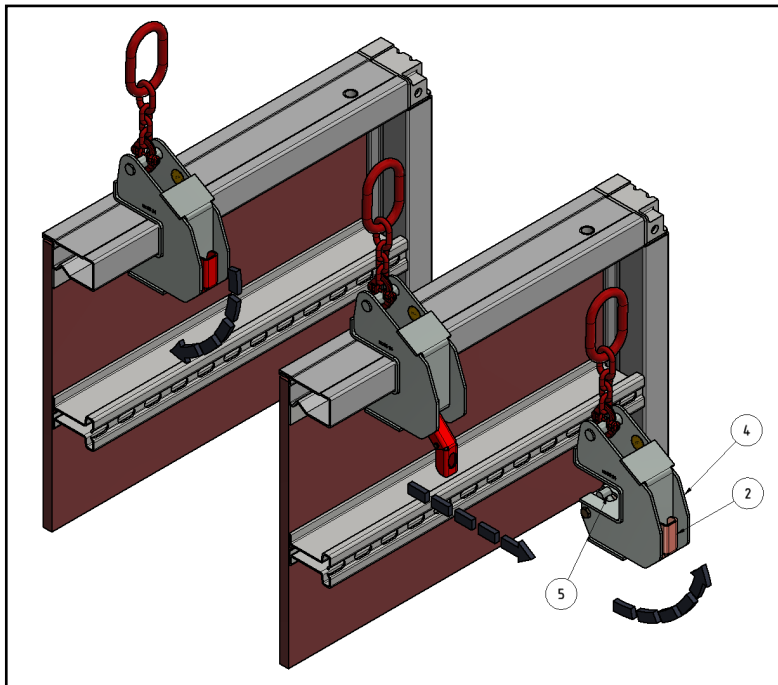


Figure 9: Detaching crane hook

Pull the actuating lever (2) out and down so that it stands away from the housing (4) to release the retaining bolt (5). Pull the crane hook back to remove it (Fig. 9).



Check that the actuating lever (2) retracts fully to its initial position (see Fig. 5) on the NOEtop crane hook (4).

When picking up or setting down a formwork element that is lying flat, face upwards, squared timber at least 20 cm thick must be placed underneath it before the *NOEtop* crane hook can be used. Stacked formwork elements can be made accessible by sliding them sideways.

3 Appendix

3.1 EC declaration of conformity

CE EC Declaration of Conformity

In accordance with EU Machinery Directive 2006/42/EC, Annex II 1A

We hereby declare that the following product conforms to the fundamental health and safety requirements of the EC Directive 2006/42/EC on the basis of its design and type, and in the version brought into circulation by us. Any modifications made to the product without our approval render this declaration invalid.

Manufacturer:

NOE-Schaltechnik
Georg Meyer-Keller GmbH + Co. KG
Kuntzestrasse 72
73079 Süssen, Germany

Description and identification of the product:

- Application area: NOEtop wall formwork, NOEtop Alu wall formwork, NOEalu L wall formwork
- Type: load suspension device
- Part number: 135905 / 402621
- Description: NOEtop crane hook / NOEalu L crane hook

Harmonised standards applied, in particular:

- DIN EN ISO 12100: 2011-03: Safety of Machinery - Risk Assessment
- DIN EN 1677-1: 2009-03: Components for slings – Forged steel components
- DIN EN 818-1: 2008-12: Short link chain for lifting purposes
- DIN EN ISO 13854: 2020-01: Safety of machinery – Minimum gaps

Other technical standards and specifications applied:

- DGUV Rules 109-017: Accident prevention regulations

Authorised person for the technical documentation:

Dipl.-Ing. (FH) Dietmar Kieß
Kuntzestrasse 72
73079 Süssen, Germany

Süssen, 31.07.2025

A handwritten signature in blue ink, appearing to read "Stefan Blessing".

Dipl.-Oec. Stefan Blessing
CEO

A handwritten signature in blue ink, appearing to read "Dietmar Kieß".

Dipl.-Ing. (FH) Dietmar Kieß
Authorised Signatory/Technical Manager

3.2 Checks and maintenance

3.2.1 General

When testing the NOEtop crane bracket, the relevant paragraphs of DGUV Rule 109-017 'Operation of load-bearing equipment and slings in hoisting operations' in the latest version have to be taken into account.

Of particular importance are Sections 8 "Inspection prior to first use" and "Scheduled inspections" as well as "Extraordinary inspections" (each of these inspections must be carried out by an expert).

DIN 685 Part 5 "Round steel link chains" (Utilisation) also applies.

3.2.2 Scope

These checking instructions apply for regular repeated checks, or checking after specific events, of the following load suspension equipment manufactured and sold or hired out by NOE-Schaltechnik:

Description	NOEtop Crane hook
Part No.	135905
Load capacity	1,2 t bis 2 t bzw. 0,6 t bis 1 t depending on the formwork type and the existing angle of the suspension device according to figure 2:Typenschild
Self-weight	6.25 kg

3.2.3 Purpose

The regular repeated checking of the load suspension equipment assures its operational safety and reliability and excludes any potential risk of accidents.


The inspections must be carried out at regular intervals (in Germany at least every 12 months).

Depending on the operating conditions, it may be necessary to perform inspections more frequently.

3.2.4 Scope of checks

Inspection prior to first use in accordance with DGUV Rules 109-017, largely comprises a visual inspection and functional check.

This involves checking the condition of the component and its functional reliability.

	<ul style="list-style-type: none"> - Wear (in particular pins), corrosion. - Check control dimension 54 mm +2. - Are any parts missing? - Chain (see DIN 685 Part 5 ^{SEP} Sections 4.1 and 4.2) and DGVU Rules 109-017, , para. 3.15.4 Scope of checks (Germany). - Cracking of weld seams and ^{SEP} component parts. - Dimensional changes in the load suspension equipment. <p>Functional check:</p> <ul style="list-style-type: none"> - Tension spring for safety catch - Unobstructed movement of moving parts - Attaching the NOEtop crane hook to a NOEtop element
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3.2.5 Maintenance

The free movement of the safety catch must be assured. Any and all evidence of soiling of the NOEtop crane hook which may impair its function (residual concrete, etc.) must be removed.

The fixing point on the panel must likewise be free from soiling that may impair its function, and be in perfect working order.

The following dimensional checks must be carried out:

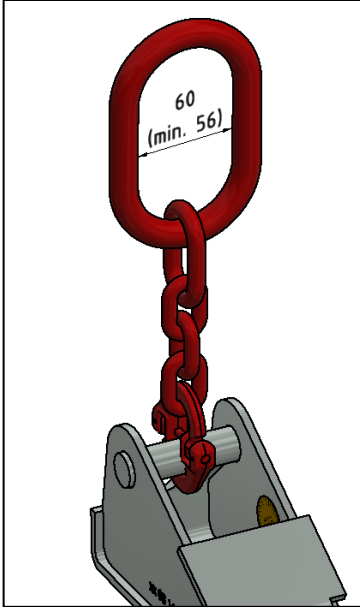


Fig. 10: Check dimension: Oval ring

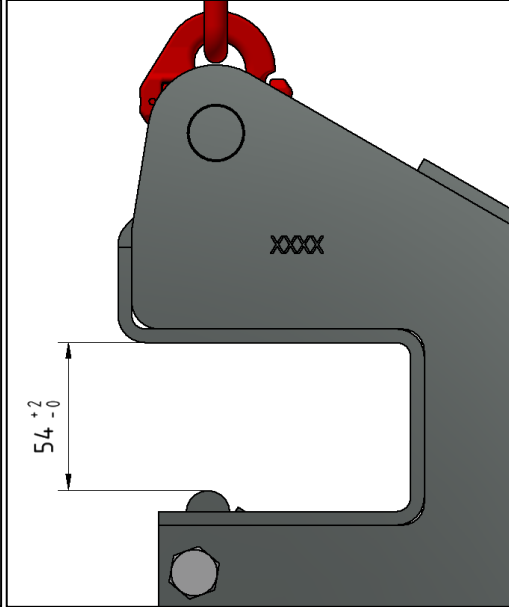


Fig. 11: Check dimension: Width of opening

NOEtop crane hooks which do not pass the dimensional check must be taken out of circulation!



Any repairs may only be carried out by the manufacturer.

3.2.6 Responsibility

The operator (or a designated safety consultant) is responsible for ensuring that the load suspension equipment undergoes regular repeated safety checks as per specification. Safety checks on this load suspension equipment may only be performed by trained - personnel (in Germany: expert as defined by accident prevention regulation DGUV Rules 109-017).

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