

The Formwork Experts.

Lifting beam TLS 67kN

Art.n°: 58 6326 500 | 2013 models onward

Original Operating Manual

Please retain for future reference



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Conformity Declaration

EC Declaration of Conformity



The manufacturer

GEDA-Dechentreiter GmbH & Co. KG
Mertinger Str. 60
DE-86663 Asbach-Bäumenheim

declare that the subsequently designated product, based on its design and construction type, as well as on the specific model entered into commerce by us, conforms to the pertinent, fundamental health and safety requirements of the EC directives.

Designation / Type: **DOKA Lifting beam TLS 67kN**

<u>Directives:</u>	<u>Applied</u> <u>conformity evaluation procedure:</u>
2006/42/EC Machinery Directive	Appendix VIII

This declaration becomes null and void if any modifications are made to the product, which have not been approved by the manufacturer.
Authorised representative for technical documentation is the signatory.
Address refer to manufacturer.

Johann Sailer
(Managing Director
GEDA-Dechentreiter GmbH & Co. KG)

Asbach-Bäumenheim 2013/07/03




Introduction

Information about the instruction manual

You will see a series of illustrations and symbols whilst reading this manual which are intended to help you navigate through and understand this manual. The different meanings are explained below.

Text display	Meaning
Bold type	Emphasises particularly important words/passages
• List 1	Denotes lists
– List 2	Denotes lists
(brackets)	Item numbers
➤ Instruction	Handling instructions for the personnel always in chronological sequence

The **structural elements** in this operating manual appear as follows and have the following meaning

Warning level	Consequence	Probability
 DANGER	Death / serious injury	is imminent
 WARNING	serious injury	possible
 CAUTION	minor injury	possible
CAUTION	tangible damage	possible



Attention note

This is found at points where special information or rules and prohibitions regarding damage prevention are given in order to prevent damage to the machine.



Note

This is found at points where information is given about using the machine economically or instructions are given regarding correct working procedures.

Name and address of the manufacturer

GEDA Dechentreiter GmbH & Co. KG
Mertinger Strasse 60
86663 Asbach-Bäumenheim
Tel.: +49 (0)9 06 / 98 09-0
Fax: +49 (0)9 06 / 98 09-50
E-Mail: info@geda.de
Web: www.geda.de

Address Doka

Doka GmbH
Josef Umdasch Platz 1
3300 Amstetten
Austria
Tel.: +43 7472 605-0
Fax.: +43 7472 66430
oesterreich@doka.com
www.doka.com


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Violations are an offence and incur an obligation to pay compensation. All rights to exercise industrial property rights are reserved by **GEDA**.

General safety information

The safety information must be read and observed by all persons who work with the lifting beam TLS 67kN.
Attached notices and warning signs must be observed!

	WARNING
	Non-observance of the safety instructions can result in a risk for persons, the load lifted and also to the environment. Non-observance of the safety instructions will result in the loss of all claims of liability.

Safety notes

- Keep unauthorised persons away, set up warning notices if necessary.
- Use the lifting beam TLS 67kN with an awareness of hazards, in technically flawless condition and according to the instructions in this manual.
- Any arising uncertainties must be clarified. Operation is prohibited until this matter has been clarified.
- Responsibilities for different activities must be clearly identified and adhered to.

Intended use

The lifting beam TLS 67kN is a device that is only intended for lifting and moving the table lifting system TLS.

Other applications are forbidden.

Limits of the lifting beam TLS 67kN

Use is only permitted when complying with:

- the max. permissible load-bearing capacity
- the safety information
- the defined operating and environmental conditions
- all other information in this manual

Operating and environmental conditions

The following environmental conditions / influences must be observed when using the lifting beam TLS 67kN:

Temperature range:

minimum - 20 °C

maximum +40 °C

Temperature influences:

Reduction of load capacity under low / high temperatures.

Chemical influences:

The lifting beam TLS 67kN should not be exposed to any chemical influences. If this cannot be entirely excluded, it must be inspected for damage at correspondingly shorter intervals.

Other influences:

When using the lifting beam TLS 67kN for off-shore applications or in nuclear plants, the degree of possible risk must be estimated by a specialist before use.

Foreseeable misuse

Use:


- for lifting other loads than the Table Lifting System TLS!
- for lifting persons.

Sources of danger / residual risks present

Even when all safety regulations are observed, residual risks remain when handling the machine.

All those who work with the lifting beam TLS 67kN must be aware of these risks. Instructions that prevent these residual risks of accidents or damage must be observed!

- Loads falling down due to inappropriate / unintended use or component failure.

	WARNING
	<ul style="list-style-type: none">• Do not remove safety labels.• Replace illegible safety notices.• Risk to life through incorrectly secured loads or damage to the lifting beam TLS 67kN (e.g. rope).

Other applicable documents

In addition to this instruction manual

- Operating manual “DOKA Table Lifting System TLS”.
- Operating instructions (risk analysis) of the operating company must also be taken into account.

These documents must, if necessary, be supplemented by the operating company with the national regulations valid in the country of use.

Conversions / Modifications

Unauthorized modifications / alterations are prohibited and exclude the manufacturer from any liability.

Duties of the operating company

Identifying hazards at the place of use

The operating company must identify all hazards which may be caused by operation of the lifting beam TLS 67kN at the place of use and is obliged to apply appropriate health and safety measures.

Checking the correct and proper condition and use

At regular intervals, the operating company must take appropriate measures to check that the lifting beam TLS 67kN is being used according to the intended use, that no modifications or manipulations have been made and that all parts are fully serviceable.

Instructing and qualification obligation

The operating company clearly defines the responsibilities of the personnel for operation / assembly / maintenance. The operating company is obliged to train all persons authorised to use the construction waste chute in the correct handling of the chute before using it for the first time, according to the respective area of activity and responsibility of the authorised individual and using practical exercises.

Repair work on the lifting beam TLS 67kN must only be carried out by personnel qualified for this task. The deployment of non-qualified personnel is prohibited and releases GEDA from any liability.

Recurring inspections

The operating company must have the recurring inspections, which are stipulated and regulated by national law, carried out and the results documented in an appropriate way.

Use of the lifting beam TLS 67kN

Commissioning

Before commissioning each time, check the lifting beam TLS 67kN for any apparent faults.

Handling the load

The following points must be strictly followed:

- The specified load capacity of the lifting beam TLS 67kN must not be exceeded.
- Fasten loads in such a way, so that any damage to the load or the lifting beam TLS 67kN is avoided.
- Twisted ropes must be unwound before the load is lifted.
- Lift the load so that it cannot turn-around or turn over. For this, the lifting beam TLS 67kN must be positioned as vertically above the load as possible.
- Fasten the load so that the weight of the load is uniformly distributed.
- Hook up empty hooks out of the way if there is a risk that these may hook into something.

Storage of the lifting beam TLS 67kN

- If storing at the construction site, the lifting beam TLS 67kN must be attached to the mount on the front of the “lifting platform TLS rear”. (Refer to operating manual “Table Lifting System TLS”).
- If storing in the subsidiaries, the ropes must not be kinked and stored with no load applied.
- As necessary, protect the lifting beam TLS 67kN against corrosion.

Regular and exceptional inspections

Check the lifting beam TLS 67kN as follows.

- In accordance with national statutory regulations
- Before each operation.
- At the latest after 12 months by a competent person.
- At the latest after 36 months for the presence of cracks by a qualified person using appropriate test equipment.

Under excessive loads / after exceptional events these inspections must be adapted accordingly. The operator must keep corresponding test reports informing about the type and extent of the inspections.

Maintenance

- As necessary, protect the lifting beam TLS 67kN against corrosion.
- If the products are modified, GEDA accepts no liability!

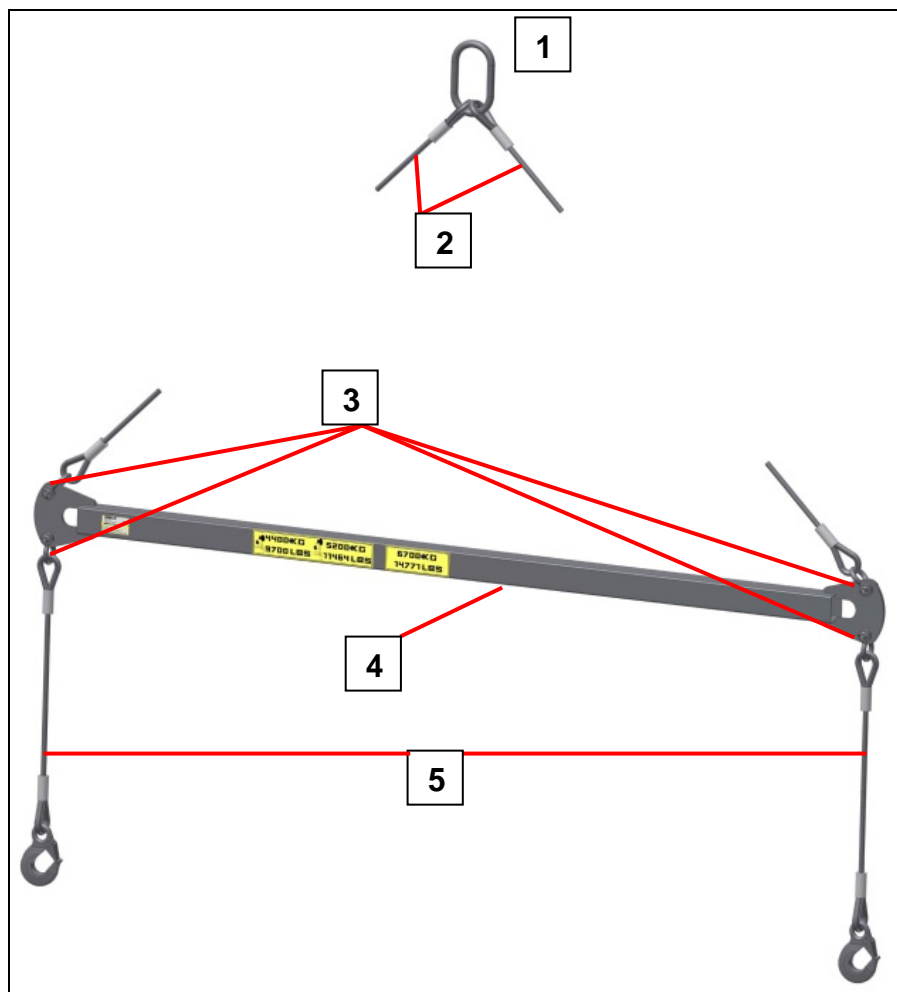
Repair

The operating company must make sure that any repair work on the lifting beam TLS 67kN is only carried out by persons who have the necessary knowledge and abilities.

Technical Data



Lifting beam TLS 67kN

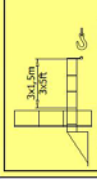

Dimensions (width)	3250 mm
Load capacity:	6700 kg
Weight:	61.7 kg
Ø Rope suspension / length:	20 mm / 2 × 1 m
Ø Rope stops / length:	22 mm / 2 × 2.40 m



- 1 = Lifting eye
- 2 = Rope suspension
- 3 = Shackle
- 4 = Crossbar
- 5 = Rope stop

Notice signs

 29904	
Dechentreiter GmbH & Co. KG D-86663 Asbach- Bäumenheim	
	
○	DOKA-TLS
Jahr / year:	
F-Nr. / S-Nr.: 28082-00	
Typ / Type: Hebeträger TLS / lifting beam TLS	
Tragfähigkeit / load capacity: max. 6700kg / 14771 LBS	
Rating plate Item No. 29904	

	4400 KG 9700 LBS		5200 KG 11464 LBS
28425			
Load bearing capacity 4400 / 5200 kg (7 masts) Item No.: 28425			

6700 KG 14771 LBS
57187
Load bearing capacity 6700 kg, Item No.: 57187