

## HOOK load hook



## Original of the OPERATING INSTRUCTIONS

Keep for future use.

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## Operating instructions

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Model:	Load hook
Type designation:	HOOK
Year of construction:	

## Customer entries

Inventory no:	
Location:	

## Storage

The operating instructions must be kept in the relevant specialist department. They must always be to hand.

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## Basic safety instructions

### Observe the notes in the operating instructions

The basic prerequisite for safe handling and trouble-free operation of the load hook is knowledge of the basic safety instructions and safety regulations.

These operating instructions contain the most important instructions for operating the load hook safely.

These operating instructions, in particular the safety instructions, must be observed by all persons working with the load hook.

In addition, the rules and regulations for accident prevention applicable to the respective place of use must be observed.

### Obligation of the operator

The operator undertakes to only allow persons to work with the load hook who

- are familiar with the basic regulations on occupational safety and accident prevention and have been instructed in the use of the load hook
- have read and understood the safety chapter and the warnings in these operating instructions and have confirmed this with their signature.

### Obligation of the staff

All persons who are assigned to work with the load hook must undertake to

- to observe the basic regulations on occupational safety and accident prevention,
- to read the safety chapter and the warnings in these operating instructions and to confirm with their signature that they have understood them.

## Dangers when handling the load hook

The load hook is built according to the state of the art and recognized safety regulations. Nevertheless, its use may pose a risk to the life and limb of the user or third parties or cause damage to the load hook or other property. The load hook may only be used

- for the intended use, see page 9
- in perfect condition in terms of safety

**Information!**

Any faults that could impair safety must be rectified immediately.

## Warranty and liability





In principle, our "General Terms and Conditions of Sale and Delivery" apply. These have been available to the operator since the conclusion of the contract at the latest.

Warranty and liability claims for personal injury and damage to property are excluded if they are attributable to one or more of the following causes:

- Non-intended use of the load hook.
- Improper installation, commissioning, operation and maintenance of the load hook.
- Failure to observe the instructions in the operating manual regarding transportation, storage, assembly, commissioning, operation and maintenance of the load hook.
- Unauthorized structural changes.
- Unauthorized modification of the load hook.
- Inadequate monitoring of parts that are subject to wear.
- Improperly carried out repairs.
- Disasters caused by foreign bodies and force majeure.

## Safety regulations

### Explanation of the symbols and notes

	<p><b>Warning!</b></p> <p>In conjunction with the signal word "Warning", this symbol indicates a possible danger to the life and health of persons.</p> <p><b>Failure to observe these instructions can result in serious health hazards and even life-threatening injuries.</b></p>
	<p><b>Caution!</b></p> <p>In conjunction with the signal word "Caution", this symbol indicates a potentially dangerous situation.</p> <p><b>Failure to observe these instructions may result in minor injuries or damage to property.</b></p>
	<p><b>Information!</b></p> <p>This symbol provides you with application tips and particularly useful information.</p> <p><b>They help you to make optimum use of all the functions of your forklift crane.</b></p>
	<p><b>Personal protective equipment!</b></p> <p><b>To protect against injury, protective gloves must be worn when working with the forklift crane.</b></p>

### Organizational measures

The required personal protective equipment must be provided by the operator.

Persons who are not involved in operating the load hook must be instructed to leave the danger zone of the load hook and stay at a safe distance.

### Informal security measures

The operating instructions must be kept for future reference.

In addition to the operating instructions, the generally applicable and local regulations on accident prevention and environmental protection must be provided and observed.

All safety and danger notices on the load hook must be kept in a legible condition and renewed if necessary.

### Staff training

Only trained and instructed personnel may work with the load hook.

Activity	Instructed operating personnel	Persons with mechanical training
Operation	X	X
Maintenance	--	X

Legend: X ... allowed-- ... not allowed

### Safety measures in normal operation

Only operate the load hook if you are satisfied that it is in proper condition.

Check the load hook at least once a day for externally visible damage and functionality.

Only operate the load hook when there is sufficient ambient lighting.

It is strictly forbidden to step under suspended loads! The work area must therefore not be entered when the load hooks are raised!

### Maintenance and troubleshooting

Carry out prescribed maintenance and inspection work on time. Maintenance and troubleshooting only by trained personnel.

Check bolt connections for tightness.

## **Structural changes to the load hook**

**No** modifications, attachments or conversions may be made to the load hook without the manufacturer's approval. Unauthorized modifications to the load hook are prohibited.

This also applies to welding on load-bearing parts.

All conversion measures require the written approval of Trading EU GmbH. Replace parts that are not in perfect condition immediately.

Only use original spare and wear parts.

In the case of externally sourced parts, there is no guarantee that they have been designed and manufactured to withstand the stresses and ensure safety.

## **Cleaning and disposing of the load hook**

Handle substances and materials used properly and dispose of them in an environmentally friendly manner, in particular

- when working on lubrication systems and equipment
- when cleaning with solvents.



## Product description

### Intended use and technical data

The load hook is intended exclusively for lifting loads up to the specified maximum load.

#### Maximum loads:

Type	HOOK	HOOK	HOOK
Load capacity	1000kg	2500kg	5000kg
Driveway pockets	140x55mm	148x56mm	188x76mm
Weight	14kg	25kg	45kg


Any other use or use in excess of the maximum load is considered improper use and constitutes misuse of the load hook.

The product must not be used in icy or corrosive environments.

Trading EU GmbH shall not be liable for any resulting damages.


## Transportation and commissioning


### Safety when transporting the load hook

	<p><b>Caution!</b></p> <p>Transport the load hook to the place of use!</p> <p>The load hook may fall off the means of transport or tip over. Limbs may be crushed.</p> <p><b>Only use suitable means of transportation with sufficient load-bearing capacity.</b></p> <p><b>Observe the weight specifications in the technical data.</b></p> <p><b>Observe the relevant regulations, e.g. UVV.</b></p>
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## Operation


### Safety instructions


	<p><b>Danger!</b></p> <p>Danger to persons and operating equipment!</p> <p><b>Danger of the load falling.</b></p> <p><b>Risk of injury or damage to persons or objects in the vicinity.</b></p>
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	<p><b>Danger!</b></p> <p>Danger to persons and the load hook!</p> <p><b>Observe all safety and danger notices on the load hook and keep them complete and legible.</b></p> <p><b>Do not remove or modify the safety devices on the load hook.</b></p> <p><b>Observe all general and special safety instructions in these operating instructions. Keep the operating instructions to hand at the place of use.</b></p> <p><b>Refrain from working in any way that could compromise safety.</b></p>
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	<p>Report any damage to the responsible body / person if safety-relevant changes have been made or if the operating behavior of the stacker crane changes.</p> <p>Observe the applicable accident prevention regulations of the employers' liability insurance association.</p> <p>Do not modify the load hook without authorization.</p>
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	<p><b>Danger!</b></p> <p>Danger to persons!</p> <p>Ensure that the load hook is in a rust-free condition. Only use on a sufficiently stable surface.</p> <p>Ensure that nobody is in the danger zone before lifting or lowering loads.</p>
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	<p><b>Danger!</b></p> <p>Danger to life due to suspended load!</p> <p>Do not stand or work under suspended loads.</p> <p>Never exceed the maximum load capacity of the load hook.</p> <p>Only use undamaged forklifts with sufficient load-bearing capacity.</p> <p>Fasten and secure the load properly.</p>
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	<p><b>Warning!</b></p> <p>Improper operation!</p> <p>Only use the load hook as intended.</p> <p>Check the load hook for damage before starting work. Have any damage to the load hook repaired professionally.</p> <p>Only use the load hook when it is in a technically perfect, operational and safe condition.</p>
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	<p><b>Warning!</b></p> <p>Improperly executed work!</p> <p>First familiarize yourself with the individual installation, maintenance and repair instructions, then carry out the work.</p> <p>Reattach detached components and check detachable connections for tightness.</p> <p>Check all screw connections regularly for tightness.</p>
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	<p><b>Personal protective equipment!</b></p> <p><b>To protect against injury, protective gloves and safety shoes must be worn when working with the forklift crane.</b></p>
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## General safety instructions

The load's center of gravity and maximum load capacity must always be taken into account before lifting loads with the load hook.

Insert the forklift forks into the fork lugs on the load hook.

To prevent the load hook from slipping off the forks of the forklift truck, the load hook must be secured to the forks using the screws provided so that it can no longer slip.

Make sure that the screws are properly secured again after adjusting the load hook.

There must be no obstacles in the lifting area of the load hook. A sufficient distance must be maintained.

It is prohibited to carry out work with the load hook closer than three meters to overhead power lines.

The operator of the load hook must work in such a way that they do not endanger themselves or other persons.

Climbing onto the load hook is prohibited.

Loads may only be attached and transported using the eyelets provided. Rack operation with the load hook is prohibited.

When the load hook is raised, the forklift driver is not permitted to leave the driver's seat of the forklift truck.

It must be ensured that perfect communication between the forklift driver and the person on the load hook is guaranteed at all times.


Before attaching the load hook, it must be ensured that the truck can be used as intended.

In case of doubt, the stability of the forklift truck must be verified by an expert before the load hook is attached and put into operation.

The condition of the load hook must be checked before each use and, if necessary, it must be restored to a proper condition.

## Maintenance

### Safety instructions

	<p><b>Danger!</b></p> <p>Observe the safety instructions!</p> <p><b>Observe the safety instructions in the "Operation" chapter.</b></p>
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### Maintenance schedule

The maintenance schedule lists the work to be carried out regularly.

Maintenance frequency	Maintenance point
Annually	Check the load hook for damage; Repair areas of corrosion with suitable measures; weld seams of a Subject to visual inspection
before each use	Check securing devices (e.g. damage to screw connections, weld seams, Attach the operating instructions legibly to the load hook)

### Repair

To keep the load hook running smoothly and as intended, maintenance and servicing work is necessary or unavoidable.

To ensure the operational safety of the load hook and to protect personnel and the environment from unforeseeable hazards, the use of original wear and spare parts and authorized accessories is recommended.

Contact Trading EU GmbH to order spare parts.

## Troubleshooting

**Danger!**

Observe the safety instructions!

**Observe the safety instructions in the "Operation" chapter.**

Any defects and faults found must be reported immediately to the supervisor and must be rectified by a competent person.

## Decommissioning, storage, disposal

Decommissioning, storage and disposal are extremely rare tasks.

### Storage conditions

If you take the load hook out of operation for a longer period of time, comply with the ambient conditions as described on page 10.

### Decommissioning

Clean the load hook and cover it with a tarpaulin to protect it against dust and moisture.

### Waste disposal

Pay attention to environmental compatibility, health risks, disposal regulations and your local options for proper disposal. You can obtain further information from your district waste management office.

Separate metals, non-metals, composite materials and auxiliary materials by type and dispose of them in an environmentally friendly manner.

## Conformity

The following illustration shows the content of the declaration of conformity.

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## EC Declaration of Conformity

in accordance with the Machinery Directive 2006/42/EC, Official Journal  
L157/24

Manufacturer: Trading EU GmbH  
Gruckinger Str. 4  
D - 85461 Bockhorn

Model: Load hook for forks

Type designation:	Load capacity:
MK 10	1000 kg
MK 25	2500 kg
MK 50	5000 kg

Authorized to compile the  
documentation: Trading EU GmbH  
Gruckinger Str. 4  
D - 85461 Bockhorn

Tested according to:

- ASME B56.11.4 (Hook-type forks and fork carriers for powered industrial forklift trucks)

The manufacturer hereby declares that the machine complies with the relevant conditions of the above-mentioned directive.

Bockhorn, 11.05.2018

Place, date

Authorized

representative Michael Seibold

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