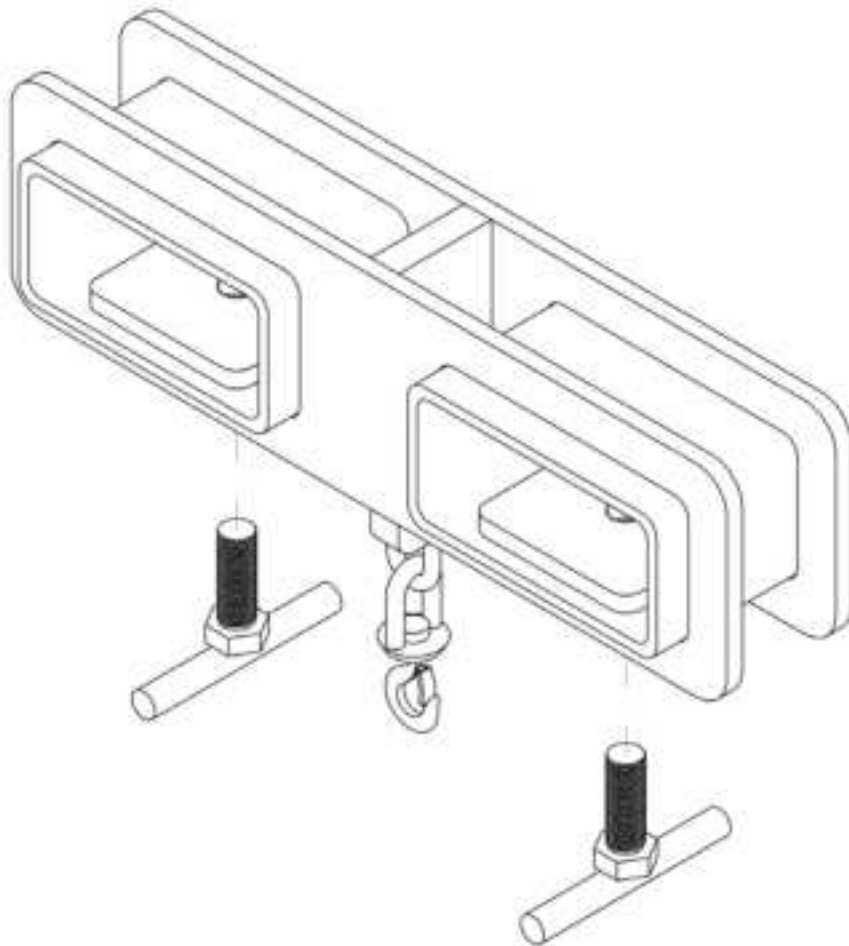


Fork tine lifting hook

Operating instructions

06.2026

en-GB



Copyright

This document must not be distributed or reproduced, not even in part.

Copyright of this document remains with Jungheinrich PROFISHOP AG & Co. KG.

Haferweg 24

22769 Hamburg, Germany

For service enquiries and orders

Germany

0800 / 558833 - 4

service@jh-profishop.de

International

service@jungheinrichshop.com

Contents

A	About this manual.....	4
1	Scope and target group.....	4
2	Information and instructions.....	5
B	Security	6
1	Correct Use and Application.....	6
2	Duties of individuals.....	7
3	Conversions and modifications	8
4	Residual risks.....	8
C	Structure and function.....	9
1	Component overview.....	9
2	Marking and labelling.....	10
2.1	Data plate.....	10
3	Technical Specifications.....	10
D	Commissioning and transport.....	11
1	Using the Truck for the First Time.....	11
2	Transport.....	11
E	Operation.....	12
1	Mounting the load hook.....	12
2	Raising the load	13
3	Transporting the load.....	14
4	Lowering the load.....	15
F	Maintenance, storage and decommissioning.....	16
G	Disposal.....	17

A About this manual

These operating instructions describe the correct use of the products listed in the "Scope" chapter, see page 4. All Jungheinrich products are developed and produced according to the current state of the art. However, risks can arise in the case of incorrect use. Please observe the corresponding information and read through the operating instructions carefully. The operating instructions form part of the fork arm load hook (hereinafter referred to as "load hook") and are valid for all specified device variants. The operating instructions describe the safe and correct use of the device in all operating phases.



Any technical questions should be directed to your authorised service partner.

The load hook described in these operating instructions enables the safe lifting, moving and positioning of loads with a suitable truck.

1 Scope and target group

Scope

This document applies to the following types:

- MK10
- MK25

Target groups

For the purposes of these operating instructions the "owner" or "operator" is defined as any natural or legal person who either uses the described load hook himself or on whose behalf it is used. In special cases (e.g. rental), the owner is considered to be the person who is charged with the specified operational duties in accordance with existing contractual agreements between the owner and operator of the load hook.

Target group	Tasks
Owner	– Keep these operating instructions accessible at the operating location of the load hook, including for later reference. – Ensure that the load hook is used correctly and only by trained and authorised personnel. – Instruct employees to read and observe these operating instructions and the accompanying documents, in particular the safety and warning instructions.see page 6. – Observe additional device-related provisions and regulations.
Operator	– Read and observe these operating instructions and the accompanying documents, in particular the safety and warning instructions.see page 6. – Ensure that the load hook is used correctly and in accordance with the safety regulations.

Tab. 1: Owner and operator duties

2 Information and instructions

General information

- Indicates additional information and explanations.

Structure of warnings

Warnings are used in this document to highlight potential causes of personal injury or material damage.

- Always read and observe these warnings.
- Follow all measures highlighted by the relevant warning.

The following warning levels are used to reflect the severity and probability of the relevant hazard:

DANGER!

Indicates an extremely dangerous situation. Failure to observe this warning can lead to serious, irreversible injuries or death.

WARNING!

Indicates an extremely dangerous situation. Failure to observe this warning can lead to serious, irreversible injuries or death.

CAUTION!

Indicates a dangerous situation. Failure to observe this warning can lead to minor or moderate injuries.

NOTICE

Indicates a risk of material damage. Failure to observe this warning can lead to material damage.

Structure of instructions

Instructions in this document are structured as follows:

Aim of the described activity

Requirements

- Prerequisites for activity

Tools and Material Required

- Tools and materials required for an activity (optional specification)

- Step
- Step
 - Sub-step

Result of action

B Security

The safety chapter provides important information on the safe use of the load hook. Failure to follow the measures described can result in material damage and injuries up to and including death.

- Before fitting the load hook to the truck: Read the safety chapter thoroughly.
- Use the load hook only in accordance with the instructions in this document.

1 Correct Use and Application

The load hook is a load handler and may only be used in conjunction with a suitable truck and suitable lifting accessories.

The load hook is intended for attaching, lifting, moving and positioning suspended loads. It may only be used for loads that:

- cannot be transported on pallets,
- are bulky or irregularly shaped,
- have suitable lifting points and
- can be securely attached to the load hook using suitable lifting accessories (e.g. chains, wire ropes, lifting straps).

The load must hang centrally and vertically beneath the load hook.

For safe operation, the mast of the truck must be placed in a negative position (tilting the mast towards the truck).

Observe the permissible load capacity. Exceeding the permissible load capacity can cause damage to the load hook, the lifting accessories or the truck.

Attach the load evenly and ensure that it is in proper condition. Unevenly distributed or inadequately secured loads can tip over or move in an uncontrolled manner.

- The lifting accessories used (e.g. chains, wire ropes, lifting straps) are not included in the scope of delivery. They must be provided by the user, selected according to the load and checked for proper condition before each use.

Foreseeable Misuse

Any use of the load hook other than as intended endangers persons, causes material damage and reduces the service life of the load hook.

The following applications are prohibited:

- Working under the load or within its swing area.
- Transporting persons or animals.
- Transporting insufficiently secured loads.
- Pulling, towing, lateral tensile loading or oblique pulling.
- Use in potentially explosive atmospheres, unless expressly permitted.
- Use under conditions that impair safety (e.g. extreme weather conditions and a steep inclination of the fork carriage caused by slopes or uneven terrain).
- Rapid travel movements or cornering with a raised load. Move the load at a moderate speed and avoid jerky movements.

- Using the load hook on a forklift truck with positive mast tilt (mast tilted towards the load). Such a mast position can cause the load hook to slip off the fork arms.
- Application of external forces to the suspended load, e.g. by blows with a hammer or similar mechanical effects on the load or attached components. This can cause vibrations or jerky movements that impair the secure seating of the load hook.
- Using only one fork entry pocket and the associated risks.
- Lowering the load too quickly. Lower the load slowly and in a controlled manner.
- Failure to follow the operating instructions before and during use of the load hook, in particular with regard to installation, securing and permissible operating conditions.

2 Duties of individuals

Duties of the owner

An improperly prepared load hook can result in serious damage or injuries. The owner must:

- Ensure that the load hook is used as intended.
- Ensure that the load hook is in perfect technical condition.
- Ensure compliance with all regulations concerning accident prevention, safety and disposal as well as those regarding operation, maintenance and repairs.
- Provide suitable protective equipment for the operator.
- Make the operating instructions available at the usage location.
- Retain test reports for at least 2 years.

Duties of the operator

Improper use of the load hook can result in serious damage or injuries. The operator must:

- Provide evidence of competence to operate the load hook.
- Provide evidence of his or her commissioning by the owner or their legal representative.
- Prevent unauthorised operation of the load hook.
- Before taking up the load, make sure that the maximum permissible load capacity is not exceeded.
- Use only suitable and tested lifting accessories and centre the load. Improper attachment of the load can cause it to slip or fall during lifting or transport.
- Wear safety shoes or safety equipment in accordance with statutory and operational regulations when operating the device.
- Assume responsibility for the correct operation of the load hook during use.
- Independently take the load hook out of service and inform the relevant supervisor(s) in the event of damage to safety-relevant components during operation.
- Secure the load sufficiently, position the load centre centrally and take appropriate protective measures if necessary. Inadequately secured loads can lead to material damage and personal injury due to falling loads.

3 Conversions and modifications

Modifying the design and function of the load hook

Any conversions or changes to the design of the load hook which have not been approved by the manufacturer can result in severe personal injury and significant material damage. All warranty and liability claims will be void.

If modifications are to be made, they require written permission from the manufacturer, an authorised representative or a legal successor. This includes, but is not limited to, the following activities:

- Changes affecting the capacity.
- Changes affecting the stability.
- Addition of attachments.

4 Residual risks

Using consumables

Improper handling of consumables is hazardous to health, life and the environment.

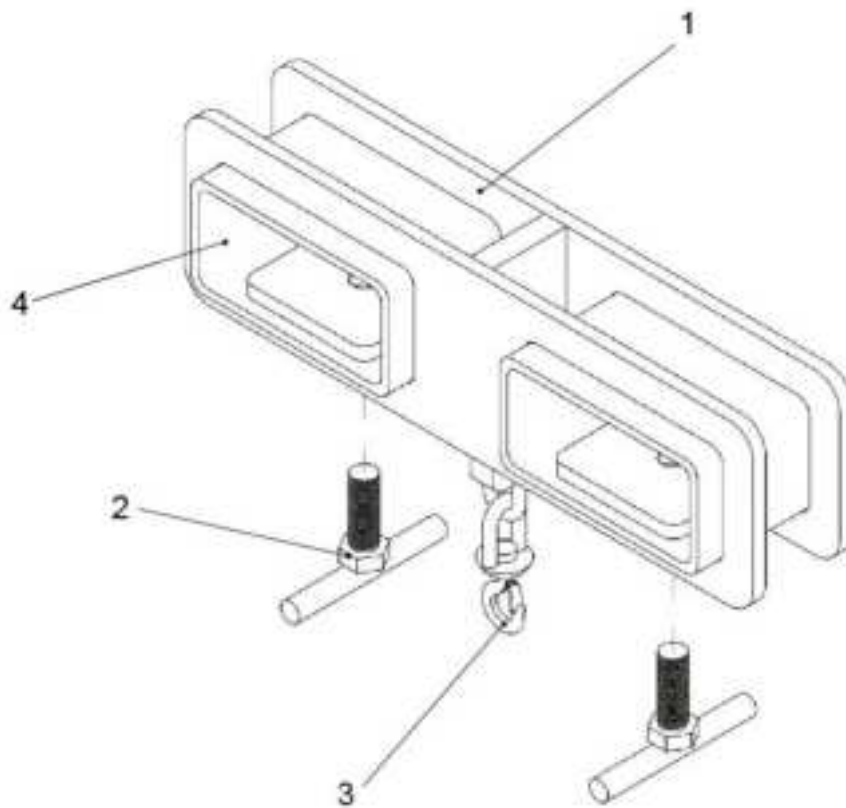
- Use consumables in the correct manner and in accordance with the manufacturer's specifications.
- Work with consumables must only be performed by qualified specialist personnel.

Movement and behaviour of the load

- Maintain a safe distance from the load and ensure that no persons are in the hazardous area. Descending or unintentionally moved loads can cause crushing injuries.
- Completely lower the load and release the lifting accessories when they are not under tension. When releasing the lifting accessories while they are under load tension, tipping or uncontrolled sliding of the load can occur.

C Structure and function

1 Component overview



Item	Description	Function	Quantity
1	Mounting block	acts as a link between the truck and the load	1
2	T-screw	used for mounting on the forks	2
3	Load hook	used for accommodating the lifting accessories	1
4	Fork entry pockets	used for accommodating the fork arms	2

2 Marking and labelling

2.1 Data plate



Fig. 1: Type plate (schematic)

Item	Information
1	Name and address of manufacturer
2	Article number
3	Year of manufacture
4	Net weight
5	Rated capacity
6	Model
7	Type

3 Technical Specifications

Description	MK10	MK25	Unit
Capacity (Q)	1000	2500	kg
Height (h)	130	140	mm
Width (w)	460	660	mm
Depth (d)	120	150	mm
Net weight	14	25	kg
Fork entry pockets internal dimensions			
Width (W)	160		mm
Height (h)	60		mm

Correct environmental conditions

Condition	Value
Application area	Indoor application
Permitted ambient temperature	+5°C to +40°C
Minimum illumination	50 Lx

D Commissioning and transport

1 Using the Truck for the First Time

Procedure

- Check for transport damage after first opening and submit a complaint if necessary.

The load hook is ready for use.

2 Transport

Procedure

- Secure in the original packaging so that it cannot fall.
- Pad sharp edges.

The load hook is securely packaged for transport.

E Operation

1 Mounting the load hook

Operational principles

- Maintain the load capacity of the truck, taking into account the changed load centre.
- Keep the load centre as close as possible to the fork carriage.
- Start and brake with the load slowly.
- Avoid pendulum movements of the load. Do not carry out any jerky travel or lifting movements.

WARNING!

Hazard due to improper attachment!

Improper attachment can cause the load to slip or fall during lifting or transport.

- ▶ Use only tested lifting accessories.
- ▶ Centre the load.

NOTICE

Exceeding the permitted load capacity!

Risk of damage to the load hook due to excessive load.

- ▶ Observe the permissible maximum load of the load hook and the load capacity of the truck.

Mounting the load hook on the truck

- Select a suitable load hook for the truck.
- Insert the fork arms of the truck horizontally into the fork entry pockets on the mounting block.
- Lock the T-screws and mount the mounting block on the truck.

The load hook is mounted on the truck.

Transporting the load

Requirements

- Suitable lifting accessories are available
- Use only suitable and tested lifting accessories.
- Select lifting accessories according to the weight and geometry of the load.
- Attach the load evenly so that it hangs centrally and vertically below the load hook.

2 Raising the load

WARNING!

Inadequately secured load!

Risk of material damage and personal injury due to falling loads.

- ▶ Only lift adequately secured loads.
 - ▶ Position the load centre centrally on the load hook.
 - ▶ If there is a risk of parts of the load tipping or falling, take suitable safety measures (e.g. load backrest).
-

CAUTION!

Unintentional lowering of the load!

Crushing hazard due to lowering load

Severe personal injury due to crushing.

- ▶ Before activating the lift or lower function, ensure that the controls are in the "Neutral" or "Lift" position.
 - ▶ Always maintain a sufficient safety distance from the raised load.
 - ▶ Ensure that no persons are in the hazardous area or directly under the load.
-

NOTICE

Exceeding the permitted load capacity!

Damage to the load hook, lifting accessories or the truck due to an excessively heavy load.

- ▶ Note the permissible maximum load capacity.
-

Raising the load

Requirements

- The load hook is properly mounted on the truck.
- The load is properly attached to the load hook.
- Lift the load slowly and evenly until it is hanging freely.
- Ensure that the load hangs vertically on the hook and does not sway.

The load has been raised.

3 Transporting the load

WARNING!

Unevenly distributed loads!

Risk of personal injury and material damage due to sudden tipping of the load.

- ▶ Ensure that the load is in correct condition.
- ▶ Only move loads if they have been safely and securely applied.
- ▶ Take suitable precautions if there is a risk of the load tipping or falling down (e.g. load backrest).

NOTICE

Instability when travelling fast or cornering!

Instability can cause the truck to sway or break away.

- ▶ Do not allow any jerky movements or side pull.

Transporting the load

Requirements

- The load has been raised to the minimum height required for safe transport.
- Transport the load as close to the ground as possible and only as high as necessary.
- Maintain the transport height.
- Travel at a moderate speed.
- Take bends carefully and without abrupt steering.
- Always keep the load in view.
- Avoid obstacles.

The load has been transported safely.

4 Lowering the load

WARNING!

Falling load when releasing the lifting accessories!

If the lifting accessories are released while under tension, tipping or uncontrolled sliding of the load can occur.

- ▶ Set down the load safely and completely.
 - ▶ Release the lifting accessories when they are not under tension.
-

CAUTION!

Lowering heavy loads!

Risk of personal injury due to crushing.

- ▶ Always lower the load slowly and carefully.
 - ▶ Do not place any part of your body between the raised load and the ground.
 - ▶ Wear safety shoes.
-

NOTICE

Increased impact load!

Damage and malfunction of the load hook due to lowering the load too quickly.

- ▶ Always lower the load slowly and in a controlled manner.
-

Lowering the load

- Travel slowly with the truck to the set-down position.
- Lower the load evenly and in a controlled manner.
- Only release the lifting accessories when the load is securely supported and no longer suspended.

The load has been lowered.

F Maintenance, storage and decommissioning

- Check the load hook for deformation and damage before each use.
- Ensure that the safety catch of the load hook moves freely and closes automatically.
- Protect the load hook from corrosion and lightly grease the screws if necessary.
- If the load hook is not in use, place it at a suitable storage height or attach it securely.
- Before storage, ensure that there is no load on the load hook and that all components are properly assembled.
- Store the load hook in a dry, clean place and protect it from extreme temperatures.
- Before putting back into service, check the load hook again, in particular the fastenings and safety-related components for damage.
- Remove the defective load hook from service and mark it with a lockout label.

G Disposal

- Observe the country-specific regulations regarding disposal of the load hook and operating materials.

