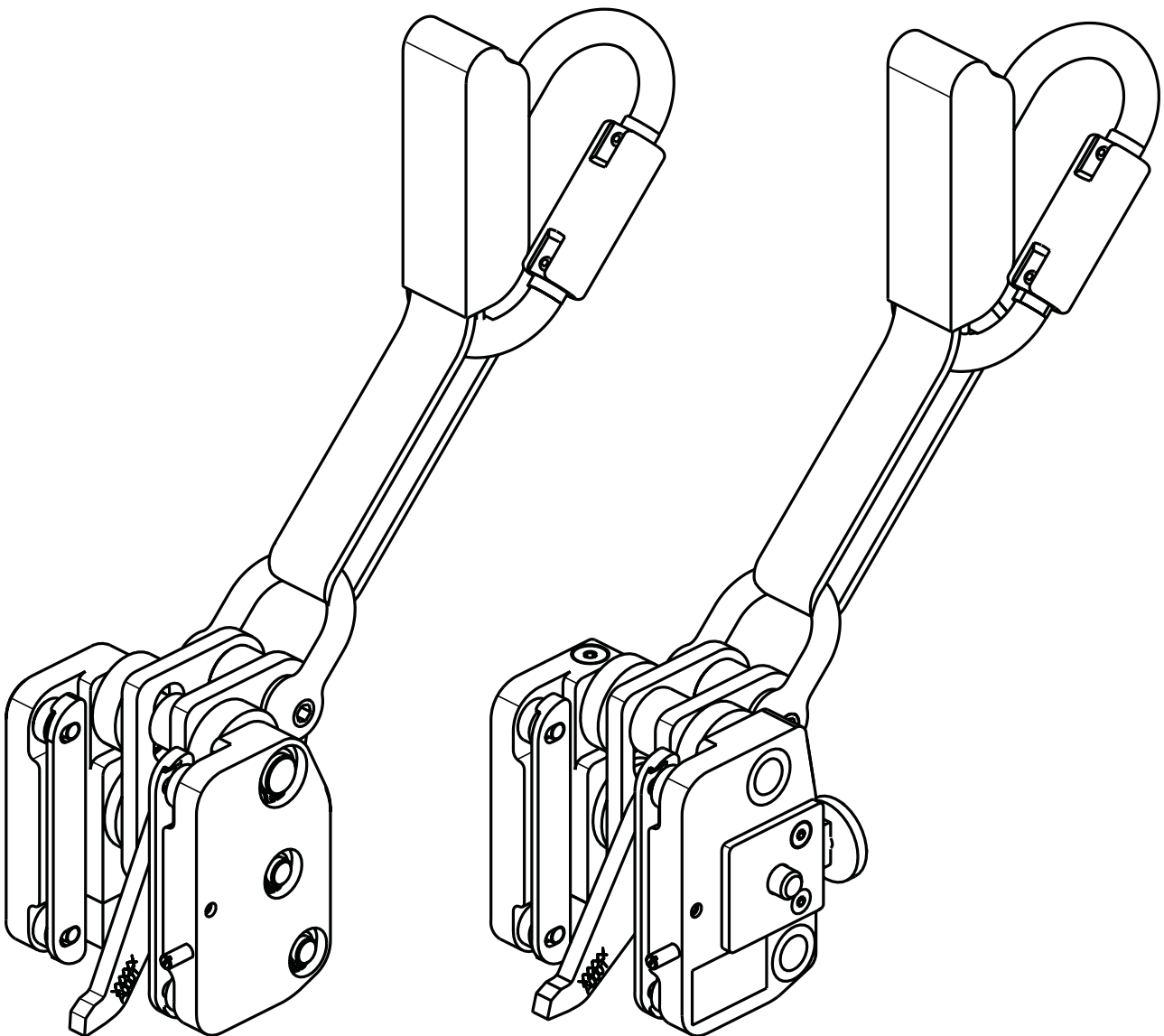


EN

Assembly and operating instructions

Guided type fall arrester: GÜFA 5 and GÜFA Flexx with fixed guide Type: GÜFA

77602
77612



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DANGER

The danger warning indicates a hazard with a high degree of risk which, if not avoided, may result in death or serious injury.



CATION

The caution indicates a hazard with a low risk level which, if not avoided, may result in minor or moderate injury or damage to property up to and including destruction of the installation.



NOTICE

Notice stands for requirements and important information which must be particularly observed.

General

The following operating instructions comply with DIN EN 365 and DIN EN 353-1. It contains the assembly instructions and information brochure.

Scope of application

These operating instructions apply to the GÜFA climbing arrester system, including the fixed ladder with centre rail (single rail ladder).

When using the GÜFA Flexx with the single-rail mast ladder, the corresponding instructions "Single-rail mast ladder assembly and use instructions" must also be observed.

When using the GÜFA Flexx with the single-rail ladder with retractable rungs, the corresponding instructions "Assembly instructions for single-rail ladders with retractable rungs" must also be observed.

Terms

Fixed guide,

hereinafter referred to as the **arrester rail**.

Subsystem consisting of a permanently installed guide for the guided type fall arrester.

Live fall arrester,

hereinafter referred to as the **safety-runner**.

Subsystem consisting of an automatically blocking, live fall arrester and a connector or a means of connection with attached connector.

Live fall arrester including fixed guide

hereinafter referred to as the **climbing arrester system**.

System consisting of arrester rail and safety-runner.

A fall-absorbing function may be present in the interaction between the safety-runner and the arrester rail, or a fall arrester may be inserted in the connector or in the arrester rail.

Safety harness

Holding device for the body primarily for containment purposes, i.e. a component of a fall arrester system. The safety harness may consist of webbing, fittings, buckles or other components arranged and assembled in such a way that they provide full body support to a person and hold the wearer during a fall or after a fall arrest (DIN EN 363).

Fall arrester (belt element)

Part or component of a fall arrest system designed to convert the kinetic energy generated during a fall.

Overview of standards

The safety-runner and the components of personal protective equipment used in conjunction with it must comply with the following standards and inspection specifications:

Standard	Edition	Name of the item
DIN EN 353-1	2018	Personal protective equipment against falls from a height – Part 1: Live fall arresters including fixed guide
DIN EN 354	2011	Personal protective equipment against falls from a height – connectors
DIN EN 355	2002	Personal protective equipment against falls from a height – fall arrester
DIN EN 361	2002	Personal protective equipment against falls from a height – safety harnesses
DIN EN 362	2008	Personal protective equipment against falls from a height – fasteners
DIN EN 363	2019	Personal fall protection equipment – Personal fall protection systems
DIN EN 365	2004	Personal protective equipment against falls from a height - General requirements for instructions for use, maintenance, periodic inspection, repair, marking and packaging
DIN EN 365 Revision 1	2007	Revision 1 to DIN EN 365 (2004)

Inspection centre

The authority involved in the type examination:

DEKRA Testing and Certification GmbH
Dinnendahlstrasse 9
44809 Bochum, Germany
☎ 0158

Performance data of the climbing arrester system

- permissible number of persons: 1 Person
- maximum weight of the user (including clothing and equipment): 150 kg
- Minimum weight of the user (including clothing and equipment): 50 kg
- min. operating temperature: -30 °C
- Do not use the safety-runner in the workstation position. A separate system must be implemented for use in workstation position.

Depending on the application and the ambient conditions, the following performance data of the climbing arrester system result:

- **max. braking force $F = 6 \text{ kN}$**
- **max. arresting travel distance $H = 1.0 \text{ m}$**

The operator of the system must affix an appropriate warning notice to the structural installation, which informs the user beyond doubt of the safety distance.

Intended use

The scope of application of the climbing arrester system results from the requirements of the legislator, the industrial employers' liability insurance associations and the German statutory accident insurance (DGUV). Other regional regulations may have to be taken into account for the application.

The intended use of the climbing arrester system can be found in these instructions. The climbing arrester system must not be used with a back protection system. The climbing arrester system necessarily takes effect

during use and thus offers optimum protection and the greatest possible freedom of movement for the person climbing.

When used as intended, it is possible to climb predominantly stationary vertical (90°) fixed ladder or step-iron gangways with practically unlimited climbing height. The following deviations from the vertical are permissible: 20° tilt forward and 20° to the side (left, right).

The safety-runner may only be used with the following tested arrester rails from MUNK GmbH:

Arrester rail with connection strap	Single-rail ladder	Single-rail mast ladder
Steel design <ul style="list-style-type: none"> 77530 - 1.40 m 77531 - 1.96 m 77532 - 2.80 m 	Steel design <ul style="list-style-type: none"> 77533 - 1.40 m 77534 - 1.96 m 77535 - 2.80 m 	
Stainless steel design <ul style="list-style-type: none"> 77550 - 1.40 m 77551 - 1.96 m 77552 - 2.80 m 	Stainless steel design <ul style="list-style-type: none"> 77553 - 1.40 m 77554 - 1.96 m 77555 - 2.80 m 	
Aluminium design <ul style="list-style-type: none"> 77059 - 1.40 m 77058 - 1.96 m 77057 - 2.80 m 	Aluminium design <ul style="list-style-type: none"> 77056 - 1.40 m 77080 - 1.96 m 77055 - 2.80 m 725.001.7 (Special profile for single rail folding ladder) 	Aluminium design <ul style="list-style-type: none"> 77431 - 1.12 m 77432 - 1.96 m



NOTICE

These instructions must be kept together with the safety-runner.



DANGER

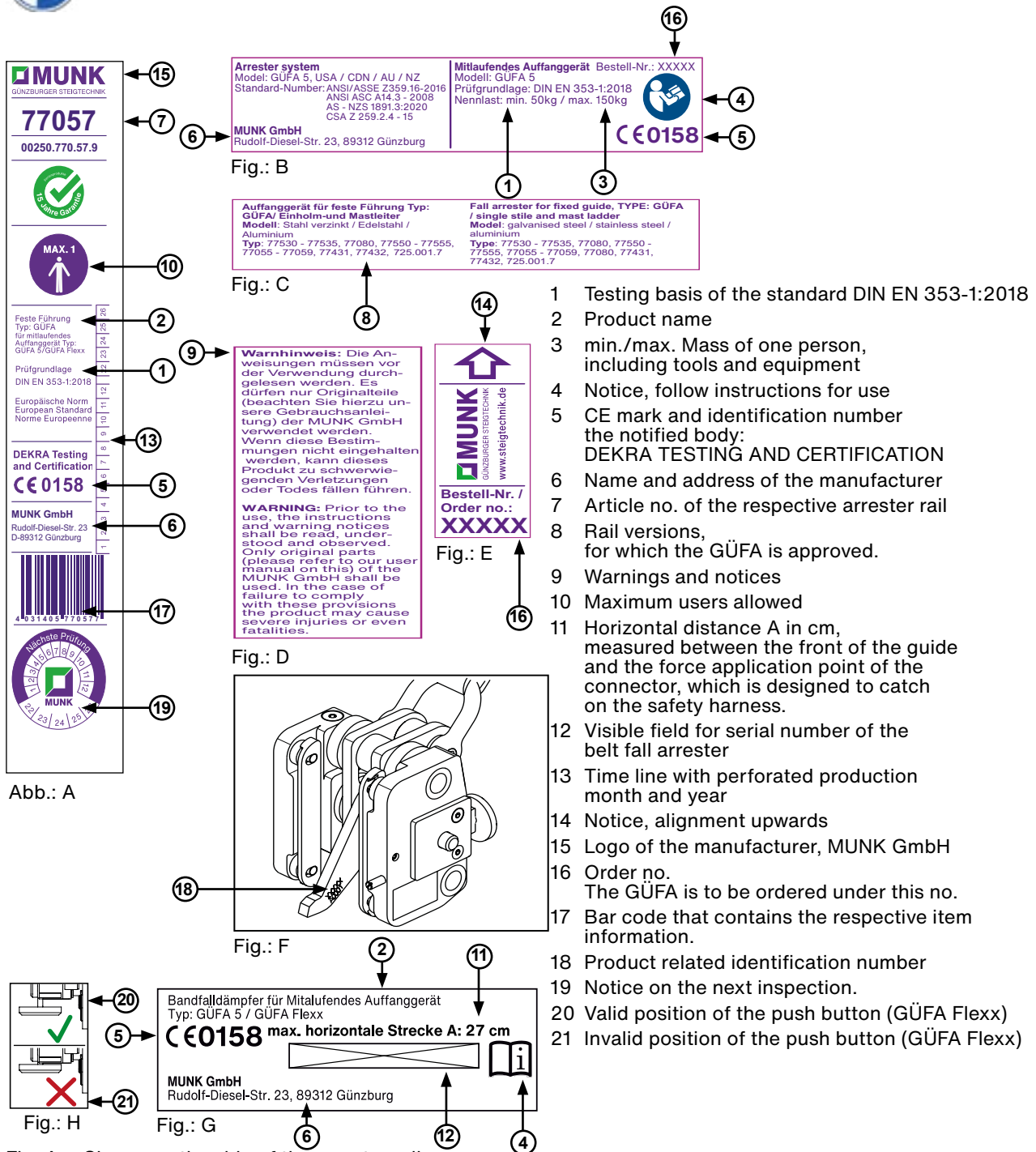
Life-threatening danger

Observe and follow the instructions in this manual.
Improper use of the safety-runner is prohibited.

Explanation of the marking on the climbing arrester system



Observe the manufacturer's operating and installation instructions before commissioning the climbing arrester system.



- Fig. A: Shown on the side of the arrester rail
- Fig. B: Shown on the back of safety-runner
- Fig. C: Shown on the side of the safety-runner
- Fig. D: Shown on the side of the safety-runner
- Fig. E: Shown on the back of safety-runner
- Fig. F: GÜFA Flexx safety-runner with notice to the markings
- Fig. G: Shown on the belt arrester element
- Fig. H: Shown on the top of the safety-runner (GÜFA Flexx)

Safety provisions

General safety instructions

- Only persons who are familiar with the basic regulations on work safety and accident prevention may use the system.
- The user must have read the operating instructions.
- The user must know and follow the relevant accident prevention and safety regulations and the workplace directives.
- Harnesses, seat belts or older type B safety harnesses which only partially enclose the body shall not be used.
- The safety-runner and safety harness are part of the personal protective equipment and are only designed for the intended use.
- The climbing arrester system may only be used by persons who have been instructed in its safe use and have the appropriate knowledge.
- Climbing under physical conditions and constitutions that impair the safety of the user in normal and emergency situations (e.g. influence of alcohol/ medication, dizziness, fear of heights, etc.) is not permitted.
- Before each use, visually check the safety-runner and the PPE used for proper condition, as well as the insertion and removal points of the arrester rail (see p. <?>).
- Observe hazards and possible impairment of the function by the effects of sharp edges, temperatures, chemical substances, electrical conductivity, cuts, abrasion, UV light and other climatic conditions.
- Check the complete climbing arrester system for damage before each use. Damaged climbing arrester systems must not be used.
- Clean the safety-runner before and after each use to remove any dirt (see p. <?>).
- Only the manufacturer may make changes to the climbing arrester system.
- Components may only be replaced with the written consent of the manufacturer.
- With a mass of 100 kg and a situation of fall factor 2 (worst case condition), the required clear height under the feet of the user is at least 2 m.
- Observe country-specific and regional rules and regulations.

Use

- Use safety-runner only with a safety harness according to DIN EN 361. Observe the manufacturer's instructions.
- Check the adjustment and fit of the safety harness. Do not use loose-fitting safety harnesses.
- If the belt comes loose during ascent or descent, it must be readjusted by a secured person.
- Only use the front fall arrester eyelet for securing.
- Do not climb up and down hands-free.
- Do not bring the safety-runner into latching position by your own intervention.
- When descending, do not assume a supine position to prevent the pawl from engaging.
- Activation of the release function or handling of the fall arrester during ascent or descent only by a person not at risk of falling.
- Only enter and exit the climbing arrester system from a position where there is no danger of falling.
- Hook the carabiner hook of the belt element directly (without rope, intermediate connector, etc.) into the front eyelet on the safety harness of the fall arrester.
- External influences (environmental/ weather conditions) in which safe climbing in the climbing arrester system cannot be guaranteed must be observed

- The horizontal distance A between the front of the guide and the force application point of the connector intended for attachment to the safety harness is 27 cm.
- Do not shorten or lengthen connecting elements.

Accident prevention regulations

Regional regulations for Europe must be observed. For Germany, the accident prevention regulations of the employers' liability insurance association BGV A 1 and guidelines for the use of personal protective equipment apply.

During installation, the valid accident prevention regulations and instruction sheets of the DGUV must be observed, e.g.:

- DGUV-I 208-032 (previously BGI/GUV-I 5189)
Selection and use of fixed ladders.
- DGUV-I 201-014 (previously BGI 691)
Information for retrofitting step-iron and fixed ladder gangways with climbing arrester systems on chimneys.
- DGUV-R 112-119 (previously BGR/GUV-R 199)
Rescue from heights and depths with personal fall equipment. DGUV-R 112-198 (previously BGR/GUV-R 198)
Use of personal protective equipment against falls from a height
- DGUV-R 103-007 (previously BGR 117)
Step gangways for containers and enclosed spaces

Provisions for emergency (rescue)

- For the rescue of fallen persons suspended in the climbing arrester system, the fixed ladder or the climbing rail may be used as an anchor point for the rescue.
- The fixed ladder and its attachments must be visually inspected for obvious damage before rescue to ensure suitability for rescue.
- If possible, select attachment points in the area of an attachment point of the fixed ladder.
- Attachment to only one rung is not permitted.

- Belt slings attached to the rail (DIN EN 795 - type B), for example, can be used as a stop device.
Make sure that the attachment point is sufficiently stable for the load that occurs.
Fasten belt slings to the attachment point with anchorage stitch.
- During the rescue, it is recommended that the rescuer additionally secures himself/herself with the climbing arrester device.
- Wire rope guides must not be used for slinging.
- Employees must be trained and instructed for rescue operations. Training is offered by the employers' liability insurance association or manufacturers, among others.
- Further information on rescue with personal protective equipment can be found in DGUV-R 112-119 and DGUV-I 208-032.

Assembly

General

Installation on buildings from bottom to top.

Installation in shafts from top to bottom.

To ensure the proper function of the safety-runner and to prevent contact corrosion, arrester rails from MUNK GmbH are made of hot-dip galvanised steel, aluminium or pickled and passivated stainless steel.

For easy insertion and removal of the safety-runner, attach the lower end of the arrester rail approx. 0.80 m - 1.00 m above the standing space. Install a rail stop (end guard) at the top and bottom end.

Attach a fastening at each end of the arrester rail and at each arrester rail catch (Fig. 1, 2 and 3).

Attach a notice sign at the entry point of the safety-runner or step-irons at visible height next to the arrester rail.

Do not install the climbing arrester system in a highly corrosive atmosphere (e.g. swimming pool) without special protective measures.

To avoid stress corrosion cracks, special

control measures must be taken or compatibility must be demonstrated.

When installing the arrester rail, observe ambient conditions (e.g. aggressive environments).

Use only approved equipment elements and combine them in such a way that there is no danger to the user and the climbing arrester system.

Attach a warning notice to the building structure where the safety distance (see <?>.) is clearly visible to the user.

All connections must be permanent and all bolts and nuts must be secured against self-loosening. Only use the screws and fasteners supplied.

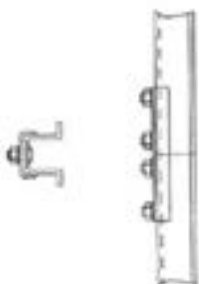


Fig. 1
Connection
Arrester rail

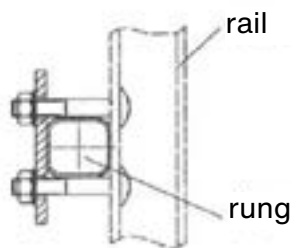


Fig. 2
Attachment to the
ladder rung rail

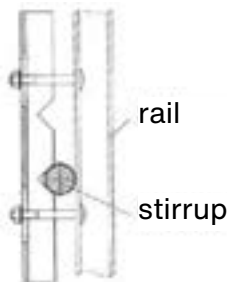


Fig. 3
Securing on the step-iron

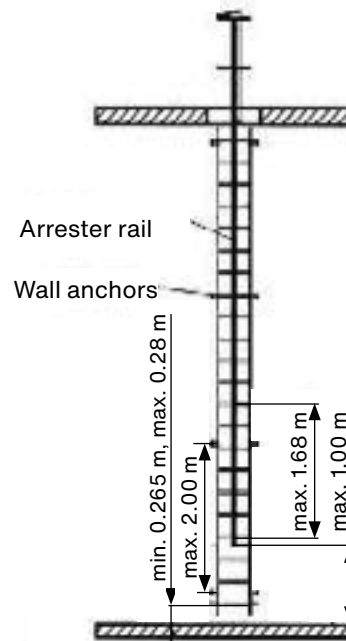


Fig. 4
Shaft ladder with arrester rail

Safety regulations for installation

The construction/supporting structure (steel structures) and the subsoil (concrete or stone) must have sufficient load-bearing capacity. The sufficient load-bearing capacity must be checked by a structural engineer before installation.

For anchor fastening, the requirements according to section "Anchors and wall fastenings", see page <?>, must be observed.

The valid accident prevention regulations must be observed.

Fixing the ladder to the building or in a shaft

When fastening a ladder to a building or in a shaft and when using the climbing arrester system of MUNK GmbH on longer ladder systems, the wall anchors must be installed at a distance of equal to or less than 2.00 m in accordance with the applicable standards and regulations and the corresponding specifications in the manufacturer's installation instructions (Fig. 5).

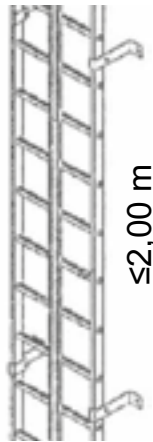


Fig. 5

Arrester rail mounted on the rungs of a fixed ladder or shaft ladder.

The sufficient load-bearing capacity must be checked by a structural engineer before installation.

For shorter ladder systems, the ladder must be fixed to the ground using foot plates.

An increased number of wall anchors or fixing points must be provided.

At least 4 anchor points are required for wall anchors for dowelling or bricking in, taking into account the impact force of 6 kN for B25 concrete.

Fixing the arrester rails to the rungs

If ladders other than those from MUNK GmbH are equipped with the MUNK GmbH arrester system, DGUV-I 201-014 must be observed.

The arrester rails are usually arranged in the middle of the ladder. The individual partial lengths of the arrester rails do not have to be assigned to correspondingly long ladder sections.

Attach the arrester rails to the ladder rung (Fig. 4) at intervals of no more than 1.68 m, but at least 4 attachment points for shorter ladder lengths.

Place a label (order no. 019007) on or near the fixed guide so that proper alignment during use, model and type designation of the safety-runner and maximum number of users can be identified.

Mounting the arrester rail on step-irons

Check that the step-irons and their attachments to the object are in perfect condition or that the impact force of 6 kN can be absorbed.

Fastening the arrester rail to the centre of the step iron is only permitted if the regulations from DGUV-I 201-014 are observed.

The remaining contact area on each side must be at least 85 mm.

The arrester rail must be attached to every third step iron. The arrester rail must be installed to the right or left of the step irons of the wall anchors if the step width is less than 85 mm.

Follow the instructions on page <?>.



DANGER

Danger of falling

- Only use the front catching eyelet of the safety harness according to DIN EN 361.
- Under no circumstances use the lateral holding eyelets.
- Do not use additional connectors.



NOTICE

Fix the climbing protection rail using wall anchors (Fig. 8 and 9) at intervals of 1.40 m, but at least 2 fixing points for smaller intervals.



NOTICE

For double step-irons, the arrester rail must be arranged in the middle if the space between the step irons is equal to or greater than 90 mm (Fig. 7).

The ladders as well as the step-irons must have sufficient load-bearing capacity. Regional regulations for European countries must be observed.

The sufficient load-bearing capacity must be checked by an expert before installation.

All attachments to the ladder rungs or step irons must be capable of absorbing a static vertical impact force of 6 kN.

For Germany: The sufficient load-bearing capacity (according to DGUV-I 201- 014 for the retrofitting of step irons and fixed ladder gangways with climbing arrester system) must be checked by a structural engineer. Anchors and wall fastenings

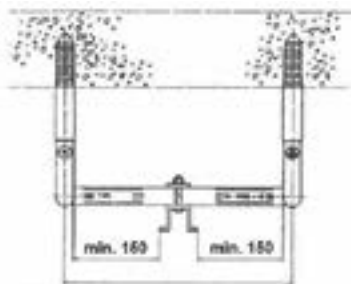


Fig. 6
Mounting the arrester rail on step irons

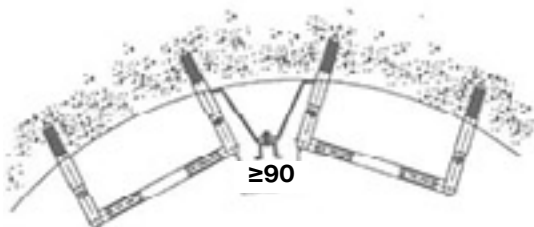


Fig. 7
Mounting the arrester rail between step irons



Fig. 8
Rigid wall anchor



Fig. 9
Adjustable wall anchor

The anchors must be selected according to the substrate.

The anchors used in accordance with the relevant requirements shall comply with the provisions of the building inspectorate. The anchors must have a valid approval certificate for use

- in Europe, (ETA - European Technical Approval),
- or
- from DiBt (German Institute for Structural Engineering).

The construction/supporting structure (steel structures) and the subsoil (concrete or stone) must have sufficient load-bearing capacity. The sufficient load-bearing capacity must be checked by a structural engineer before installation.

When selecting anchors, the load specifications of the individual brackets must be observed. Please contact an anchor manufacturer regarding the selection of anchors.

Observe the regulations of the anchor manufacturers when fixing with anchors. Observe the accident prevention regulations.

Platforms (optional)

Maximum distance between the resting platforms with a total climbing height of more than 10 m:

- every 10 m
- every 25 m when used exclusively by trained persons (e.g. chimneys, antenna systems)

According to DIN EN 18799-1/-2, a trained person is demonstrably suitable, experienced and regularly instructed for the use of the climbing arrester system

The installation is possible on every rung.

During use, the user usually remains connected to the climbing arrester system and thus secured. If it is necessary to release the safety catch, the user must first secure himself against falling in some other way (e.g. double-strand slinging).

You can climb past platforms unhindered.

For use, the tread is folded with the foot from back to front.



Fig. 10
Platform arrester rail

End guards

Both end guards meet the requirements type A and type B according to DIN EN 353-1.

Detachable end guards

Detachable end guards (see Fig. 11) prevent unintentional exiting of the climbing arrester system. Intentional exiting is possible by lifting the catch. The climbing arrester system may only be exited when the person climbing has reached a stand or workplace secured against falling.

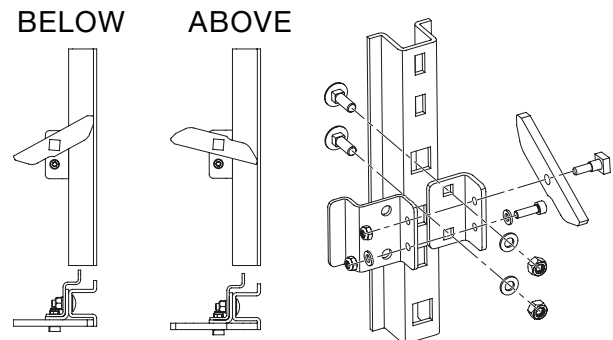


Fig. 11
Detachable end guards for arrester rails

Fixed end guards

Fixed end guards prevent exiting the climbing arrester system at the end of the climbing distance and at flanks.

All end guards must be installed before initial use.



NOTICE

End guards and locks must not be removed!



CATION

Danger of accidents

When using GÜFA 5/Flexx on an existing climbing arrester system, the end guards must be checked and new end guards installed if necessary.

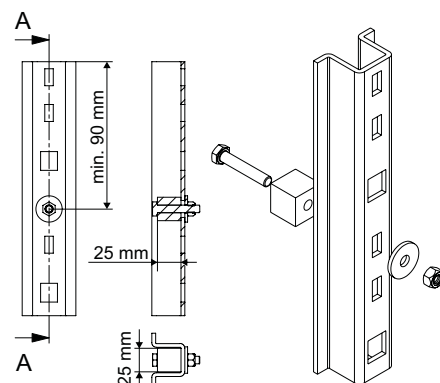


Fig. 12
Fixed end guard arrester rail

Single-rail ladder on building or shaft

When attaching a single-rail ladder to a building or in a shaft, the wall anchors must be installed at a distance equal to or less than 1.40 m. National regulations or customer requirements may deviate from this (e.g. German Federal Postal Service: 1.12 m).

For shorter ladder systems, the single-rail ladder must be fixed to the ground using base plates. An increased number of wall anchors or fixing points must be provided.

In the case of wall anchors for anchoring or masonry installation and taking into account the impact force of 6 kN, at least 2 fixing points are required for B 25 concrete.

After installation



DANGER

Danger of accidents

Before use, the climbing arrester system must be checked for the following points.

- Arrester rails or the single-rail ladder are correctly aligned.
- All screws are correctly mounted or tightened.
- All required rail stops are properly installed.
- The rail stops and platforms work.
- Damaged surfaces are repaired.
- All notice signs are attached.

Inspections

General

Regular inspections are necessary, the safety of the user depends on the effectiveness and durability of the equipment.

The employer must have the climbing arrester system and the safety harness inspected for perfect condition by a competent person in accordance with the statutory regulations, the frequency of use, the environmental conditions and the operating conditions as required, but at least every 12 months, and in strict compliance with the manufacturer's instructions. The legibility of the product marking must also be checked.

Inspecting the climbing arrester system



NOTICE

Proof of this inspection must be provided.

The user must visually inspect his personal protective equipment for proper condition before each use.

The legibility of the marking must be checked each time it is used (Notice for visual inspection see page <?>).

In case of complaints, the equipment must be taken out of use immediately.



DANGER

Life-threatening danger

For safety reasons, remove the equipment from use immediately if

- there is any doubt as to its safe use, or
- if the equipment has been stressed by a fall.

Do not use the equipment again until a competent person has agreed in writing.



NOTICE

Sort out or replace damaged climbing arrester systems and safety harnesses immediately. After repair and approval by the manufacturer they may be used again.



NOTICE

Renew belt elements every 10 years, except for band elements that in the low-temperature range (e.g. cold stores) are used. These must be renewed every 6 years. See date of manufacture tape fall steamer sticker.

Storage times at the manufacture/specialist dealer (Period of production until commissioning) of up to a maximum of one year can be added to the period of use.

Inspecting the safety harness

NOTICE

Follow special instructions of the manufacturer.

Inspection before use

The safety-runner (Fig. 13 and 14) is functional if it meets the following criteria:

- The carabiner gate [A] must be freely movable and move automatically into the secure position.
- The belt arrester element [B] must have no cuts, places where rubbed off or otherwise damaged.
- The shackle [C] must be firmly closed and movable.
- The 4 rollers [D] must be available and freely movable.
- The spring [E] must not be broken and the spring function must be functional.
- The latching lever [F] must be movable and return to its initial position via the spring [E].
- The guide carriage [G] must be move freely and connected to the locking pin [F].

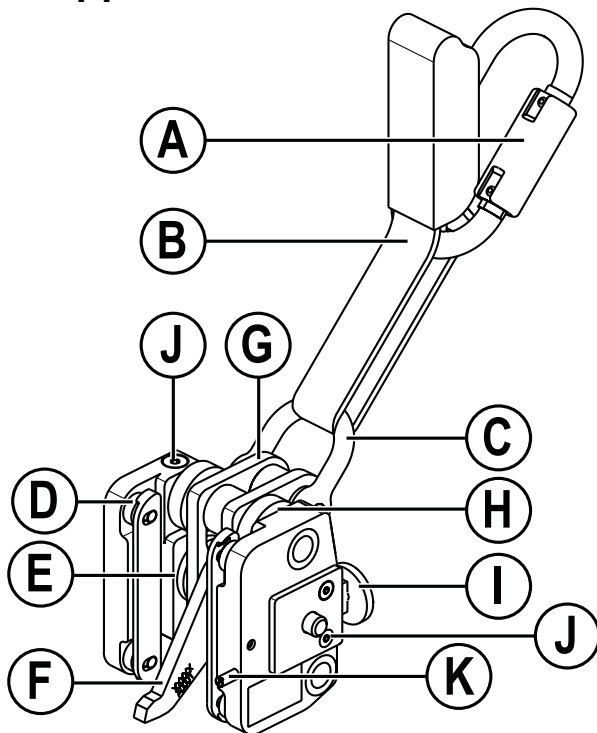


Fig. 13
GÜFA Flexx safety-runner

- The 10 retaining rings [H] must be present and must fit tightly on the bolts.
- GÜFA Flexx only (Fig. 13):
It must not be possible to actuate the pressure plate (I) as long as the safety-runner is not in the “arrow up” position.
- GÜFA Flexx only (Fig. 13):
Without an actuated pressure plate (I) it must not be possible to pull the two side parts of the safety-runner apart.
- GÜFA Flexx only (Fig. 13):
When the pressure plate (I) is actuated, the two tensioned side parts of the safety-runner must be able to be pulled apart against the tension. Without pulling, the side parts must contract again.
- GÜFA Flexx only (Fig. 13):
The 4 countersunk screws (J) must be present and firmly connected to the side parts.
- The shaft screw of the insertion safety pin (K) must protrude at least 8 mm.

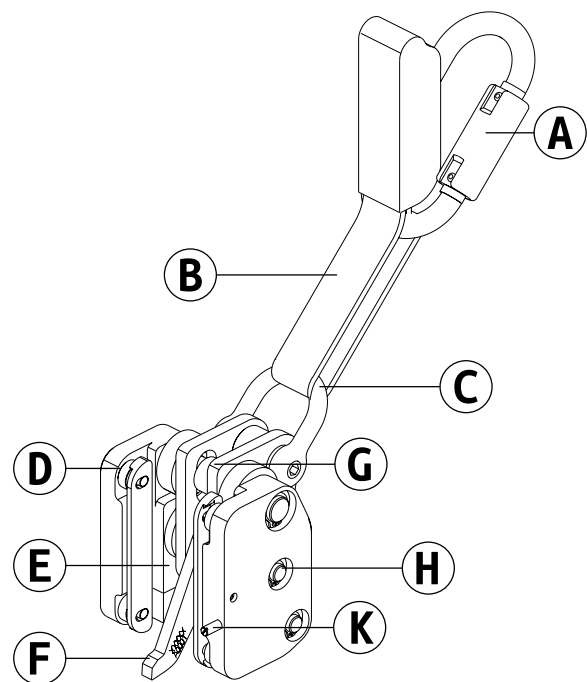


Fig. 14
GÜFA 5 safety-runner

The arrester rail (Fig. 15) is functional if the following criteria are met:

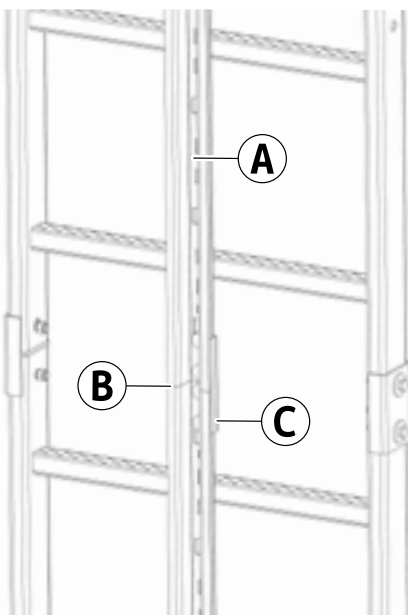
- Functional end guards are provided at all rail ends.
- Screws of the end guards are tightened and complete.
- End guards are free from corrosion.
- The arrester rail [A] must not show any deformations.
- The arrester rail [A] must be free from corrosion.
- Catch [B] of the arrester rail [A] must not be offset.
- Rail connectors [C] must be firmly and completely screwed down.
- Marking available on the rail.
- Weld seams (if any) have no cracking.
- The arrester rail [A] is firmly and completely mounted.



NOTICE

To check the ladders, please also use our inspection sheet for fixed ladders below:

https://www.steigtechnik.de/Downloads/Kontrollblaetter/Kontrollblatt_Steigleitern_beschreibbar.pdf



Use of the safety-runner



DANGER

Danger of accident

Always observe the safety regulations on page <?>.

End guards

All points on the arrester rail where the safety-runner could unintentionally detach from the arrester rail and there is or could be a danger of falling must be provided with end guards.

Entry at the beginning of the arrester rail

The safety-runner must be inserted at the end of the arrester rail with the orientation "arrow pointing upwards". Attention must be paid to proper insertion.

A functional test must be carried out at this point. Hold the safety-runner by the carabiner and let it fall under its own weight. Hold the safety-runner in your hand during the test without affecting the falling. Climbing up the ladder or step-irons can now be done safely.



DANGER

Danger of falling

Within the first 2 m the user may not be protected against hitting the ground. Particular caution is required when ascending and descending.

Fig. 15
Ladder with arrester rail GÜFA

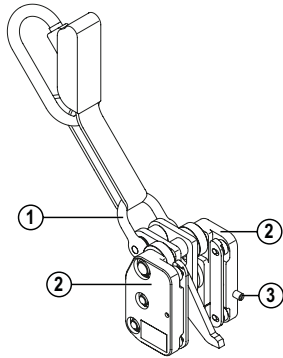


Fig. 16 Safety-runner (GÜFA 5)

1. Hold the safety-runner on the shackle (1) and base body (2) with a slight downward pull and guide it into the arrester rail in the guide direction.
2. The shaft screw (3) prevents incorrect insertion into the arrester rail (Fig. 16).
3. When the safety-runner reaches the type A or type B end stops (Fig. 17), the safety-runner is prevented from leaving the arrester rail unintentionally upwards or downwards.
4. Attach the carabiner hook of the safety-runner to the eyelet on the safety harness of the fall arrester according to DIN EN 361.

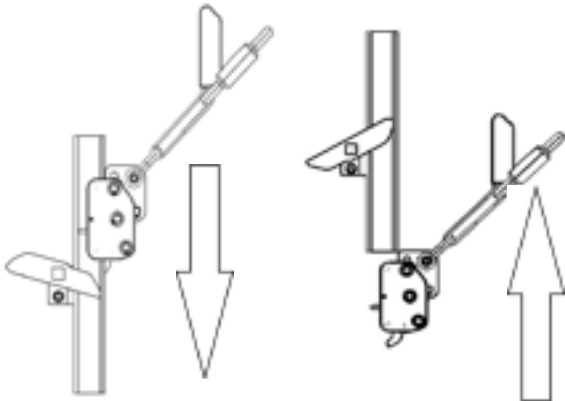


Fig. 17 Entering the climbing arrester system

Exit at the beginning of the climbing arrester system

1. From the secured position, hold the safety-runner on the shackle (1) and on the base body (2) and swivel the lever of the end stops against the direction of action (Fig. 18) so that the safety-runner can pass over the position of the end stops and be guided out of the arrester rail.

2. Unhook the carabiner hook of the safety-runner from the eyelet on the safety harness of the fall arrester.

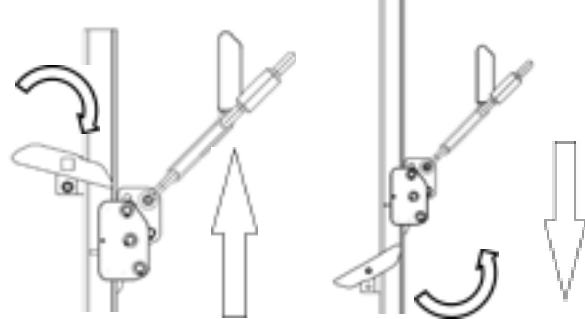


Fig. 18 Exiting the climbing arrester system

Operating instructions and training

For the use of personal protective equipment (PPE) against falls from a height, the employer must draw up operating instructions containing all the information required for safe use, in particular the dangers according to the hazard assessment, the behaviour when using the PPE and any defects found.

A plan of rescue operations must be in place, taking into account all possible emergencies at work.

PPE users must be trained in accordance with the operating instructions. Instruction must be given at least once a year, more often if necessary.

If the climbing arrester system (or part of it) is resold in another country, the reseller must provide the instructions for use, maintenance, periodic inspection and repair in the local language.

The company to which the user belongs is responsible for preparing the documentation and entering the required information.

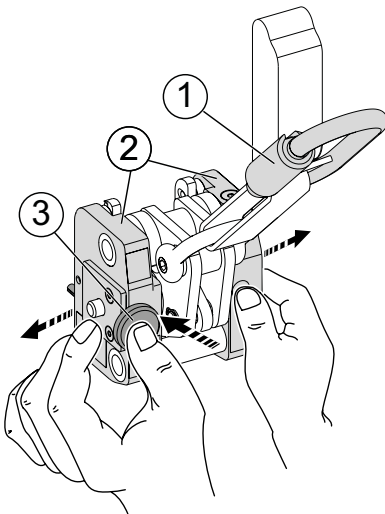


Fig. 19
Spreading the GÜFA Flexx

Entry along the course of the arrester rail (GÜFA Flexx only)

The GÜFA Flexx safety-runner also allows access along the course of the arrester rail through an extension mechanism.

1. For the functional inspection, hold the GÜFA Flexx by the carabiner (1) and let the safety-runner hang by its own weight. The latching lever must then move towards the main body (2).
2. Attach the carabiner hook of the safety-runner to the eyelet on the safety harness of the fall arrester according to DIN EN 361.
3. Hold the base body (2) with both hands in the "up arrow" orientation.
4. Press the pressure plate (3) with the thumb of your left hand. Pull the base body (2) apart with both hands.



NOTICE

Pressure plate (3) can only be operated in the "arrow up" direction.

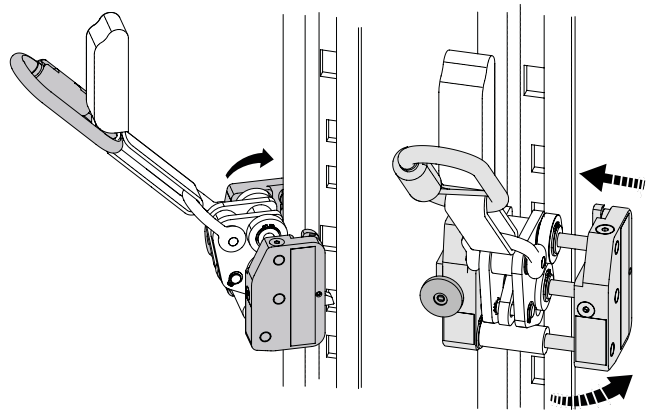


Fig. 20
Insert GÜFA Flexx into the arrester rail

5. Hook the base body (2) onto the left side of the arrester rail.
6. Fold the base body (2) over the right side of the arrester rail.
7. Release the pressure plate (3).
8. Press the base bodies (2) together with both hands.

The side panels now completely enclose the running rail of the arrester rail.



DANGER

Danger of falling

The safety-runner must be completely engaged. The pressure plate (3) jumps automatically to the home position.

Exit along the arrester rail (GÜFA Flexx only)



DANGER

Danger of falling
Exit the climbing arrester system only from a secured position.

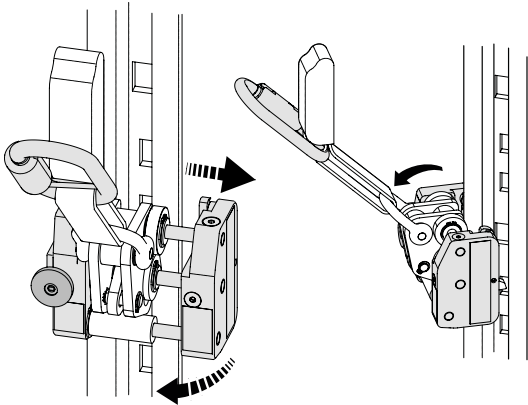


Fig. 21
Remove GÜFA Flexx from the arrester rail

1. Hold the main body (2) with both hands.
2. Use the thumb of your left hand to operate the pressure plate (3). Pull the base body (2) apart with both hands.
3. Pull the extended base body (2) to the right of the arrester rail.
4. Pull the left side of the base body (2) off the arrester rail.
5. Unhook the carabiner hook of the safety-runner from the eyelet on the safety harness of the fall arrester.

Maintenance, cleaning, decommissioning, dismantling and disposal



NOTICE

Maintenance means maintaining the safe function through preventive measures such as cleaning and appropriate storage.

Maintenance and cleaning of the safety-runner

After climbing, the safety-runner with the strap element must be removed from the arrester rail.

Check the climbing arrester system for damage.

The safety-runner after the climb:

- clean (but not with aggressive substances such as acids). In case of heavy soiling, clean, warm tap water with standard soap can be used. Then dry with a clean cloth and leave to air dry completely (but not on the heater, fire or in direct sunlight).
- store and transport in a dry, clean, not too warm place, free from vibrations and sharp edges.
- Protect from direct exposure to light and UV radiation as far as possible.
- Do not store near heaters, fire or other sources of heat.

If the safety-runner gets wet, dry it (but not on a heater, fire or in direct sunlight).

Decommissioning, dismantling and disposal

The packaging must be disposed of in accordance with the applicable regulations and statutory provisions.

The packaging and the product are not toys. There is a danger of suffocation when playing with the packaging.

At the end of its serviceability, parts of the climbing arrester system must be safely removed from use and disposed of in accordance with the applicable regulations. As aluminium is a high-quality material, it should be recycled.

For detailed information, please contact your local authority.

Warranty and liability

The scope, period and form of the warranty are recorded in the terms and conditions of sale and delivery of MUNK GmbH. For warranty claims, the operating instructions valid at the time of delivery are always decisive.

Beyond the terms and conditions of sale and delivery, the following applies:

No liability will be assumed for personal injuries or property damage that have arisen due to one or several of the following reasons:

- improper use
- ignorance or non-compliance with these operating instructions,
- improper installation and use of the product,
- improperly performed repairs,
- Use of other than original replacement parts,
- Use of the system with defective components,
- inadequately qualified or insufficient assembly and user personnel,
- unauthorised structural modifications,
- Disaster situations due to the effect of foreign matter and excessive force.

The operator must ensure on its own responsibility that the safety provisions are adhered to and that the device is used for its intended purpose.

Please note that the distribution or reproduction of these operating instructions or the disclosure of its contents is only permitted with the explicit consent of MUNK GmbH.

Violations of the statements given above shall result in an obligation to pay compensation for damages.

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Copyright

These instructions apply to all products whose material numbers are listed on the title page.

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The document is intended for the user of the product described and may only be passed on to the purchaser if the product is resold.

Subject to technical modifications and errors. No claims to specific properties of the product can be derived from the contents of these operating instructions.

Documentation

Annual inspection

Inspection criteria	Yes	No
1. Carabiner hooks		
unsoiled		
undamaged		
Safety lock intact		
2. Belt fall arrester		
no older than 10 years/6 years when used in low temperature range +1 year storage time		
undamaged		
no tears		
3. Shackles		
unsoiled		
undamaged		
bolts firmly screwed on		
red sealing wax on shackle and bolt connected together		
4. Rollers		
unsoiled		
undamaged		
move freely		
5. Spring		
unsoiled		
undamaged		
not broken		
6. Latching lever		
unsoiled		
undamaged		
move freely		
7. Guide carriage		
unsoiled		
undamaged		
move freely		
8. Circlips		
available (GÜFA 5: 10 pcs.; GÜFA Flexx: 9 pcs.)		
securely mounted on the bolts		
9. Arrester rail		
no corrosion		
no damages / deformations		
10. End guards		
no corrosion		
no damages / deformations		
fully functional		

Inspection criteria	Yes	No
11. Pressure plate, position "arrow upwards" (only GÜFA Flexx)		
Pressure plate can be actuated		
Side pieces can be pulled apart		
Side pieces move together automatically		
12. Pressure plate, position "arrow downwards" (only GÜFA Flexx)		
Pressure plate blocked when actuated		
13. Pressure plate (only GÜFA Flexx)		
unsoiled		
no damages / deformations		
14. Countersunk bolts (only GÜFA Flexx)		
available (5 pcs.)		
securely attached with the side pieces		
15. Shaft screw of the insertion safety pin		
Shaft screw protrudes at least 8 mm		
16. Damages detected (previous columns answered with "No") (Any damage detected must also be entered in the "documentation of the equipment".)		
17. Measures implemented	Yes	No
Destruction carried out		
Repair performed		
18. Slide mechanism is approved		
Date		
Signature		
19. Next inspection on		

Documentation of the equipment

Product		Type and model / Identification	
Brand name		Dealers	
Address			
Phone and Fax nos.		Email	
Sales date		Date of initial use	
Range of application			
Other significant information			

Documenattion for the annual inspection

Date	Reason for the treatment (regular check or repair)	Damages detected, repairs performed and other essential information	Name and signature of the competent person	Date of the next periodic review

Assembly protocol

Assembly protocol (to be filled out by the installer):

Manufacturer:
MUNK GMBH
Rudolf-Diesel-Strasse 23
89312 Günzburg
Germany

Type of climbing arrester system: _____

Year of manufacture of the climbing arrester system: _____

Installed on:

- ☐ Fixed ladder
☐ Step iron gear
☐ Mast Ladder

- ☐ Shaft ladder
☐ MUNK single-rail ladder

Installed on: _____

Installed by: _____

Name of the installer: _____

Signature of the installer: _____

EU Declaration of Conformity

The manufacturer or his authorised representative established in the Community

MUNK GMBH

Rudolf-Diesel-Strasse 23

D-89312 Günzburg

hereby declares, that the

Guided type fall arrester including fixed guide

Type: GÜFA

and

Type: GÜFA Flexx

both conform with the provisions of Regulation 2016/425/EU and with the standard DIN EN 353-1:2018 and are identical to the PPE which were the subject of

DEKRA Testing and Certification GmbH

D-44809 Bochum

Identification no.:0158

issued EU - type examination certificate **No.: ZP/B051/20**,

which, on the basis of Regulation 2016/425/EU, undergo internal production control with supervised product testing according to module C2 under the supervision of the notified body

DEKRA Testing and Certification GmbH

D-44809 Bochum

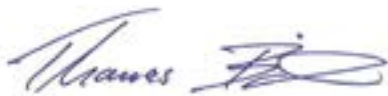
Identification no.:0158

Günzburg, 17.01.2022

MUNK GmbH

Rudolf-Diesel-Strasse 23

89312 Günzburg, Germany



Thomas Bichler
Standards Representative

Safety. Made in Germany.

MUNK Rettungstechnik is a brand of the MUNK Group and is synonymous with premium quality for fire service ladders, rescue platforms and transport logistics.



MUNK Günstzburger Steigtechnik



MUNK Rettungstechnik



MUNK Profiltechnik



MUNK Service

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