

USER MANUAL



DESCENT AND RESCUE DEVICE – UZO 9

DATE OF MANUFACTURE: MM.RRRR

SERIAL NUMBER: UZO XXX MM.RR

Risk category 3

Maximum load allowed: 150 kg

Read the manual carefully before use!

MANUFACTURER'S DETAILS



Manufacturer's logo

UZO 9

Manufacturer's trade name

60 kg <  < 150 kg

Maximum weight of user

UZO 9 000 MM.RR

Serial number Month and year of manufacture

CE 1463

Number of the notified body responsible for quality control of the manufacturing process

EN 341:2011/2B

Number of the EU standard applicable to the device

-35°C < T < +60°C

Allowed temperature range

max 100 m

Max. length of one descent



An indication to read the user manual before using the device

THE DESCRIPTION AND DESIGN OF THE DEVICE

The descent and rescue device UZO 9 conforms to the standard EN 341:2011.

The device is operated manually and conforms to the requirements for B class equipment.

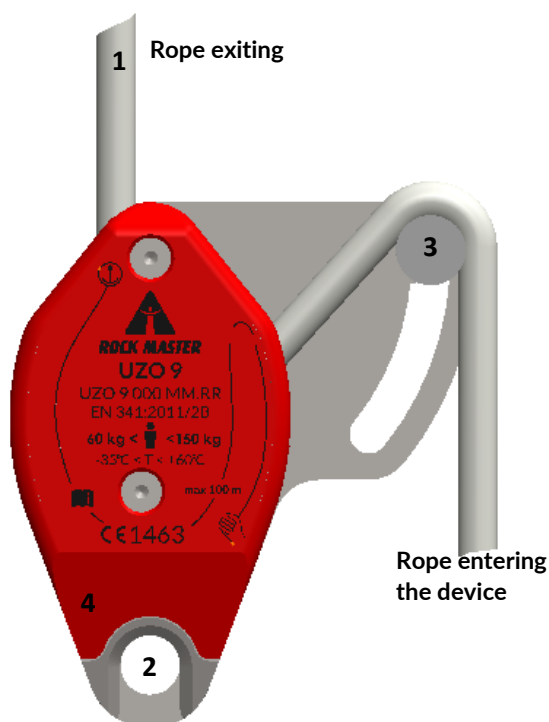
UZO 9 is fitted with a fixed 11 mm static rope [1].

The device's core is a fixed metal plate placed between two halves of its housing. The device tapers towards the bottom, where the attachment point for an EN362 conforming connector is located [2].

Inside the device a system of rollers guides the rope and a rotating cam that changes position to lock and unlock the rope by pressing it against a fixed, unmoving contact part. The textile rope enters the device from above, runs downwards, circling the cam from the left-hand side, and then upwards between the cam and the contact. It exits the device housing towards the handle for descent control.

Other mechanical parts are situated on the other side of the metal plate, under the back of the housing – like a gear that coordinates the movement of the handle [3] with the rotating movement of the cam.

To replace the rope, it is necessary to unscrew and open the front part of the housing [4].



Address:
Krolewska 94/11
30 – 079 Krakow



Contact us on:
office@rockmaster.eu
+48 12 290 30 35

GENERAL RULES FOR USING PROTECTIVE EQUIPMENT FOR SAFE WORK AT HEIGHT

Introduction

- Fall protection equipment should only be used by persons in good health and shape, with no contraindications to performing work at height and who have been adequately trained by a competent and authorized representative of the manufacturer.
- Fall protection equipment should only be used as indicated and designed. The incorrect use or incorrect combination of fall protection equipment can cause severe personal injury or death.
- It is strictly forbidden to modify the device or tamper with it. Any such action shall void the warranty.
- All repairs must be undertaken only by the manufacturer or by persons authorized by said manufacturer.
- Before commencing work using fall protection equipment it is essential that a rescue procedure, and, first and foremost, an adequate set of rescue equipment are in place.
- Work using fall protection equipment is to be carried out only under the guidance of a competent supervisor.

Using the device

- Before commencing work, the user has to:
 - read the user manual carefully
 - learn (and train) all basic rescue procedures and techniques
 - check the condition of the device (all parts working correctly, no damage, no wear and tear, no corrosion/"rust", no abrasions) and the correct assembly of all parts of the system as well as whether all parts fulfill the requirements of corresponding standards. The technical condition of all parts of the protection system is to be checked upon completing work as well
 - check, whether parts of the system do not interfere with one another
- It is forbidden to use the equipment if any of the parts does not work correctly.
- The only allowed PPE for fall arrest are harnesses according to EN 361.
- While working with fall protection equipment, proper anchor points according to EN 795 have to be used.
- The fall protection system should be fitted and fastened in a way that reduces the risk of falls and/or their potential length to a minimum. There has to be sufficient space below the worker. Also the distance required for fall absorption (the length of the deployed fall absorber) and the fall distance have to be considered.
- Exercise caution while working in difficult or demanding conditions: avoid extreme temperatures and weather as well as caustic substances.
- After a fall has been arrested, the device is to be retired! A device that has been retired is to be destroyed!, i.e. rendered non-usable.

Inspection and maintenance

- The device functioning correctly is crucial to preserving the user's health and safety; therefore, regular inspections are necessary.
- An inspection is to be carried out at least once per year (at least every 12 months). An inspection can be carried out by a competent authorized person; for more complex devices, an inspection is to be carried out by the manufacturer or a person authorized by the same in writing. Check the technical condition of the device as well as the function and all the markings, which need to be clearly visible. If the result of the inspection is unsatisfactory, the device should be retired.
- All information in regard to the equipment, including the periodic inspection results, shall be recorded in its designated logbook by the persons responsible for storing and maintenance. It is forbidden to use any equipment if its corresponding logbook has not been maintained properly and/or does not contain crucial information, if documents are missing or incomplete or if the equipment's history is unclear/unknown.
- The equipment's lifespan depends on environmental conditions, any harmful factors present, the intensity of use, and storage conditions.
- The lifetime of metal parts is not limited, as long as regular periodic inspections are carried out and recorded by competent persons.
- A device is to be retired if the maximum lifetime given by the manufacturer has been exceeded. The manufacturer can retroactively change the lifetime of a specific type of product and publish this information eg. on their website.
- To clean the device, wash it with clear, lukewarm water (up to 30°C), using a soft wipe; for more persistent dirt, use natural soap. Leave the device to dry in room temperature.
- The device can be sanitized using spray disinfectants.
- Only silicon-based spray grease can be applied to metal devices, if needed. Any excessive grease on the surface touching the rope or on the outside can be removed using a clean wipe.

Storing and transporting

- To ensure the longevity of equipment, when not in use, store it in its original packaging in a dry, ventilated place, at room temperature.
- Make sure to avoid exposure to dust and salty environments, high temperatures, harmful and corrosive substances, abrasive and sharp surfaces and edges when storing and transporting the equipment.
- Do not leave the equipment out where it is directly exposed to sunlight.

UZO DESCENDER – DETAILED INSTRUCTIONS FOR USE

Before use, familiarize yourself with the below information on the correct handling of the device; the information complements the general instructions for use of fall protection equipment and/or builds on them.

Scope of use:

Conforming to: EN 341:2011/2B

Max. length of one descent: 100 m

Maximum weight of user: 60 to 150 kg

Allowed temperature range: -35°C ÷ +60°C

NOTE:

Each piece of equipment should be accompanied by a set of instructions for its use, maintenance and periodic inspections and repairs in the language of the future user's country.

Lifetime and inspections

Standard wear and tear is to be expected when the device is used as designed and not exposed to any harmful environmental factors. The lifetime of the device is not limited as per manufacturer's instructions, as long as the rope is replaced at least every 10 years (by the manufacturer).

The device should be inspected before and after every use by the user. That notwithstanding, the device has to be inspected at least once every 12 months. The inspection is to be carried out by the manufacturer or a person authorized by the same in writing and is to follow the checklist provided by the manufacturer.

If a fall has been arrested, the device is to be retired immediately.

INSTALLATION AND USE

The descent and rescue device UZO 9 is fitted with a fixed 11 mm static rope.

The device has been designed for four purposes, as:

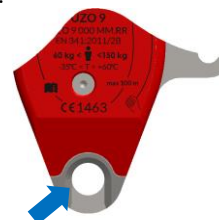
- A descender (short distance descents)
- A descender and rescue device for longer distances - only if the rope is bagged and attached to the descending user
- A rescue device for descents over an edge
- A rescue device for descents off a structure

For two former options, place the end of the rope exiting the device in the upper anchor point according to EN795: 2012 A or B before descending

For two latter options, the device is positioned in a different manner, ie. the anchor point of the UZO 9 is used to connect the device to a structural anchor point according to EN795: 2012 A or B rather than to the user's harness.

1. UZO - using for descent

- Connect the upper end of the rope (the end feeding into the device) to an anchor point on the structure off which the descent will be performed using a EN 362:2006 conforming connector. The anchor point must conform to EN 795:2012 A or B
- Connect the anchor point of the descender to the appropriate point on the user's harness (conforming to EN 361:2005) as indicated by the manufacturer. Use a a EN 362:2006 conforming connector to attach the UZO to the user's harness.

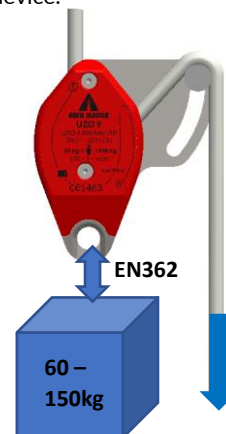


- Leave the end of the rope, including the part where it feeds into the device, hanging free below the device.

NOTE:

Because of its technical properties and how they are potentially affected by the weight of rope below, the UZO device is only designed for short descents, where the weight of the rope below will not adversely affect the function of the device. The maximum free length of rope below the device is 15 m.

- Place an independent fall arrest device on your backup rope before commencing descent.
- Attach the connector of the fall arrest device to the anchor point on the harness marked with a capital A (or equivalent according to the manufacturer's instructions).
- Check all the connections before commencing descent.
- Grab the rope exiting the device at ca. 30-50 cm from the device.
- When locked, the handle of the UZO, which supports the rope exiting the device, is up.
- To start abseiling, pull the handle downwards. It is done by pulling the rope feeding into the device.



NOTE:

When descending, pay attention to how the hand is placed on the rope when controlling speed!

The rope held in your hand will feed into the device while descending, therefore it's necessary to make sure the hand is positioned correctly to avoid injury!

UZO DESCENDER – DETAILED INSTRUCTIONS FOR USE

If using the UZO 9 for lowering, ie. in a reversed position, the length of rope exiting the device does not affect its function; therefore, for lowering over edges, there is no height limit, as long as the maximum length of a single descent does not exceed 100 m.



5. UZO 9 – rescue

- Attach the UZO 9 by its anchor point to a structural anchor point according to EN795: 2012 A or B using a fall arrest lanyard and EN362 conformant connector(s).
- The rope exiting the device is directed vertically upwards, to the anchor point.
- The rope entering the device, including its end, should be near the operator at all times, coiled or bagged in such a way that lowering is still possible; this part of rope allows the operator to control the descent speed.
- The lowering speed is adjusted via the handle on the UZO 9, by pulling the part of the rope feeding into the device. Pulling on the rope will increase descent speed, releasing it – will slow it down or bring the user to a complete halt. Pulling on the rope will increase descent speed, releasing it – will slow it down or bring the user to a complete halt.
- If control over the rope is lost (eg. it was released), the device will perform an emergency stop.

UZO 9 DESCENDER – WARRANTY CARD

THANK YOU FOR PURCHASING A ROCK MASTER PRODUCT

Congratulations on the purchase of your new equipment. Please remember that to enjoy it safely and for a long time it is crucial to use it correctly, according to its design and purpose.

Should you need to use services covered by the warranty, please get in touch directly with the manufacturer or with a customer service and/or repair shop authorized by the manufacturer.
Before reaching out for service, please read the manual carefully.

DEVICE NAME:

TYPE:

SERIAL NUMBER:

MANUFACTURED BY:



DATE OF MANUFACTURE:

DATE OF PURCHASE:

WARRANTY PERIOD

12 months from purchase, until:

WARRANTY CONDITIONS

1. Rock Master sp. z o. o. sp. k. provides a 12 month warranty for the correct function of the device, starting from purchase.
2. The warranty only covers manufacturing faults.
3. Any fault discovered should be reported to the manufacturer or to a customer service and/or repair shop authorized by the manufacturer.
4. The manufacturer guarantees that any faults discovered during the warranty period will be checked at no cost and removed at no cost within 14 or 21 days since they were reported. The warranty period is extended by the time needed for repairs.
5. In case of any complaints, it is only possible to replace the faulty product if the repairs undertaken are unsuccessful and the manufacturer deems the product impossible to repair.
6. The warranty card is only valid together with proof of purchase and is the only basis for any warranty service.
7. When purchasing, you declare to have read and accepted the warranty conditions.

NOT COVERED BY THE WARRANTY

1. The product is to be used only as designed, any other use is not covered by the warranty.
2. Any repairs by unauthorized persons, tampering or modifications void the warranty.
3. Any normal wear and tear (scrapes, scratches, slight chafing of the protective or decorative coating) is not covered by the warranty.
4. The warranty does not cover normal maintenance work required for the device to function properly or inspections necessary during the warranty period.

REPAIRS

DATE OF REPORT	DATE OF REPAIRS	REPAIRS UNDERTAKEN AND/OR PARTS REPLACED	SERVICE CENTRE – SIGNATURE AND STAMP

Address:
Krolewska 94/11
30 – 079 Krakow




Contact us on:
office@rockmaster.eu
+48 12 290 30 35

UZO 9 DESCENDER – LOGBOOK

The owner and sole user of the equipment is responsible for keeping to logbook updated and complete. Before the equipment is first issued, the logbook should be completed by the person responsible for stock keeping with all necessary information in regard to the equipment (name, type, serial number, date of purchase, catalogue number, the manufacturer's name). Information on periodic inspections is entered by the manufacturer or their authorized representative.

NOTE:

It is forbidden to use any PPE for which no logbook is present or is incomplete.

DEVICE NAME:	
TYPE:	SERIAL NUMBER:
MANUFACTURED BY:  ROCK MASTER <small>SAFE WORK AT HEIGHT</small>	
DATE OF MANUFACTURE:	FIRST USED ON:
DATE OF PURCHASE:	LAST USED ON:

INSPECTION AND REPAIR HISTORY					
NUMBER	DATE	REASON	RESULT	DATE OF THE NEXT INSPECTION	INSPECTION CARRIED OUT BY (SIGNATURE)
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					