

Woodpecker

HH-8629

单向制停滑轮使用说明

PROGRESS-CAPTURE PULLEY

Safety precautions

Warning

This manual explains how to use the equipment and only appropriate techniques and uses are described. Warning signs tell the potential risks but they don't cover everything. Please read every each warning carefully and use your equipment properly. Any misuse might lead to danger. If you are in doubt, please contact XINDA.

	Risk of severe injury or death
	Risk of accident or harm
	Appropriate way of use
	Incorrect way of use

Note before using

1. Field of application

This product is used as PPE (personal protective equipment). It must not be used beyond its limits, nor be used for any purpose other than for which it is designed. It is compliant with EN 12278: 2007 and EN 567:2013 and includes a ball bearing. Warning: Activities involving the use of this equipment are inherently dangerous and can lead to severe injury or even death. You must be responsible for your actions and decisions.

Read and understand the instructions before use.

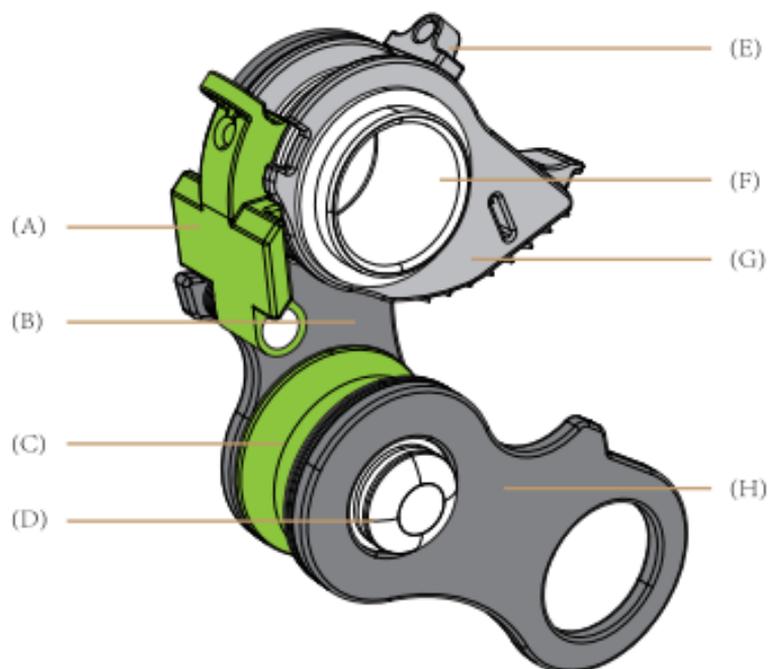
Have got adequate training in how to use it properly.

Know and understand its function and limits.

Be aware of the potential dangers and accept the possibilities.

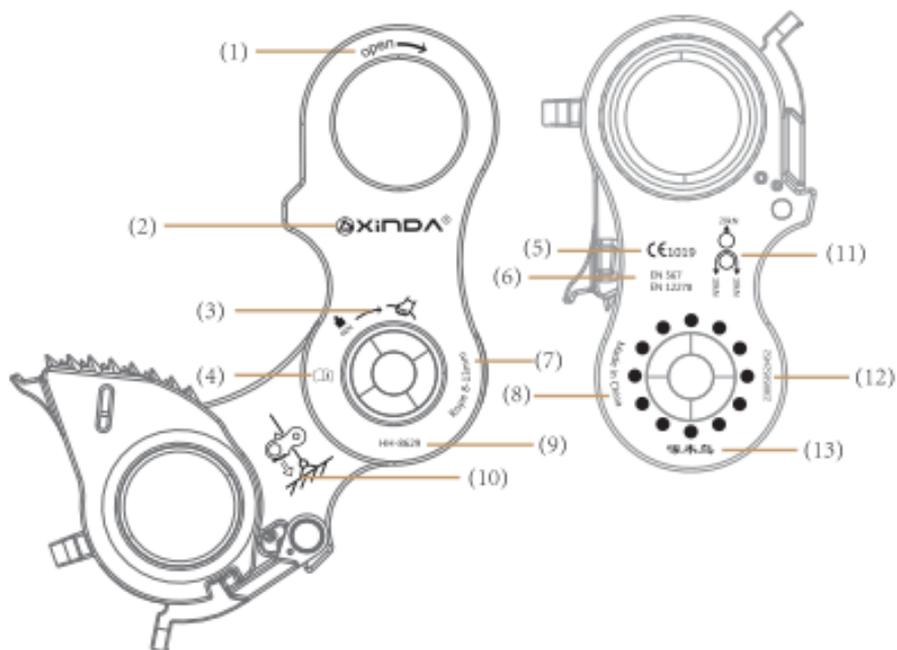
Any neglect of above warnings might lead to severe harm or even death. Only qualified person or the person under supervision of a competent and experienced party can use this product. You are responsible for your actions and decisions. If you can not take the responsibilities, don't use it.

Nomenclature



- (A) Braking switch
(B) Fixed side plate
(C) Sheave
(D) Alxe
(E) Attachment hole for thread
(F) Attachment hole
(G) Cam
(H) Moving side plate
Main materials: aluminum, steel.

Marking



- (1) Orientation
- (2) Brand logo
- (3) Breaking strength when used a progress capture pulley
- (4) Diagram to remind users to read instructions
- (5) In compliance with European legislation regulation (EU) 2016/425 and the number of the notified body carries out product quality management according to Module C2
- (6) European used standards
- (7) Compatible rope diameter
- (8) Place of origin
- (9) Product number
- (10) Diagram for use as ascender
- (11) Maximum work load as pulley
- (12) Tracking code

Before use

Check if the product is free of cracks, deformation, scratches, wear and corrosion etc. Verify that the pulley runs well and the axle and the moving side plate are vertical. Check the movability of the cam and elasticity of the spring. Warning: Stop using the Woodpecker if you see severe wear or loss of the cam thorns. Verify that there are no obstacles inside the item.

During each use:

It's essential to be aware of its condition and connection with other equipment frequently. Make sure every each part in the system is properly connected. Foreign objects, such as dirt, ice, snow or debris, might hinder the function of the cam.

Warning: braking effect may vary due to the conditions of the rope used with(for instance, the rope is worn, wet, icy or frozen). Braking function will be totally disabled when the cam is well outside the body of the pulley.

If you have any doubt in the condition of the product, please contact XINDA.

Compatibility

Make sure the product is in good compatibility with other parts(compatibility means fine functional interaction).

Ropes

The Woodpecker can be used on 8-11mm diameter kernmantel ropes(EN892 dynamic, EN1891 semi-static).

Carabiners

Oval-shaped or HMS locking carabiners are recommended for use. Make certain that your carabiners are compatible with the Woodpecker and always loaded on the main axis.

ISO9001 Standards Complied



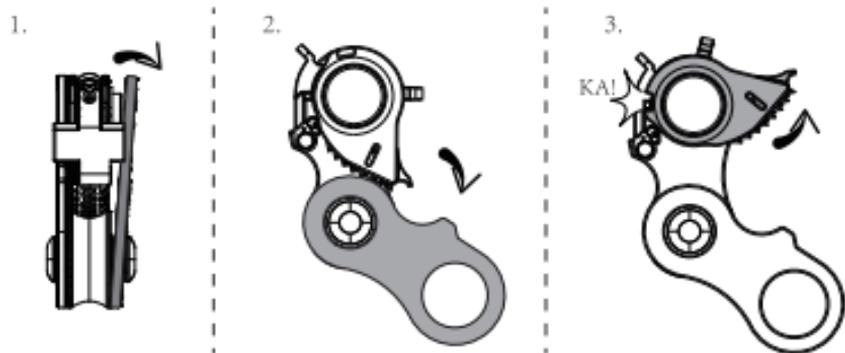
Bar Code



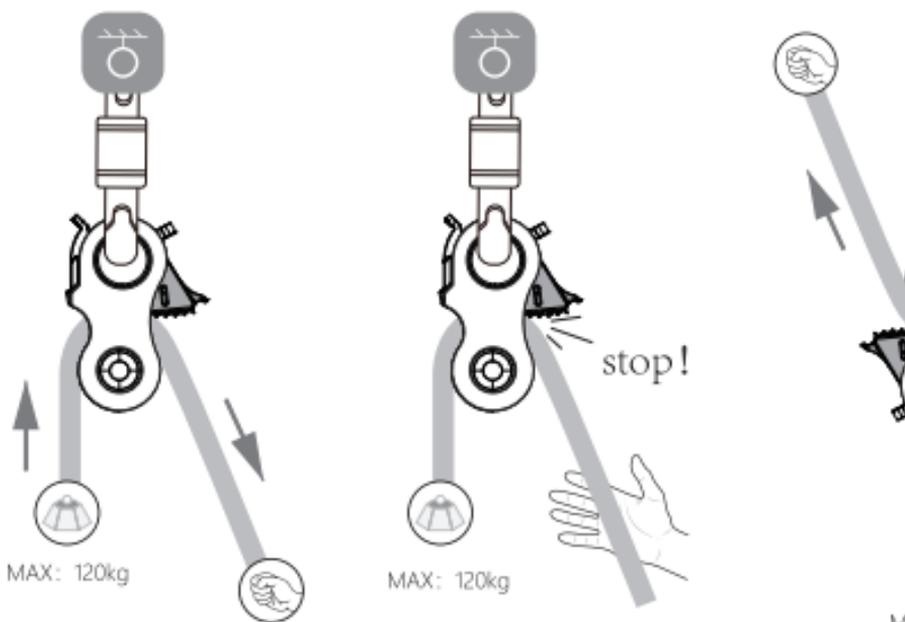
 **XINDA**®

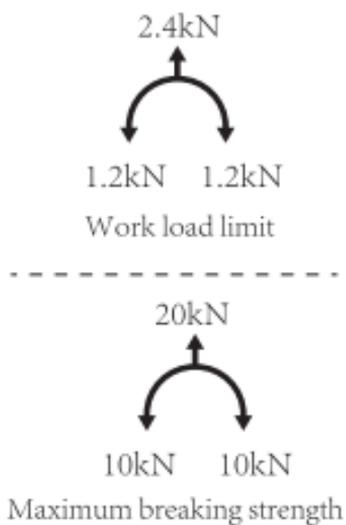
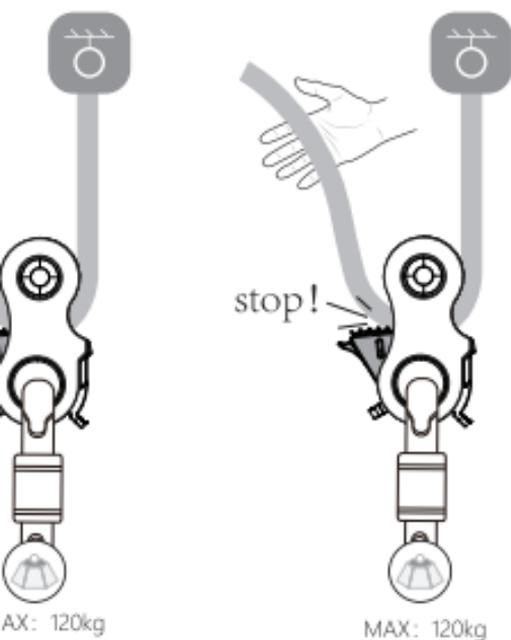
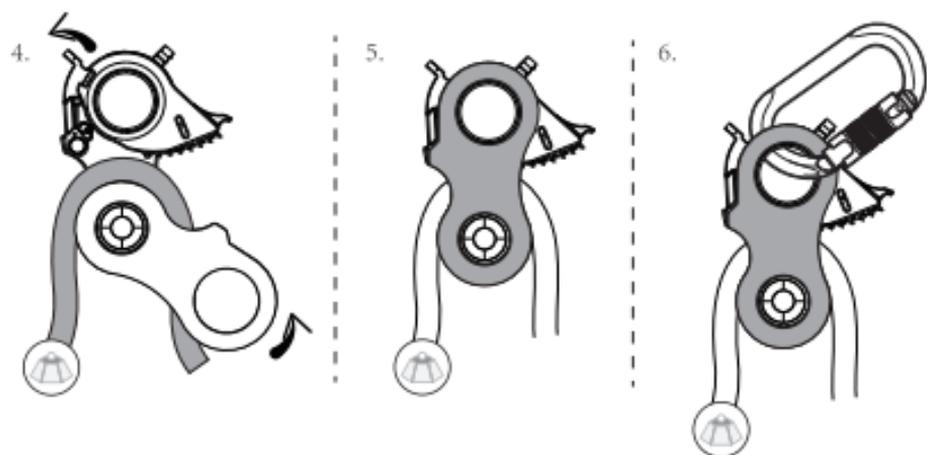


3. Installation



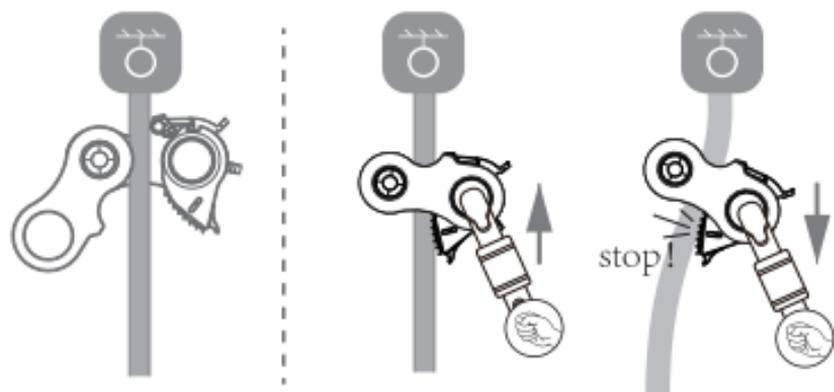
4. Progress-capture Mode



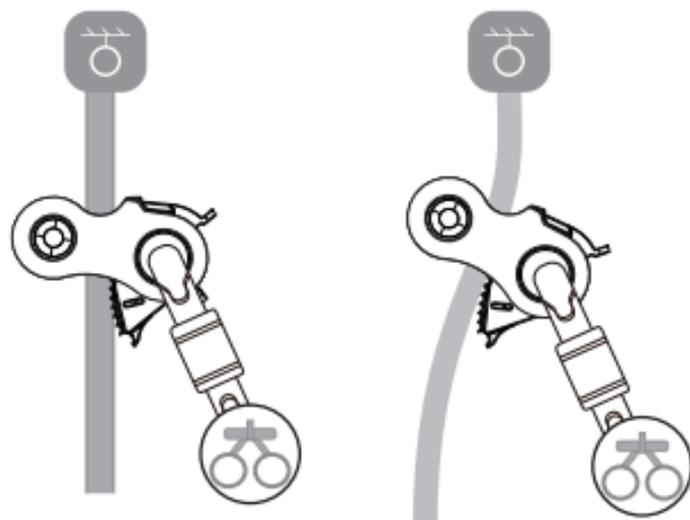


5. Ascender Mode

Function test



Used with a Harness



3. Installation of the Woodpecker

Press on the moving side plate and pull it outward and then turn it 180° . Turn and fix the cam and put rope in the sheave. Close the side plate and let down the cam. Then install the carabiner onto the attachment hole. Function test needs to be carried out before use. The rope slides up in one direction and locks in the other. The cam thorns initiate the clamping and then the rope is pressed against the sheave and locks.

To remove from the rope

Unlock the carabiner and open the moving side plate. Turn and fix the cam.

Slide the pulley upward and separate the rope. The rope will disengage itself automatically.

4. Progress-Capture Mode

To disable this function, you only need to turn the cam till it is locked against the switch. To enable, you only need to raise the switch outward.

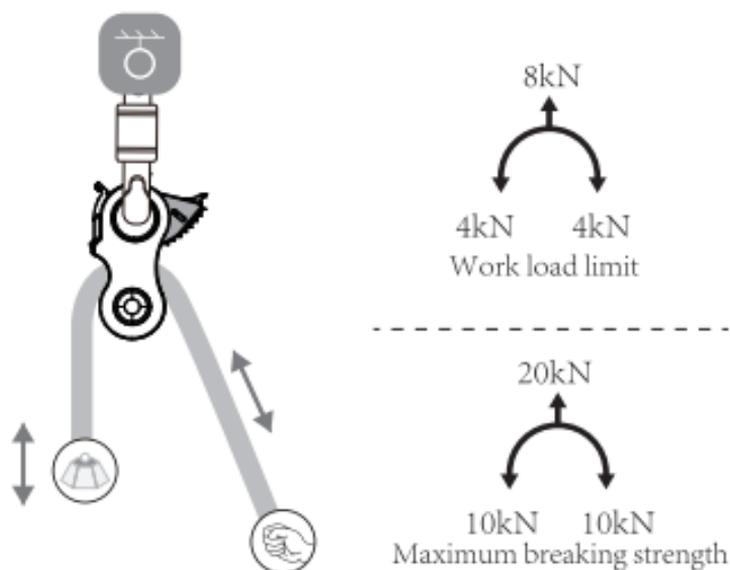
Breaking strength when used as progress-capture pulley: 1.2kN.

5. Ascender Mode

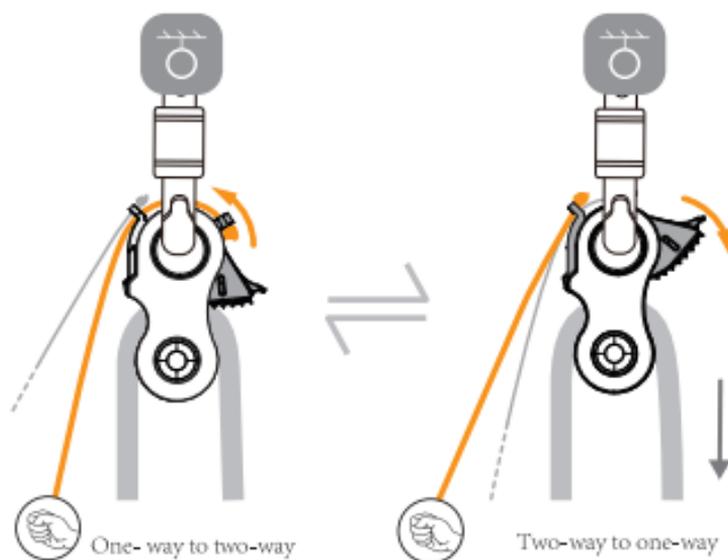
Raise the moving side plate and turn it 180° . Place the device on the rope in the correct direction and then close the moving side plate. Secure a compatible carabiner into the attachment hole. Finally, perform a function test to verify its good function and appropriate positioning of the rope.

This device can move up freely and lock will lock in the placed position. Be careful when getting near the anchors and/or intermediate anchors. The device should not be put into use under any circumstance if the fall factor is greater than 1. In other words, the user must always be below the device and/or anchor point. Attention! The rope will break with a potential fall factor greater than 1. Attention! The

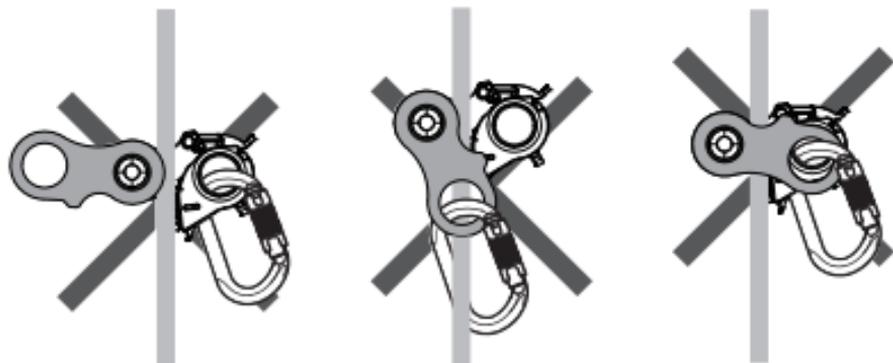
6. Pulley Mode



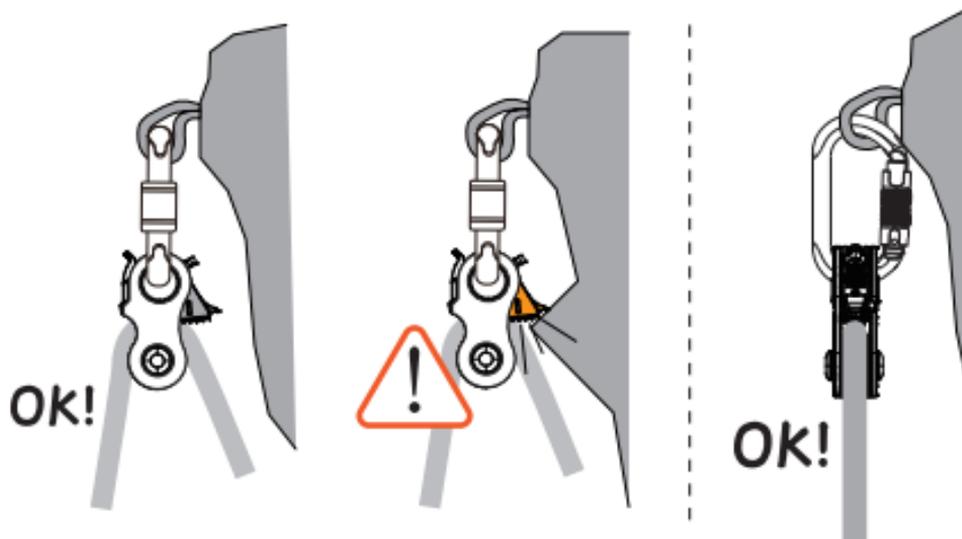
7. Remote-Switching Mode

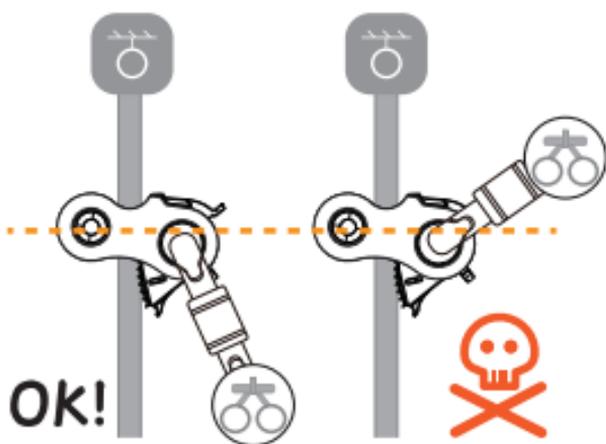
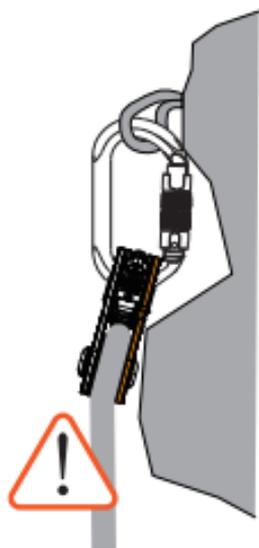
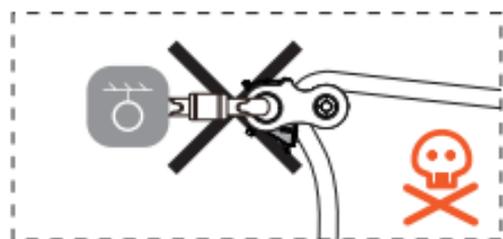


9. Wrong operations



10. Warning





7.Remote-Switching Mode

There are attachment holes on the switch and cam and the user can switch mode by a connecting line. The line can be 2mm Dyneema rope.

When to retire your equipment:

WARNING: an exceptional event can lead you to retire a product after only one use, depending on the type and intensity of usage and the environment of usage (harsh environments, marine environment, sharp edges, extreme temperatures, chemicals...).

A product must be retired when:

- It has been subjected to a major fall (or load).
- It fails to pass inspection. You have any doubt as to its reliability.
- You do not know its full usage history.
- When it becomes obsolete due to changes in legislation, standards, technique or incompatibility with other equipment...

Destroy these products to prevent further use.

3-year guarantee

Against any material or manufacturing defect. Exclusions: normal wear and tear, oxidation, modifications or alterations, incorrect storage, poor maintenance, negligence, uses for which this product is not designed.

device must be used together with other ascent devices when ascending a vertical rope.

Installation.

Raise the mobile side plate by lifting it slightly and turn 180° . Hold the rope slightly in tension with one hand and with the other hand position the device on the rope in the correct direction. Close the mobile side plate by turning it in the indicated direction until the correct closing click is heard. Secure a compatible connector into the dedicated hole for connection. Finally, perform a functional test of the device to verify its good functioning and the correct direction of assembly of the rope.

The device is free to move upward and will lock in the position on which is placed. Be careful when approaching anchors and/or intermediate anchors. Under no circumstances should the device be used in situations with a potential fall factor greater than 1, i.e. the user must - at all times - be located below the device and/or the anchor point
Attention!

A fall with a fall factor greater than 1 could make the rope break.

Attention!

When ascending a vertical rope, the device must be used in combination with another rope-clamping device secured to the harness.

6. Pulley Mode

It can be used as a pulley when the switch is locked against the cam.

Work load limit when used as pulley: 4kN.

Breaking strength when used as pulley: 20kN.

Efficiency: 91%