

脚升使用说明书

FOOT RISER

ISO9001 Standards Complied



 **XINDA**®

Safety precautions

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

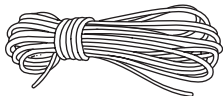
OK!

Appropriate way of use



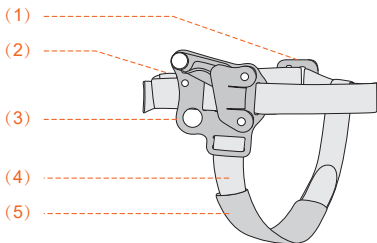
Incorrect way of use

Compatible rope diameter

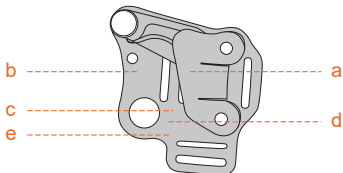


$$8 \leq \phi \leq 13 \text{mm}$$

Nomenclature



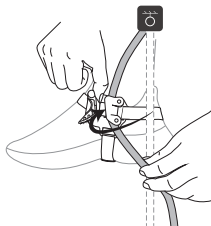
Marking



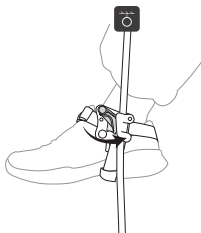
Rope Installation



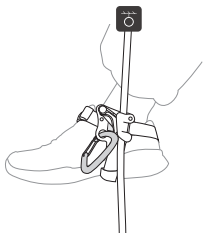
(1)



(2)



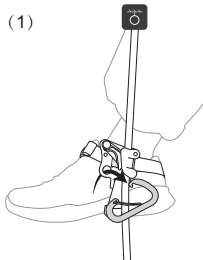
(3)



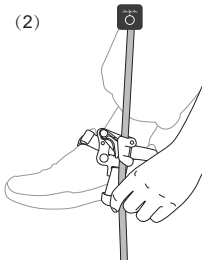
(4)

Rope Removal

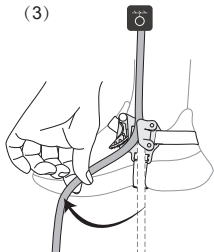
(1)



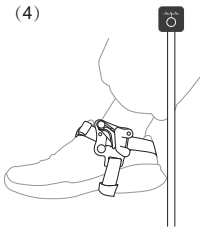
(2)



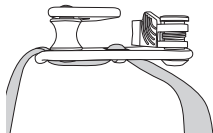
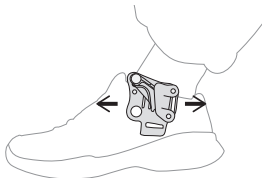
(3)



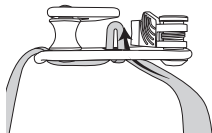
(4)



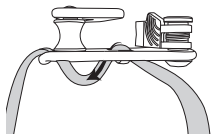
Adjusting



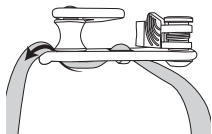
(1)



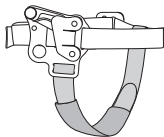
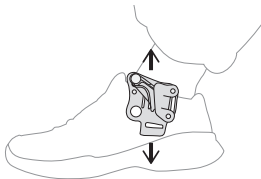
(2)



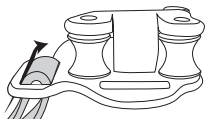
(3)



(4)



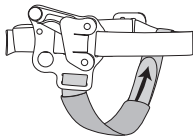
(1)



(2)



(3)



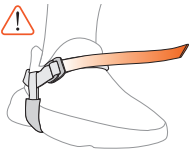
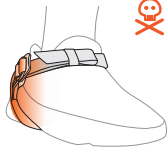
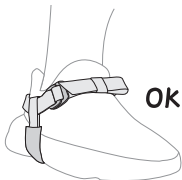
(4)

Important Notes

OK!

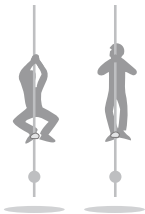
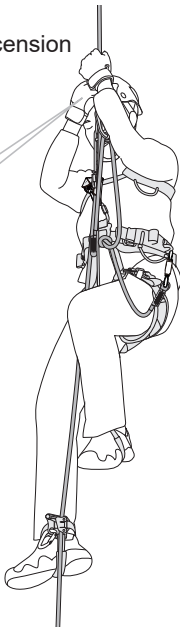
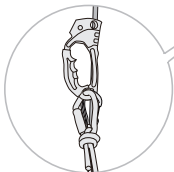


OK!



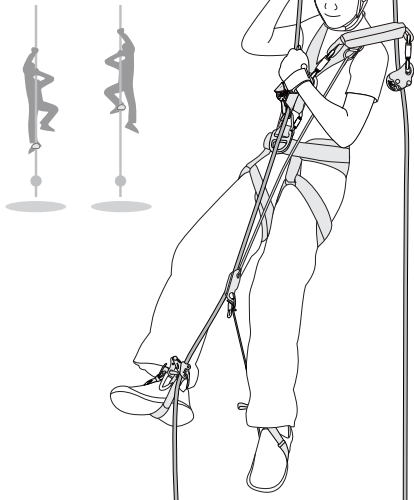
SRT Single-Rope Ascension

(Moving Forward Together)



DRT Double Rope Ascent

(Alternate forward)



Scope of Application

The foot ascender is not personal protective equipment(PPE).

The foot ascender is a device used to ascend a rope using the feet; it is an accessory designed to assist with movement. It keeps the body in a vertical position to facilitate rope ascent and is not intended for any fall protection functions.

Do not use a lanyard to connect yourself to the foot ascender.

Do not exceed the load limit when using this product, and do not use it for purposes other than those for which it was designed.

Liability**Warning**

Any activity involving the use of this equipment carries inherent risks.

You are responsible for your own actions, decisions, and safety.

Before using this equipment, you must:

- Read and understand the entire user manual;
- Undergo specific training for the use of this equipment;
- Be familiar with your equipment and understand its performance and usage limitations;

- Understand and accept the risks involved.

Failure to heed any of the above warnings may result in serious injury or death.

This product must only be used by competent and responsible individuals, or under the direct visual supervision of such individuals.

You are responsible for your own actions, decisions, and safety, and must accept the consequences. Do not use this equipment if you cannot assume this responsibility or do not fully understand these instructions.

Before Use Inspection

- Inspect the product for cracks, deformation, scratches, wear, corrosion, etc.

- Visually inspect the webbing and frame for wear.

- Check the condition of the cam (spring and shaft), verify that the cam moves freely, and test the spring's elasticity.

Note: If the cam teeth are worn or missing, stop using the product immediately.

Warning: Be careful—foreign objects may interfere with the cam's operation.

Nomenclature

(1) Adjustment buckle, (2) Tension strap, (3) Ratchet pawl, (4) Webbing, (5) Foot strap.

Marking

(a) Manufacturer's name or brand name, (b) Direction of use, (c) Product name, (d) Applicable rope diameter, (e) Working load.

Main Materials: Aluminum alloy frame, stainless steel cam, and polyester webbing**Installing the Foot Loop**

Properly attach the foot loop to the inside of your shoe. Adjust it so that the flat strap fits your shoe and allows for height adjustment (a lower ratchet position provides better climbing efficiency, while a higher position is more comfortable).

Rope Installation and Removal

Use EN 1891 Type A or Type B certified semi-static ropes with a diameter between 8–13 mm; or EN 892 certified dynamic ropes with a diameter between 8–11 mm;

Open the ratchet to install the rope, or press the rope down against the cam. Experienced users can automatically feed the rope using a specific foot movement.

To remove the rope from the foot ascender, simply perform a quick backward kick or pinch the rope beneath the foot ascender and pull it forward and to the left to release it quickly.

Operational Applications

It is recommended to use the right-foot ascender in conjunction with hand-operated and chest-operated ascenders.

This method is not recommended for the left-foot ascender, as it complicates passage through belay points.

Depending on the application (moving along a rope, caving, mountaineering), it can be used on a single rope or on two ropes.

- Synchronized Movement:

Press down with both feet simultaneously (more comfortable and powerful).

- Alternating Movement:

One foot under the other (very fast). This technique is easier to use when you are in contact with the wall.

When to Replace Your Equipment:

Warning: A single accident may render the product unusable after its first use, depending on the type of use, intensity of use, and environment (harsh conditions, marine environments, sharp edges, extreme temperatures, chemical exposure, etc.). The product must be discarded after experiencing any of the following:

- Exposure to a severe impact (or load)
- Failure to pass product testing. You have doubts about its safety.

- You are unaware of the product's full usage history.
- The product must be retired due to legal, standard, technical, or compatibility issues with other equipment.

- Destroy these products to prevent future misuse.

3-Year Warranty

We provide a 3-year warranty against defects in materials or workmanship. The warranty does not cover: wear and tear, deformation, oxidation, unauthorized modifications or repairs, improper operation, improper maintenance or storage, or damage resulting from use outside the product's intended purpose.