

## KRATOS - ASCENDER HANDLE INSTRUCTIONS



For your safety, comply strictly with the instructions for use, verification, maintenance and storage. George Taylor & Co. cannot be held liable for any direct or indirect accident occurring as a result of use other than provided for in this notice; do not use this equipment beyond its capabilities!

## LABELLING



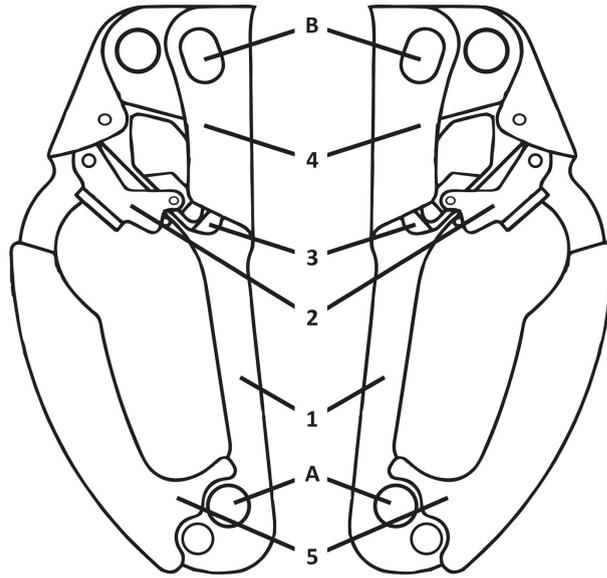
1. The number of the standard to which the product conforms
2. Indication of conformity with the directive
3. Number of the certifying organisation responsible for inspecting the equipment
4. Read the instructions before use
5. The product reference
6. Indicates the top of the device and therefore the direction of use
7. Manufacturer's name
8. The individual number



## USE AND PRECAUTIONS

Ascender handles are designed for rope access. An inappropriate use can cause serious and even fatal accidents. This user instruction will not teach you the techniques for using this equipment; the use of this equipment is therefore reserved for expert users. So it is essential, to be trained in these techniques before the use. Whatever the technique of using the ascender handle, check during the use the good position of the connector in the fastening hole of the ascender handle, the pulling forces must be applied to the connector only along the large axis.

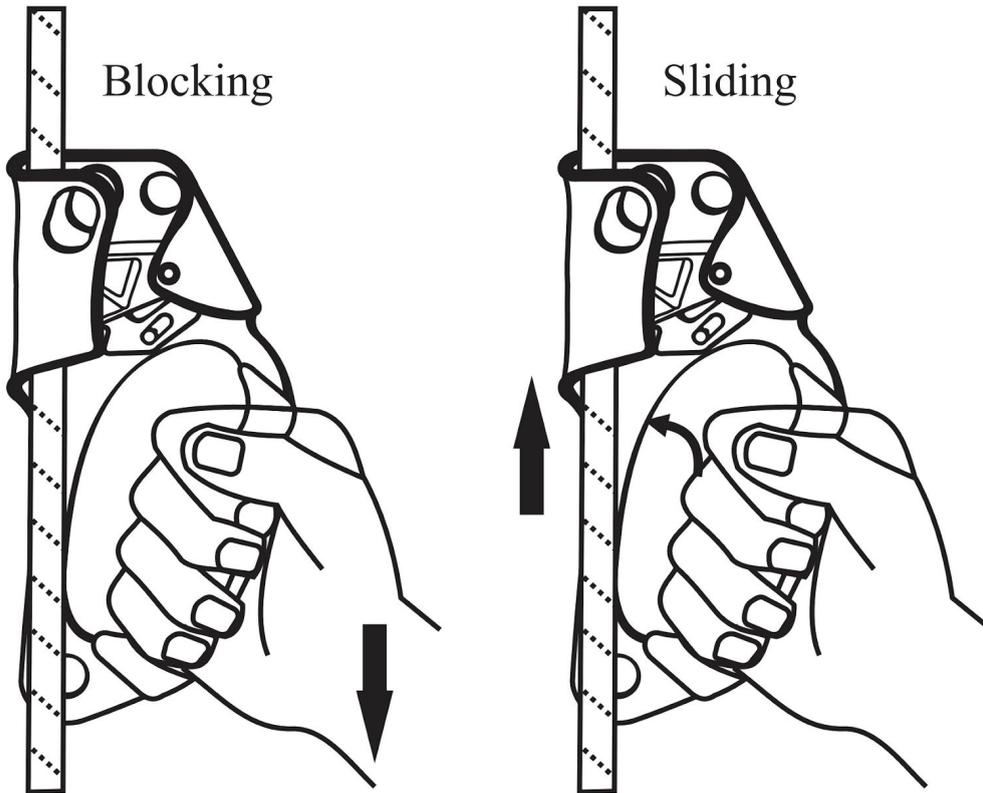
1	Frame
2	Safety Catch
3	Cam
4	Slot
5	Handle
A:	Fastening Hole
B:	Safety Hole



Left handled ascender - Black

Right handled ascender - Green

UP



### Installing the rope:

Pull the safety catch (2) down with your thumb and lock it on the frame (1) of the device, this action pulls the cam (3) out of the slot (4). Then put the rope into the slot (4), and replace the cam and the safety catch by pushing the safety catch. Do the same to remove the rope from the ascender handle. After installing the device, make a blocking attempt and check the sliding up (direction of use) of the ascender handle. Use semi static ropes EN1891 Type A- diam. 10 to 12 mm.

***The rope used with the handled ascender must not be used as rope for the fall arrest system.***

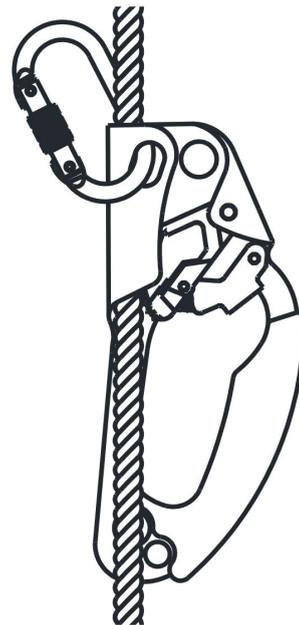
Do not use the handled ascender on dirty or frozen ropes. Avoid dynamic stress for it may damage the rope or reduce its serviceable life. Make sure that the rope end is always properly tied in order to prevent the rope from unintentionally going out of the ascender handle at the end of the rope – this will prevent serious injuries and even death.

### **Use:**

This ascender handle is designed for rope access when used in combination with a pedal foot loop (Ref.: FA 70 013 00). In that case, the pedal foot loop should be installed in the fastening hole (A) with a connector. In order to keep the rope from coming off accidentally, we recommend that you install a connector in the safety hole (B) (which will lock the rope between the slot (4) and the connector). Attach the progression rope to an anchor point (EN795) R> 15kN. Make sure that the anchor point of the rope is always above the work zone. Sharp edges, small diameter structures and corrosion should be avoided as they may affect the performance of the cable or strap; or they should be adequately protected.

Before and during use, we recommend that you take all the necessary precautions for a safe rescue should it be needed. This equipment is for the sole use of people trained, skilled and in good health, or under the supervision of a trained and skilled person. **Warning! Certain medical conditions may affect user safety; if in doubt, consult your doctor.**

Ensure that the general arrangement limits swinging in the event of a fall, and that the work is done in such a way as to limit the risk and the height of a fall. Before using, always check the condition of the ascender handle : visual inspection in order to monitor the condition of the frame, the connection holes, the safety catch and the cam, and the springs; they should be clean, free of deformation or oxidation, of abrasive or sharp parts likely to damage the rope. The axes should be properly fixed, the cam should return in closed position without blocking. Product markings should be readable. In case of deformation or if in doubt, the ascender handle must be withdrawn from service and should be replaced.



**Do not remove, add or replace any component of the device.**

### **Chemical products:**

Remove the device from service should it be exposed to chemical products, solvents or combustible materials that could affect its operation.

## **TECHNICAL DATA**

Material: Aluminium.

Weight: 220g.

## SUITABILITY FOR USE

The ascender handle should be used with a complete system of rope access including rope, connectors, ventral rope clamp, pedal foot loop... In every instance, the device should be used in combination with a fall arrest system such as defined in the descriptive data sheet (see standard EN363). A harness (EN361) is the only body-gripping device that may be used. It can be dangerous to create one's own fall protection system in which each safety function can interfere with another safety function. Thus, before using the system, refer to the usage recommendations of each component of the system.

**NEVER USE THE ASCENDER HANDLES WITH METAL WIRE ROPES. AN ASCENDER HANDLE WITH ITS WORK ROPE CANNOT BE CONSIDERED AS A FALL PROTECTION SYSTEM.**

## SERVICE LIFE

Service life of the product is 10 years (in accordance with the annual examination by a competent person authorized by KRATOS SAFETY), it is linked to a variety of factors, such as frequent or incorrect usage, climatic conditions (humidity, frost and ice), strong stresses, exposure to heat sources, ageing, exposure to chemical agents, etc. The more you take care of your equipment, the longer it will last. However, we recommend replacing your equipment at least every 10 years.

## CHECKING

For your safety, you should systematically check your equipment before, during and after use, if in doubt for a fall and at least every 12 months by the manufacturer or a competent person authorized by him. This frequency may vary in accordance with the frequency and the intensity of use. The descriptive data sheet must be filled in each time the product is checked.

## MAINTENANCE AND STORAGE

### **(Instructions to be strictly respected)**

During transport, keep the equipment away from any sharp part and protected in its packaging. Clean with soapy water, dry with a dry cloth and hang it in a naturally ventilated area away from any direct fire or heat source, as well as any elements which became wet during their usage. Bleaches and detergents are strictly prohibited. The equipment must be stored in a temperate, dry and ventilated area in its packaging protected from sunlight, heat and chemical products.