

Kratos - Fall Arrest Block Instructions

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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!



1. Indication of conformity with the directive
2. Number of the certifying organisation responsible for inspecting the equipment
3. The number of the standard to which the product conforms and its year
4. Manufacturer's name
5. Read the instructions before use
6. The product reference
7. Webbing or wire rope length
8. The individual number within the batch
9. The date of manufacture
10. Key below for tags:



The system must be stored away from heat and damp.



The anchor point must be situated above the user and have a minimum breaking strength of: > 12 kN



The maximum angle of use is 40°



Check that the cable is not damaged each time the system is used.



Do not let go of the cable but keep a hand on it as it reels in.



Suitable for horizontal use - Maximum load: 100kg



The system must be attached to one of the safety points of the harness.



To be used in a temperature range between - 30°C & 50°C



Maximum load for vertical use 100kg



The system must not be opened



Check that the cable reels in and out normally each time used.

INSTRUCTIONS FOR USE & PRECAUTIONS

A retractable fall arrester is a type of personal protective equipment.

It must be assigned to a single user (it can only be used by one person at a time).

When the user is moving (ascending/descending), the cable/webbing winds and unwinds around a pulley.

The cable/webbing is kept taut thanks to a counter spring.

In the event of a fall, a system prevents the cable/webbing from unwinding, instantly stops the user from falling further and starts to dissipate energy, at the same time the dissipating mechanism for the energy in the webbing placed at the end of the retractable lanyard tears to absorb the energy generated by the fall.

User safety relies on the effectiveness of the equipment and full understanding of the safety instructions contained in this leaflet.

The legibility of the product's markings must be checked regularly.

The device's anchoring point must be positioned above the user and must comply with standard EN795 (R>12kN - EN795:2012 or R>10 kN - EN795:1996).

For safety reasons and before each use, make sure that, in case of a fall, there are no obstacles to prevent the normal movement of the cable or the webbing.

The retractable lanyard on your device must not be extended (by adding a lanyard, connectors, or other components).

VERTICAL USE

The swivel can be connected to either the anchoring point on the structure or to the attachment point on the harness using a connector (EN362). It is prohibited to use the device with sharp edges structures with small diameters and corrosion as this can affect the performance of the cable or the webbing, unless these are adequately protected. Check that the general position limits the pendulum movement in the event of a fall and that the work is done so as to limit the risk and height of a fall. The maximum angle of inclination when used vertically must be: 40°. When used in this way, the clearance must be at least: 2.5 m under the user.*

HORIZONTAL USE

KRATOS SAFETY reels (FA 20 400 03, FA 20 500 03, FA 20 400 07, FA 20 501 06) have passed the horizontal use test for sharp edges with a radius of $r \geq 0.5\text{mm}$ (in accordance with European document RfU CNB/P/11.060: 2014).

For this horizontal use, the device's anchorage point must be located at the same height as the edge where the risk of a fall exists. To limit the swinging effects, the work zone must be located within a 30° angle of both sides of the axis perpendicular to the edge and passing through the anchorage point. When using the device horizontally, near a sharp edge, the top swivel must be connected to the structure's anchorage point, the energy dissipater placed on the retractable lanyard **MUST** be connected to the attachment point on the harness, use in the opposite direction is **PROHIBITED**. When used in this way, the clearance must be at least: 4.5 m under the user.* * : It is essential for safety reason to verify the clearance at the workplace before each use and during use in order to be sure there will be no collision with the ground or obstacle in case of fall. Take particular attention to obstacle in movement (for example truck, mobile work platform, etc).

Use the product between: -30°C / 50°C.

It is advisable not to suddenly let go of the cable/webbing when the cable is unwound; it is better to assist with the rewinding process.

Before and during use, we recommend that you make the necessary arrangements for a safe rescue, should this be required.

This equipment must only be used by trained, competent and healthy persons, or under the supervision of a trained and competent person.

Warning! Certain medical conditions can affect user safety, if in doubt please contact your doctor.

Be aware of the hazards that could reduce the performance of your equipment, and therefore the user's safety, if exposed to extreme temperatures (< -30°C or >50°C), prolonged exposure to the elements (UV rays, humidity), chemical agents, electrical constraints, twisting of the fall arrest system during use, sharp edges, friction or cutting, etc.

Before each use, check: that the locking system is working and that the fall indicator has not been activated (if installed on the connector). Check that the absorber has not been activated. Check that the cable/webbing is not cut, frayed or burnt. Check that the metal parts are not deformed or oxidised, and check that the connectors are working properly (locking/opening). The protective casings and the cover of the energy dissipater must be in place and undamaged.

Product markings must remain legible. If there is any doubt as to the condition of the device, or after a fall, it must not be reused (marking it with the words "DO NOT USE" is recommended) and must be returned to the manufacturer or to a qualified person appointed by the manufacturer.

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

TECHNICAL SPECIFICATIONS

Chemical products: Put the system out of use if it is exposed to chemical products, solvents or fuels which could affect its operation.

Wire

Cable diameter: 4,8 mm

Material: galvanised steel

Breaking strength > 12 kN

Webbing

Webbing width: 25 mm

Material: polyester

breaking strength > 15 kN

COMPATIBILITY

The device can be used with a fall arrest system as defined in the product's factsheet (see standard EN363) to guarantee that the dynamic force exerted on the user during the arrest of a fall is maxi 6 kN. A fall arrest harness (EN361) is the only body support device permitted for use. It may be dangerous to create your own fall arrest system in which each safety function may interfere with another safety function. As such, before each use, refer to the recommendations for use for each of the system's components.

INSPECTIONS

The recommended service life of the equipment is 10 years (in accordance with the annual examination by a competent person authorised by KRATOS SAFETY) for devices with a

cable lanyard or webbing lanyard, but it may be increased or reduced according to use and/or the results of the annual inspections. The product must always be inspected if there is any doubt or after a fall and at least annually by the manufacturer or the manufacturer's representative, to ensure it is strong and therefore safe for the end user. The product's fact sheet must be completed (in writing) after each check; the inspection date and the date of the next inspection must be indicated on the factsheet, it is also advisable to specify the date of the next inspection on the product.

MAINTENANCE & STORAGE

(these instructions must be strictly observed)

During transportation, keep the equipment away from any cutting edges and in its packaging. Clean with water, wipe with a cloth and hang in a ventilated room to dry naturally, ensuring that it is away from any direct light or source of heat; the same applies for elements that may have got wet during use. The device must be stored in a cool, dry and ventilated room, and in its packaging.