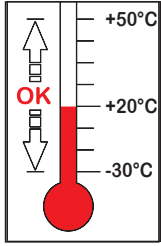




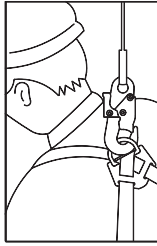
## Importation Notice of the Horizontal Lifeline



Inspect product condition before use.



Acceptable use of temperature range.



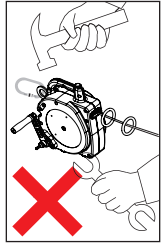
Attach safety harness comply to EN 361.



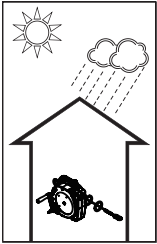
Max. weight allowed is 200 kg (100/per user).



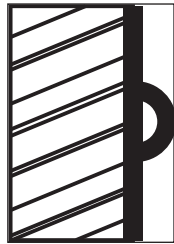
Keep away water, oil, any chemical, and electric.



Do not disassemble this product and repair by yourself.



Store the product in a cool, dry, clean environment.



Minimum strength of anchor device is 12kN.

## Limitations

- The potential dangers that arise when type C anchor devices are combined with retractable type fall arresters (EN 360) or guided type fall arresters including a flexible anchor line (EN 353-2) which have not been tested together.
- The anchor device should only be used for personal fall protection equipment and not for lifting equipment.
- Before the installation, this is essential to consider the deflection (F) of the lifeline in case of fall. the table below is given as an example:

Length of the lifeline installed (m)	Deflection (m) of 2 users under 100 kg	Deflection (m) of 2 users under 200 kg
20	1.9	1.98

## Manufacturer's periodic examination procedure (For authorized service center or retailer only)

Whole parts of the horizontal lifeline must be controlled in respect of mechanical, chemical and thermal defects.

Webbing – check for cuts, cracks, tears, abrasion and scorch marks, burns or chemical attack.

Stitched End – Look for broken stitch, loose or worn threads.

Metal Parts – Inspect for signs of damage or distortion and that all moving parts and springs are fully operational.

**The result of inspection must be recorded in Inspection Record.**

It is recommendation that the anchor device is marked with the date of the next or last inspection.

Inspection Record - Horizontal Lifeline				
Model	Agent	Serial Number		
Manufacture	Address	Tel, Fax, email, and Web-Site		
Date of manufacture / expiry date	Date of purchase	Date of first use		
Other relevant information				
Periodic Examination and Repair History				
Date	Reason for return (Periodic examination or repair)	Defects noted, repairs carried out and other relevant information	Name and Signature of competent person	Periodic examination next due date

Form 1 - Inspection Record

 **Warning!**

## After use

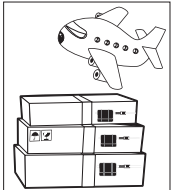
1. The need for regular periodic examinations, and that the safety of users depends upon the continued efficiency and durability of the equipment.
2. When the equipment becomes wet, either from being in use or when due to cleaning, it shall be allowed to dry naturally, and shall be kept away from direct heat.
3. Periodic examination frequency shall be at least every 12 months.
4. Only competent person is conducted for periodic examination and strictly in accordance with the manufacturer's periodic examination procedures.
5. Where deemed necessary, e.g. due to the complexity or innovation of the equipment, or where safety critical knowledge is needed in the dismantling, reassembly, or assessment of the equipment, this action shall only be conducted by the manufacturer or by a person or organisation authorised by the manufacturer.
6. This product is supplied in a complete system, that components of any complete system shall not be substituted.
7. Storage procedures, including all necessary preventative requirements where environmental or other factors could affect the condition of components, e.g. damp environment, sharp edges, vibration, ultraviolet degradation.
8. The anchor devices have been tested to standard EN795 and that, unless otherwise stated, they are appropriate for single person use with an energy absorber to EN 355.
9. This anchor device has been tested against EN795. the minimum strength of this device is 12kN and its must used in vertical direction.

## Maintenance



### A. Cleaning and disinfection:

- 1) Do not use the material with will causing adverse effect to the equipment and strictly follow below instructions.
- 2) The equipment should be pre-cleaned to remove dirt by using professional cleaner, such as mild neutral PH soap or warm water.
- 3) To disinfect the equipment use 70% of ethyl alcohol in cloth or sponge.



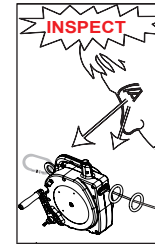
### B. During transportation:

such as express, sea freight, truck, store inside carton box.

### C. Storage:

Store the product in a covered cool area, away from the heat, light, or high humidity environment.

## Before use, please do:



1. To check the legibility of the product markings.
2. Inspect the webbing for cuts, torn webbing, abrasion, burns, heavy soiling, chemical contact or damage. Inspect stitching for loose or torn stitches.
3. Inspect the karabiner distortion, cracks or other damages.
4. Inspect the length adjuster for distortion, cracks or other damages.
5. Read and understand the entire manual before beginning work.

**Important:** If a defect is found with the product during inspection, immediately remove from service and replace with a new or undamaged product.

## Operation Procedure

### Step1. Working Environment

On the hazards that may affect the performance of the equipment and corresponding safety precautions that have to be observed, e.g. temperature, the effect of sharp edges, chemical reagents, electrical conductivity, cutting, abrasion, UV degradation, other climatic conditions.

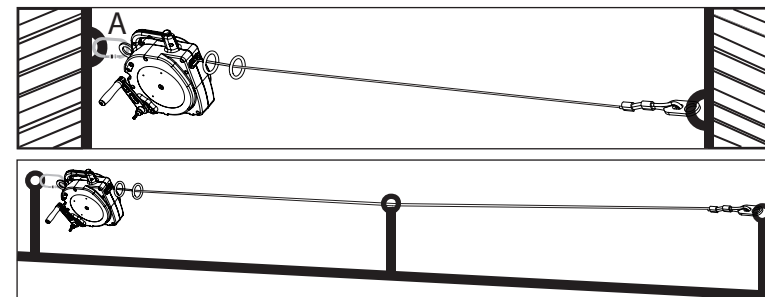
Prior to the installation of the product, a Competent Person must calculate fall clearance and determine that the installation location is capable of supporting intended loads on the two anchorage points. Fully inspect the equipment prior to installation. Ensure the fall indicator is not activated (See diagram below). If the fall indicator pin is bent or damaged, the unit has been exposed to fall forces and should be immediately removed from service.



### Step2. Connecting to Anchorage Point

Anchor device or structural member chosen to serve as the anchor point(s) must conform to EN795 and anchorage location that will avoid free fall and swing fall hazards.

**Structural anchor point:** Secure each end of the horizontal lifeline to the anchors with the Karabiner. Close length adjuster and tension (refer to Step3).



### Step3. Install, Uninstall, Adjusting the Length and the Tension of the Horizontal Lifeline



#### INSTALLATION AND USE:

1. Simultaneously press the release button ② and the safety button ① beneath the release button to disengage the unit's internal teeth.
2. Connect the karabiner at the end of the product's lifeline to the first anchorage connector.
3. Keep the release button and safety button depressed and pull the unit to the second anchorage point. Connect the unit to the second anchorage point with the EN compliant karabiner (Step 2, A). The lifeline should be level across anchorage points.  
\*Pull the latch ④ and the handle ③ out to disengage handle. This will prevent the handle from spinning during installation. Reinsert the pin before next step.
4. Crank the handle until there is no visible sag and proper tension is achieved. Then, continue to turn the handle clockwise until one "click" is heard.
5. Connect the equipment to the provided O-Rings on the HLL (Step 4, diagram). There should only be 1 user connected to an O-Ring.

#### HOW TO UNINSTALL:

Prior to uninstalling the product, the tension on the lifeline must be released. Make sure all fall protection is uninstalled prior to releasing tension.

1. Place hand on release button and safety button. Turn the handle a quarter turn clockwise.

Simultaneously press the release button and the safety button beneath the release button to disengage the unit's internal teeth.

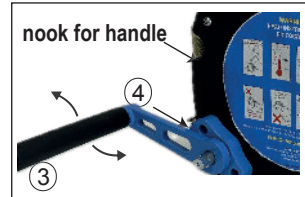
2. Once the tension is released, the lifeline will go slack.

At this time, disconnect the equipment from both anchor points.

3. Crank the handle to retract the lifeline back into the unit.

This can be done manually, or with a power drill.

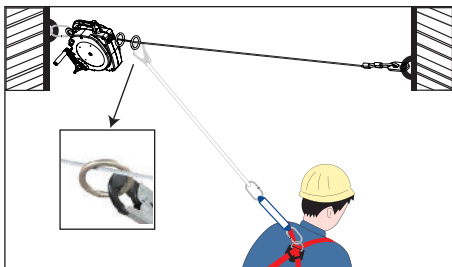
**Note: Do not hammer or allow any impact to the release button of the unit.**



#### HOW TO STOW THE HANDLE:

1. Grab the handle and pull outward to disengage.
2. Swing the handle inwards.
3. Place the handle in the nook of the housing.

### Step4. Connecting Horizontal Lifeline with Fall System Below



- Retractable lifeline EN360
- Safety harness EN361
- Lanyard EN354
- Connector EN362
- Energy Absorber EN355

### During use

1. Horizontal Lifeline must be used by person trained in correct application. The user also has to be in good health condition to work such operation.
2. Do not leave Horizontal Lifeline for long periods in environments where corrosion of metal parts could take place as a result of vapors from organic materials.
3. Second rescue plan shall be in place to deal with any emergencies that could arise during the work.
4. Against making any alterations or additions to the equipment without the manufacturer's prior written consent.
5. This product shall not be used outside its limitations, or for any purpose other than that for which it is intended.
6. Combinations of items of equipment in which the safe function is affected by or interferes with the safe function of another is not allowed
7. It is essential for safety that equipment is withdrawn from use immediately should:
  - 1) any doubt arise about its conditions for safe use or
  - 2) any doubt arise about its functions for safe use or
  - 3) it have been used to arrest to fall and not used again until confirmed in writing by a competent person that it is acceptable to do so.
8. It is essential for safety that the anchor device or anchor point should always be positioned, lower than anchorage point and the work carried out in such a way, as to minimise both the potential for falls and potential fall distance.
9. It is essential for safety to verify the free space required beneath the user at the workplace before each occasion of use, so that, in the case of a fall, there will be no collision with the ground or other obstacle in the fall path.
10. If this product is re-sold outside the original country of destination, the reseller shall provide instructions manual, in the language of the country in which the product is to be used.
11. During installation, the horizontal lifeline must send to authorized agent for repair and withdraw from service if the anchor point is deformed.
12. Do not work under suspended loads.
13. The anchor device shall be for the use of two users maximum only.
14. When the anchor device is used as part of a fall arrest system, the user shall be equipped with a means of limiting the maximum dynamic forces exerted on the user during the arrest of a fall to a maximum of 12kN.
15. The maximum value of deflection of the anchor device and displacement of the anchor point that can occur in service.