

- there are many hazards that may affect the performance of the equipment and corresponding safety precautions that have to be observed during equipment utilization, especially:
 - trailing or looping of lanyards or lifelines over sharp edges,
 - any defects like cutting, abrasion, corrosion,
 - climatic exposure,
 - pendulum falls,
 - extremes of temperature,
 - chemical agents,
 - electrical conductivity.
- personal protective equipment must be transported in the package (e.g.: bag made of moisture-proof textile or foil bag or cases made of steel or plastic) to protect it against damage or moisture.
- the equipment can be cleaned without causing adverse effect on the materials in the manufacture of the equipment. For textile products use mild detergents for delicate fabrics, wash by hand or in a machine and rinse in water. Plastic parts can be cleaned only with water. When the equipment becomes wet, either from being in use or during cleaning, it shall be allowed to dry naturally, and shall be kept away from direct heat. In metallic products some mechanic parts (spring, pin, hinge, etc.) can be regularly slightly lubricated to ensure better operation.
Other maintenance and cleaning procedures should be adhered to detailed instructions stated in the manual of the equipment.
- personal protective equipment should be stored loosely packed, in a well-ventilated place, protected from direct light, ultraviolet degradation, damp environment, sharp edges, extreme temperatures and corrosive or aggressive substances.

IT IS THE RESPONSIBILITY OF THE USER ORGANISATION TO PROVIDE THE IDENTITY CARD AND TO FILL IN THE DETAILS REQUIRED.
THE IDENTITY CARD SHOULD BE FILLED IN BEFORE THE FIRST USE BY A COMPETENT PERSON, RESPONSIBLE IN THE USER ORGANIZATION FOR PROTECTIVE EQUIPMENT.
ANY INFORMATION ABOUT THE EQUIPMENT LIKE PERIODIC INSPECTIONS, REPAIRS, REASONS OF EQUIPMENT'S WITHDRAWN FROM USE SHALL BE NOTED INTO THE IDENTITY CARD BY A COMPETENT PERSON.
THE IDENTITY CARD SHOULD BE STORED DURING A WHOLE PERIOD OF EQUIPMENT UTILIZATION.
DO NOT USE THE EQUIPMENT WITHOUT THE IDENTITY CARD.
ALL RECORDS IN THE IDENTITY CARD CAN BE FILLED IN ONLY BY A COMPETENT PERSON.

IDENTITY CARD

MODEL AND TYPE OF EQUIPMENT					
REF. NUMBER					
SERIAL NUMBER		DATE OF MANUF.			
USER NAME					
DATE OF PURCHASE		DATE OF PUTTING INTO OPERATION			
PERIODIC EXAMINATION AND REPAIR HISTORY					
	DATE	REASON FOR ENTRY PERIODIC EXAMINATION OR REPAIR	DEFECTS NOTED, REPAIRS CARRIED OUT AND OTHER RELEVANT INFORMATIONS	NAME AND SIGNATURE OF COMPETENT PERSON	PERIODIC EXAMINATION NEXT DUE DATE
1					
2					
3					
4					

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Instruction Manual

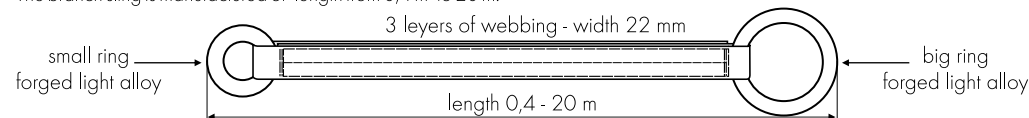
Ref. XPSTU900 xxx (xxx - length)

CE 0082 EN 795:2012 Type B

EC type examination carried out by APAVE SUDEUROPE SAS – CS60193 – 13322 Marseille Cedex 16 – France
APAVE SUDEUROPE SAS is the Notify Body 0082 and is involved in the production control phase.

CONSTRUCTION

Branch sling is made of polyester webbing equipped with one bigger aluminium ring and small aluminium ring.
The branch sling is manufactured of: length from 0,4 m. to 20 m.

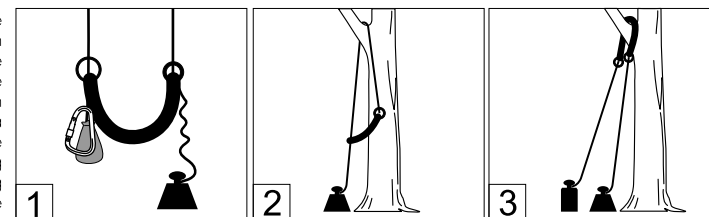


The anchor device should only be used for personal fall protection equipment and not for lifting equipment.
It can be used by only one user.

INSTALLING BRANCH SLING AS CAMBIUM SAVER

The branch sling is a protective webbing sling, used in connection with a climbing line to reduce the friction damage to the tree during climbing.
To install the climbing line, select a branch crotch that is clear and open. Once installed, ensure that both ends of the line are clear from any branches or other obstacles and that they hang freely to the ground.

- Throw the bag, connected to the throwing line, over the selected branch crotch and bring both ends of the line back down to the ground. Thread the throwing bag through the larger ring on the Branch Sling XPSTU900. Connect a karabiner into the small ring on the throwing bag to prevent it from feeding back through the Branch Sling XPSTU900 ring. Pass the other end of the throwing line through the smaller ring on the Branch Sling XPSTU900. By pulling down on the throwing line on the side that runs through the smaller ring, this will move the XPSTU900 up the tree (larger ring leading).
- As it reaches the branch crotch, pull down gently on the line so that the Branch Sling XPSTU900 straddles the branch. Let the throwing bag drop back down to the ground. Remove the throwing bag and fix the end of the throwing line to the climbing line by means of a series of small knots.
- Lift the climbing line up gently by pulling on the other end of the throwing line. It should pass first through the large ring of the Sling XPSTU900.



Maximum lifetime of the device

The maximum lifetime of the device is 8 years from the date of manufacture. The maximum lifetime depends on the intensity of usage and the environment of usage. Using the device in rough environment, marine environment, contact with sharp edges, exposure to extreme temperatures or aggressive substances, etc. can lead to the withdrawal from use even after one use.
The device must be withdrawn from use immediately and destroyed when it has been used to arrest a fall.

MARKING

reference number	FRICION SAVER	Lanex	manufacturer or distributor														
type of the device	Ref. XPSTU900 xxx*																
European standard (number: year/class)	Cambium Saver		maximum tensile strength														
length of the device	EN 795/B:2012		caution: read the manual														
month and year of manufacture	Length: 1,50 m Date of manufacture: 09.2010 Serial number: 14578958	25 kN	CE marking with identity number of the notified body controlling manufacturing of the equipment (the article 11)														
serial number	CE 0082 FOR ONE USER ONLY		inspection plan														
<p>next inspection Don't use the device after this date Attention: Before the first use mark the date of the first inspection (date of first use +12 months, e.g. first use 01.2014 - mark inspection 01.2015)</p>																	
<table border="1"> <tr> <th>INSPECTION PLAN</th> <th>NEXT INSPECTION</th> <th></th> <th></th> <th></th> <th></th> <th></th> </tr> <tr> <td>NO</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>				INSPECTION PLAN	NEXT INSPECTION						NO						
INSPECTION PLAN	NEXT INSPECTION																
NO																	

*) xxx - code of length
for example: xxx=015 - length 1,5 m
xxx=120 - length 12 m
xxx=200 - length 20 m

INSTALLING XPSTU900 AS ANCHOR DEVICE /WEBBING SLING

- 1. Put connecting lanyard around a construction element (structural anchor point) - drawing **A**
- 2. It is allowed to put a connecting lanyard around the construction element few times to shorten the length of a lanyard - drawing **B**
- 3. It is allowed to put a small ring through the big one and tighten on anchor point. Then connect safety lanyard to small ring, - drawing **C**
- 4. Connect a fall arrest device (e.g. retractable type fall arrester, guided type fall arrester etc.) to the lanyard's snap hook - drawing **D**
- 5. It must be taken into consideration that during using connecting lanyard an additional distance "X" appears between structural anchor point to which the lanyard is connected and fall arrest device - drawing **E**

This distance may influence functioning of fall arrest device, its position, and fall arrest distance. All calculations concerning safety of working place, fall arrest distance, free distance below working level must take into account this additional distance. The fall arrest device must be situated above the level of attachment point of a harness to which is connected. It is strictly forbidden to connect fall arrest device that its position is below a level of harness attachment point - drawing **F**

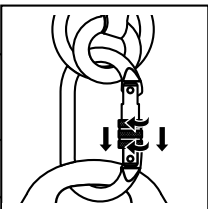
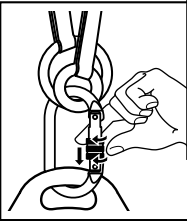
NOTICE:

When the Webbing Sling Connector is used as a part of connecting-absorbing subsystem, the user has to be equipped with an energy absorber which limits maximum dynamic forces exerted on the user during the arrest of fall to a maximum of 6 kN.

Attention:

Use only a certified (EN 362), oval type connectors which are made of bar of minimal diameter 10 mm

Attention!

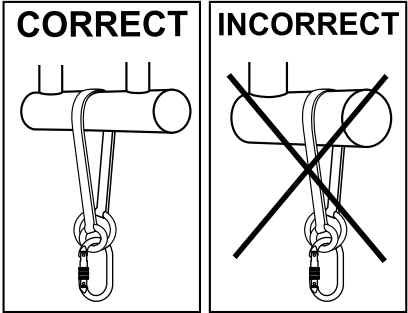
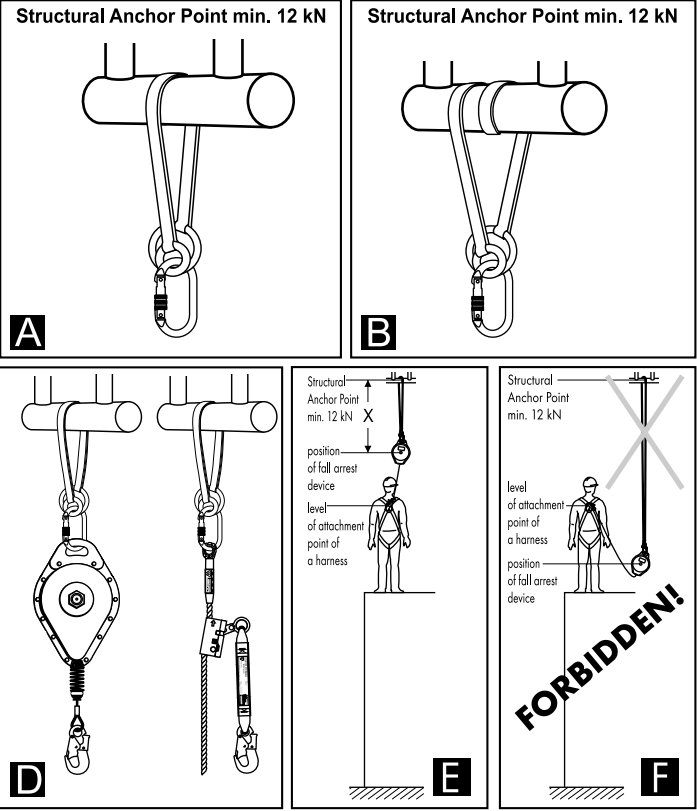


always work with a locked connector protected by tightening up a nut

Using the connecting lanyard in connection with fall arrest system must be compatible with use instructions of the fall arrest systems and obligatory standards:

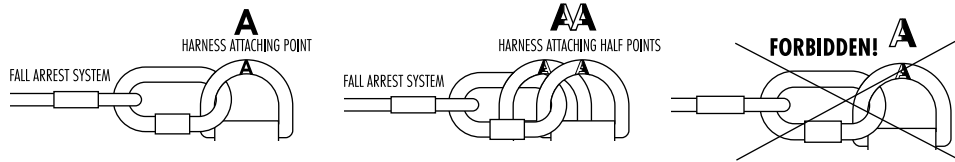
- EN 361 -for safety harness;
- EN 353-2, EN 355, EN 360 -for fall arrest equipment.
- EN 362 -for the connectors.
- EN 795 -for anchorages.

The structural anchor point should be situated above the working place and the shape of the structural anchor point should not let self-acting disconnection of the lanyard.



THE ESSENTIAL PRINCIPLES FOR USERS OF PERSONAL PROTECTIVE EQUIPMENT AGAINST FALLS FROM A HEIGHT

- personal protective equipment shall only be used by a person trained and competent in its safe use.
- personal protective equipment must not be used by a person with medical condition that could affect the safety of the equipment user in normal and emergency use.
- a rescue plan shall be in place to deal with any emergencies that could arise during the work.
- it is forbidden to make any alterations or additions to the equipment without the manufacturer's prior written consent.
- any repair shall only be carried out by equipment manufacturer or his certified representative.
- personal protective equipment shall not be used outside its limitations, or for any purpose other than that for which it is intended.
- personal protective equipment should be a personal issue item.
- before use ensure about the compatibility of items of equipment assembled into a fall arrest system. Periodically check connecting and adjusting of the equipment components to avoid accidental loosening or disconnecting of the components.
- it is forbidden to use combinations of items of equipment in which the safe function of any one item is affected by or interferes with the safe function of another.
- before each use of personal protective equipment it is obligatory to carry out a pre-use check of the equipment, to ensure that it is in a serviceable condition and operates correctly before it is used.
- during pre-use check it is necessary to inspect all elements of the equipment in respect of any damages, excessive wear, corrosion, abrasion, cutting or incorrect acting, especially take into consideration:
 - in full body harnesses and belts - buckles, adjusting elements, attaching points, webbings, seams, loops;
 - in energy absorbers - attaching loops, webbing, seams, casing, connectors;
 - in textile lanyards or lifelines or guidelines - rope, loops, thimbles, connectors, adjusting element, splices;
 - in steel lanyards or lifelines or guidelines - cable, wires, clips, ferrules, loops, thimbles, connectors, adjusting elements;
 - in retractable fall arresters - cable or webbing, retractor and brake proper acting, casing, energy absorber, connector;
 - in guided type fall arresters - body of the fall arrester, sliding function, locking gear acting, rivets and screws, connector, energy absorber;
 - in connectors - main body, rivets, gate, locking gear acting.
- after every 12 months of utilization, personal protective equipment must be withdrawn from use to carry out periodical detailed inspection. The periodic inspection must be carried out by a competent person for periodic inspection. The periodic inspection can be carried out also by the manufacturer or his authorized representative. In case of some types of the complex equipment e.g. some types of retractable fall arresters the annual inspection can be carried out only by the manufacturer or his authorized representative.
- regular periodic inspections are the essential for equipment maintenance and the safety of the users which depends upon the continued efficiency and durability of the equipment.
- during periodic inspection it is necessary to check the legibility of the equipment marking.
- it is essential for the safety of the user that if the product is re-sold outside the original country of destination the reseller shall provide instructions for use, for maintenance, for periodic examination and for repair in language of the country in which the product is to be used.
- personal protective equipment must be withdrawn from use immediately when any doubt arise about its condition for safe use and not used again until confirmed in writing by equipment manufacturer or his representative after carried out the detailed inspection.
- personal protective equipment must be withdrawn from use immediately and destroyed when it have been used to arrest a fall.
- a full body harness (conformed to EN 361) is the only acceptable body holding device that can be used in a fall arrest system.
- in full body harness use only attaching points marked with big letter "A" to attach a fall arrest system. Marking like "A/2" or a half of "A" means the necessity of attaching a fall arrest system to both attaching points together simultaneously. It is strictly forbidden to attach a fall arrest system to the single attaching point marked "A/2" or a half of "A". See drawings below:



- the anchor device or anchor point for the fall arrest system should always be positioned, and the work carried out in such a way, as to minimise both the potential for falls and potential fall distance. The anchor device/point should be placed above the position of the user. The shape and construction of the anchor device/point shall not allowed to self-acting disconnection of the equipment. Minimal static strength of the anchor device/point is 12 kN. It is recommended to use certified and marked structural anchor point complied with EN795.
- it is obligatory to verify the free space required beneath the user at the workplace before each occasion of use the fall arrest system, so that, in the case of a fall, there will be no collision with the ground or other obstacle in the fall path. The required value of the free space should be taken from instruction manual of used equipment.