transPROTON		MANUAL
EN 795/B TS16415/B	Part Number: **POST I**	READ THE MANUAL CAREFULLY BEFORE USING THE EQUIPMENT

CHAPTER 1 - GENERAL INFORMATION

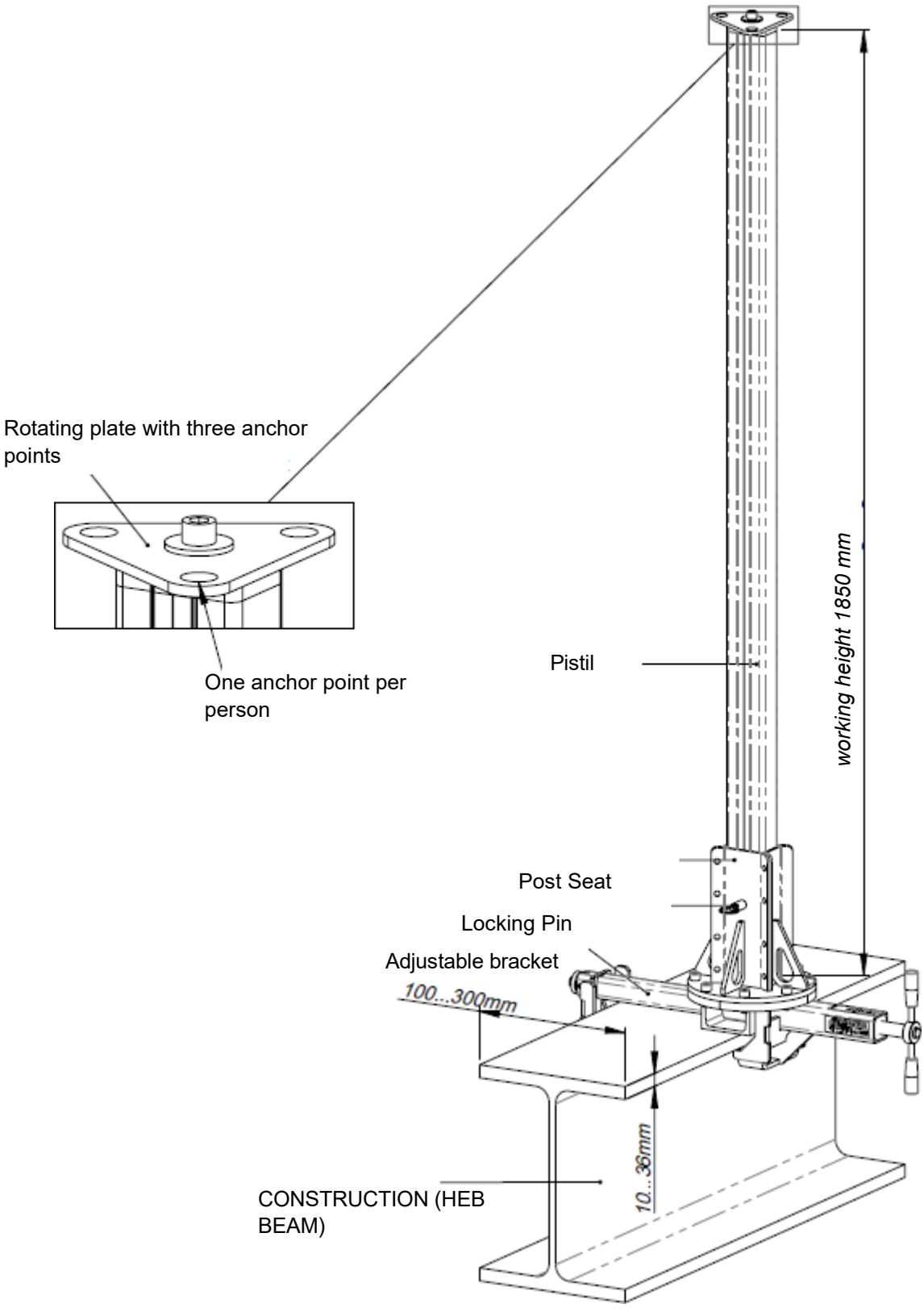
DESCRIPTION

The POST I aluminum anchor post is part of the equipment that stops falling from a height. The device should be used as a component of fall protection equipment. At the top of the anchor post there is a rotating plate with three holes for attaching individual protective equipment.

The device is made of aluminum reinforced alloy and stainless steel. The POST I anchor post can be installed on HEB beams (width from 100 to 300 mm) using an adjustable bracket with an anchor post seat (made of galvanized and powder-coated steel). The anchor post seat provides the ability to change the position of the anchor post in relation to the adjustable bracket. POST I anchor posts can be used as temporary anchor points for the Z-LINE AZP0WX3 horizontal rope assembly.

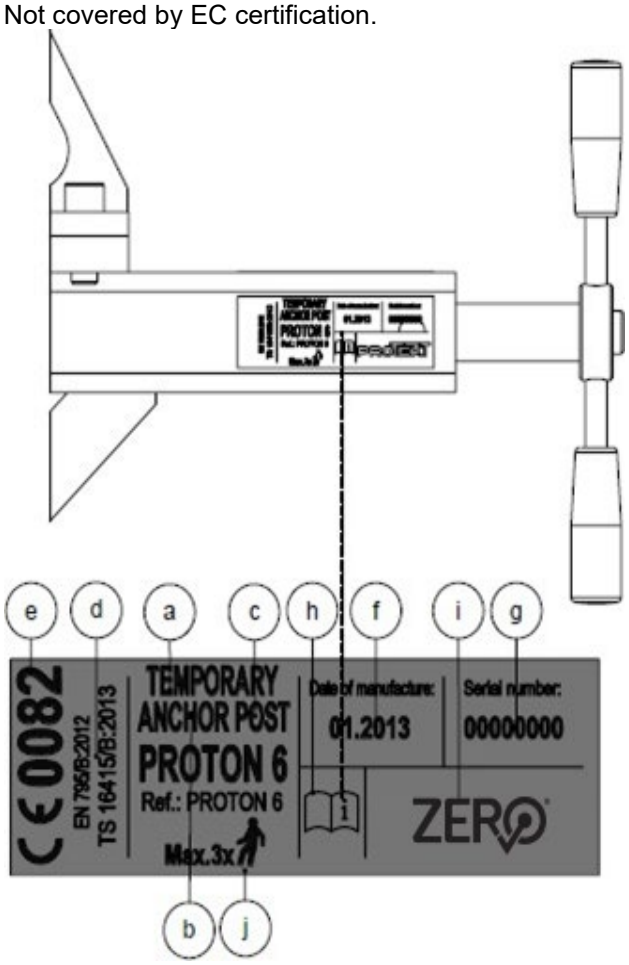
In any case, the device provides protection for up to three people

SPECIFICATIONS	
Max. Number of users	3 persons
Minimum static strength of the post	30 kN
Working height of the post	1.85 m
weight (bar)	approx. 15 kg
Weight (adjustable bracket)	ok, 15.5 kg
weight (post seat)	approx. 8.3 kg

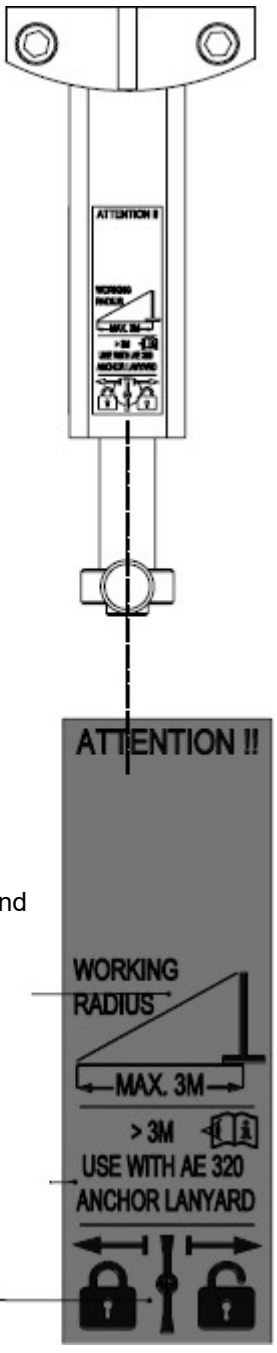

Rotating plate with three anchor points
One anchor point per person
Pistil
working height 1850 mm
Post Seat
Locking Pin
Adjustable bracket
100...300mm
10...36mm
CONSTRUCTION (HEB BEAM)

MARKING/CERTIFICATIONS

CERTIFIED AND COMPLIANT
a) EN 795:2012 Class B
Equipment used as a portable temporary anchor point for one person. EC certified.
b) TS 16415:2013 Type B
Equipment used as a portable temporary anchor point for three people. Compliant with TS 16415/B:2013 standard and document.
Not covered by EC certification.



MARKING DESCRIPTION
a) Type of device (TEMPORARY ANCHOR POST)
b) Model symbol.
c) Part number.
d) Number/year/class of the European standard.
e) CE marking and number of the notified body supervising the manufacture of the equipment.
f) Month and year of manufacture (Date of manufacture)
g) Tripod Serial Number (Serial Number)
h) Note: Refer to the manual.
i) Designation of the manufacturer or distributor of the tripod.
j) The maximum number of users allowed to use the device at the same time.



A single post can be used in an area with a working diameter of 3 meters around the post (*WORKING RANGE)*

For applications with a reach of more than 3 metres, use two POST I anchor posts with Z-LINE AZP0WX3 horizontal rope
(*USE WITH Z-LINE AZP0WX3 HORIZONTAL ROPE*)

Lock/unlock instructions

Month and year of the next factory periodic inspection.

Do not use after this period.

Note: Before the first use, mark the date of the next periodic check (date of first use + 12 months, e.g. first release of the device 01.2013 — mark the date 01.2014).

The "Next Inspection" label is placed near the marking.

Notified body that issued the

EC type certificate and supervises the production: APAVE SUDEUROPE SAS, CS60193, 13322 Marseille, France.

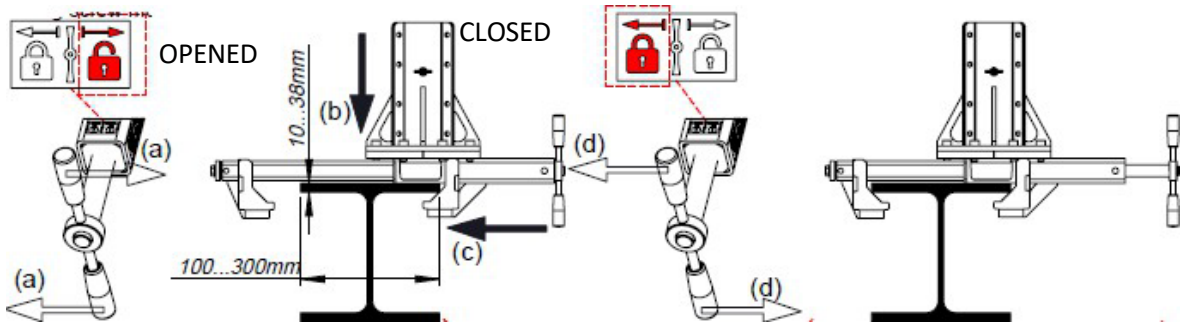
CHAPTER 2 - MOUNTING THE DEVICE

SINGLE POST INSTALLATION

1. The HEB beam to which the POST I post will be attached must be placed on a stable structure and must have a minimum static strength of 12 kN (for one person) and + 1 kN for each additional person (e.g. 3 people = 14 kN).

WARNING: It is strictly forbidden to place the appliance on vertical or inclined beams. Before use, a qualified professional should check and approve the fastening stability and strength of the beam.

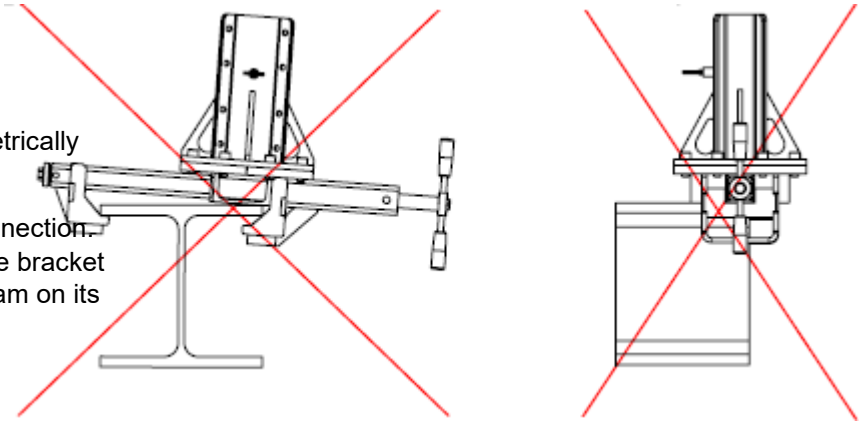
2. Open the jaws of the adjustable bracket using the screw mechanism (a). Place the adjustable bracket with the post seat on the beam (b). Press the jaw near the screw mechanism against the edge of the beam (c). Close the jaws of the adjustable bracket using the screw mechanism (d).



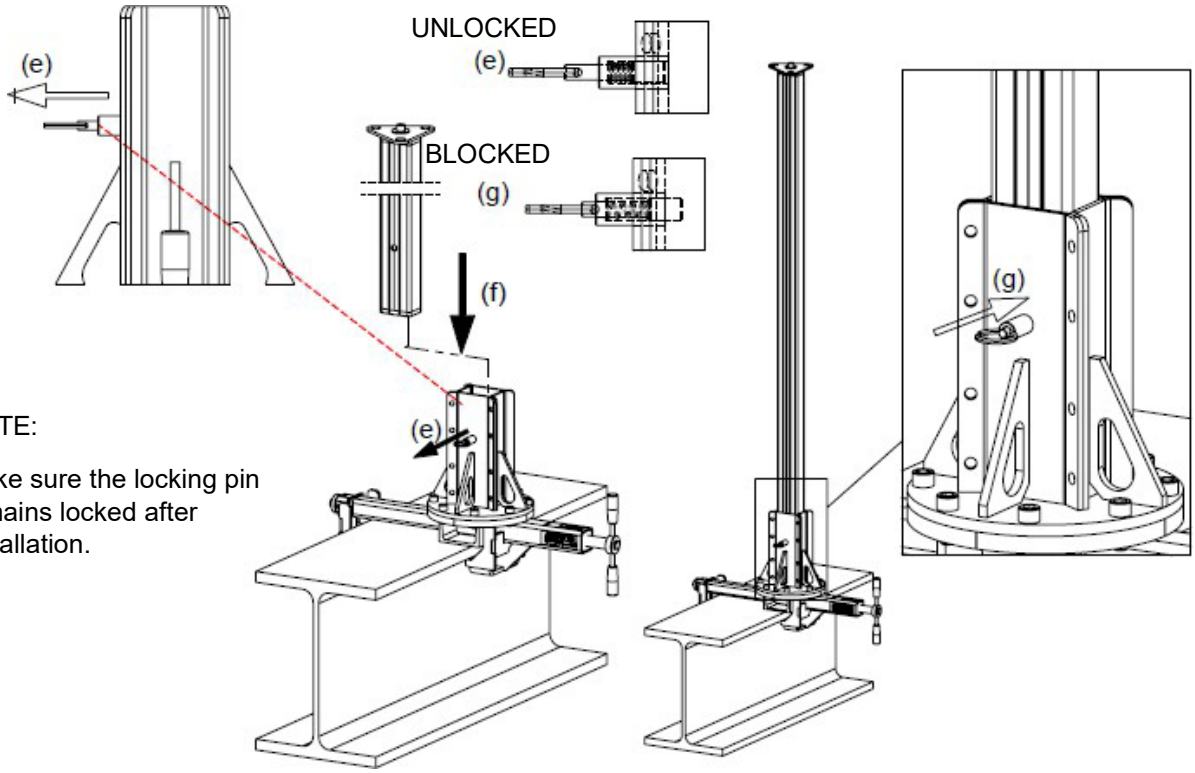
NOTE:

The jaws must clamp symmetrically on the beam.

Check the stability of the connection. Make sure that the adjustable bracket does not detach from the beam on its own.



3. Unlock and hold the locking pin(s) of the post seat. Place the post in the slot (f). Make sure that the locking pin prevents the post (g) from extending.



NOTE:

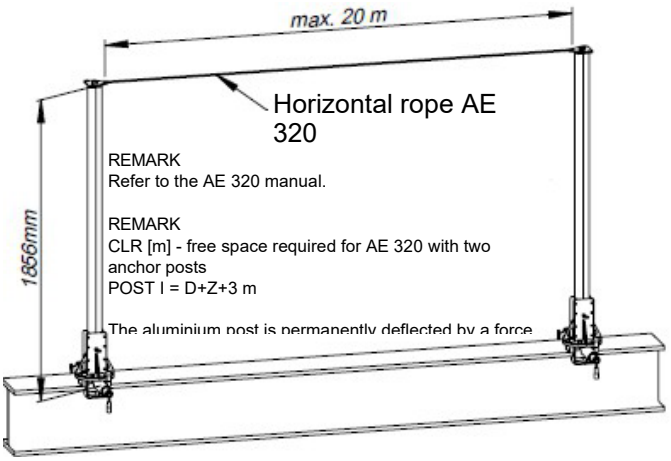
Make sure the locking pin remains locked after installation.

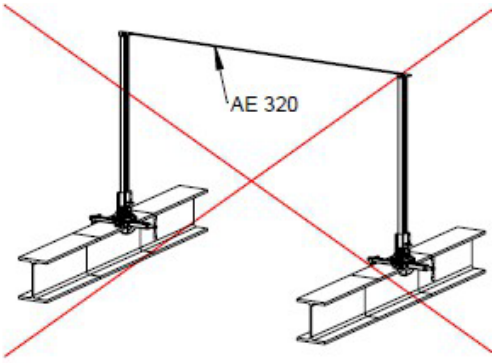
INSTALLATION WITH HORIZONTAL ROPE Z-LINE AZP0WX3

1. Install two single POST I posts on one HEB beam according to the instructions "Single Post Installation" on page 3.

2. Install and tension the Z-LINE AZP0WX3 worktape between the two POST I post anchor points according to the Z-LINE AZP0WX3 device manual.

The 20-metre Z-LINE AZP0WX3 can be used with two POST I anchor posts.





NOTE:

The POST I anchor posts must be installed on the same HEB beam.

Do not install two anchor posts with Z-LINE AZP0WX3 on two different HEB beams

CHAPTER 3
PERSONAL PROTECTION ACCORDING TO EN 795/B AND TS 16415/B
SINGLE POST

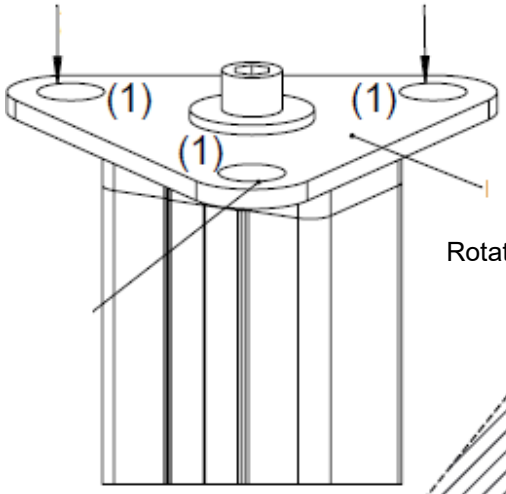
In accordance with EN 795/B and TS 16415/B, the POST I anchor post can be used as a temporary anchoring device.
The POST I bollard provides simultaneous protection of max. three people.

There are three holes (1) on the rotating plate of the POST I post for attaching individual protective equipment.

ANCHOR POINTS FOR PERSONAL PROTECTION

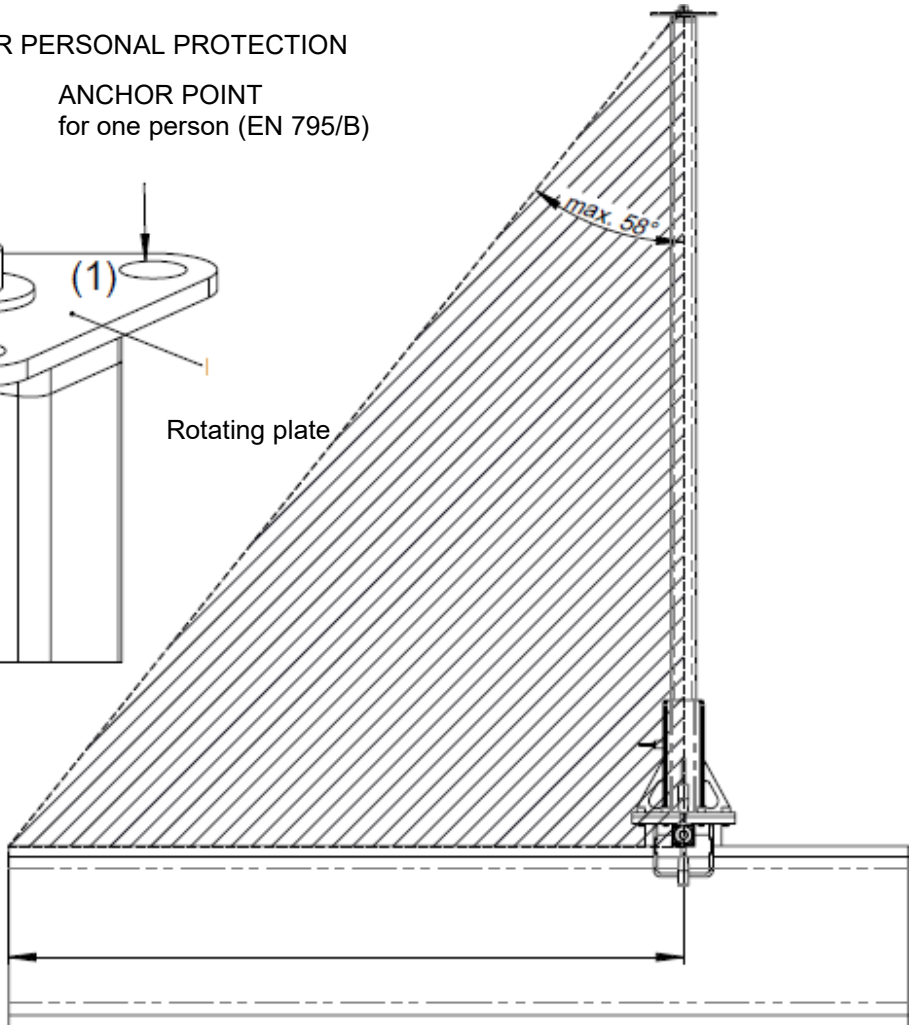
ANCHOR POINT
for one person (EN 795/B)

ANCHOR POINT
for one person (EN 795/B)



Rotating plate

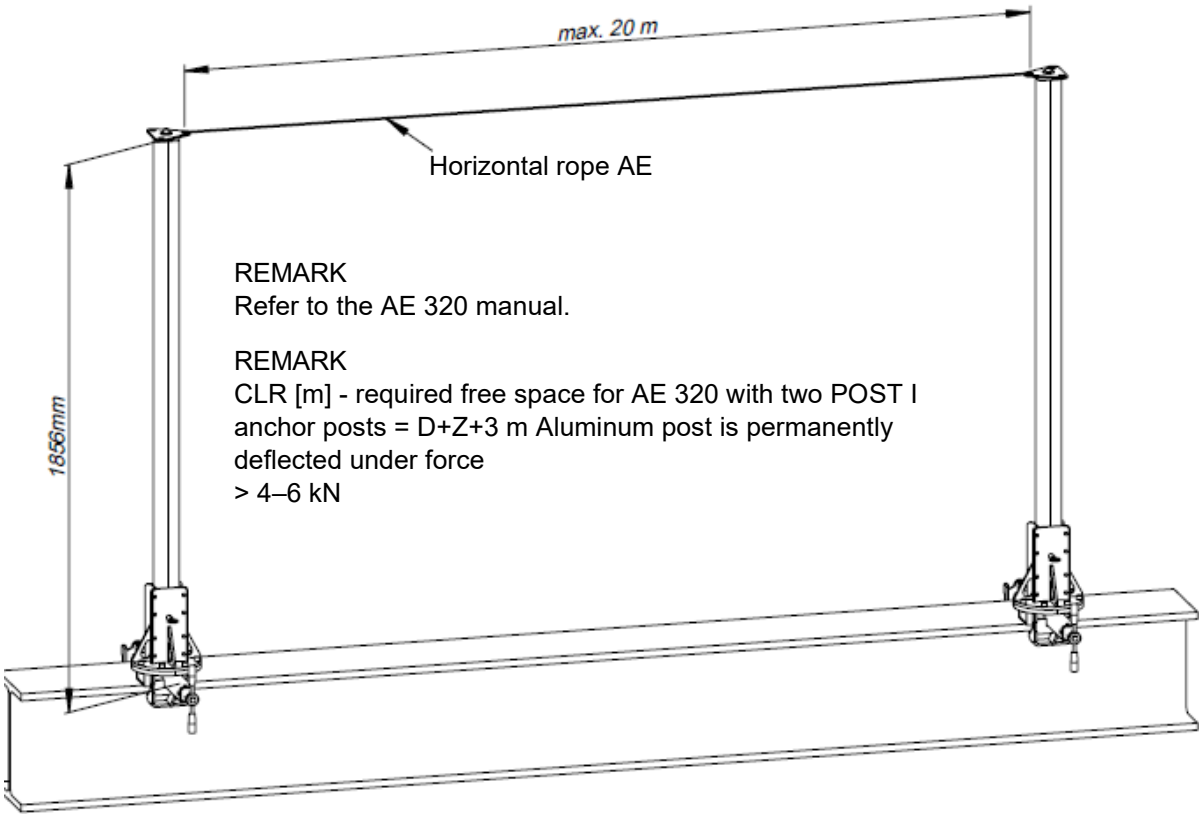
ANCHOR POINT
for one person
(EN 795/B)



OPERATING RANGE
MAX. 3 METERS AROUND THE POST

CHAPTER 4
PERSONAL PROTECTION ACCORDING TO EN 795/B AND TS 16415/B
HORIZONTAL ROPE Z-LINE AZP0WX3

The two POST I anchor posts can be used as anchor points for connecting the Z-LINE AZP0WX3 horizontal rope.
According to EN 795/B and TS 16415/B, the POST I installation consisting of two POST I anchor posts with the Z-LINE AZP0WX3 horizontal rope suspended between them can be used as a temporary anchoring device.
The two POST I posts with Z-LINE AZP0WX3 horizontal rope provide simultaneous protection for up to three people.
NOTE: Only one POST I post anchor point (described in Section 3) may be used to install the Z-LINE AZP0WX3. When using the Z-LINE AZP0WX3, do not connect other devices to the anchor points of the POST I post.



GENERAL PRECAUTIONS

• AVOID working in situations where the user may sway and consequently collide with an object, or where ropes may cross or become entangled with others that are being used by another user nearby.
• Fall containment and evacuation systems used with this device MUST COMPLY with the applicable European standards (EN 795 — Anchoring devices; EN 362 - Fasteners; EN 361 — Safety harnesses; EN 360; EN 1496 — Self-Locking Devices;
EN 1497 — Rescue and Escape Harnesses; EN 341 — Evacuation devices).
• The value of the maximum fall arrest force (MAF) to which a user of a fall arrest system (FAS) who uses a safety harness during fall arrest is exposed under EU legislation is limited to 6 kN. The system used to protect the user from falling from a height shall include fall arrest equipment that limits the maximum fall arrest force acting on the user during fall arrest to a maximum of 1000 years. 6 kN (e.g. safety shock absorber with cable or self-locking devices).
• Make sure that the appliance is installed correctly and stably. The beam and structure must be able to support the load.

BASIC RULES FOR THE USE OF PERSONAL PROTECTIVE EQUIPMENT

• Personal protective equipment may only be used by persons who are trained and competent in terms of safety.
• The equipment must not be used by persons whose health condition could pose an additional threat to their own safety during normal use and rescue operations.
• A rescue plan should be developed for each workstation, taking into account potential hazards.
• It is prohibited to make any structural changes to the equipment without the prior written consent of the manufacturer.
• Any repairs may only be carried out by the manufacturer of the equipment or a person authorised by it.
• Personal protective equipment may not be used outside of restrictions in its operation or for purposes other than those required by its intended use.
• The user should pay attention to the condition of the personal protective equipment.
• Before use, make sure that the equipment fitted to the fall arrest system is compatible. Periodically check the connection and adjustment of equipment parts to avoid accidentally loosening or disconnecting.
• It is prohibited to use combinations of equipment components where the safety function of one of them interferes with or overlaps with the safety function of the other component.
• If the device is being marketed or used in a country other than originally intended, the introducer must provide instructions for use, maintenance, periodic inspection and repair in the language of the country in which the product will be used.
• Safety harnesses (EN 361 compliant) are the only permissible support device that can be used in conjunction with a fall arrest system.
• In the case of safety harnesses, only use the attachment points marked with a capital letter "A" to connect the fall arrest system.
• It is mandatory to check the required free space under the user in the workplace before each use of the fall arrest system so that in the event of a fall, the user does not collide with the ground or any other obstacle on the fall path. The amount of free space required should be calculated based on the owner's manual of the equipment used.
• There are many risks that can affect the operation of the equipment. Appropriate precautions should be taken during its use, in particular in the event of: - contact of the cable of the device with sharp-edged elements, - all kinds of damage, such as cuts, abrasions, corrosion, - exposure to weather conditions, - occurrence of the "pendulum effect" when the user falls, - occurrence of temperatures exceeding the permissible range of use of the device, - presence of aggressive chemical agents, - contact with live electrical wires.

OVERVIEW

Before each use of personal protective equipment, it is mandatory to carry out an initial check of the equipment for its proper functioning to ensure that its condition allows safe use.
When performing an initial inspection of equipment, it is essential to examine all its components for damage, excessive wear, corrosion, abrasion, cuts or malfunction, in particular:
• in the case of full harnesses and seat belts - buckles, adjustment elements, attachment points, straps, seams, loops;
• in the case of safety shock absorbers - hook loops, tapes, seams, housing, latches;
• in the case of textile ropes, safety ropes or chain ropes - rope, loops, hooks, latches, hooks, weaves;
• in the case of wire ropes, safety ropes or chain ropes - rope, wires, clamps, stubs, loops, snaps, latches, adjustment elements;
• in the case of retractable self-locking devices - rope or tape, correct operation of the unwinding mechanism and brake, housing, safety shock absorbers, latch;
• for self-locking devices with guides - self-locking device body, sliding mechanism operation, locking mechanism operation, rivets and bolts, latch, safety shock absorber;
• For latches - main body, rivets, locking device, locking mechanism operation.
• For tripods, legs, safety pins, eyebolts, feet, chain, fasteners.

PERIODIC REVIEW

Whenever after 12 months of use, the personal protective equipment must be withdrawn from service for periodic inspection. The periodic inspection should be carried out by a qualified person. The periodic inspection may be carried out by both the manufacturer and an entity authorised by the manufacturer. For certain types of equipment with a complex design, e.g. certain types of self-locking devices, annual tests may only be carried out by the manufacturer or an entity designated by the manufacturer.
During the inspection, the permissible service life of the device will be determined until the next tests are carried out by the manufacturer.
The results of the inspection should be included in the Usage Card.
Regular periodic inspections have a significant impact on keeping the equipment in proper condition, as well as the safety of its users, depending on the uninterrupted operating performance and durability of the equipment.
When carrying out a periodic inspection, it is essential to check the legibility of the markings placed on the equipment.

PERMISSIBLE SERVICE LIFE

The safety tripod can be used for a period of 5 years from the date the tripod is put into operation. After this period, the tripod should be subjected to a detailed factory inspection.
Factory inspection can be performed by:
• device manufacturer
• Authorised by the manufacturer
• company appointed by the manufacturer.
During the inspection, the permissible service life of the tripod will be determined until the next tests are carried out by the manufacturer. An appropriate annotation should be placed in the Usage Card.

DECOMMISSIONING

Personal protective equipment must be withdrawn from service immediately after any doubt arises as to its condition in terms of safe use and must not be reused until the manufacturer or an authorized entity has confirmed in writing that the equipment has been thoroughly tested.

DECOMMISSIONING AFTER STOPPING A FALL

After use to stop the fall, the device must be taken out of service immediately. The tripod must then be subjected to a detailed factory inspection.
Factory inspection can be performed by:
• device manufacturer
• Authorised by the manufacturer
• company appointed by the manufacturer.
During the inspection, the tripod will be determined to be able to continue to be used and the permissible service life of the tripod will be determined until the manufacturer performs the next tests. An appropriate annotation should be placed in the Usage Card.

TRANSPORT

Carry your personal protective equipment in a covered container (e.g. moisture-resistant textile bag, plastic bag, steel or plastic boxes) to protect it from damage or moisture.

MAINTENANCE AND STORAGE

Equipment can be cleaned without causing a negative impact on the materials used in the manufacture of the equipment. For textile products, use mild cleaning agents designed for delicate fabrics; clean them by hand or machine and rinse with water. Parts made of plastic can only be cleaned with water. If the equipment gets wet during operation or cleaning, allow it to dry naturally and protect it from direct proximity to heat sources. For products made of metals, some parts (spring, pin, hinge, etc.) can be lubricated regularly with a small amount of lubricant to ensure better performance. For other maintenance and cleaning procedures, follow the detailed instructions specified in the operating instructions of the equipment you are using.

Store personal protective equipment loosely packed in an airy place that provides protection from direct sunlight, ultraviolet radiation, moisture, sharp edges, extreme temperatures, and corrosive or highly potent agents.

COMMENTS

USAGE CARD	
THE USER IS REQUIRED TO PROVIDE AN IDENTIFICATION CARD AND FILL IN THE REQUIRED DETAILS. THE IDENTIFICATION CARD SHOULD BE FILLED OUT ONLY BY A PERSON WHO IS EXPERT IN THE FIELD OF SECURITY EQUIPMENT. THE IDENTIFICATION CARD MUST BE COMPLETED BEFORE THE EQUIPMENT IS USED FOR THE FIRST TIME. ALL INFORMATION REGARDING THE EQUIPMENT SHOULD BE TAKEN INTO ACCOUNT, SUCH AS: PERIODIC TESTS, REPAIRS, REASONS FOR THE EQUIPMENT BEING TAKEN OUT OF USE. THE USAGE CARD SHOULD BE KEPT FOR THE ENTIRE LIFETIME OF THE EQUIPMENT. DO NOT USE THE EQUIPMENT WITHOUT A CURRENT USAGE CARD.	
MODEL AND TYPE OF EQUIPMENT	
CAT. NO.	
SERIAL NUMBER	
PRODUCTION DATE	
DATE OF PURCHASE	
DATE OF FIRST RELEASE FOR USE	
USERNAME (NAME)	

REGISTER OF PERIODIC INSPECTIONS, MAINTENANCE AND REPAIRS					
	DATE	REASON FOR SERVICING / REPAIRS	REPAIRS CARRIED OUT	PERSON'S NAME AND SIGNATURE RESPONSIBLE	NEXT DATE REVIEW
1					
2					
3					
4					
5					
6					
7					

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