

equipment. For textile materials (webbing, ropes) use agents suitable for delicate fabrics. Can be washed in hands or in a washing machine. Rinse thoroughly. Clean energy absorbers using damp cloth only. Do not immerse energy absorber in water. Wash textile products with water only. When the equipment becomes wet, either from being in use or after cleaning, allow it to dry naturally, and keep it away from sources of heat. In metallic products lubricate slightly some mechanical parts (springs, hinges, pawls, etc.) regularly to ensure their better operation.

- personal fall protection equipment should be stored loosely packed in well-ventilated rooms, protected from direct light, UV degradation, dust, sharp edges, extreme temperatures and aggressive chemical substances.
- all parts of a fall protection equipment must conform to instruction manuals for the equipment and standards in force: EN 353-1, EN 353-2, EN 354, EN 355, EN 360 - for fall arrest systems; EN 362 - for connectors; EN341, EN1496, EN1497, EN1498 - for rescue devices; EN 361 - for full body harnesses; EN 813 - for sit harnesses; EN 358 – for work positioning systems; EN 795 - for anchor devices.

Manufacturer:  
 PROTEKT - Starorudzka 9 - 93-403 Lodz - Poland  
 tel. +4842 6802083 - fax. +4842 6802093 - www.protekt.com.pl  
 Notified body responsible for EU type test certification in accordance with Regulation 2016/425:  
 PRS - No.1463, Polski Rejestr Statków S.A. al. gen. Józefa Hallera 126 80-416 Gdańsk, Poland  
 Notified body responsible for supervision of manufacturing of the equipment:  
 APAVE SUDEUROPE SAS (no 0082) - CS 60193 - F13322 MARSEILLE CEDEX 16 - FRANCE  
 Declaration of conformity is available at www.protekt.pl.

### IDENTITY CARD

It is responsibility of the user organisation to provide the Identity Card and to fill in the required details. Identity Card should be filled in before first use of the equipment by a competent person responsible in an organisation for personal fall protection equipment. Information regarding periodic inspections, repairs and reasons for withdrawal of the equipment from use are filled in by a competent person responsible in an organisation for personal fall protection equipment. Identity Card should be stored in a safe place throughout the whole period of use of the equipment. It is forbidden to use personal fall protection equipment if the Identity Card is not filled in.

DEVICE MODEL AND TYPE			
SERIAL NUMBER	DATE OF PURCHASE		
REFERENCE NUMBER	DATE OF FIRST USE		
DATE OF MANUFACTURE	USER NAME		

#### PERIODIC AND MAINTENANCE INSPECTIONS

DATE OF INSPECTION	REASONS FOR INSPECTION/REPAIR	NOTICED DAMAGES, COMPLETED REPAIRS	FULL NAME AND SIGNATURE OF RESPONSIBLE PERSON	DATE OF NEXT INSPECTION

**A**

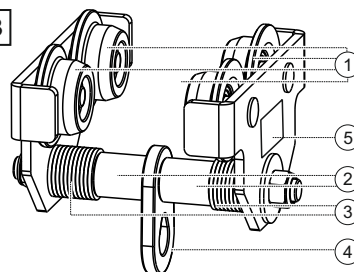


# PROTEKT®

CE 0082 EN 795:2012 / B

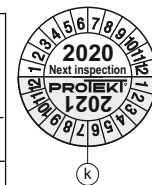
ENG ANCHOR TROLLEY ST010  
 Ref. no. AT 100

**B**

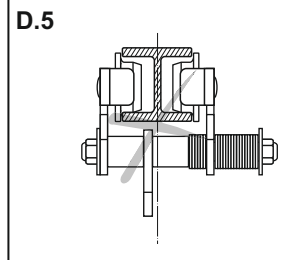
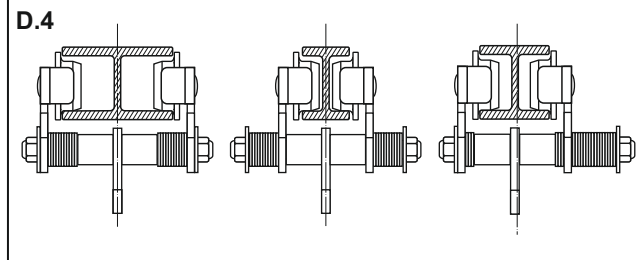
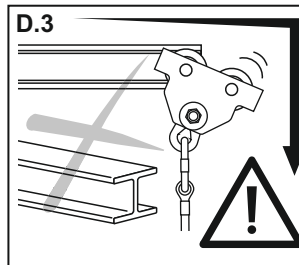
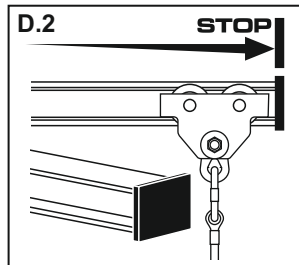
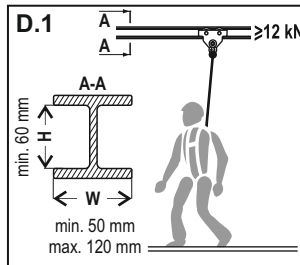


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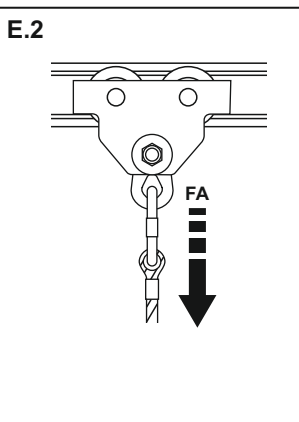
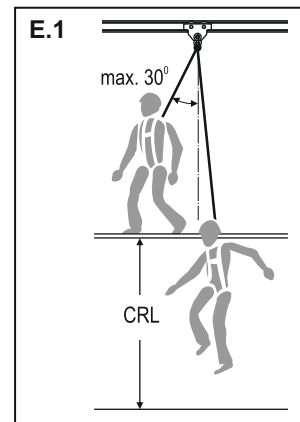
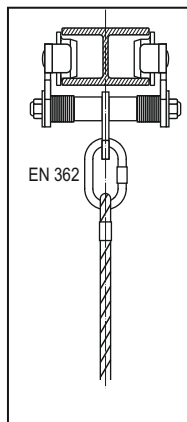
a	Anchor trolley		2020 Next inspection
b	ST 010		
c	Ref. no. AT 100		PROTEKT 1202
d	Date of manufacture:	Serial number:	
e	MM/RRRR	→XXXXXXXX	PROTEKT®
f	CE 0082		
g			1x
h	EN 795:2012 / B		
i			k
l			



**D**



**E**



EN - NOTE: Before use of this device please read and understand this instruction manual.

#### A. DESCRIPTION

Anchor trolley ST010 is a component of individual fall protection equipment. Anchor trolley ST010 is a portable anchor device type B compliant with EN795. The trolley runs (travels) along a horizontal T-section beam (rail) on which it is installed. The rail must be fixed to a permanent structure. Anchor trolley ST010 is made of steel. The trolley provides protection for one person only. Anchor trolley ST010 is a personal fall protection device and cannot be used for lifting loads.

#### B. DESCRIPTION OF PARTS

1. Running rollers.
2. Long spacer rings
3. Short spacer rings
4. Hook with latch
5. Identity label

#### C. MARKING

- a) device type
- b) model
- c) reference number
- d) serial number
- e) month/year of manufacture of line
- f) CE mark and number of the notified body controlling manufacturing of the equipment
- g) attention: read the manual before use
- h) number: year of European standard / device type
- i) device for protection of one person
- j) marking of manufacturer
- k) label for marking of date of next periodic inspection of device

#### D. INSTALLATION OF TROLLEY

- Anchor trolley ST010 can be installed on a T-section beam of 50 mm to 120 mm in width and minimum 60 mm in height.

A beam, on which anchor trolley is to be installed, must be attached to a permanent structure and have a minimum static strength of min. 12 kN.

A beam must be fixed in the horizontal, above the user - D.1.

- Do not use this anchor device on vertical or skew beams.

- On beam ends mount special stops preventing derailing of the trolley from the anchor rail - D.2. Do not use the anchor on rails without ends protected - D.3.

- Shape and construction of a beam must prevent self-detachment of the trolley. Durability of the fixing and strength of the beam must be checked and confirmed by a qualified technician.

- When mounting the anchor trolley on a beam, adjust the trolley rollers spacing to dimension "W" of the beam with spacer rings. Hook with latch on the trolley must be positioned in the centre of the trolley, midway between side walls - D.4. Do not use the trolley, the hook of which is not positioned symmetrically between walls of the device - D.5.

- Make sure that the anchor is fixed on the beam and it is not possible for it to get self-detached. Carefully tighten side nuts and make sure that they are secured against accidental unscrewing. If a nut is fitted with a lock pin, make sure it is installed.

#### E. CONNECTION OF FALL PROTECTION EQUIPMENT

- If anchor trolley is a part of a system arresting a user's fall, it must be equipped with an element reducing braking force acting on the user to maximum 6 kN.

- When mounting fall protection equipment on the anchor trolley use certified connectors compliant with EN 362 - E.1.

- Each time before use, make sure that anchor trolley is installed so below the user's feet a required free space (CLR) is kept, necessary for a safe fall arrest so the user would not hit on the ground or any obstacles on the way while falling - E.2. The amount of the required free space must match the required value given in instruction manual for the used fall arrest device.

- When in operation reduce clearance occurring in the protective equipment to reduce a free fall distance to a minimum.

- To avoid a pendulum effect when arresting a fall, take notice that deflection of the lanyard of a fall arrest device from the vertical axis of the trolley is no more than 30° - E.2.

- Maximum load that can be transferred by the anchor trolley on a structure when in operation, is 12 kN. The load follows the direction FA - E.3.

#### G. PERIODIC INSPECTIONS

The device should be subject to a periodic inspection after at least each 12 months of usage, starting from date of the first use.

Periodic inspection can be carried out only by a competent person with adequate knowledge and trained in periodic inspection of personal fall protection equipment.

Conditions of the device use may influence the frequency of periodic inspections which may be carried out more frequently than after 12 months of usage. All periodic inspections must be recorded in the identity card for the device. It is recommended to mark the device with next periodic inspection date, e.g. by using special label (k).

#### H. MAXIMUM TIME OF USAGE

Maximum time of usage of anchor trolley ST010 is unlimited.

NOTE: Maximum time of usage depends on intensity and environment of use. If the device is used in heavy conditions, being exposed to frequent contact with water, sharp edges, extreme of temperatures or exposed to corrosive substances, it may be necessary to withdraw the device after only one use.

#### I. WITHDRAWAL FROM USE

The device must be withdrawn from use immediately and destroyed (to prevent it from being used accidentally) if it has been used to arrest a fall, failed a periodic inspection or there are any doubts concerning its function.

#### J. ESSENTIAL PRINCIPLES FOR USE OF PERSONAL FALL PROTECTION EQUIPMENT

- personal fall protection equipment should be used only by personnel trained in its use.

- personal fall protection 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.

- prepare a rescue plan to be implemented during operation whenever necessary.

- being suspended in personal fall protection equipment (e.g. after arresting a fall) please note symptoms of suspension trauma

- to avoid negative effects of suspension make sure a corresponding rescue action plan is prepared. It is recommended to use support tapes.

- it is forbidden to make any alterations or additions to the equipment without prior written consent given by the manufacturer.

- any repair shall only be carried out by manufacturer of the equipment or his certified representative.

- personal fall protection equipment shall not be used for any purpose other than intended.

- personal fall protection equipment provides individual protection and shall be used by one person only.

- before each use make sure that all parts of fall protection system cooperate correctly.

Periodically examine connections and fitting of components of the equipment to prevent any accidental loosening or disconnection.

- it is forbidden to use a combination of equipment where function of any one item is affected by, or interferes with the function of any other.

- before each use of personal fall protection equipment carry out a detailed inspection to ensure that the device is operable and operates correctly.

- in particular, before use inspect all accessible elements of the equipment for any damages, excessive wear, corrosion, abrasion, cutting or improper function. For individual devices pay particular attention to:

- in full body harness, sit harnesses and work positioning devices: buckles, regulating elements, attachment points (buckles), webbing, seams, belt loops;

- in energy absorbers: attachment loops, webbing, seams, housing, connectors;

- in lanyards and textile guides: rope, loops, thimbles, connectors, regulating parts, splices;

- in lanyards and steel guides: rope, wires, clamps, loops, thimbles, connectors, regulating parts;

- in retractable type fall arresters: lanyard or webbing, retractor and locking mechanism for proper operation, housing, energy absorber, connectors;

- in guided type fall arresters: body, proper guiding, locking mechanism for proper operation, rollers, bolts and rivets, connectors, energy absorber;

- in metal parts (connectors, hooks, snap hooks): load-bearing body, rivets, main pawl, function of locking gear.

- at least once a year, after every 12 months of use, personal fall protection equipment must be withdrawn from use to carry out periodic detailed inspection. Periodic inspection can be carried out by a properly qualified and skilled person. Also periodic inspection can be carried by manufacturer of the equipment or his authorized representative.

- in some cases, if the fall protection equipment has a complex design (e.g. fall arresters), periodic inspections may be carried out by the equipment manufacturer, or his authorized representative only. After the periodic inspection, date of the next inspection should be marked.

- regular periodic inspections are essential in respect of the equipment condition and safety of users which is dependent on the equipment functionality and durability.

- during periodic inspection it is necessary to check the legibility of all the equipment markings (identity label of the device). Do not use the equipment if marking is illegible.

- it is essential for the user's safety that the product is re-sold outside the original country of destination the reseller must provide instructions for use, for maintenance, for periodic inspection and for repair in language of the country where the product is to be used.

- personal fall protection equipment must be withdrawn from use and discarded immediately (or other procedures based on instruction manual should be applied) if it has been used to arrest a fall.

- full body harness compliant with EN 361 is the only device supporting user's body in fall arrest systems.

- fall arrest system can be connected to attachment points (buckles, loops) on full body harness marked with capital letter "A"

- anchor point (device) of the fall protection equipment should have a stable structure and position so as to prevent a possibility of the load fall and minimize a free fall distance. Anchor point of the equipment should be located above the user's work station. The shape and construction of the anchor point shall not allow for a self-acting disconnection of the equipment. Minimal strength of the equipment anchor point should be 12kN. It is recommended to use certified and marked anchor points of the equipment compliant with EN 795.

- it is obligatory to verify the free space required under the user at workplace before each occasion of using the fall protection system, so that, in case of a fall, there is no collision with the ground or other obstacle in the fall path.

The required free space should be determined on basis of the data given in the instruction manual of the equipment to be used.

- when using the equipment, inspect it on a regular basis, paying special attention to risks and damages affecting operation of the equipment and the user's safety, and in particular to kinks and rope movement on sharp edges, oscillatory falls, electrical conductivity, any damages such as cuts, abrasions, corrosion, influence of extreme temperatures, negative influence of environmental factors, chemical substances.

- personal fall protection equipment must be transported in a 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.

- personal fall protection equipment should be cleaned without causing adverse effect on the materials used in the production of the