

# AXESS QR

EN Adjustable work harnesses.

CE  
0333

**MADE IN EUROPE**  
**EN 361:2002**  
**EN 358:2018**  
**EN 813:2008**

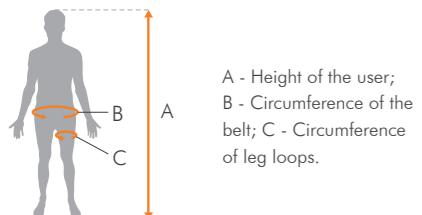
Regulation (EU) 2016/425  
Personal Protective Equipment against falls from a height.



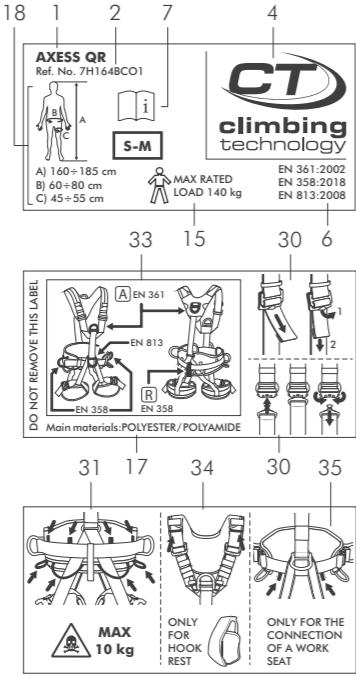
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## 1 SIZE CHART

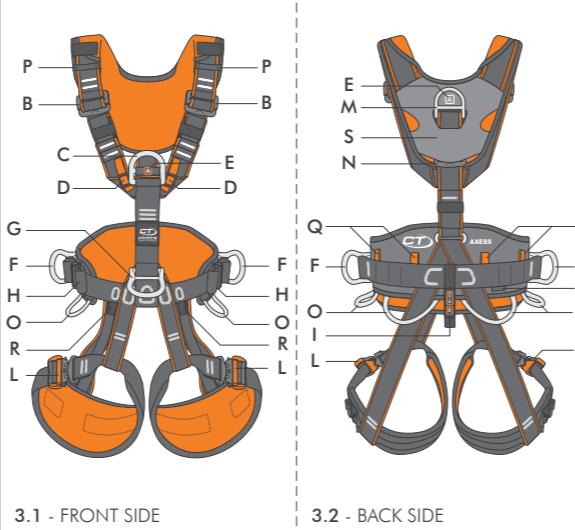
REF. No.	7H164BCO1	7H164CDO1	7H164DEO1
SIZE	S-M	M-L	L-XL
A (cm)	160÷185	170÷190	180÷205
B (cm)	60÷80	70÷100	80÷120
C (cm)	45÷55	50÷60	55÷70
MAX RATED LOAD	140 kg		



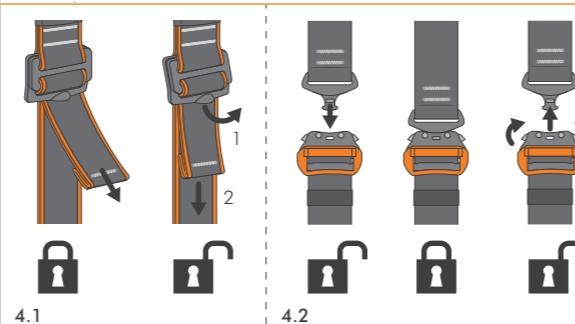
## 2 LABEL MARKING



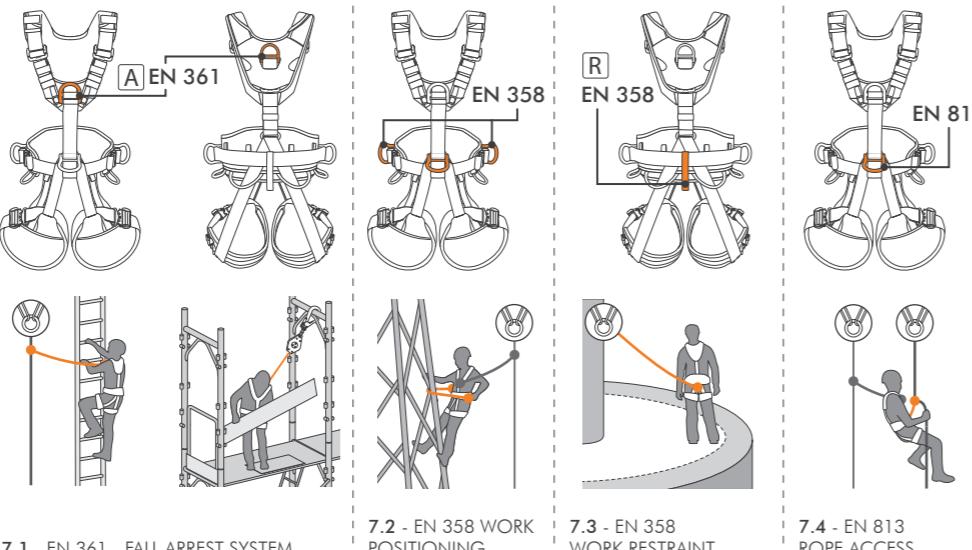
## 3 NOMENCLATURE OF PARTS



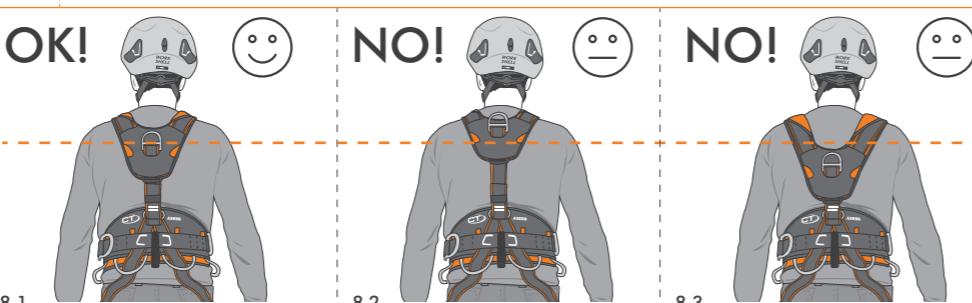
## 4 ADJUSTMENT BUCKLES



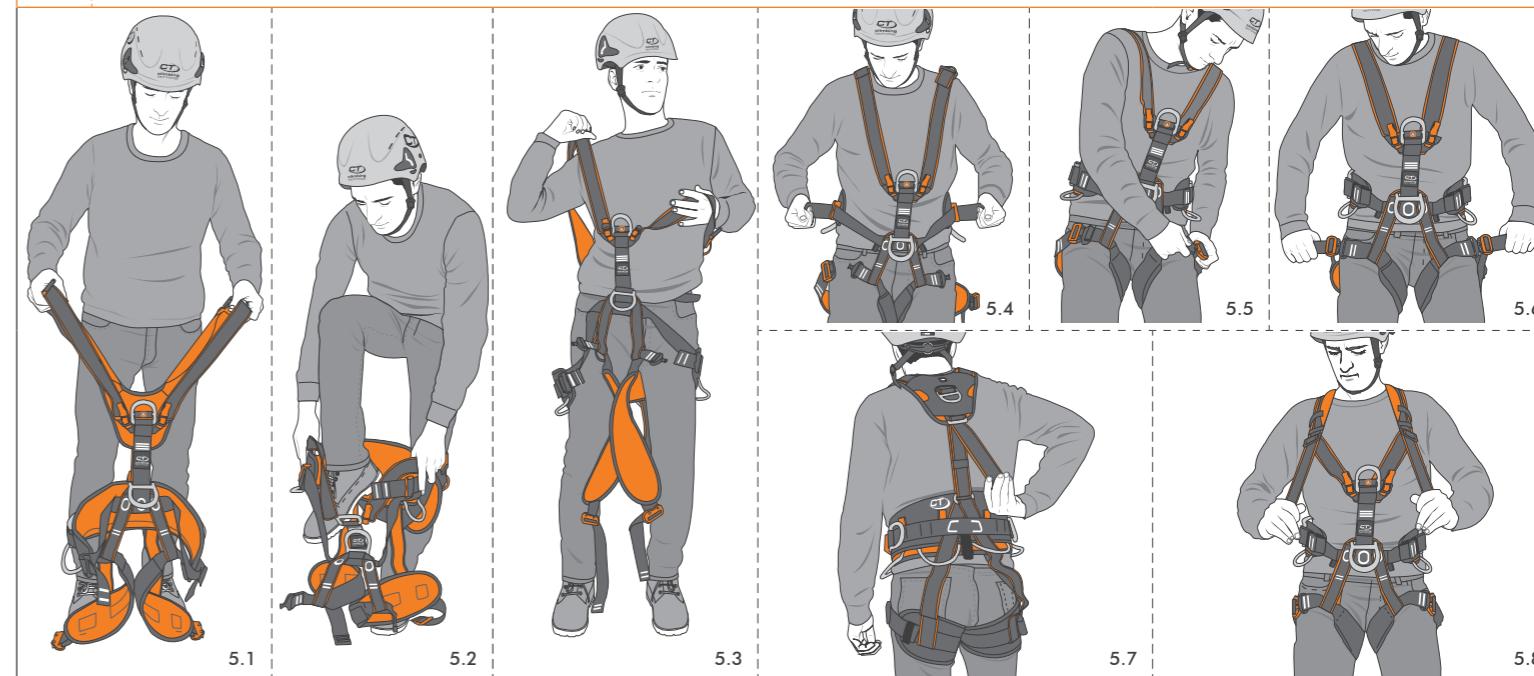
## 7 ATTACHMENT POINTS



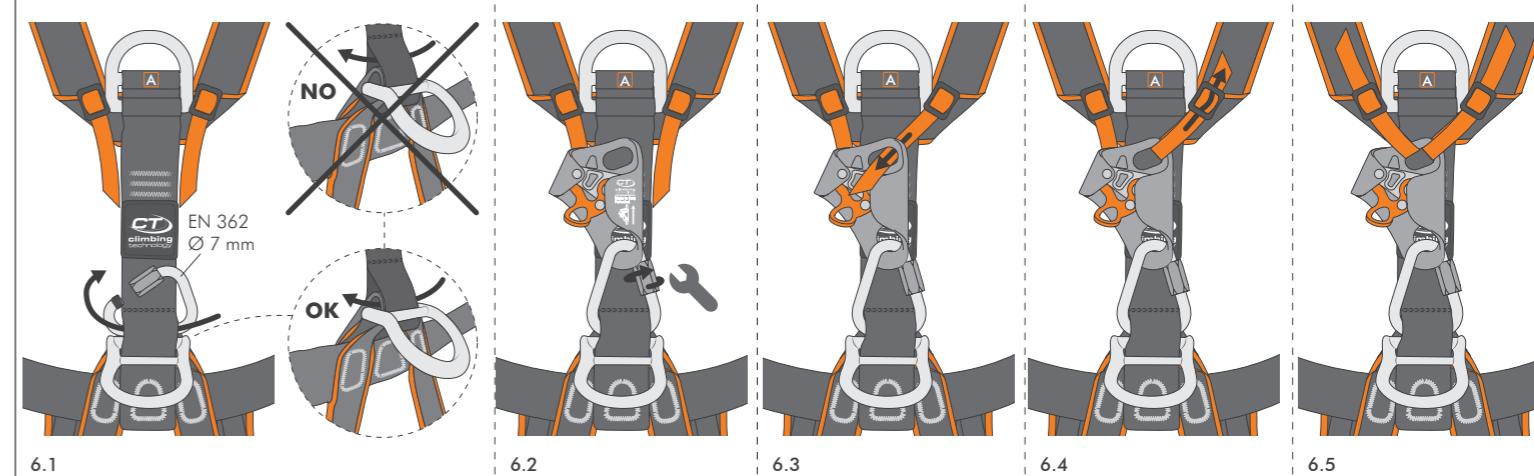
## 8 CORRECT POSITIONING OF THE HARNESS



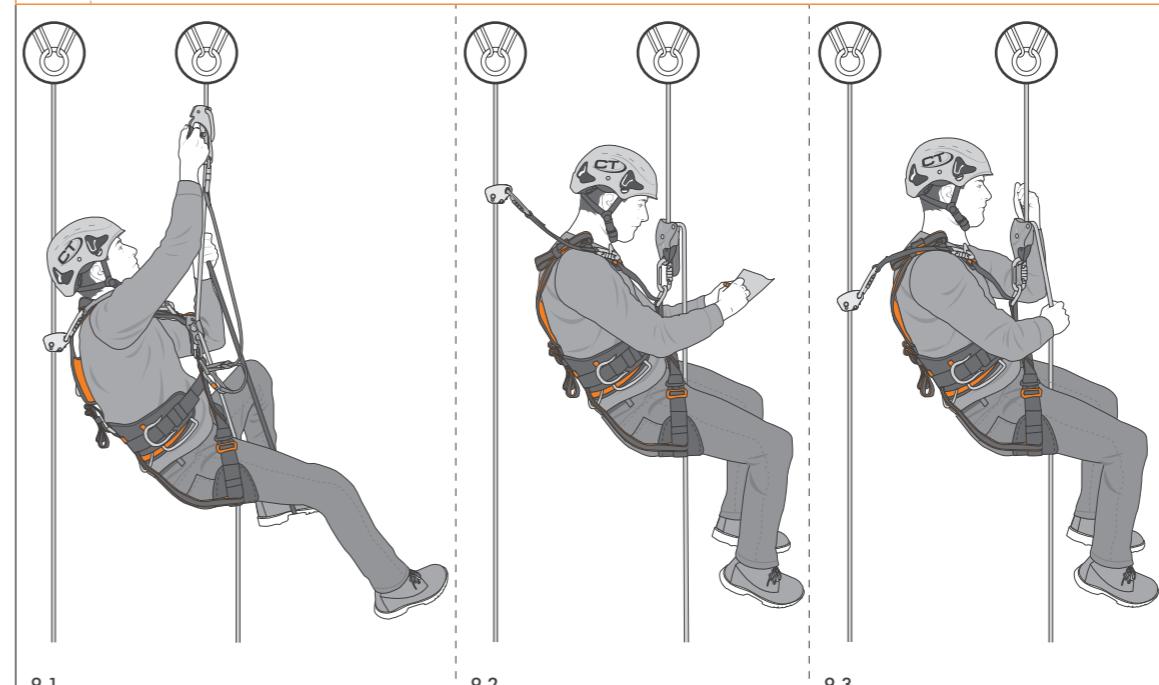
## 5 WEARING AND ADJUSTING THE HARNESS



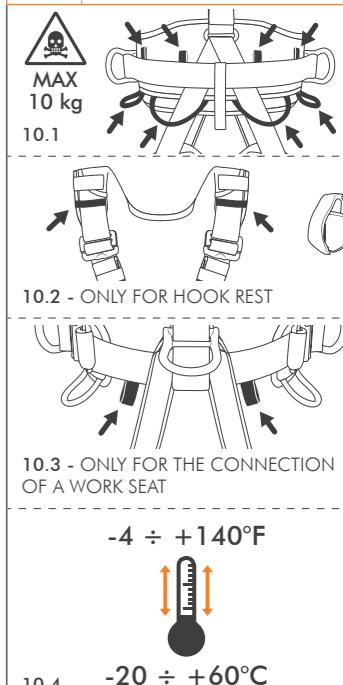
## 6 ATTACHMENT OF THE CHEST ASCENDER



## 9 ROPE ACCESS - EXAMPLES OF USE



## 10 WARNINGS



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## EN 361 - WRONG ATTACHMENT MODES



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## USE WITH FALL ARREST LANYARD



ample: energy absorber, guided type fall arrester, etc). A full body harness against falls from a height is a component of a fall arrest system, and it must be used in combination with anchorages EN 795, shock absorbers EN 355, connectors EN 362 etc. **Attention!** To connect to a reliable anchor point or to a connection subsystem, only use EN 362 connectors. **Attention!** Please check the value of the clearance distance of the fall arrest device used in the instruction manual. **Attention!** Only anchor points that comply with the EN 795 standard can be used (minimum strength 12 kN or 18 kN for non-metallic anchors) that do not have sharp edges. **Attention!** The user must always be positioned below the anchor point.

**7.2 - EN 358:2018.** The belt is approved for use by a user of 140 kg, tools and equipment included.

The side attachment points (F) allow the user to be positioned in the workplace. Use them to connect a positioning lanyard. Make sure it is possible to rest the feet to work in a comfortable way. Adjust the positioning lanyard in such a way that it is in tension; that the anchor point is at a height equal to or greater than the height of the waist belt. **Attention!** Attachment elements EN 358 are not suitable to arrest a fall. A work positioning belt should not be used where the foreseeable risk of the user being suspended from the belt or exposed to an involuntary tension through the belt itself exists. **Attention!** Using a work positioning system, the user is normally supported by the equipment. As a consequence, it is essential to consider using a backup system such as a fall protection system. **Attention!** The two lateral attachment elements must always be used together, by linking them with a positioning lanyard. **Attention!** The rear attachment point, identified by the letter R, is intended for use in a restraint system and thus it can only be used to prevent the user from entering an area where a fall is possible.

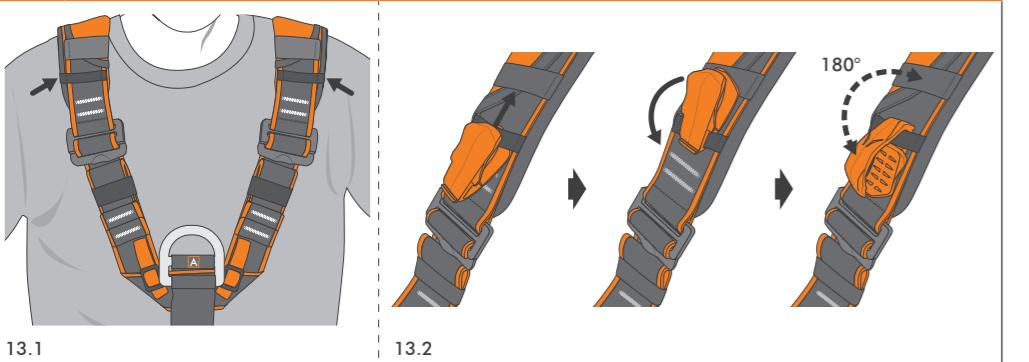
**7.3 - EN 813:2008.** Maximum rated load: 140 kg. This element for ventral attachment (G) is intended to be used for restraint, work positioning and rope access systems. Use it for attachment with a restraint or positioning lanyard, descenders etc. **Attention!** The attachment element EN 813 is not suitable to arrest a fall. **Attention!** The user must always be positioned below the anchor point.

**7.4 - Additional warnings.** 1) Gear loops are to be used only to hang materials. Do not use for other purposes (fastening, abseiling etc.). **Attention!** The horizontal webbing located on the shoulders are designed exclusively to insert the Hook Rest support (Ref. No. 6V522) and should not be used for other purposes (Fig. 11.1). The Hook Rest support is exclusively designed for the positioning of a fall arrester lanyard while not in use. (Fig. 12.1-14). It is designed to release the connector if subjected to a load exceeding a few kilograms, so that it does not interfere with the opening of the energy absorber in the event of a fall (Fig. 14.3).

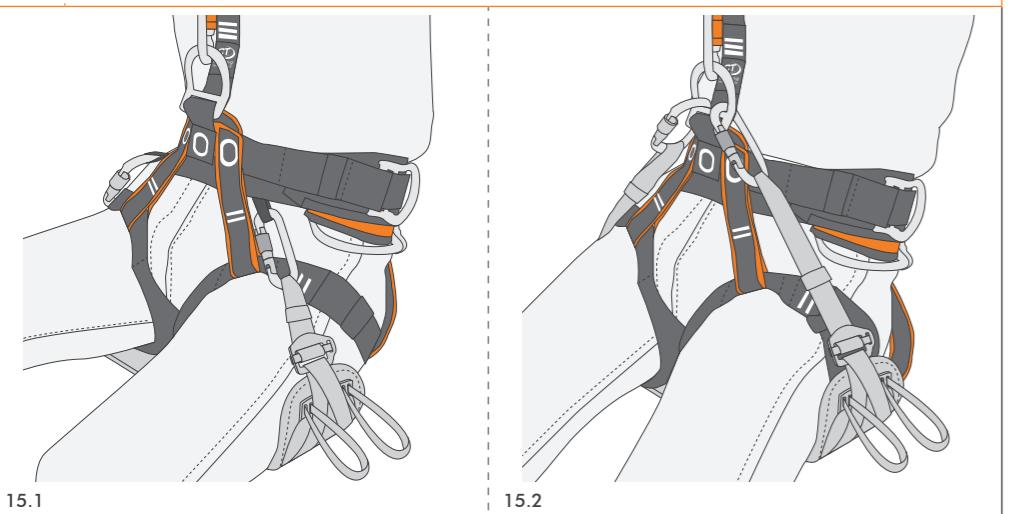
2) Inert suspension in the harness can cause serious physiological injuries and, in extreme cases, fatality. **Attention!** Take all the necessary precautions to minimize the likelihood of an inert suspension and its duration.

**8) SYMBOLS.** Refer to the legend in the general instructions (paragraph 16): F1.

## 13 HOOK REST - INSTALLATION



## 14 HOOK REST - INSTRUCTION FOR USE



## ENGLISH

The instruction manual for this device consists of general and specific instructions, both must be carefully read and understood before use. **Attention!** This leaflet shows the specific instruction only.

**SPECIFIC INSTRUCTIONS EN 361 / 358 / 813.**

This note contains the necessary information for a correct use of the following product/s: Axess QR.

**1) FIELD OF APPLICATION.**

This product is a personal protective device (P.P.E.). It is compliant with the Regulation (EU) 2016/425. EN 361:2002 - Full body harnesses against falls from a height. EN 358:2018 - Belts for work positioning and restraint. EN

813:2008 - Sit harnesses. **Attention!** This product is intended to be integrated into fall protection systems, for example connectors and ropes. **Attention!** For this product the indications of the standard EN 365 must be respected (general instructions / paragraph 2.5). **Attention!** For this product a periodic thorough inspection is compulsory (general instructions / paragraph 8.)

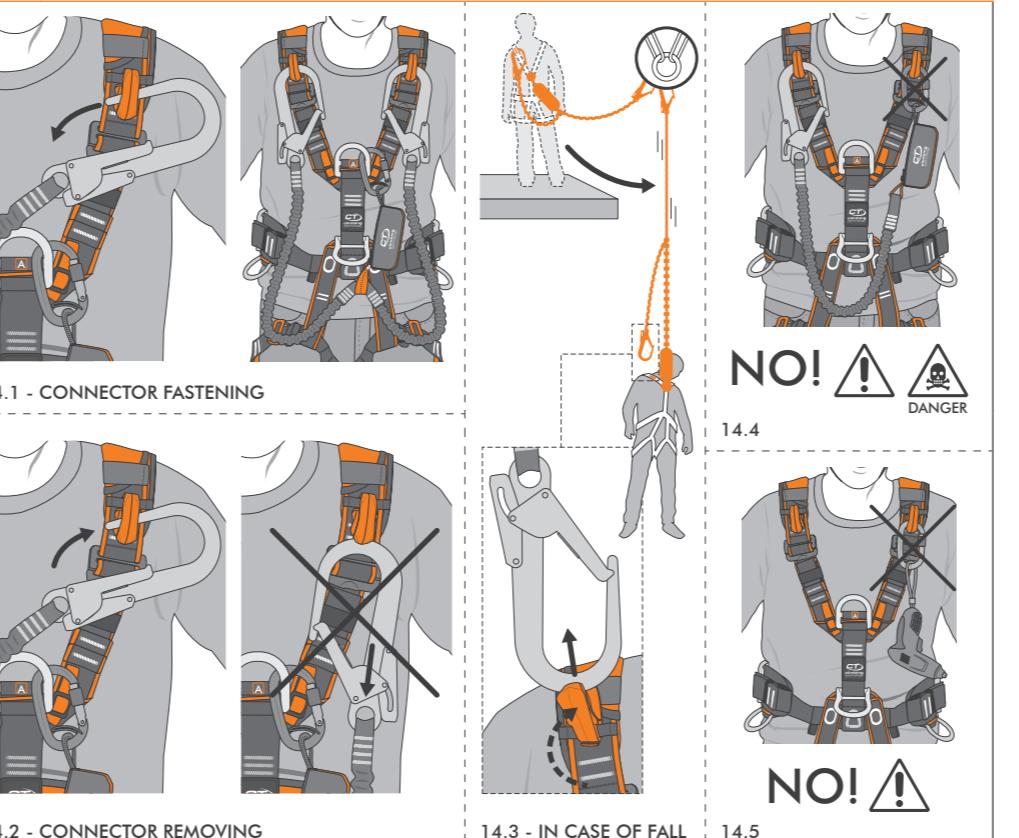
**1.1 - Intended uses.**

The equipment is designed for the following applications: prevention of falls from a height (EN 358 / EN 813); protection against falls from a height (EN 361).

**2) NOTIFIED BODIES.** Refer to the legend in the general instructions (paragraph 9 / table D): M6; N1.

**3) NOMENCLATURE** (Fig. 3). A) Label with

## 14 HOOK REST - INSTRUCTION FOR USE



marking. B) Adjustment buckle front chest. C) Element for sternal attachment EN 361. D) Fastening straps for chest ascender. E) Capital letter A, denoting EN 361 attachment points. F) Element for side attachment EN 358. G) Element for frontal attachment EN 813. H) Belt buckles. I) The capital letter R, indicating the attachment element EN 358, is intended for use only in work restraint. L) Leg loop quick-release buckle with indicator for correct insertion and with a system that avoids accidental sliding-through of the strap. M) Element for dorsal attachment EN 361. N) Adjustment buckle rear chest harness. O) Waist belt gear loops. P) Support webbing for Hook Rest. Q) Loops for tool-holder pouch. R) Loops used for the connection of a work seat.

**3.1 - Main materials.** Refer to the legend in the general instructions (paragraph 2.4): 1 / 3 (attachment points and buckles); 7 / 10 / 12 (webbings and seams).

**4) MARKING.**

Numbers/letters without caption: refer to the legend in the general instructions (paragraph

## 5).

**4.1 - General** (Fig. 2). Indications: 1; 2; 4; 6; 7; 8; 11; 12; 15; 17; 18; 30) Pictogram showing how to close and fix the adjustment buckles; 31) Pictogram showing incorrect attachment point (Equipment-carrying loop). 32) Area to fill in for the identification of the device; 33) Diagram showing the correct use of attachment points. 34) Indication of webbing intended only for the insertion of the Hook Rest support.

**4.2 - Traceability** (Fig. 2). Indications: T2; T3; T8; T9.

**5) CHECKS.**

Further to the checks listed below, comply with what indicated in the general instructions (paragraph 3). **During each use:** it is important to check regularly the buckles and/or the adjustment devices.

**6) SETTING.** Choose a harness of a suitable size, by consulting the chart (Fig. 1), containing the following data: A) Height of the user; B) Circumference of the belt; C) Circumference of leg loops.

**6.1 - Putting the harness on.** 1) unfasten and extend the leg loops using the quick-release buckles. Extend the waist belt and the shoulder straps using their own adjustment buckles (Fig. 5.1). 2) Move into the harness as shown (Fig. 5.2) and lift the shoulder straps up until they rest on the shoulders (Fig. 5.3).

**6.2 - Fastening and adjustment.** 1) Adjust the waist belt using the adjustment buckles (Fig. 5.4) in order to make it fit perfectly to the body without being too tight. Pass any excess strap through the appropriate retainers. 2) Fasten the leg loops (Fig. 5.5) and adjust them using the quick-release buckles (Fig. 5.6) to the point that there is space enough to insert a hand between the leg loop and the leg. Pass any excess strap through the appropriate retainers. 3) By using the adjustment buckle N, adjust the distance between chest harness and waist belt in order to place the attachment point to the correct height (Fig. 5.7). 4) Finally, adjust the chest harness using the adjustment buckles (Fig. 5.8). Pass any excess strap through the appropriate retainers. **Attention!** Before use, perform a test for fitting and adjustability in a safe place, in order to make sure that the harness is of the correct size, it enables adequate adjustment and it has an acceptable level of comfort for its intended use.

**6.3 - Ventral rope clamp.** The harness is equipped with two fastening straps designed for the attachment of a chest ascender. To install the ventral rope clamp, a triangular quick-link ( $\varnothing$  10 mm) has to be used, following the instructions in Figure (Fig. 6).

**6.4 - Work positioning seat.** The harness is provided with two loops for the fastening of a work positioning seat (Fig. 15.1). This solution increases the comfort during use and leaves free the ventral attachment point for other manoeuvres. Alternatively, it is anyway possible to attach the work positioning seat to the ventral attachment point (Fig. 15.2).

**7) INSTRUCTIONS FOR USE.**

Any activity carried out at height requires the use of Personal Protection Equipment (P.P.E) as a protection against the risk of a fall. Before accessing the work station, all the risk factors must be evaluated (environmental, concomitant, consequential).

**7.1 - EN 361:2002.** The device complies with EN 361 standard and the tests were carried out and passed using a 140 kg dummy. **Attention!** In case of use by users weighing more than 100 kg (equipment included) always check the compatibility of the energy absorbers used in terms of declared load. These attachment elements, sternal (C) or dorsal (M), are indicated by the letter A (E), and they are intended to connect a fall arrester provided for the EN 363 (for ex-



