

EASY MOVE EASY MOVE KIT

EN Mobile fall arrester for rope
IT Anticaduta di tipo guidato su corda
FR Antichute mobile sur corde
DE Mitlaufendes Auffanggerät für Seile
ES Anticaídas deslizante para cuerda
PT Anti-queda do tipo guiado sobre corda
SE Fällskydd med repinställning

MADE IN ITALY
EN 12841:2006-A/B
EN 353-2:2002 EN 358:1999 0333

89/686/CEE -
Personal Protective Equipment against falls from a height.

i = G + S1 + S2



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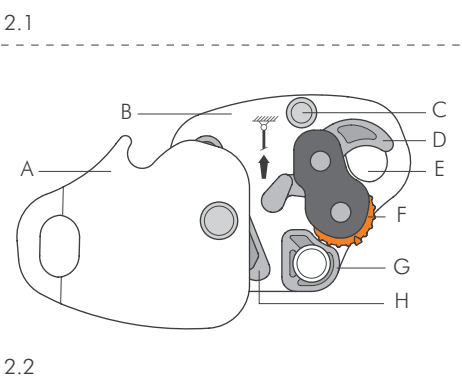
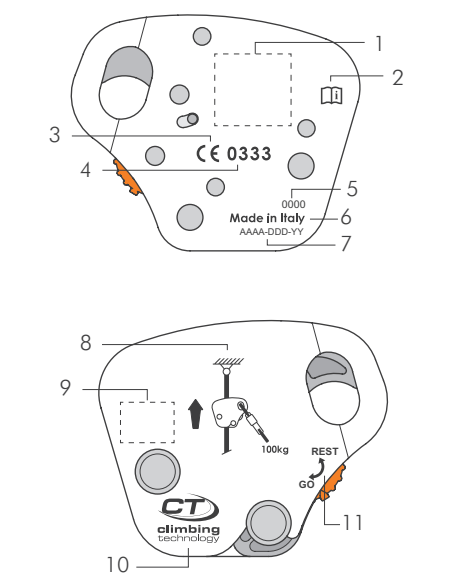
0 MODELS

PRODUCT	EASY MOVE	EASY MOVE KIT
REF. No.	2F713	2F713K
WEIGHT	190 g	350 g
STANDARDS	EN 12841:2006-A/B EN 353-2:2002 EN 358:1999	EN 12841:2006-A EN 353-2:2002
ROPE COMPATIBILITY	EN 12841:2006-A/B EN 1891-A 10.5 ≤ Ø ≤ 11 mm EN 353-2:2002 EN 358:1999 TEUFELBERGER Patron PLUS Ø 11 mm 22 kN = minimum breaking strength of the rope with its terminations.	EN 12841:2006-A EN 1891-A Ø = 11 mm EN 353-2:2002 BORNACK Tec Static PRO Ø 11 mm 22 kN

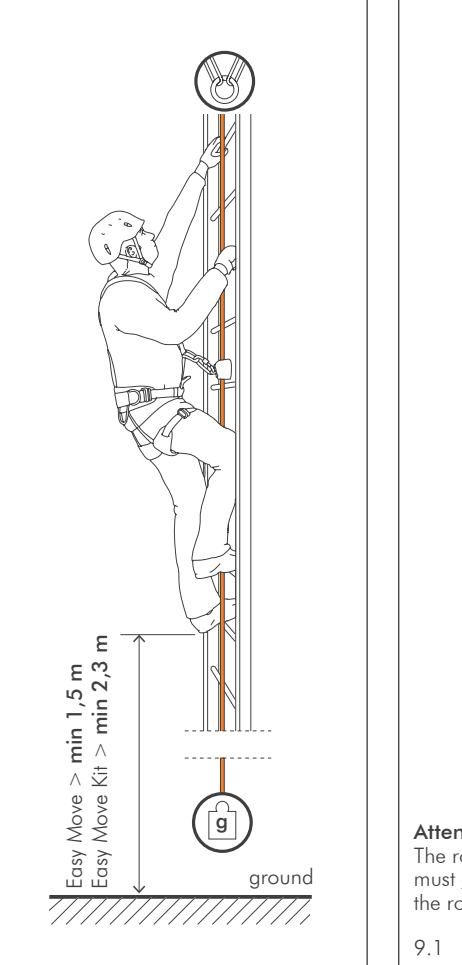
1 LEGEND

1.1 - Anchor	1.2 - Harness	1.3 - Hand

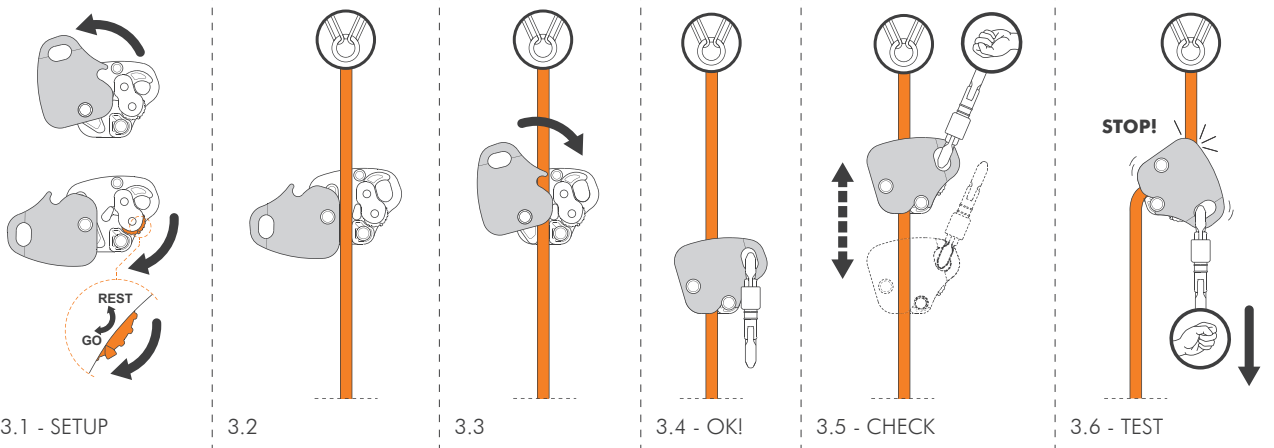
2 MARKING / NOMENCLATURE OF PARTS



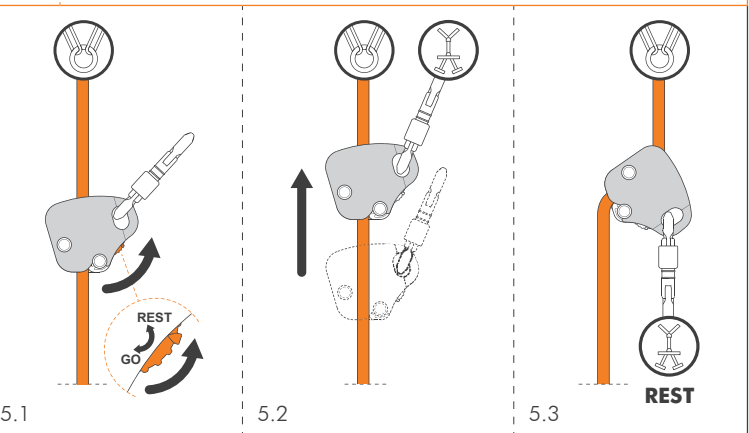
8 CLEARANCE HEIGHT



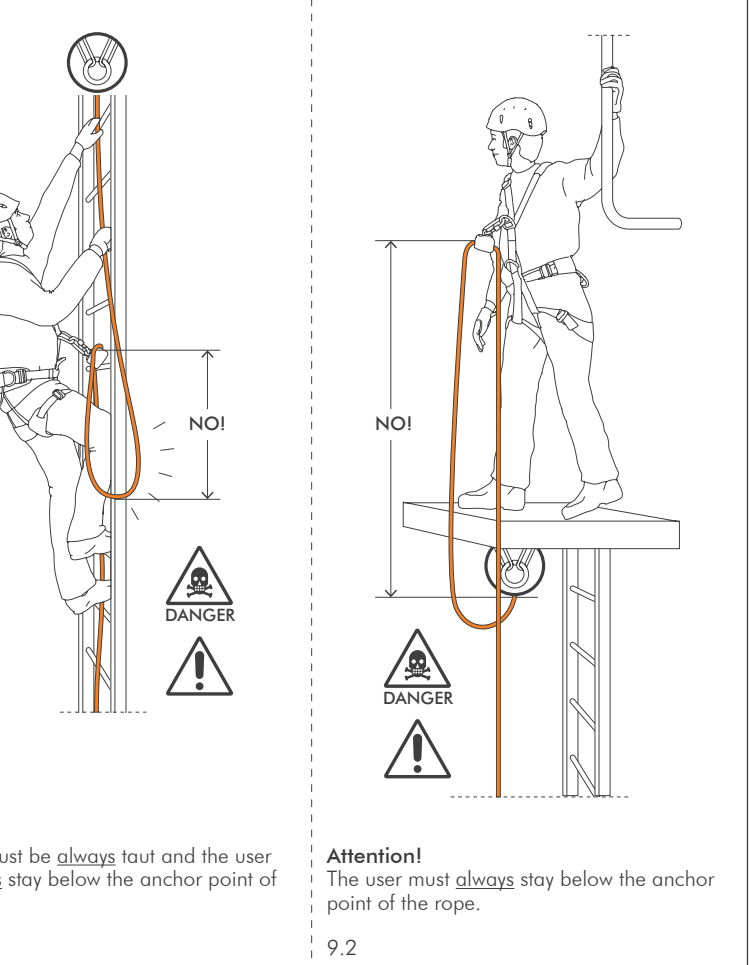
3 EN353-2:2002 - INSTALLATION AND TESTING



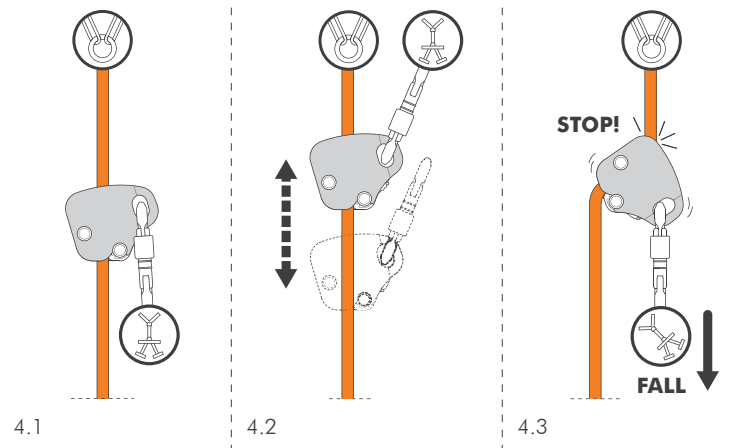
5 EN12841:2006-A/B - USE AS A ROPE ASCENDER



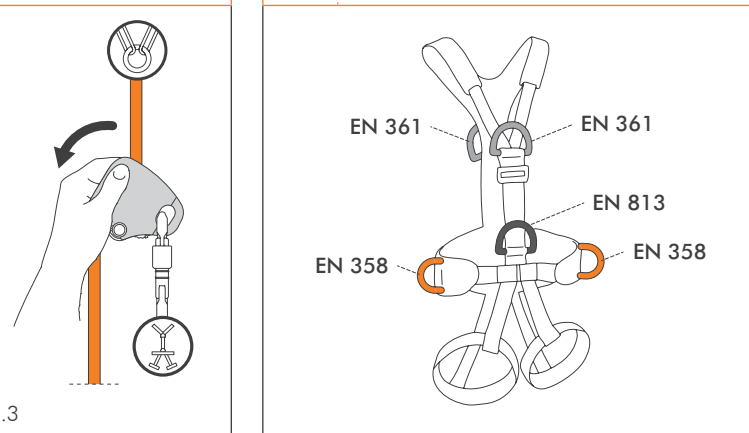
9 ATTENTION! - POSITIONS OF INCORRECT USE



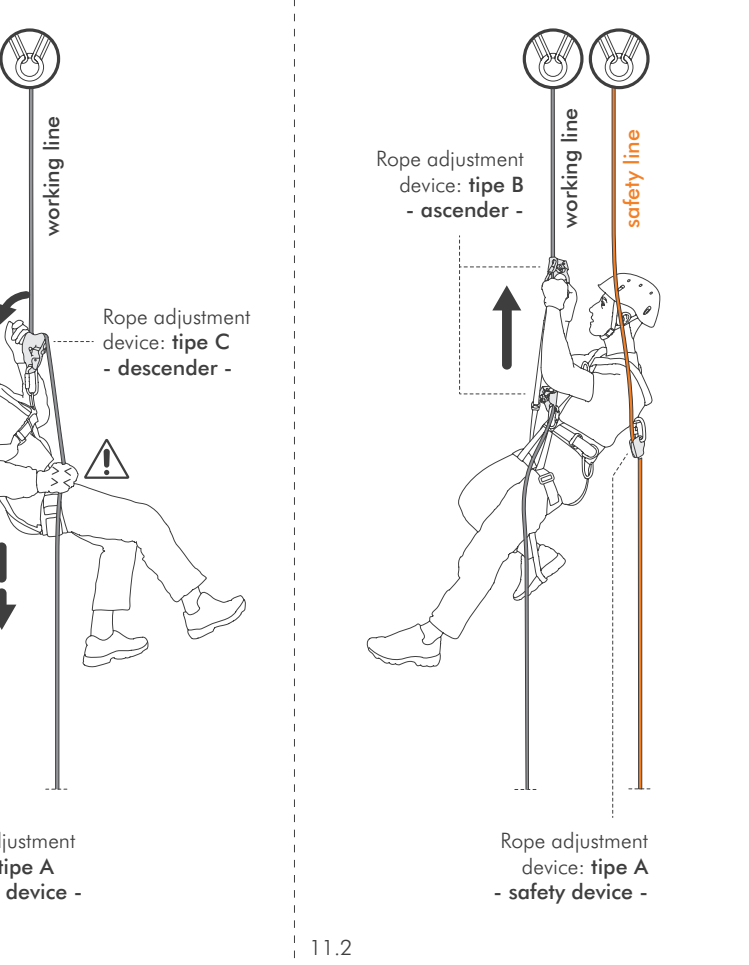
4 EN353-2:2002 - USE AS A GUIDED TYPE FALL ARRESTER



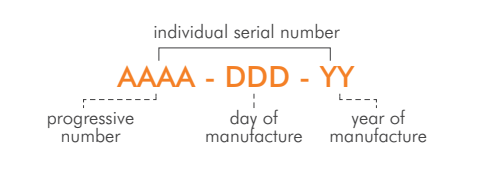
7 HARNESS - ATTACHMENTS POINTS



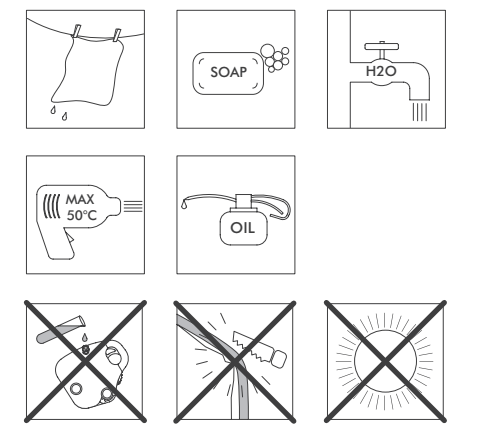
11 EN12841:2006-A - ROPE ACCESS SYSTEMS



12 TRACEABILITY



13 WARNINGS



A DEVICE IDENTIFICATION SHEET

(A) Trademark.	
(B) Manufacturer.	Aludesign S.p.A. Via Torchio 22, 24034 Cisano B.sco (BG) ITALY. climbingtechnology.com
(C) Product (type, model, code)	Mobile fall arrester for rope. ☐ EASY MOVE 2F713 ☐ EASY MOVE KIT 2F713K
(D) User (company, name and address)	
(E) Serial number / batch	
(F) Year of manufacture	
(G) Purchase date.	
(H) Date of first use.	
(I) Expiry date.	
(L) Reference standards.	☐ EN 12841-A/B ☐ EN 12841-A ☐ EN 353-2 ☐ EN 358
(M) Notified Body that performed the CE check:	 NOTIFIED BODY "0082" 8, rue Jean-Jacques Vernazza Z.A.C. Sourmay-Séon CS 60193 13322 MARSEILLE CEDEX 16 FRANCE
(N) Notified Body that controls production:	 AFNOR CERTIFICATION NOTIFIED BODY "0333" 11, rue Francis de Pressensé - 93571 La Plaine Saint-Denis Cedex, FRANCE

ENGLISH

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

SPECIFIC INSTRUCTIONS EN 12841-A/B | EN 353-2 | EN 358.

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

0) FIELD OF APPLICATION (Fig. 0).

The device is available in two versions, with or without connection lanyard.

0.1 - Easy Move. EN 12841:2006-A/B - Rope access systems / safety line adjustment device (Type A) or working line ascender (Type B). It must be used only with ropes (core + sheath) static - semi-static - EN 1891 type A 10.5 ≤ Ø ≤ 11 mm. EN 353-2:2002. Guided type fall arresters including a flexible anchor line. To be used exclusively with "TEUFELBERGER Patron PLUS Ø11" rope, core and sheath of polyamide, ends with sewn eyelets protected by a thermoretractable sheath or knotted eyelets (Figure of 8 knot), with breaking strain ≥ 22 kN. EN 358:1999 - Belts for work positioning and restraint and work positioning lanyards. Use exclusively with "TEUFELBERGER Patron PLUS Ø11" rope, core and sheath of polyamide, ends with sewn eyelets protected by a thermoretractable sheath or knotted eyelets (Figure of 8 knot) with breaking strain ≥ 22 kN.

1) NOMENCLATURE. A) Sliding side plate; B) Fixed side plate; C) Exit pin spring D) Adjustment lever; E) Connecting hole; F) Blocking wheel; G) Counter block; H) Mobile release can (Fig. 2.2).

2) MARKING. On the device the following information are engraved (Fig. 2.1): 1) Number, year and features of EN normative of reference. 2) Logo advising the user to carefully read the instruction manual before employing the device. 3) CE marking. 4) 0333 - Number of the notified body responsible for the control of the manufacturing. 5) Batch number (0000). 6) Country of manufacture. 7) Serial number (AAAA-DDD-YY) B) Correct way of use and max work load permitted (100 kg). 9) CE marking. 10) Product model. 10) Name of the manufacturer or of the responsible for the introduction in the market. 11) Indication for the position of the blocking wheel: REST: position in ascender mode / lanyard adjustment; GO: position in fall arresting mode.

3) TRACEABILITY. The device includes an individual serial number (AAAA-DDD-YY) composed by progressive number (AAAA), day of manufacture (DDD) and year of manufacture (YY).

4) CHECK LIST. Before each use verify that: there are no visible signs of corrosion, abrasion or deformations; the cam rotates freely, without jamming and the spring of the cam snaps it in the rope locking position; the carabiner, placed in the device attachment hole, rotates freely; the carabiner locking system works properly; watch out for dirt, (ex. sand or mud); rope, lanyard, and tacks do not show signs of corrosion, burns, wear, cuts or fraying yarns. **Attention!** If the system falls is subject to impacts, do not use the fall arrester system nor any one of its components. Before performing work at heights, it is mandatory to prearrange a rescue plan to give immediate assistance to the operator in difficulty, inform the operator about the rescue plan. During each use, always verify the correct placement of the rope inside the device; pay attention using iced, wet, muddy, dirty ropes and any foreign body which might prevent the good working of the locking cam on the rope; regularly check the good working conditions of the lanyard adjuster comprising the correct placing of the other components included in the system; make sure the connectors are properly locked and the safety catch is closed; ensure the rope is always in tension to avoid possible free-falls; avoid having slack rope between the anchor and the attachment on the harness.

5) WARNINGS. The device has been designed to be used in weather conditions that can normally be withstood by humans (operating temperature range between -30°C and +40°C). All the materials and treatments are hypoallergenic and do not cause skin irritation or sensitivity. During the use, it is essential for your own safety that the device or the anchor points are always correctly placed, and that the work is organized in such a way, to minimize the risk of a fall from a height. Verify that there is enough space below the user at the work station to prevent him from colliding with the ground or other obstacles in the event of a fall. In order to improve the performances of the anti fall device, the lower edge of the flexible anchor line must always be secured with a weight (2÷5 kg).

5.1 - Compatibility. Check to verify all the possible connection points to the harness (Fig. 7), as it is the only body-carrying device that can be implemented with the fall arrester system: as a fall arrester (EN 353-2 and EN 12841-A); connect to anchor points certified according to EN 361, preferring frontal attachment points; as an ascender (EN 12841-B); connect to attachment points certified according to EN 358; as lanyard adjuster (EN 358); connect to attachment points certified according to EN 813 for frontal use or to attachment points EN 358 for lateral use. For the installation of the rope (in particular in case of flexible anchor line), 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. The device must be used exclusively with ropes having suitable characteristics (Fig. 0). **Attention!** Do not use on metal cables or piled ropes.

6) INSTRUCTIONS FOR USE. Easy Move must be used attached directly to the harness with a connector conform to EN 362 and having a locking gate, with a minimum breaking load of 15 kN. The Easy Move Kit is equipped with a lanyard that cannot be detached from the device itself, and which is inserted between the two connectors that connect the fall arrester device with the harness. **Attention!** Use the device only with connectors having maximum length 120 mm or with the opposite lanyard with connectors supplied by the manufacturer (total length 140 mm). **Attention!** It is strictly forbidden to replace the lanyard supplied by the manufacturer with another lanyard model. Do not use other lanyards to extend the connection of the device to the harness or to the anchor point.

6.1 - Installation. Insertion of the rope. Open the sliding side plate rotating it and verify that the position of the blocking wheel is in position GO (Fig. 3.1). Insert the rope in the device making sure to place it the correct side up (Fig. 3.2). Close the sliding side plate (Fig. 3.3) and insert the EN362:2004 compliant connector through the slot (Fig. 3.4). **Danger of death!** The fall arrester works in one direction only. If assembled in the wrong/opposite direction, it constitutes a fatal danger. Function testing. Slide the fall arrester upwards, pulling it by the connector to check that it runs freely (Fig. 3.5). Then rapidly pull it downwards and check that the fall arrester immediately locks onto the rope (Fig. 3.6). **Attention!** The connector may be coupled to the restraint harness only after the above steps have been meticulously performed (Fig. 4.1). To detach the device from the rope, it is necessary to remove the connector from the slot. Shift to ascender mode (EN 12841:2006-B) or lanyard adjuster (EN 358:1999). To shift to ascender/adjuster mode you must rotate until the position REST the blocking wheel (Fig. 5.1 / 6.1): in this position the device can only run towards one direction. To return to the fall arrest mode, you must rotate the blocking wheel in the position GO (Fig. 4.2-4.3). It is unnecessary to use the device in combination with shock absorbers. The user must always stay on a lower level compared the anchor point, the maximum possible inclination must not be over 30°. During progression along the rope, check to ensure that the rope is pulled tight (Fig. 9.1), that it does not rub against any edge and that it does not come into contact with any aggressive/abrasive substances (Fig. 12.2). Furthermore, the user must never be in position above the anchor point (Fig. 10/9.2). **Ascender mode.** The device runs upwards and it blocks in the position where it is situated when the weight of the user is charged (Fig. 5.2-5.3). **Lanyard adjuster mode.** Pull the free end of the rope to get closer to the anchor point (Fig. 6.2), or rotate the device to move away from it (Fig. 6.3). Verify that the freedom of movement is restrained to maximum 0.6 m. **Attention!** Lanyard adjuster device is not suitable to arrest falls, and thus it's necessary to supply an opposite protection device (collective or personal) against falls from a height.

6.3 - Fall clearance distance. The fall clearance distance is the minimum distance needed under the feet of the operator in order to avoid the collision with the structure, the ground, or other obstacles, in case of a fall from a height. **Attention!** Before and during each use you must keep into account the indicated fall clearance distance value (Fig. 8). **Attention!** Should the user be below the indicated fall clearance distance height, it might happen that he's not protected from falls; therefore it is suggested to adopt supplementary measures during the climbing or the descent. **Attention!** Non

The indicated value has been calculated through the standard fall tests using a rigid mass of 100 kg. **Attention!** It must be added to the fall clearance distance calculation the elasticity of the rope, which can vary depending on the conditions of use. 6.4 - EN 12841:2006. The Easy Move is a Personal Protective Equipment (PPE) intended to be employed in a rope access system. Rope adjustment devices have not to be used in a fall arrest context. Easy Move is a type A rope adjustment device, meant to be used on safety lines, and a type B rope adjustment device for ascending on an anchor line. When an anchor line is permanently loaded with the weight of the user, it becomes a work line. A work line is not meant to arrest a fall. It is necessary to employ, in combination, a fall arrest device type A connected to an appropriate back up anchor line (Fig. 1.1). Always make sure the fall arrester isn't used on the work line. **Warnings:** use only semi-static rope (core + sheath) between 10.5 and 11 mm certified to EN 1891 type A. For the certification of this device, the following ropes have been employed: Teufelberger Patron Ø 10.5 mm e Patron PLUS Ø 11 mm; avoid any overloading or loading on the device because can harm the anchor line; during the use, the anchor point must always be placed above the waist belt attachment point of the harness; the technical performances of the anchor line might vary considerably, due to dirt, moisture, ice, repeated uses on the same stretch; keep in mind that these variances will influence the behaviour of the rope inside the device; max. work-load 100 kg.

7) PERIODIC CHECK. At least every 12 months (6 months for use in the sea), a rigorous check of the device must be carried out by the manufacturer or expert staff expressly certified by the manufacturer. This frequency can vary depending on the frequency and intensity of usage. Performing periodic checks on a regular basis is essential to ensure the continued efficiency and durability of the device, on which the safety of the user depends. The results of the checks will be related on the appropriate sheet that is supplied with every device and that must accompany the device. **Warning!** If the sheet is missing, or illegible, do not use the device. **Device identification sheet (Fig. 12).** A) Trademark; B) Manufacturer; C) Product (type, model, code); D) User (company, name and address); E) Serial number / batch; F) Year of manufacture; G) Purchase date; H) Date of first use; I) Expiry date; L) Reference standards; M) Notified Body that performed the CE check; N) Notified Body that controls production. **Device periodic check sheet (Fig. 8).** O) Date; P) Reason for check: periodic check or additional check; Q) Name and signature of the person responsible for checking; R) Notes (defects found, repairs performed or other relevant information); S) Check results: device fit for use, device unfit for use or device to be checked; T) Date of next check.

8) LEGEND. Anchor (Fig. 1.1); Harness (Fig. 1.2); Hand (Fig. 1.3).

ITALIANO

Le istruzioni d'uso di questo dispositivo sono costituite da un'istruzione generale e da una specifica ed entrambe devono essere lette attentamente prima dell'utilizzo. **Attenzione!** Questo foglio costituisce solo l'istruzione specifica.

ISTRUZIONI SPECIFICHE EN 12841-A/B | EN 353-2 | EN 358.

Qualsiasi attività svolta oltre i due metri di altezza presuppone l'impiego di Dispositivi di Protezione Individuale (DPI) contro il rischio di caduta. Prima di accedere alla postazione di lavoro si devono considerare tutti i fattori di rischio (ambientali, concomitanti, conseguenziali).

0) CAMPO DI APPLICAZIONE (Fig. 0).

Il dispositivo è disponibile in due versioni, con o senza lancia di collegamento.

0.1 - Easy Move. EN 12841:2006-A/B - Sistemi di accesso con fune / Dispositivo di regolazione della linea di sicurezza (tipo A) o risalitore della linea di lavoro (tipo B). Da utilizzare con corde (anima + calza) statiche o semistatiche - EN 1891 tipo A 10.5 ≤ Ø ≤ 11 mm. EN 353-2:2002 - Dispositivo anticaduta di tipo guidato su linea comprendente una linea di ancoraggio flessibile. Da utilizzare esclusivamente con corda TEUFELBERGER Patron PLUS Ø 11, con calza ed anima in poliammide, estremità con anole cucite protette da guaina termoretrattile o anole annodate (nodo a 8), con carico di rottura ≥ 22 kN. EN 358:1999 - Cinture di posizionamento sul lavoro e trattenute a cordini di posizionamento sul lavoro. Da utilizzare esclusivamente con corda TEUFELBERGER Patron PLUS Ø 11. **0.2 - Easy Move Kit.** EN 12841:2006-A - Sistemi di accesso con fune / Dispositivo di regolazione della linea di sicurezza. Da utilizzare con corde (anima + calza) statiche o semistatiche - EN 1891 tipo A Ø 11 mm. EN 353-2:2002 - Dispositivo anticaduta di tipo guidato su linea comprendente una linea di ancoraggio flessibile. Da utilizzare esclusivamente con corda BORNACK Tec Static PRO Ø 11, con calza ed anima in poliammide, estremità con anole cucite protette da guaina termoretrattile o anole annodate (nodo a 8), con carico di rottura ≥ 22 kN.

1) NOMENCLATURA. A) Guancia mobile; B) Guancia fissa; C) Perno di uscita; D) Leva di regolazione; E) Foro di collegamento; F) Rotella di bloccaggio; G) Blocco di bloccaggio; H) Camma mobile di bloccaggio (Fig. 2.2).

2) MARCATURA. Sul dispositivo sono riportate le seguenti indicazioni (Fig. 2.1): 1) Numero, anno e caratteristiche delle norme EN di riferimento. 2) Logo che avvisa l'utente di leggere attentamente le istruzioni prima dell'utilizzo. 3) Marchio CE. 4) 0333 - Numero dell'organismo che interviene durante la fase di controllo della produzione. 5) Numero di lotto (0000). 6) Paese di fabbricazione. 7) Numero di serie (AAAA-DD-YY). 8) Senso di utilizzo corretto del regolatore e carico massimo consentito (100 kg). 9) Modello del prodotto. 10) Nome del costruttore o del responsabile dell'immissione sul mercato. 11) Indicazione per posizione della rotella di bloccaggio: REST: posizione in modalità risalitore/regolatore di lancia; GO: posizione in modalità anticaduta.

3) TRACCIABILITÀ (Fig. 12). Il dispositivo riporta un numero di serie individuale (AAAA-DD-YY) composto da numero progressivo (AAAA), giorno di fabbricazione (DDD) e anno di fabbricazione (YY).

4) CONTROLLI. Prima di ogni utilizzo verificare che: non vi siano segni di usura, lussurazioni, corrosione o deformazione; la camma di bloccaggio ruoti correttamente senza impuntamenti; la molla della leva di regolazione la faccia scattare in posizione di blocco corda; il connettore inserito nel foro di aggancio possa ruotare senza impedimenti esterni; il sistema di chiusura dei connettori funzioni correttamente; non vi sia presenza di sporco (es. sabbia); la corda, la lancia e le eventuali le cuciture non presentino tagli, punti di usura, abrasioni, bruciature o corrosioni. **Attenzione!** In caso di caduta non utilizzare il sistema anticaduta o qualsiasi altro componente dello stesso. Prima di intraprendere un lavoro in fune, va predisposta una procedura di soccorso efficace per il recupero dell'operatore in difficoltà; informare l'utilizzatore dell'esistenza della procedura di soccorso predisposta. Durante ogni utilizzo è necessario; verificare sempre il corretto posizionamento della corda all'interno dell'attrezzo; prestare attenzione alle corde ghiacciate o sporche di fango e ad eventuali corpi estranei che possano impedire il corretto funzionamento della corda; verificare regolarmente il buon funzionamento del dispositivo di regolazione e l'ottimale collegamento e disposizione degli altri componenti del sistema; controllare la perfetta chiusura della leva e il relativo bloccaggio dei connettori usati; assicurarsi che la corda rimanga tesa per limitare eventuali cadute; evitare che tra l'ancoraggio e l'utilizzatore si formino allentamenti della corda.

5) AVVERTENZE. Il dispositivo è stato studiato per essere impiegato nelle condizioni climatiche normalmente sopportate dall'uomo (temperatura di utilizzo compresa tra -30°C e +40°C). Tutti i materiali e trattamenti sono antiallergici, non causano irritazioni o sensibilizzazione della pelle. Durante l'utilizzo è essenziale, per la sicurezza dell'operatore, che il dispositivo o il punto di ancoraggio siano sempre correttamente posizionati e che il lavoro sia effettuato in modo da ridurre al minimo il rischio di caduta e l'altezza di caduta. Verificare lo spazio libero richiesto al di sotto dell'utilizzatore, in corrispondenza della postazione di lavoro, in modo tale che, in caso di caduta, non vi sia collisione con il suolo o altri ostacoli presenti sulla traiettoria di caduta. Per migliorare le prestazioni dell'anticaduta, l'estremità inferiore della linea di ancoraggio flessibile deve essere sempre assicurata tramite un peso (2÷5 kg).

5.1 - Compatibilità. Verificare i punti di collegamento possibili all'imbracatura (Fig. 7), in quanto unico dispositivo di contenimento del corpo che può essere impiegato in un sistema di arresto cadute: come anticaduta (EN 353-2 e EN 12841-A); collegarsi ai punti di aggancio certificati EN 361, preferendo punti di attacco frontali; come risalitore (EN 12841-B) collegarsi ai punti di attacco EN 813; come regolatore di lancia (EN 358) collegarsi ai punti di attacco EN 813 per uso frontale o ai punti di attacco EN 358 per uso laterale. Per l'installazione della corda (in particolare linea di ancoraggio flessibile), si devono utilizzare esclusivamente punti di ancoraggio, conformi alla norma EN 795 (resistenza minima 12 kN o 18 kN per ancoraggi non metallici), che non presentino spigoli taglienti. Il dispositivo va utilizzato unicamente con corda di caratteristiche adeguate (Fig. 0). **Attenzione!** Non

