

# GRIZZLY

EN Controlled tree felling pulley  
 IT Carrucola da abbattimento controllato  
 FR Poulie d'abattage contrôlé  
 DE Lauffrolle zum kontrollierten Fällen von Bäumen  
 ES Poleas de demolición controlada  
 NO Blokk for kontrollert felling

MADE IN ITALY  
 NOT A PPE



**SKYLOTEC**

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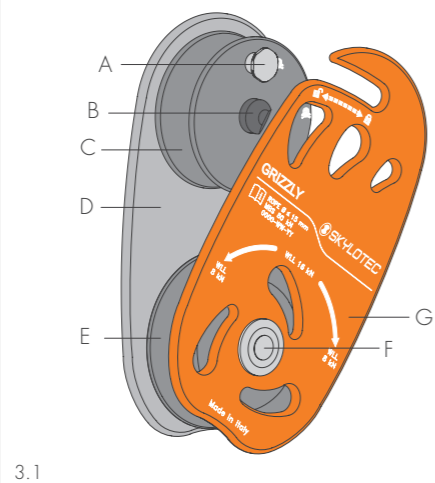
IST12-2P658SK\_rev.0 08-25

## 1 TECHNICAL DATA

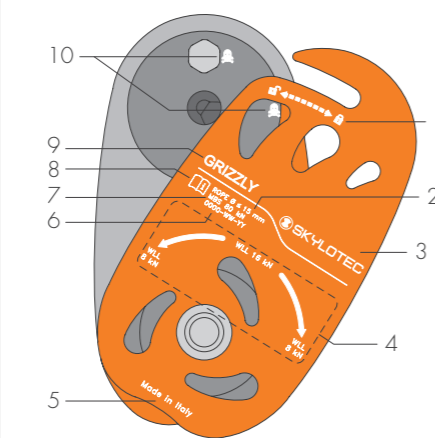
MODEL	GRIZZLY	ROPE	≤ 15 mm
REF. No.	2P658		
WEIGHT	914 g		
MINIMUM BREAKING STRENGTH (MBS)	80 kN 40 kN 40 kN	WORKING LOAD LIMIT (WLL)	16 kN 8 kN 8 kN

ATTENTION! THIS DEVICE IS NOT A PPE.

## 3 NOMENCLATURE / MARKING

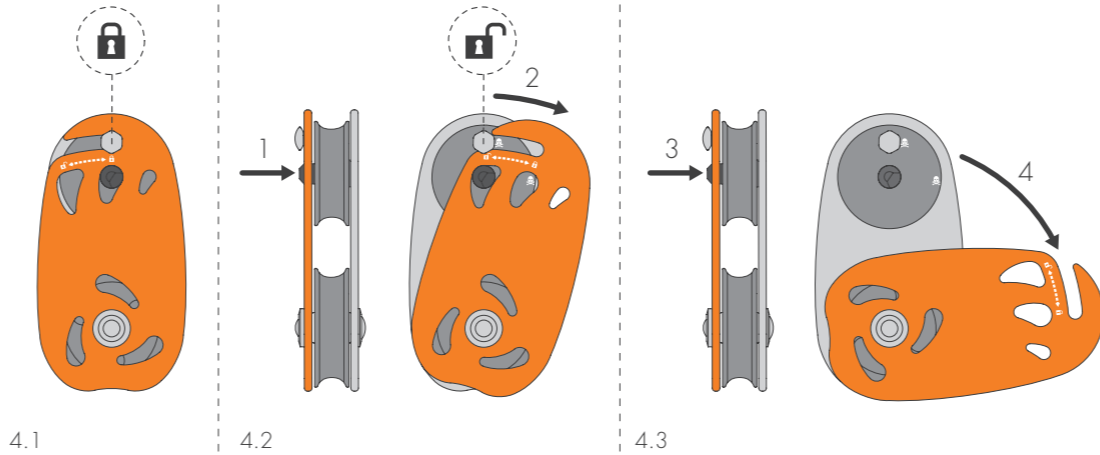


3.1



3.2

## 4 OPENING THE DEVICE

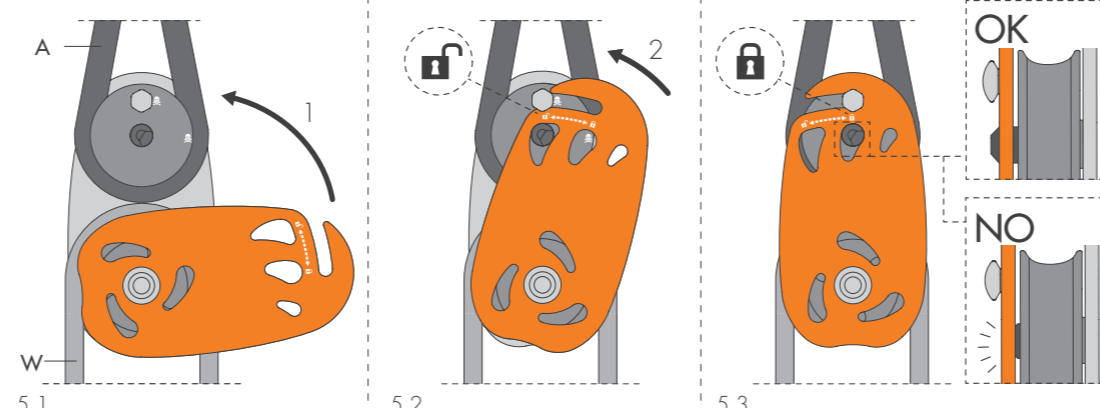


4.1

4.2

4.3

## 5 INSERTION OF THE ROPES

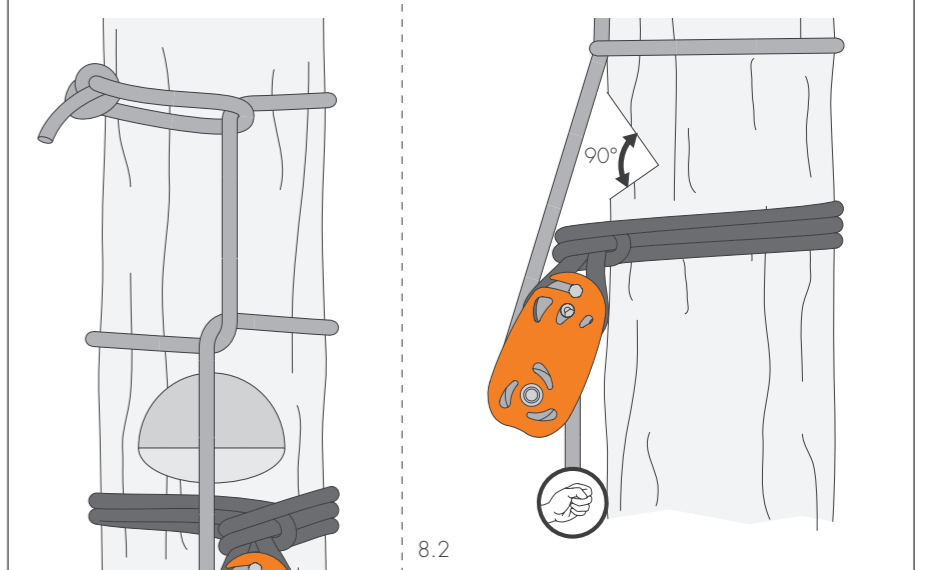


5.1

5.2

5.3

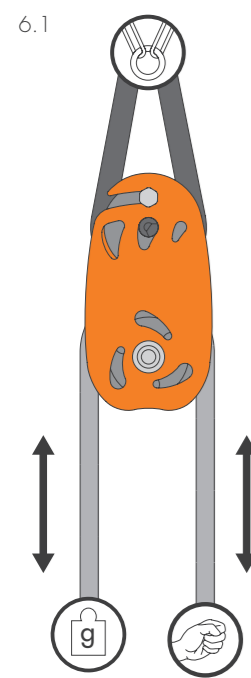
## 8 EXAMPLE OF POSITIONING ON THE TREE



8.1

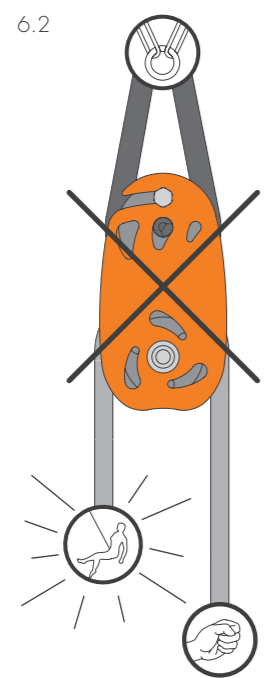
8.2

## 6 INSTALLATION OF THE SYSTEM



OK!

Attention!  
 Make sure the device allows the rope to slide freely in both directions.



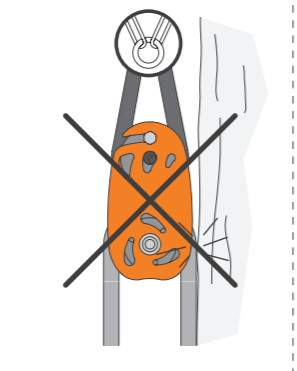
NO!

DANGER  
 Attention!  
 This product is not a PPE: it must not be used to lift or abseil persons under any circumstances.

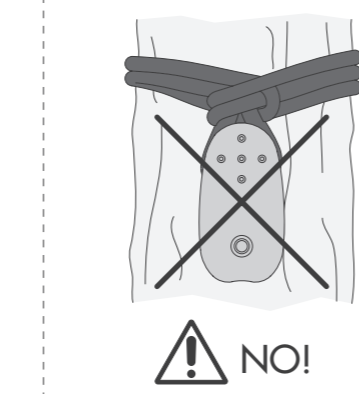
## 7 CORRECT AND INCORRECT POSITIONING ON THE TREE



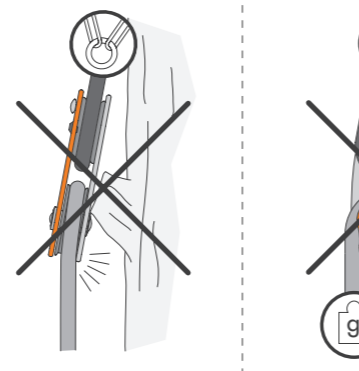
7.1



7.4



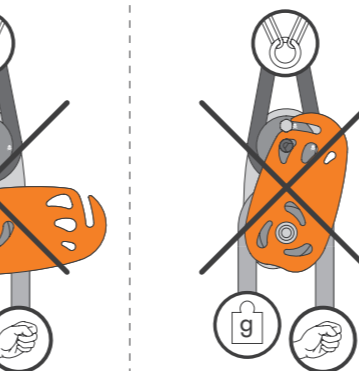
7.2



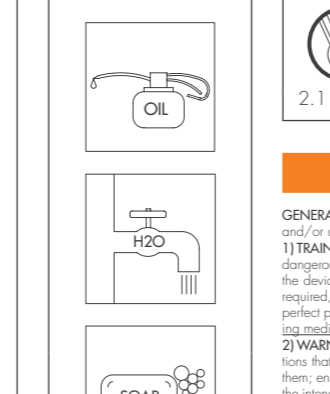
7.5



7.3



7.6



7.7

## 9 NOTES



## 2 LEGEND



## ENGLISH

**GENERAL INSTRUCTIONS.** For additional information, information in other languages and/or updated versions, please visit [www.climbingtechnology.com](http://www.climbingtechnology.com).

**1) TRAINING AND PHYSICAL FITNESS.** Activities related to the use of device are potentially dangerous and it must only be used by trained and experienced persons. Before using the device, it is essential to have received adequate training and instruction and, where required, specific training for the use of the devices; be familiar with the device; be in perfect psycho-physical shape. **Warning!** Consumption of alcohol or psychotropic substances, including medication that may alter perception, balance and concentration, is to be avoided.

**2) WARNINGS BEFORE USE.** Before usage, read carefully the general and specific instructions that must compulsorily accompany every device and ensure that you fully understand them; ensure that all equipment is in perfect operating conditions, that it is appropriate for the intended use and that all the elements and components are compatible with each other; check that the system is assembled correctly and that the various components work without interfering with one another. **Warning!** Always check that any ropes used are compatible with the system; in fact, some ropes can slide more or less depending on different factors (sheath structure, surface treatments, inadequate diameter, wet or frozen ropes). Pay careful attention to any damage that may occur on the ropes due to rubbing against abrasive or sharp surfaces. It is essential to make sure that the rope (and the other components) is free to slide well away from abrasive surfaces, sharp edges and other possible sources of friction. **Warning!** Do not use a device for activities that exceed its limitations or for uses that are different to those intended! Each individual is responsible for his/her own choices and actions: anyone who is not capable of assuming this responsibility must not use these devices under any circumstances. The responsibility of the manufacturer is limited exclusively related to manufacturing and the materials used. **Warning!** There are many incorrect or erroneous usage procedures and only the procedures indicated as correct are allowed. All other possible usage procedures must be considered forbidden. **Warning!** Never use a device whose complete history is unknown to you.

**3) MARKING.** The indications on the device can appear in different places depending on the dimension of the device. **Warning!** Do not remove labels or markings and check that these are all legible even after use.

**4) LIFE SPAN.** The actual life span of a device cannot be predicted precisely, as it is influenced by many factors (environment of use, weather factors, storage conditions, frequency and intensity of use, etc.). It can be limited even to just one use, where it is involved in an exceptional event (extreme temperatures, contact with harmful chemical agents or sharp edges, etc.). In case of doubts on the functioning and good conservation state of a device, do not use it and contact immediately your reference person of safety matters or the manufacturer.

**5) ELIMINATION.** Stop using the device immediately, if the result of the checks is not satisfactory; if you are not certain that the device is in a good condition; if it has been exposed to an exceptional event or a hard fall; even if there is no visible defect or degradation, its initial strength and resistance could be seriously diminished. **Warning!** Destroy discarded products to avoid any further use.

**6) TAMPERING AND REPAIRS.** Any alteration or tampering immediately voids the guarantee, and is forbidden as it can compromise the safety of the device itself. Repairs, where feasible, must be carried out exclusively by the manufacturer or by staff that has been

expressly authorised to do so by the manufacturer.

**7) LUBRICATION.** If needed, lubricate any mobile parts of the metal devices using only silicone based oil spray. **Warning!** An excessive quantity of oil encourages dirt and dust to stick. Remove any excess oil using a cloth. **Warning!** Check that the lubrication does not compromise the interaction between the device and the other components of the system (e.g. ropes).

**8) MAINTENANCE AND CLEANING.** Avoid contact with sources of heat, abrasive and sharp objects, corrosive substances or solvents. Wash with clean water and if necessary, add a small amount of neutral soap to remove persistent dirt; use a clean and non-abrasive cloth. To disinfect, use diluted ammonium salts according to the safety instructions provided with the product. If the devices is damp or wet, leave them to dry in the open air for from direct heat sources.

**9) STORAGE AND TRANSPORT.** For optimal storage, put away the devices completely dry at room temperature in well ventilated areas. Do not expose the devices to chemically aggressive substances, persistent dusts or dirt or environments with high concentrations of salt. During transport, avoid compressions, exposure to direct sunlight and contact with sharp objects. Do not leave the devices in the car or in closed environments that are exposed to the sun.

**10) GUARANTEE.** The guarantee is valid for 3 years as from the purchase date and covers for any manufacturing defect or defect in the materials used. The following are excluded from the guarantee: normal wear, inadequate maintenance and storage, incorrect or improper usage, unauthorised tampering or repairs, lack of observation of the instructions for use. The manufacturer declines all liabilities concerning the direct, indirect or accidental consequences, including any consequence that derives from the incorrect use of the devices, including correct use of the device in unsuitable situations that do not ensure proper safety levels.

**SPECIFIC INSTRUCTIONS.** This note contains the necessary information for a correct use of the controlled tree felling pulley for arboriculture. The device must be used exclusively in the field of application indicated (controlled dismantling of branches in arboriculture) and in full compliance with the permitted working load limit indicated by the manufacturer (WLL). **Attention!** This equipment is not a PPE (Personal Protection Equipment); this product may not be used to lift or abseil persons under any circumstances. A careful and thorough risk assessment must be carried out before use in order to ensure that the work can be performed safely and that other potentially safer means or equipment cannot reasonably be used. The device must be used exclusively with arboriculture ropes Ø ≤ 15 mm. **Attention!** Do not use with metal ropes, slings or chains.

**1) NOMENCLATURE (Fig. 3.1).** A) Locking pin; B) Button; C) Attachment point; D) Fixed side plate; E) Pulley; F) Rotation pin; G) Sliding side plate. Materials: side plate, button, attachment and pulley made of light alloy; pins and pivots made of stainless steel.

**2) MARKING (Fig. 3.2).** The following indications are reported on the equipment: 1) Pictogram indicating the correct closure position; 2) Diameters of rope that can be used; 3) Name of the manufacturer or of the person responsible for placing the product on the market; 4) Working load limit (WLL); 5) Made in Italy; 6) Batch number; 7) Minimum breaking strength (MBS); 8) Logo that advises the user to read the instructions carefully before use; 9) Product name; 10) Hazard pictograms indicating that the device is not closed.

**3) CONTROLS.** Before each use, check that: the device does not have signs of wear, cracking, corrosion or deformation; worn cables, ropes used, any stitching do not have cuts, signs of wear and tear, abrasion, corrosion or burns; the sliding side plate and the pulley are free to rotate unimpeded and without interference; there is no dirt or incrustation; the button does not jam; after being pressed the button always returns to the lock position; when the sliding side plate is moved to the working position (Fig. 5.3-5.4), the button snaps into lock position and sticks out of the sliding side plate; the pulley is free to be positioned in the expected direction of load application. **During each use,** always check the correct positioning of the rope inside the device (Fig. 7.1); prevent the pulley and the rope from leaning or rubbing on sharp parts and abrasive materials (Fig. 7.4-7.5); pay attention to frozen or muddy ropes and to any foreign bodies that may prevent the correct functioning of the system; regularly check that the device is functioning correctly and the other system components are properly connected and arranged; make sure the side plate is properly closed and locked (Fig. 5.3-5.4); ensure that the rope remains taut to limit the effect of the falling trunk. Check that the device allows the rope to slide freely in both directions (Fig. 6.1).

**4) INSTRUCTIONS OF USE. 4.1 - Installation.** Press the button down (1) and rotate the sliding side plate (2) clockwise until reaching the halfway position (Fig. 4.2). Press the button down (3) and rotate the sliding side plate (4) to complete the opening (Fig. 4.3). Insert the loop of the anchor rope (A) in the attachment point and the abseil rope (L) in the pulley (Fig. 5.1). Close the sliding side plate by rotating it anti-clockwise and snapping the button twice (Fig. 5.1-5.3). **Attention!** To check that the device is closed correctly, make sure that the button protrudes from the sliding side plate and that the latter is properly locked in the working position (Fig. 5.3). **Attention!** Do not use the device with the sliding side plate locked in the halfway position because the indicated loads are not guaranteed (Fig. 7.7). Do not use to lift or abseil persons (Fig. 6.2). Before use perform a functioning test on the device to check it has been correctly installed (Fig. 6.1).

**4.2 - Examples of use.** The figures 8.1-8.2 represent two examples of correct connection of the pulley to the trunk of the tree for controlled tree felling in arboriculture. The tree felling pulley should be positioned immediately below the cutting zone via the anchor rope. The work rope, previously inserted in the pulley, should be tied immediately above the cutting zone. The free end of the work rope should be fixed to the base of the tree using a braking system with which the operator can gradually stop the cut piece from falling and lower it to the ground. **Attention!** It is essential to consider the position of the pulley with respect to the trunk in order to be able to limit the effect of the falling trunk; in the event of side positioning, the pulley must be aligned to the axis of the notch (Fig. 8.2); in the event of frontal positioning, the pulley must be off-centre so that the rope in the direction of the load is aligned to the axis of the notch (Fig. 8.1). The position of the chosen anchor point is essential for safely stopping the fall and the operator must be certain that the chosen anchor point and all the system components have the necessary resistance to support the expected work load and all its unexpected load, including the loads that may arise during emergency situations. The system must be installed so as to avoid oscillations or unexpected and uncontrolled movements. It is essential that the system is sized, positioned and managed so as to reduce to a minimum the dynamic component generated by the piece being lowered of falling. **Attention!**

