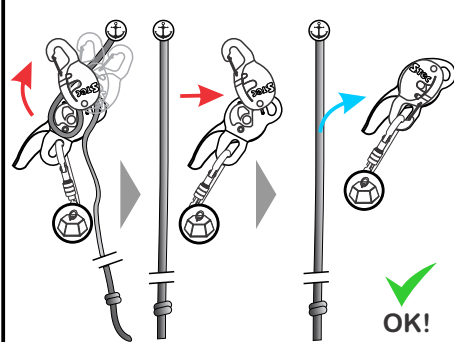


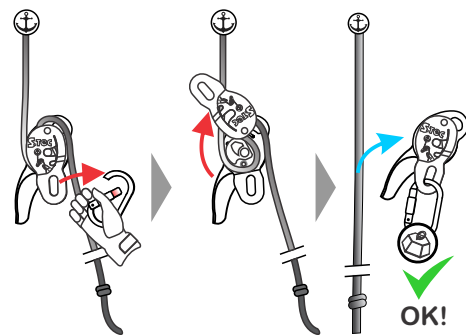
8 REMOVING THE ROPE

To remove the rope, verify personal safety, release any rope tension and open the side plate, this allows the rope to be removed. Model without the clip gate require the EVO to be removed from its karabiner.

MOD: D01 e 02



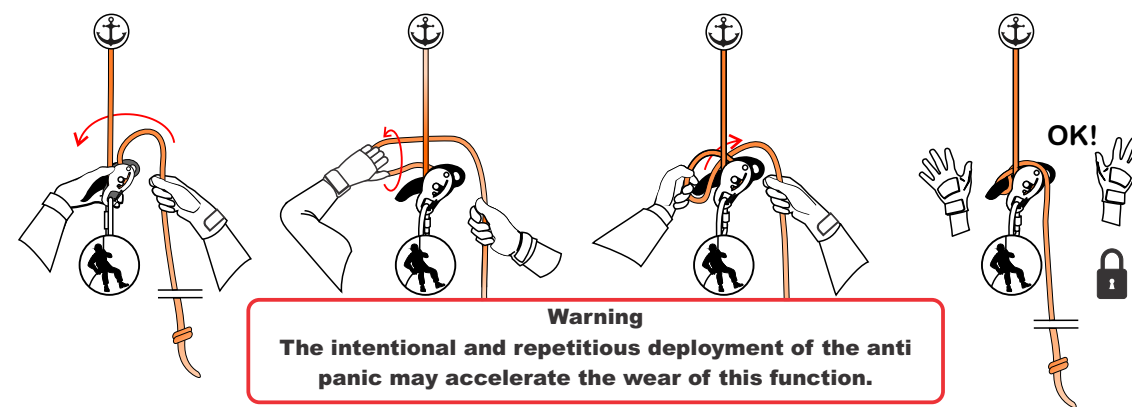
MOD: D03 e 04



To avoid accidental dropping of the EVO, always keep it secured to a suitable anchorage. The Directional Ring provides a connection for storage.

9 LOCKING-OFF

At all times, excluding during planned and controlled descent the EVO must be 'Locked-Off'. The Auto-Stop function of the EVO is not an acceptable way to leave the device when not descending. These diagrams show the locking-off. There is no requirement to use the panic lock function of the DO1 & DO3 models. It should not be used to lock-off.



10 MODELS AND FEATURES

EVO D01 (Industrial Bronze)

With all features the EVO D01 has: clip gate, Auto-Stop and anti-panic. Intended for professional use where the users require anti-panic and the clip gate to facilitates the installation and removal of the rope. EVO D01 has BRONZE moving side plate.

EVO D02 (Grey)

Evo with clip gate and Auto-Stop (NO anti-panic). Intended for professional use. Clip gate facilitates the placement and removal of the rope. EVO D02 has GREY moving side plate.

EVO D03 (Red)

Evo with Auto-Stop and anti-panic but with NO gate clip. Intended for use in professional fixed access systems and rescue systems where EVO is pre-installed ready for deployment . This model is ideal for use with the Rescue kits. EVO D03 has RED moving side plate.

EVO D04 (Blue) / (Black)

With no clip gate and no anti-panic this Auto-Stop descender is designed for use in vertical activities such as abseiling, , cascade waterfall descent, ravines and military rapide access. This model requires specialist training and can be used by competent military personnel and adventure activity participants. This model is intended for use in vertical sports, , adventure an military purposes. The EVO DO4 comes with either Blue or Black moving side plates.

11 GENERAL INFORMATION

Read and understand this manual prior to use and save for future reference. Only the techniques presented in this manual are authorized. Some examples of miss-use are included, these have a stripe or pictogram of a skull and should be avoided, these are some examples of miss-use, it is impossible to foresee all ways equipment can be miss-used and users should never use equipment in ways that are not 100% verified prior to being used to provide personal safety, in case of doubt contact SafeTec. When any doubt exists regarding its efficiency equipment must not be used.

Rope Condition: wear, wetness and contaminants will affect the performance of the EVO. Some rope conditions will make control and locking of the EVO more difficult e.g. oil & grease. The effective operation of the EVO should be monitored and checked in all conditions. Where any performance doubt exists, the EVO should not be used.

Sea Water: it is essential that this Duck-R is cleaned as soon as practicable after each exposure to sea water or saline environment.

Chemical reagent: avoid contact with any substance or material that may causes corrosion or other damage to the any material or working action of the device. If contact occurs consult expert advice as to damage and decontamination requirements. Inspect prior to any re-use.

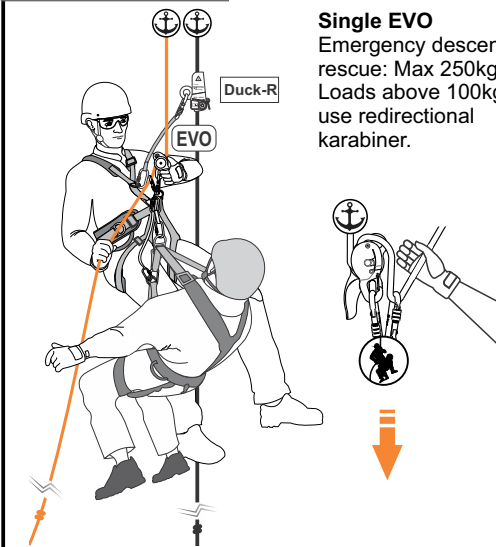
Maintenance: the EVO is not user maintainable without prior authorization from SafeTec with the exception of disinfection, cleaning and lubrication as detailed in this manual.



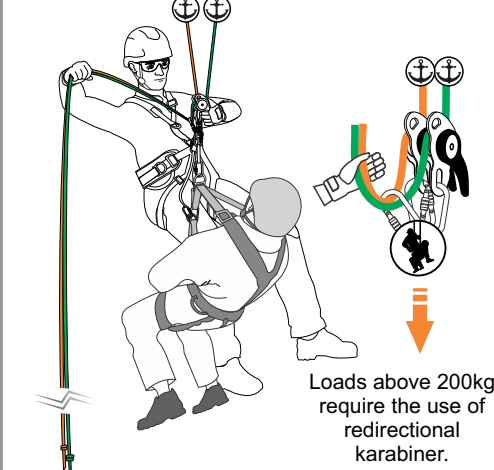
Additional Applications and Information

Other Users: The EVO has been used for applications tha are outside the scope of EN 12841C and the CE mark attached to each device. The design of systems, planning and verification of system suitability for the specific intended applications is the responsibility of the user, all anchorages must be suitable for any load. Competence is required for all applications, additional safety measures must be implemented during training exercises, this must include the close supervision by competent instructor. Users must consider all sections of the user manual. All installed devices should be independently function checked with suitable back-up in place prior to any rope operations.

DESCENT RESCUE



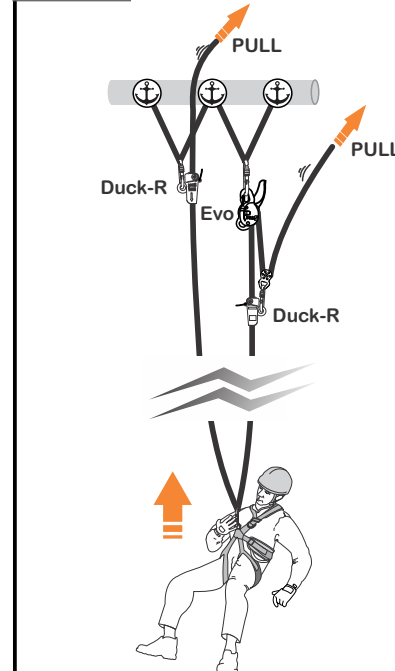
Double EVO Emergency descent rescue: Max 280kg evenly distributed between the EVOs.



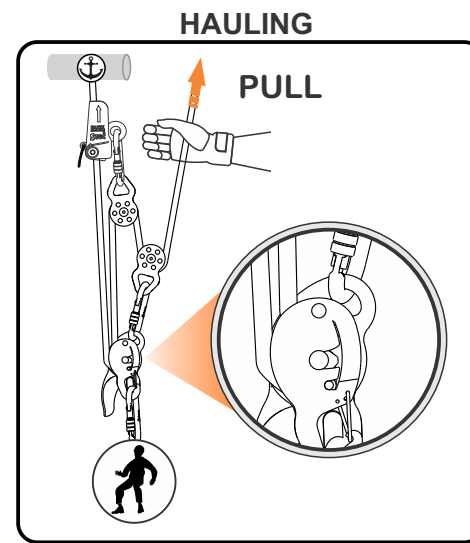
Wherever possible the use of an independantly controlled back-up syssem,is recommended e.g a top rope system operated by a second recue team member or a 3rd rope with a 2nd Duck-R as additional back-up.

The use for rescue must only be carried out by person with appropriate training.

HAULING



Hauling of loads should not exceed 140kg per EVO. Use Double EVO system for loads up to 280kg.

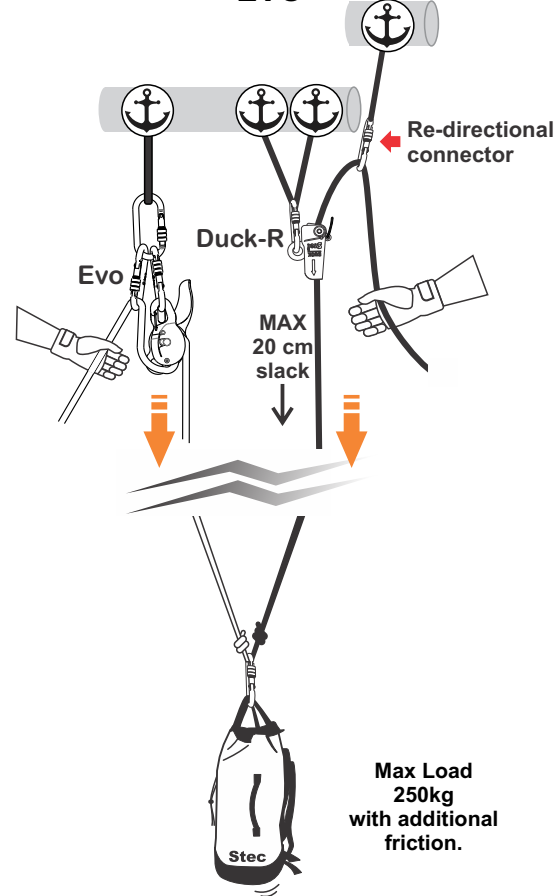


The EVO can be used in hauling systems where it is attached direct to a anchor system used to provide anti-return locking.

LOWERING / RESCUE

Lowering of loads should not exceed 250kg single EVO or 280kg double EVO. Additional friction e.g. re-directional karabiner should always be used

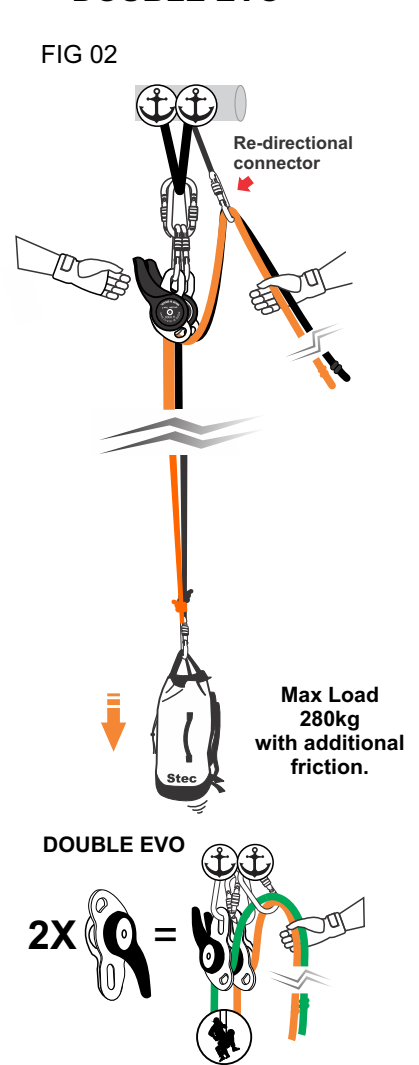
FIG 01



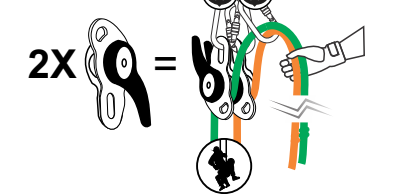
MASS / EVO

- 1- Test Mass (EN 1284-C) 100 Kg.
- 2- Max recommended load 250 Kgf.
- 3- Slippage Load = 400 Kg.
- 4- Minimum Breaking Load 2500 Kgf.

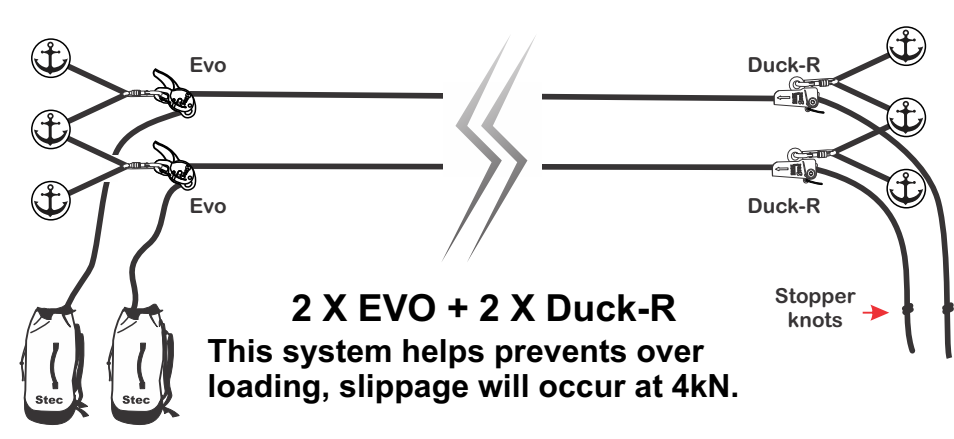
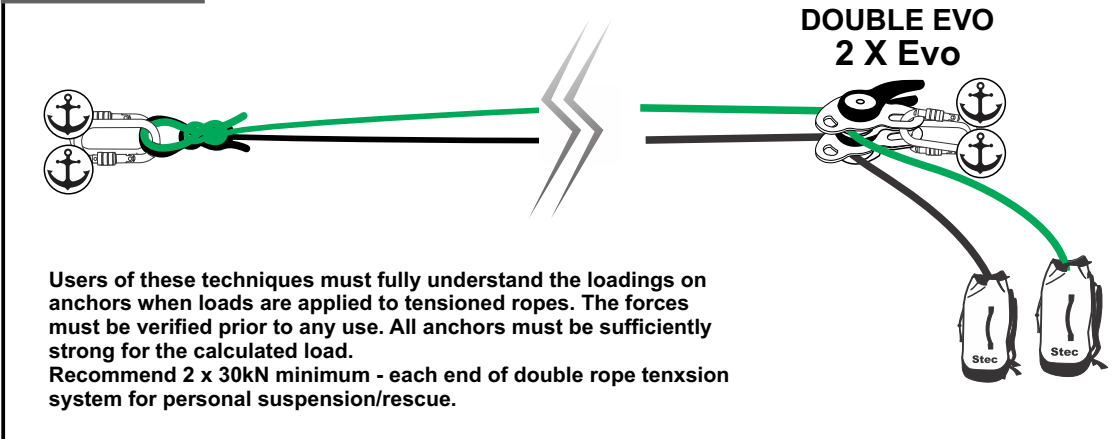
FIG 02



DOUBLE EVO



TENSION SYSTEM



2 X EVO + 2 X Duck-R
This system helps prevents over loading, slippage will occur at 4kN.