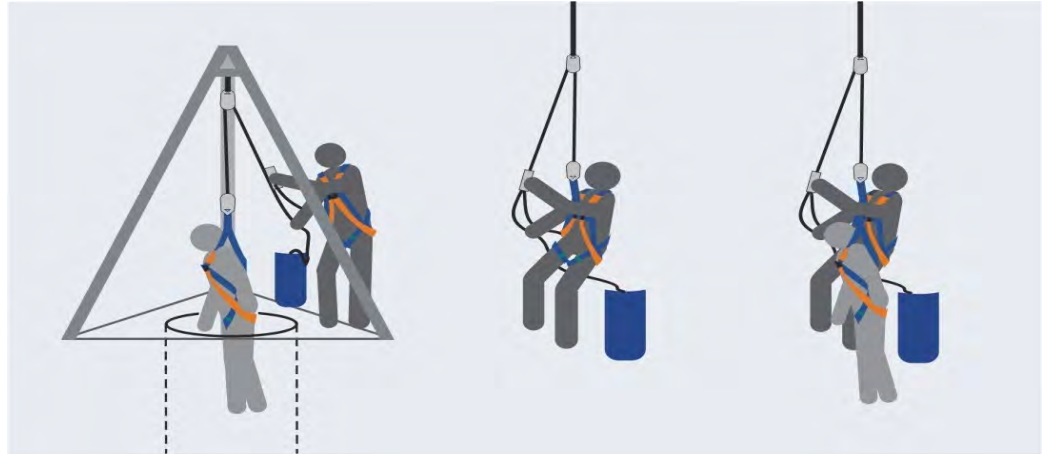


Universal Rescue System

Rescue * Assisted lowering * Assisted lifting * Individual rope access applications * Maintenance * Inspection

The FB Universal Rescue System has a large range of uses and can be used as assisted lowering, individual rope access operations, maintenance and inspection, and in conjunction with a vertical life line or controlled descent and rescue.



Standard System Variations

- 25m system Art. No. FBR001
- 50m system Art. No. FBR002

The system contains two double friction pulleys, 11mm Kernmantle Rope. The system is pre-rigged and is ready for use straight out of the bag. The system allows the operator optimum ease and efficiency, with the ability to raise and descend loads with minimum effort, due to the configuration of a 4:1 mechanical advantage.

Specifications

| <u>Component</u> | <u>Description</u> | <u>Standard</u> |
|---|---|-----------------|
| Karabiner (2) | 22kN Screw gate karabiner | En 362 |
| Swivel Karabiner (1) | 25kN Swivel screw gate karibiner | EN 362 |
| Rope | 11mm Kernmantle Rope | EN 1891 |
| Upper and Lower Anti-Reversing Double Pulley | Double pulley with anti-reversing sheaves | EN 12278 |
| Right handed Ascender | Rope ascender with large hand grip/handle | EN 567 |
| Anchor Sling | Tube sling with wear sleeve | EN 795 |
| Rescue Pole | Telescopic rescue pole with Scaff Hook cradle | - |
| Carrying and storage Bag | PVC carrying and storage bag | - |

Universal Rescue System

Rescue * Assisted lowering * Assisted lifting * Individual rope access applications * Maintenance * Inspection

Thank you for purchasing the FallBREAK Universal Rescue System. Kindly read this instruction manual to optimize the performance and user experience of your FallBREAK Universal Rescue System.

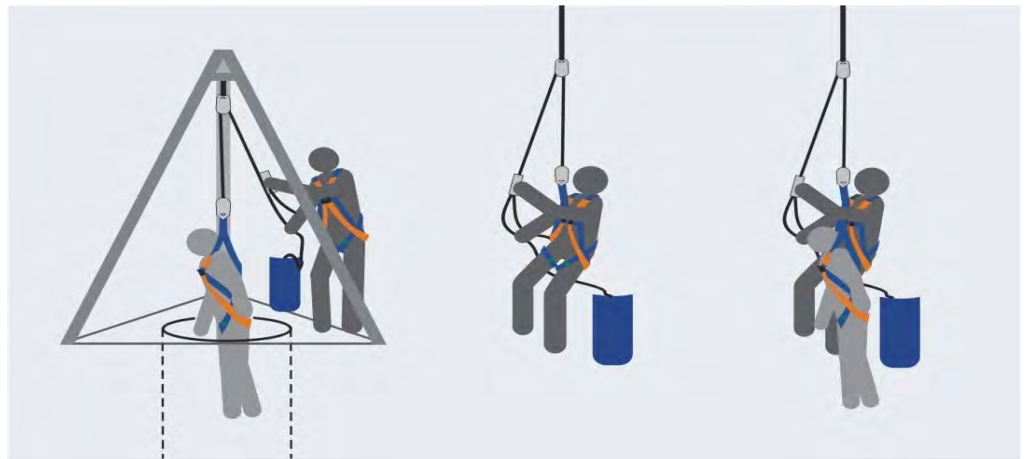
WARNING!

THESE INSTRUCTIONS ARE PROVIDED WITH THE INTENT TO BE READ BY THE USER AND MANAGEMENT, FAILURE TO DO SO COULD RESULT IN INJURY OR DEATH.



Application

This System has a large range of uses and can be used as assisted lowering, individual rope access operations, maintenance and inspection, and in conjunction with a vertical life line or controlled descent rescue.



System Variations

- 25m system Art. No. FBR001
- 50m system Art. No. FBR002

The system contains 11mm Kernmantle Access Rope. The system is pre-rigged and is ready for use straight out of the bag. The system allows the operator optimum ease and efficiency, with the ability to raise and descend loads with minimum effort, due to the configuration of a 4:1 mechanical advantage.

Specifications

| <u>Component</u> | <u>Description</u> | <u>Standard</u> |
|--|---|-----------------|
| Karabiner (2) | Screw gate karabiner | En 362 |
| Swivel Karabiner (1) | 25kN Swivel screw gate karabiner | EN 362 |
| Rope | 11mm Nylon and Polyester Kernmantle Access Rope | EN 1891 |
| Upper and Lower Anti-Reversing Souble Pulley | Double pulley with anti-reversing sheaves | EN 12278 |
| Right handed Ascender | Rope ascender with large hand grip/handle | EN 567 |
| Anchor Sling | Tube sling with wear sleeve | EN 795 |
| Rescue Pole | Telescopic rescue pole with Scaff Hook cradle | - |
| Carrying and storage Bag | Nylon/PVC carrying and storage bag | - |

Operating Instructions

Prior to use one should engage in practical training in a safe environment, by a qualified instructor often the manufacturer or manufacturer representative. The system is capable of supporting a maximum load of 272 kg/600 Lb.


Anchor

The user is responsible for selecting an appropriate anchor point which shall be able to support a minimum of 2000 lb (22kN). For optimal performance select an anchor directly over the working area or opening.

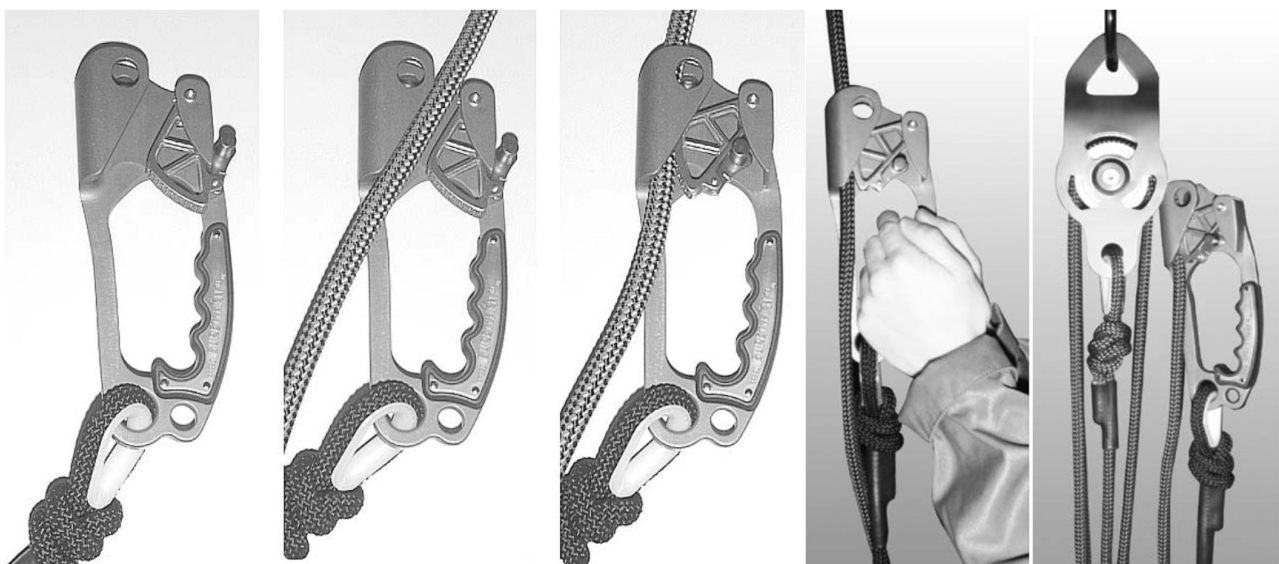
Fall Protection and PPE

Fall protection and other PPE should be used in conjunction with the Universal Rescue System, for example certified lifelines, harnesses, lanyards, hard hats, hand and eye protection, to comply with local and national standards.

Attaching the Ascender

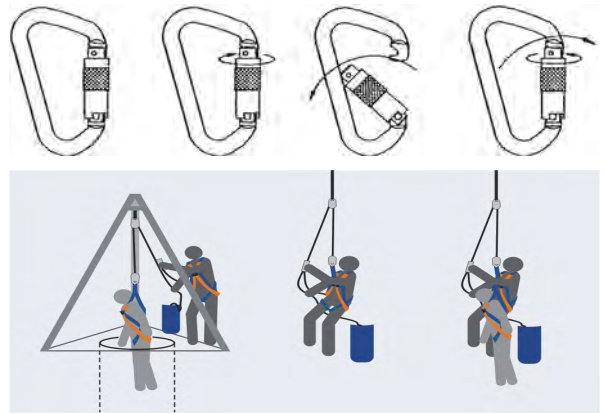
 **WARNING!** No person or load should be attached or suspended from the system prior to attaching the ascender to the operating rope.

Follow the illustrations below:



Attaching The Load with a Karibiner

The load (maximum 272 kg/600 lb) can be attached to the VertiGo "R" using the Karabiner attached to the lower anti-reversing double pulley, as illustrated:



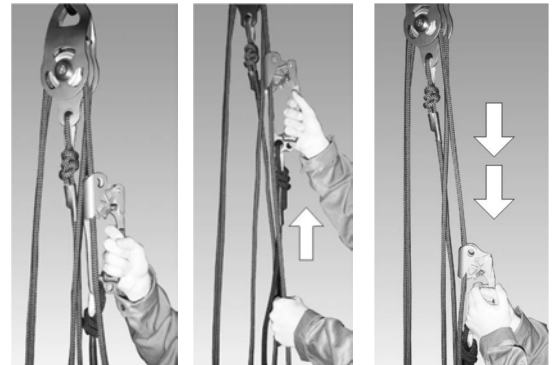
Attaching The Load with a Snap Hook and Rescue Pole

The load (maximum 272 kg/600 lb) can be attached to the VertiGo "R" using a snap hook attached through a Karabiner, which is attached to the lower anti-reversing double pulley. Extend the pole lowering the snap hook to a harness D-ring or other sufficient attachment point, hook the attachment point by pulling the pole upwards.



Lifting The Load

Attach the ascender to the operating rope near the top pulley. Grab the ascender and pull downwards. Grasp the rope below and slide the ascender upwards to repeat the lifting process.



Lowering The Load

Grasp the operating rope below the ascender. Pull back the cam assembly with your thumb. While holding the cam assembly away from the rope with your thumb, allow the rope to slide through your other hand situated below the ascender. The rate of descent can be controlled by tensioning or un-tensioning your hand.



Inspection

The system must be inspected by the user prior to each installation, and additional inspections should be undertaken by a competent person at intervals of not more than one year. Such inspection must be recorded on the "Inspection Checklist".

Inspect the system prior to use and each time the system is moved to a new anchor point. Inspect for any evidence of cuts, wear, fraying, grease, oil, glue, tar or any other conditions which may compromise the integrity or safety of the system. Inspect the pulleys, the rope and knots and thimbles.

Maintenance and Storage

The system should be stored in a clean, dry area out of the weather, free from excessive heat, steam, harmful fumes and corrosive agents.

Any equipment which is scheduled for maintenance or inspection must be removed from service, labeled and tagged "do not use".

Warnings



THESE INSTRUCTIONS ARE PROVIDED WITH THE INTENT TO BE READ BY THE USER AND MANAGEMENT, FAILURE TO DO SO COULD RESULT IN INJURY OR DEATH.

- This system must only be used by competent and trained individuals who have received appropriate training.
- Use approved anchor points which meet local and national regulations.
- Ensure that all karabiners and latches are secured and locked before use.
- Protect the rope from sharp and abrupt edges, and ensure that the entire length of the rope is free from knots, twists and any other physical or chemical damage.
- Use only approved rope and components with the system.
- Do not make any modifications to the device or its components.



FIREBREAK SA

14 COMBRINCK STREET, ALRODE, ALBERTON 1451

Tel No: +27 11 908 6960 | Email: enquiries@firebreaksa.co.za

Website : www.firebreaksa.co.za