

Product information for “Fast Access”

Rescue and Evacuation automatic descender and lifting device.



A fast and effective rescue and evacuation system for work at height or confined spaces. System can be tailored to your requirements.

Description:

Automatic descending and lifting device.
EN 341-2011 Class 1A (100kg) Class 2B(200kg)
EN 1496-2006
Max load 200kg (2 persons)
Min load 50kg
Max height/load on descent 48x160m, max load 100kg
Max height/load on descent 5 x 160m, max load 200kg
Max descent speed 0.8m/s loads up to 100kg. Increasing up to 2m/s as load is increased
Max lift height—30m



Fast Access with double lifting ratchet

Descent controlled by centrifugal breaking with the option of additional friction via open eyelets to give fingertip control of descent speed.

Lifting by mechanical advantage through the extendable ratchet levers.

Ascent speed varies with human performance. Typically the Fast Access will provide fast lifting speed due to having 2 lifting ratchets.

Application:

For rescue and evacuation when working at height or in confined spaces.

Evacuation of one or more persons from one level to another by descend or lifting.

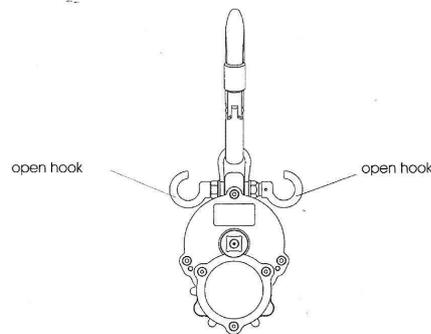
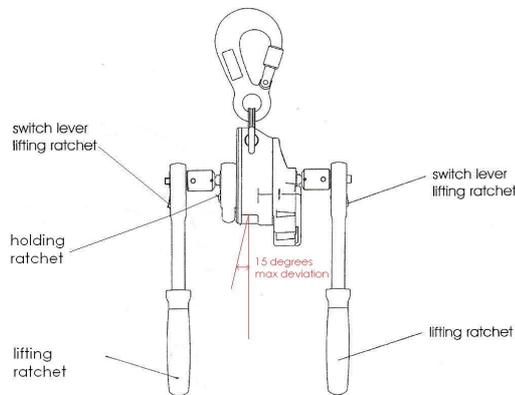
Retrieval of a person who is suspended after a fall.

Extraction of persons from confined spaces.

Ideally suited for wind turbines, offshore installations, power stations, bridges and other structures.

IMPORTANT: These products must not be used as fall protection PPE. There must be no shock loading of these devices. Always use a back up fall arrest system during all training applications that constitute working at height.

FAST ACCESS Double lifting ratchets.



Rope length:

The rope is 9mm or 10.5mm in diameter and of kernmantal construction. Use of approved ropes only. Ropes must only be changed by Getmie Safe or one of their approved service partners.

Maximum rope length 160m. This is the maximum permitted descend height at the full load of 200kg.

Consideration should be given to the required rope length for your application.

For eg: when using the device for multiple person evacuation you should calculate your max drop and add approx 5m. Having too much rope will hinder the changeover speed due to time being wasted taking the slack out of the system in preparation for the next descent.

Descent Energy Maximums:

After having reached the descent energy the manufacturer or a competent person must test the equipment. The descent energy is reached when the equipment was subjected to the following loads:

User weight 100 kg – 48 x 160m

User weight 200 kg – 5 x 160m

Maintenance, storage and repair:

The devices should be stored in a dry ventilated room away from heat sources and direct sunlight. Avoid exposure to acids, corrosive fluids, oils and other chemicals. Contamination of the braking system or the rope by oils and other lubricating fluids will effect the integrity of the device and may result in serious or fatal injury.

Refer to chemical data sheets for any contamination and report to the manufacturer. Any contaminated products must be removed from service.

If stored outdoors protection from environmental factors must be put in place.

The inspection period for the products is annually. However a six month check must be carried out by a competent person to assess the condition and safe function of the device. Pre-use checks should be carried out prior to each operation and after each training session. These checks must include a visual inspection and function test.



Repairs may only be executed by the manufacturer or a person authorised by the manufacturer strictly following the instructions for repair.

Extended period of validity and inspection:

Products can be provided in sealed packaging with desiccant and a clear plastic window with a humidity indicator inserted. This can extend the period of service to five years. A six month check of the packaging must be carried out to assess the condition of the packaging and monitor the moisture content indicated on the humidity indicator.

To prevent unwanted damage during extended periods of storage or for use in harsh environments we recommend that devices are stored in hard weatherproof containers.



Compatibility:

Connectors:



EN362
Scaff Hook



BIG BOA

Getmie Safe products are compatible with a range of EN362 connectors to suit your specific anchorage requirements. This ranges from scaffold type connectors to safety triloc karabiners. Only use EN362 connectors that are approved and fitted by the manufacturer.

We recommend use of the DMM Big Boa triple action safety twistlock karabiner for connection to the rope. This is the only connector that is compatible with our telescopic rescue pole.

Long reach rescue pole:

There is a choice of various telescopic poles ranging from the Compact to the Industrial XL with an extended length range from 3.66m to 5.49m.

The pole allows the device to be attached to a casualties harness from a safe and secure location or to locate an out of reach anchor.



Other products:

Although other products such as rope or wire grabs may be suitable for use with our devices the user must check with the relevant manufacturer to ensure their product is fit for purpose and meets the relevant standards and that it may be used in conjunction with rope type rescue devices.

Getmie Safe assumes no responsibility for end users selection of non approved accessories.

Harness selection:



A full body harness with work positioning capabilities is recommended for extended use, for eg: lowering a member of the response team to a casualty for assessment and/or retrieval.

Only use harness types that conform to the relevant standards.

When using the products for evacuation it is recommended to use the front attachment of the harness.

Anchorage:

The device should be anchored to a point approved for a minimum loading conforming to EN795.

The anchorage point should provide, as close as possible, a vertical descent path with no obstructions. If this is not practical the rope may be deviated through a pulley with a separate anchor to achieve better positioning. Always anchor the device in a way that eliminates the risk of dynamic loading of the system. Overhead anchorage points are proffered where possible.

Avoid sharp edges and hot surfaces. Use suitable edge or rope protection to eliminate the risk of abrasion.

Only use EN362 connectors, EN795 anchors and pulleys that are approved for use with the system. Always check with the various manufacturers guidelines and instructions for product compatibility and limitations of use.



Training:

Training must be provided to all end users in the safe operation of the system or the component parts they will be using. A back-up system must be utilized during all training exercises that involve working at height, descent or ascent.

Getmie Safe provide training at various levels from basic "No Risk" rescue and evacuation (using the long reach telescopic rescue pole) to complex rescues including ascending and descending to and with a casualty.



Courses can also be tailored for extraction techniques as required for confined spaces and difficult restricted access.



Due to the versatility of the system it is possible to base course content on client specified requirements.

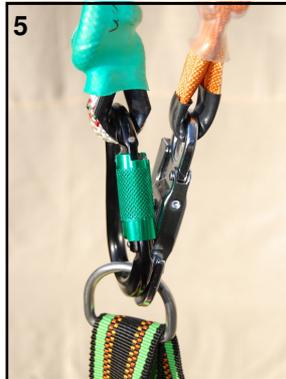
Sample Instructions for rescue pack

Locate the rescue pack as near to the job as possible and inform all team members of location



1 Hang device on an anchor point or suitable load bearing coupler above or as close to the casualty as possible.

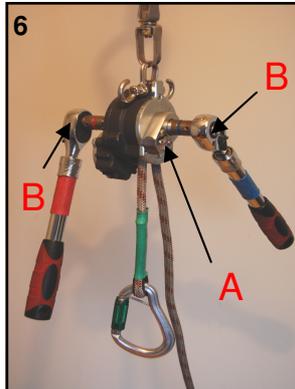
Anchor point minimum load carrying capacity according to EN795.
Pay out enough rope To reach casualty +1m



5 Ensure connection is to the anchor point
On the harness and not the webbing.



2 If able, the casualty can attach the rope to the anchor point on their harness.
Use front anchor point if available, if not, use the rear anchor point.



6 To lift the casualty,
Switch the holding ratchet (A) and both lifting ratchets (B) to lift mode and start to recover the casualty.

The handles of the lifting ratchets can extend for heavier loads.
(max load 200kg)



3 If casualty is unable to attach themselves to the system, attach karabiner to the head of the 5.49metre extendable rescue pole.



7 To lower the casualty,
Remove their lanyard.

Take the loose end of rope up and through the open eyelet (C).

Using the red lifting ratchet to hold the load, switch the holding ratchet and blue lifting ratchet to descent mode.

Hold loose end of rope taught then switch the red lifting ratchet to descent mode.
You can now lower casualty.



4 Extend pole, reach down and attach the karabiner to the main anchor point on the casualties harness.
Once located you can pull away the pole.

- You may need to release the casualties lanyards in order to recover them. Ensure the connection to the rescue system is secure prior to removal of lanyards.
- If a suitable anchor can not be located above or within 30 degrees of the casualty the rope can be redirected through a rescue pulley to prevent a pendulum effect (unwanted swing that could harm the casualty)
- Avoid pulling or lowering the casualty through obstacles. A direct line of retrieval is preferred wherever possible.
- If lowering a person to retrieve/assess the casualty, use an appropriate work and rescue sit harness.
- The rescuer being lowered must connect the casualty to the device rope, not to their own harness.

ONLY TO BE USED BY SUITABLY TRAINED PERSONS

Sample Instructions for rescue pole

5.49m Rescue Pole with Big Boa Karabiner.

To extend the pole, twist each section clockwise to release then extend to desired length. Lock each section by twisting the upper section in an anticlockwise motion. Do not use excessive force as this may damage the locking mechanism.



Place the karabiner into the head of the pole and secure the gate in an open position with the retaining spring.

Ensure the spring is located on the textured section of the gate.

Hold both the rope and the pole when reaching down to the casualty.

Ensure connection to the correct anchor point on the harness. This may vary for type and must comply to the manufacturers instructions for suitable anchor points.



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Instructions for use of Fast Access with Tripod

Tripod I-D No.

Customer.

Date Of Issue.



Only Tripods that have been approved for use with the Fast Access device may be used in this configuration. The adaptors for this device is not compatible with other tripods and modification of any component parts is strictly forbidden.

Training must be given to all users of the system.

Please read the following fitting instructions carefully and refer to the separate instruction manual for use of the evacuation and rescue device provided with that product.

The tripod is supplied with two anchor points at the apex. One for the user and one for the rescue device pulley. Both anchors are EN 795. The tripod has a maximum loading of 500kg.

Step 1

Erect Tripod and secure Stabilising wires .



Step 2

Attach the adapter to right hand side of the leg.



Step 3

Fix the lower clamp to the leg.



Step 4

Secure the lower clamp by pushing the lever flush into the fitting.



Step 5

Repeat steps 3 & 4 for the upper clamp.



Step 6

Insert the rescue device into the retaining bracket.



Step 7

Secure the device with a retaining pin and tighten.



Step 8

Attach the lifting ratchets to the device.



Step 9

Run the load rope through an approved pulley at the apex of the tripod and down to the casualty.

