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JACK in Rescue







JACK in Rescue – Two-Person Accompanied Descent

This document outlines the specific properties of the products used and is not intended to provide a comprehensive explanation of all techniques involved.

This document provides supplemental information to the Instructions for Use. It is essential to read and thoroughly understand these instructions first.

You may only perform these techniques safely if you have been properly trained or are under the constant supervision of a competent, trained person.

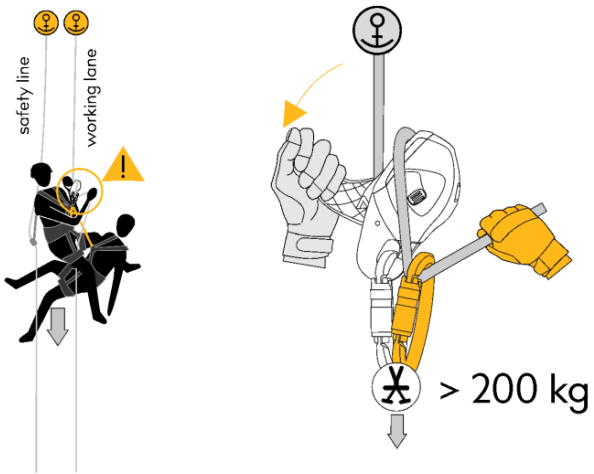
The JACK descender is certified as Personal Protective Equipment (PPE), meaning it is primarily intended for use by a single person.

Beyond its standard application, extreme emergency situations may occur where evacuation time is crucial. In these specific cases, the JACK descender may be used for a two-person accompanied descent.

This descent may be done with one JACK descender together with one LOCKER back-up device equipped with LOCKER LINK. For further information about the LOCKER read its Instructions for Use and technical notice LOCKER in Rescue.

The JACK descender meets all requirements of EN 12841 for loads up to 200 kg. Additional testing was done with a brand-new JACK descender and a brand-new STATIC 11 rope. These tests indicate that loads up to 400 kg do not damage the device or the rope during a single descent. Even at these extreme loads, the operator can still safely release the device and maintain full control over the descent.

While the use of an extra friction carabiner is not mandatory for loads up to 200 kg, it is highly recommended, as it ensures smoother and safer operation. Always use an extra friction carabiner for loads exceeding 200 kg. Use moderate descent speed to avoid descender overheating.



Descending performance of the JACK descender depends heavily on rope specifications (diameter, type, and condition) and the wear of the descender itself.

Using a worn JACK descender with certain rope types and heavy loads may lead to rope slippage, resulting in uncontrolled descent.