



Description / Description :

The descender is a controlled-speed evacuation device. It is designed to evacuate either one person (up to 150 kg) for a height of up to 400 meters or 2 persons (up to 225 kg) for a height of up to 200 meters. The system allows for sequencing several consecutive round-trip descents, thus making it possible to descend groups of persons, while monitoring the maximum number of consecutive descents authorized.

The descender is designed for use on sites located at heights which could require emergency evacuation, such as wind turbines, aerial cable cars, derricks, etc.

The Tractel® Derope™ range can be used at temperatures between +50°C and -35°C.

During the utilization the speed of coming down is stabilized 2 meters maximum by second per one load of 30 Kg to 225 Kg

The descenders are also intended for use by rescuers in hazardous environments, in particular this version which is equipped with a winch for rescue by upward evacuation.

Derope™ UP B is a descender associated with a big support bracket for ladder.

Option / Option :

For a single descent:

- The maximum load is 225 kg for a maximum descent height of 200 meters,
- The maximum descent height is 400 meters for a maximum load of 150 kg.

For repeated descents, use of descender is limited for load, descent height and number of repeated descents as indicated in the table below

		Maximum number of repeated descents			
Descent height		< 50 m	< 125 m	< 200 m	< 400 m
Utilization load	Less than 100 kg	60	24	15	7
	Greater than 100 kg and less than 150 kg	20	8	5	2
	Greater than 150 kg and less than 225 kg	6	2	1	Prohibited

Matière :

The following materials are used :

body and winch: Aluminum.
Mechanism : Zinc-plated steel.
Rope : Polyamide.
Weight: 6.1 Kg

Certification CE / CE Certification :

- N°: 0082/352/160/03/09/010124
- Organisme notifié / notified body : APAVE (N°0082).

Normes / Norms :

- EN 341 A: 2002
- EN 1496 A : 2006