

Application

The Derope™ descender is a controlled speed of descent evacuation device. It can either evacuate an equipped person (up to 150 kg) over a maximum height of 400 metres or 2 equipped people with a total weight up to 225 kg) to a height of up to 200 metres. It reduces the time to evacuate a group of people by sequencing several consecutive runs back and forth. The maximum number of consecutive descents depends on the evacuated weight and evacuation heights; you must make sure that you do not exceed the maximum number specified in the manual.

The Derope™ is designed to equip working places located at height and that might need emergency evacuation, such as wind turbines, cable cars, derricks, etc. Derope™ descenders are intended for use by rescuers in a hazardous environment, in particular the four versions Derope™ UP A - UP B - UP K - UP R, equipped with a rescue lifting wheel.

Physical and operational description

The new Derope UP. 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 150 meters. The system allows for consecutive descents, thus making it possible to descend groups of people. The number of successive descents depends on the height of the descent and the weight of people evacuated.

The rescue winch handwheel can be used manually or with a drill mounted on the pin. The drill must have a minimum power to lift a person weighing 120 kg and their equipment through the entire length of the halyard. (300 W mains operated drill or 18 w for a rechargeable drill).

Normes

Conform to EN 341 A/ EN1496A

Models

Code No.	Description
194169	Derope™ UPA CE
194179	Derope™ UPB CE
194189	Derope™ UPR CE
194199	Derope™ UPK CE
The end kit lanyard is comprising: two M10 or M22 connectors, 2 shrink sleeves, a label holder, a label indicating the length of the halyard.	
050952	End kit with M10 connector
110020	End kit with M22 connector
050962	Metre of halyard 10.5mm

Option :

- The plastic reel for up to 70 meters halyard eliminating any risk of entanglement or on the halyard knot formation. code: 067402
- A steel reel for up to 150 meters halyard eliminating any risk of entanglement or knot formation on the halyard code: 067412



Derope™ UP B

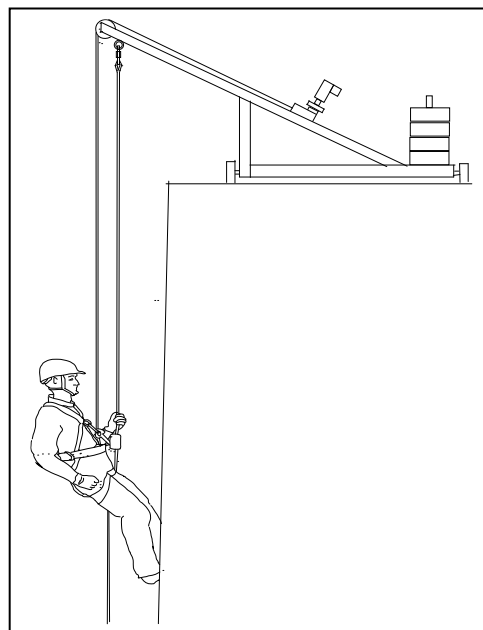
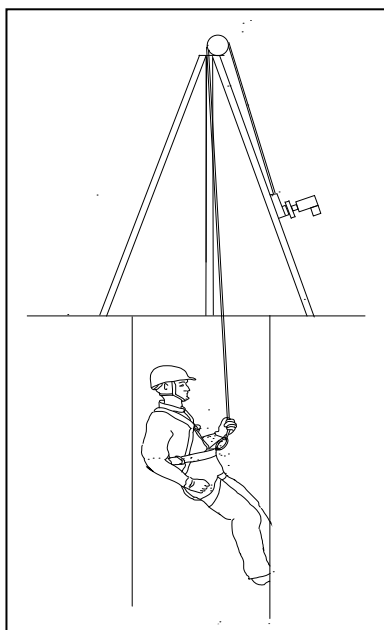
Derope™ UP K



Derope™UP R

The new Derope™ UP descender, used with a cordless drill, is a substantial improvement of the product that opens many perspectives:

- With a drill, the new Derope™ R UP descender, designed to be fixed on the leg of a TRACTEL® Tracpode® can quickly raise a person over a great length in case of emergency operation or vertical movement. So this product could target companies that operate in silos, in storage cylinders, in tanks, in manholes etc.
- The new Derope™ UP descender can be used for the upward movement of rope access technicians to a great height without effort. It is therefore appropriate to target window cleaners, poster installers and aerial installers for this new product.



Rescue operation

Rope access operation

Commercial designation	DEROPE™ UP A
Weight (kg)	3,0
Dimensions (mm) (h x l x d) for info	225 x 200 x 165
Recovery winch	yes
Force on handwheel handle	5 kg
Standards	EN 341 classe A + EN 1496 classe A
Descent speed	Between 0.5 m/s and 2 m/s
Commercial designation	Tractel® rope, diameter 10.5 mm

For repeated descents, use of the Derope™ evacuator 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	< 150 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	3	2	1	Prohibited