



derope[®]

emergency escape/controlled descent devices



The derope® emergency escape/controlled descent device enables the evacuation of one or two persons from an elevated position to a lower level or the ground at a controlled speed. It can also be used for one man or two-man rescue operations. Victims can be lowered alone or accompanied by the rescuer following the standard procedures for rescue applications. If obstructions or obstacles prevent a vertical evacuation, the operation can be carried out down a cableway or tagline positioned at an angle between 30° and 60°.

FEATURES

- Easy to use, minimum training required
- Enables the evacuation of one or two persons from an elevated position to a lower level or the ground
- Automatically controls rate of descent
- Single descent for one person:
 - Constant descent speed of 235 ft./min. (72 m/min.)
 - Up to 1,300 ft. (400 m) of descent
- Single descent for two persons:
 - Constant descent speed of 295 ft./min. (90 m/min.)
 - Up to 650 ft. (200 m) of descent
- Multi-person rescue capability
- Snap hooks located at each end of the rope allow for multiple evacuations
- Operation can be carried out down a cableway or tagline positioned at an angle between 30° and 60°
- Available with hand crank winch for limited lifting
- Dual descent pig tails
- Intergraded jamming cleat that gives the user more control during a rescue
- External cooling fins ensure that the unit is rapidly ready for consecutive descents
- Utilizes 3/8 in. (9 mm) Kernmantle rope

APPLICATIONS

- Wind power turbines
- Aerial electric lines
- Antennas, towers
- Platforms, cranes
- Confined space (sewerage system, gas grid, piping)
- Cable car cabins
- Silos

ACCESSORY

- Hard-shell case – XC1600-NF

APPLICABLE STANDARDS

- ANSI Z359.4-07
- CSA Z259.2.3, type 1E



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derope® T (BASE MODEL)

The derope® descent device utilizes $\frac{3}{8}$ in. (9.5 mm) Kernmantle® rope that runs through a guarded rope sheave which is connected to a sealed centrifugal brake that limits the descent speed to 235 ft./min. (72 m/min.). Snap hooks located at each end of the rope allow for multiple evacuations as the brake controls the descent speed in either direction. Dual descent pig tails and an intergraded jamming cleat give the user more control during a rescue. External cooling fins ensure that the unit is rapidly ready for consecutive descents.

SYSTEMS INCLUDE

- derope® T descent device unit
- 6 ft. (1.8 m) vinyl covered wire rope sling (V4173)
- $\frac{3}{4}$ in. (20 mm) carbon steel autolocking carabiner (PM11Z)
- J-knife (KSOS)
- Rescue/rope bag (XB23144 or XB26168)
- From 200 to 600 ft. (60 to 182 m)

AVAILABLE MODELS

- 200 ft. (60 m) – KT7200/TK
- 300 ft. (91 m) – KT7300/TK
- 400 ft. (121 m) – KT7400/TK
- 500 ft. (152 m) – KT7500/TK
- 600 ft. (182 m) – KT7600/TK

derope® UP A WITH HAND WHEEL WINCH

Model incorporates a hand wheel winch mounted on to the base unit which allows the derope® descent device to be used as a lifting device. With a lift ratio of roughly 2:1, the winch is capable of lifting a victim in order to release it from its fall protection sub-system.

SYSTEMS INCLUDE

- derope® Up A descent device unit
- 6 ft. (1.8 m) vinyl covered wire rope sling (V4173)
- $\frac{3}{4}$ in. (20 mm) carbon steel autolocking carabiner (PM11Z)
- J-knife (KSOS)
- Rescue/rope bag (XB23144 or XB26168)

AVAILABLE MODELS

- 200 ft. (60 m) – KT7200/AK
- 300 ft. (91 m) – KT7300/AK
- 400 ft. (121 m) – KT7400/AK



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derope® UP E WITH LADDER BRACKET

Model equipped with a wheel winch and a ladder bracket that can be secured on ladder rungs for more stability during rescue operations.

derope® UP E WK SYSTEMS INCLUDE

- derope® Up E descent device with mounted ladder adapter
- Adjustable lanyard including two ¾ in. (20 mm) carbon steel autolocking carabiners (D58U98)
- Edge roller (K072586K)
- Rescue bag (XB26168)

AVAILABLE MODELS

- 300 ft. (91 m) WK system – KT7300/WK
- 330 ft. (100 m) WK system – KT7330/WK
- 300 ft. (91 m) WKE system – KT7300/WKE
- 330 ft. (100 m) WKE system – KT7330/WKE



derope® UP R WITH TRIPOD BRACKET

Model equipped with a wheel winch and a tripod bracket that can be secured on a tripod leg to perform rescue operations in confined space environments.

AVAILABLE MODELS

- 50 ft. (15 m) – KT7050/R
- 100 ft. (30 m) – KT7100/R
- Bracket for tripod – 7987428

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