



KT851 D1PRO ESCAPE DESCENDER KIT

Product Data Sheet

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PRODUCT OVERVIEW

The D1PRO ESCAPE is a compact and lightweight descent kit, specifically designed for emergency escape from structures, including wind turbines and buildings.

Designed specifically as PPE, the D1PRO ESCAPE Descender kit is intended as personal issue kit, allowing user to evacuate/self-rescue, using a lightweight device that they carry with them. This not only makes the D1PRO ESCAPE Kit a more cost-effective option than a Nacelle-fitted Controlled Rate Descender (CRD), but a safer option too, since pre-use inspections can be made to ensure that each Descender kit is fit for use in the event of an emergency.

The D1PRO ESCAPE Kit can also be supplied with the A1 Ascender and Combination Pulley rescue accessories, to enable ascent and hauling configurations.

TECHNICAL INFORMATION

Kit Components

D1PRO ESCAPE Descender [1]

Anchor Connector
Double-action, Captive-eye Snaphook [1]
27kN / 6070lbf

Harness Connector
KH221SS Aluminium Oval Karabiner [1]
Supersafe Tri-lock Gate, 25kN / 5620lbf

Cordura Pouch [1]

Technora Round-sling (1ft 7") [1]

Rope Options
ISC QUADRA
6mm Nylon Core, with Technora Sheath
ISC Escape6
6mm 100% Technora

Standard Kit Lengths
20m / 65'
50m / 164'
100m / 328'
220m / 721'

Part Code	KT851
One-handed Operation	Yes
High-friction Mode	No
Panic Brake	No
Rated Load	40-140kg (80-308lb)
MBS	14kN (3150lbf)
Standards	(Descender System)* EN341-D, Meets NFPA
Mid-line Attachable	Optional screw, to convert between fixed and swing cheek mode. Descender must be disconnected from harness connector, in order to open Descender
Minimum Temperature	-40°C/F (Dry rope)
Wear Indicator	Built in
Maximum Descent Length	220m (721f)
Descent Speed	0.5-2m/s
Slip Force	<4kN (899lbf)
Shock Absorber	NOT REQUIRED
Device Weight	218g (75oz)
Rope Weight	29g/m (0.3oz/ft)
Rope Options	ø6mm (1/4") ISC QUADRA Nylon Core/ Technora Sheath ø6mm (1/4") ISC ESCAPE6 100% Technora

*Standards apply to D1PRO Descender, when used with ISC ø6mm QUADRA or ISC ø6mm ESCAPE6 Ropes, only.

Bespoke kit lengths available on request.

D1PRO KIT ACCESSORIES

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PRODUCT OVERVIEW

D1PRO Descender Kits are available with three mid-line attachable components, which can be easily configured in order to transition between descent, ascent and hauling. The D1PRO Accessories offer a versatile, super-compact and lightweight rescue solution to users, who can carry the kit on their harness, ready to be quickly and efficiently deployed as required.

The A1 Ascender is an extremely compact, mid-line attachable device. The squeeze-style cam, allows for smooth, ergonomic adjustment. The attachment hole of the A1 Ascender accepts a Karabiner Connection (for use as part of a hauling/ascent system). Alternatively, the C1 Combination Pulley can be clipped directly in to the attachment hole of the A1 Ascender (without the need for a Karabiner/connector).

The C1 Combination Pulley has an attachment bollard (rather than an attachment hole) and a swing-cheek which is fitted with a spring-loaded closure mechanism. The profile of the bollard also allows for Karabiner connection. The attachment bollard profile features a central groove which is designed to centralise the Karabiner connector, keeping the pulley system balanced. The Pulley is fitted with a super lightweight Acetal wheel.

The Micro Accessory Pulley is an extremely compact (53 x 31mm / 2^{1/16} x 1^{1/4}") pulley with a strength rating of 25kN (5620lbf). The Micro Accessory Pulley has swing-cheeks, with an Acetal wheel and an attachment hole which is suitable for a standard Karabiner connection.

TECHNICAL INFORMATION

Part code	RP845 A1 Ascender	RP855 C1 Combination Pulley	RP840 Micro Pulley
Weight	124g (4.4oz)	71g (2.5oz)	30g (1.1oz)
Dims	59 x 73 x 23mm (2 ^{5/16} x 2 ^{7/8} x 1 ^{5/16} "	59 x 34 x 32mm (2 ^{5/16} x 1 ^{5/16} 1 ^{1/4} "	53 x 31 x 23mm (2 ^{1/16} x 1 ^{1/4} x 3/8")
Standards	NOT APPLICABLE		
Compatibility	Available as part of D1PRO ESCAPE (KT851), D1PRO TACTICAL (KT850) or D1PRO TACTICAL+ (KT852) Kits, only. For use on ISC QUADRA or ISC ESCAPE6 ø6mm ropes, only.		