

IN AN EMERGENCY EVERY SECOND COUNTS

ESCAPE FROM HEIGHTS
WITHIN 10 SECONDS
CLICK ON AND GO!



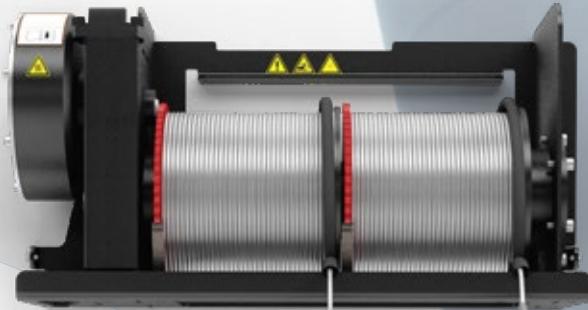
In case of fire and panic, clear thinking is difficult and escape becomes instinctive. The Evacuator® is designed and engineered for time-critical panic situations, making escape extremely simple and due to pre-installation, all life-saving equipment is exactly where it's needed, always within reach and instantly ready to use. **Click on and Go.**

In times of panic simplicity is key:

1. Go to emergency exit
2. Connect harness onto Evacuator® escape-hook
3. Start descent

Fireproof with a fully automatic, hands-free descent of ± 1 m/s, requiring no electricity, offering multiple escape routes (including hub, nacelle roof/floor hatches, and heli deck).

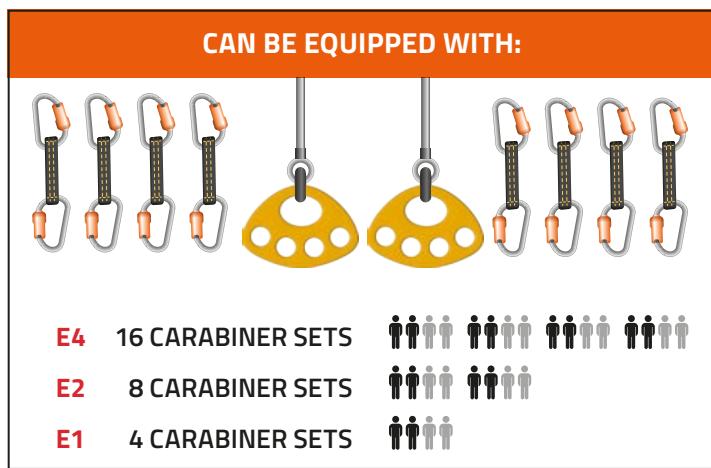
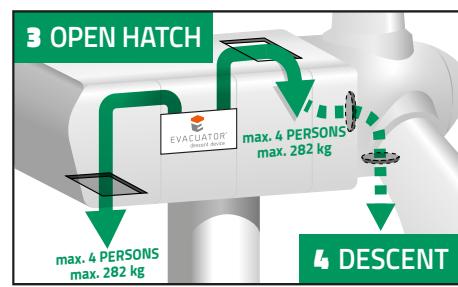
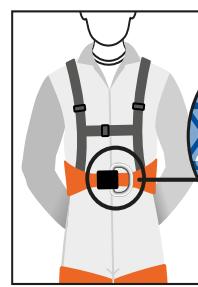
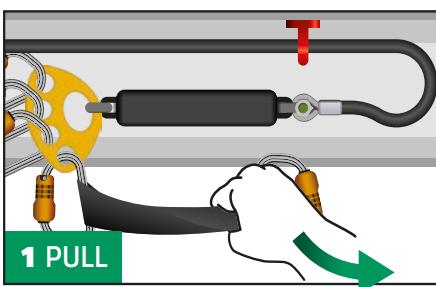
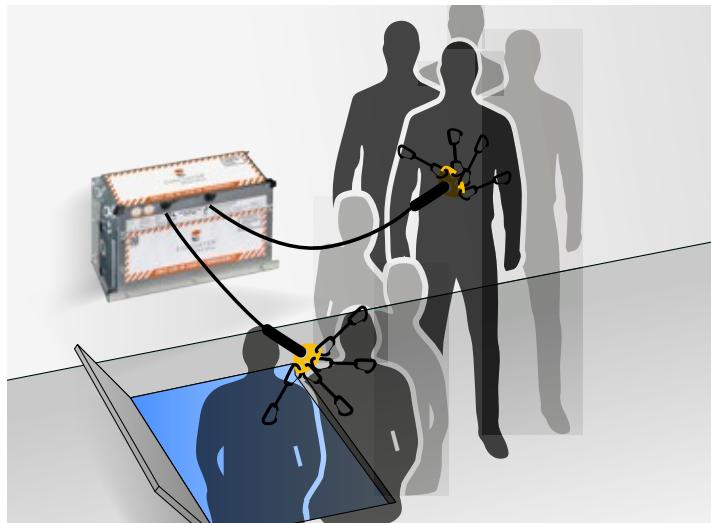
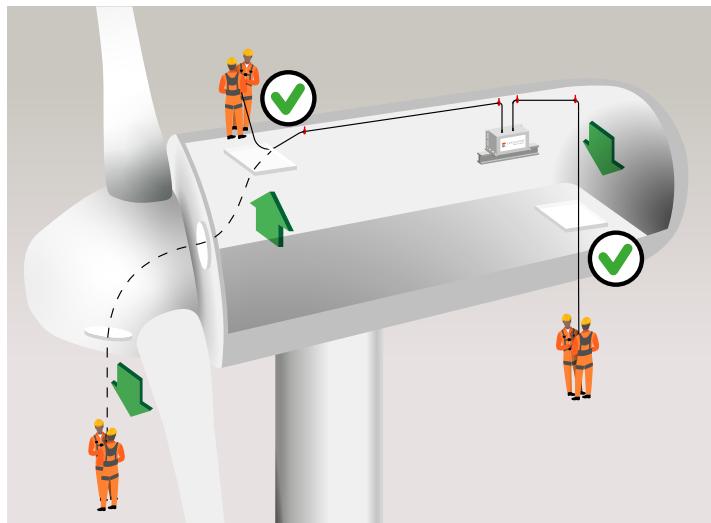
Based on simplicity, common sense, and human instinct.



E2 model as shown here can be equipped with up to 8 carabiner sets



INDOOR INSTALLATION



OUTDOOR INSTALLATION



THE EVACUATOR® ESCAPE DESCENT SYSTEM SIGNIFICANTLY IMPROVES THE SAFETY AND SURVIVABILITY OF PEOPLE IN PANIC SITUATIONS AT HEIGHT

- **Multiple escape routes possible:** hub hatches, nacelle roof/ floor hatches, heli-hoisting deck, etc.
- A fireproof system up to 1200°C, fitted with steel cables.
- Panic-proof, instinctively simple to use: connect harnesses onto preinstalled escape-hooks and start descent.
- Escape-procedure within 10 seconds - **click on and go.**
- Fully automatic descent, ± 1 m/s. Hands-free.
- The steel cables cannot burn, melt, or become entangled.
- Safe descent in any wind or weather conditions.
- No time-consuming preparations due to pre-installed and permanently fixed installation at the escape hatches, always there where you need it, immediately ready to use.
- In case of acute health problems/cardiac arrest a person can be safely on the ground within the 6 golden minutes.
- Multiple persons can descent, the total Max. descent load on the system is 564 Kg at the same time (Max. descent load per cable-reel 282 Kg).
- Engineered for extreme heat, corrosion, vibration and impact.
- Easy installation on all high structures, wind turbine independent, onshore and offshore.
- Escape procedure can be done with 1 hand (in case injury has been sustained to other hand).
- Long lifespan >30 years.
- Low cost of ownership.
- No electricity required.
- In case of wind turbines: installation does not damage the nacelle-construction and does not interfere annual maintenance in the nacelle (no drilling required).
- Certified by DEKRA Germany ➤ **DEKRA** EN341 Class D, ANSI/ASSE Z359.4-2013 and CAN/CSA-Z259.2.3:2016.
- Does not require any special training but training models are available for educational purposes and multiple descent experiences.
- Maintenance / inspection-friendly, approx. 15 min.
- Leasing options available.
- Global support network.

THE EVACUATOR ESCAPE DESCENT SYSTEM BRINGS COMPLIANCE TO:

IEC TS 61400-30:2023 Wind energy generation systems - Part 30: Safety of wind turbine generators – General principles for design

ISO 45001:2018 Occupational health and safety management systems - Requirements with guidance for use

11.5.2 Inherently safe design measures

Clause text:

"The structure and/or elements used in case of evacuation (e.g., anchor points) shall withstand the fire time long enough to allow personnel to reach a place of temporary safety based on all fire scenarios in the fire risk assessment."

Evacuator – compliance summary:

The Evacuator descent system is a **permanently installed, fire-resistant steel-wire evacuation escape system** that does not rely on soft components or ad-hoc rigging. The anchor points and evacuation path are designed to **retain structural integrity during fire exposure**, enabling personnel to reach a place of temporary safety under the fire scenarios defined in the fire risk assessment.

12.1.4 Equipment

Clause text:

"If special equipment is required to escape, this shall be permanently located in the wind turbine, near the escape point(s). This equipment shall allow the regular number of persons working simultaneously to escape in a minimum time."

Evacuator – compliance summary:

The Evacuator descent system connectors are **permanently installed at the escape point** and are immediately available for use. The system enables evacuation/escape of the **full intended number of persons** without prior setup. This supports rapid, simultaneous evacuation and reduces escape time by eliminating equipment retrieval, transport, and assembly.

12.1.2 Evacuation and escape (ASET / RSET)

Clause text:

"Evacuation and escape could be necessary in different scenarios, mainly in case of fire. An analysis of these scenarios shall be made, and mitigation measures will be taken accordingly. Available safe egress time (ASET) shall exceed the required safe egress time (RSET)."

Evacuator – compliance summary:

The Evacuator descent system functions as an **engineering mitigation measure** by reducing **Required Safe Egress Time (RSET)** through immediate availability and simplified operation, removing manual rigging and device configuration steps. This supports evacuation/escape within the available time window and contributes to maintaining **ASET greater than RSET** across identified fire scenarios.

In accordance with **ISO 45001:2018, Clause 8.1.2**, risks shall be reduced by applying the **hierarchy of controls**, prioritising **engineering controls** where applicable.

The Evacuator descent system constitutes a **robust engineering control**. Its design helps to **isolate personnel from fire-related hazards** by reducing exposure time through permanent installation and operational simplicity, while providing protection during descent through **fire-resistant characteristics**. The system reduces reliance on procedural controls and human performance, thereby **supporting compliance with Clause 8.1.2**.

EN50308:2004 Wind Turbines. Protective Measures. Requirements For Design, Operation And Maintenance

Paragraph 4.2.2 Escape

Clause text:

"The descent device has to be fireproof enough to allow escape from the nacelle to the ground in the event of fire, it shall be suitable for the numbers of persons to be evacuated".

Evacuator – compliance summary:

The Evacuator descent system is fire proof up to 1200 °C, <60 minutes, enables simultaneous descent of multiple persons.

Other industrial health, safety, and environmental (HSE)-related regulations and standards

- The Evacuator escape descent system brings adherence to the UK Offshore Safety Directive Regulator/HSE-Offshore Emergency Response Inspection Guide, Appendix 8: MEANS OF ESCAPE, PFEER ACoP paragraph 219 and 220: Dutyholders should have selected means of escape based on their contribution to reducing the risks of those who may have to escape from the installation to as low as reasonably practicable (ALARP).
- Best practice regulations wind industry and other industries.
- Risk assessments wind industry and other industries.



E4

Type: E50

- 4 cable-reel model
- 4 x 50 metres per cable-reel
- Max. 282 Kg. per cable-reel
- Max. descent load capacity at the same time is 564 Kg.
- MBL per steel cable 20 kN
- Max. 16 Pers.



50 metres



E2

Type: E165-200

- 2 cable-reel model
- 2 x 165 or 2 x 200 metres per cable-reel
- Max. 282 Kg. per cable-reel
- Max. descent load capacity at the same time is 564 Kg.
- MBL per steel cable 20 kN
- Max. 8 Pers.



165 - 200 metres



E1

Type: E300

- 1 cable-reel model
- 1 x 300 metres cable-reel
- Max. 282 Kg.
- Max. descent load capacity at the same time is 282 Kg.
- MBL per steel cable 20 kN
- Max. 4 Pers.



300 metres (length can be extended)

OFFICIAL PARTNER:

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