



# VINCORION®



SOLUTIONS. FORWARD-LOOKING.



## FASTER AND MORE COST-EFFECTIVE AIR RESCUE.

### **The ERH premier<sup>v</sup> is the next Generation of Civil Air-Rescue Operations.**

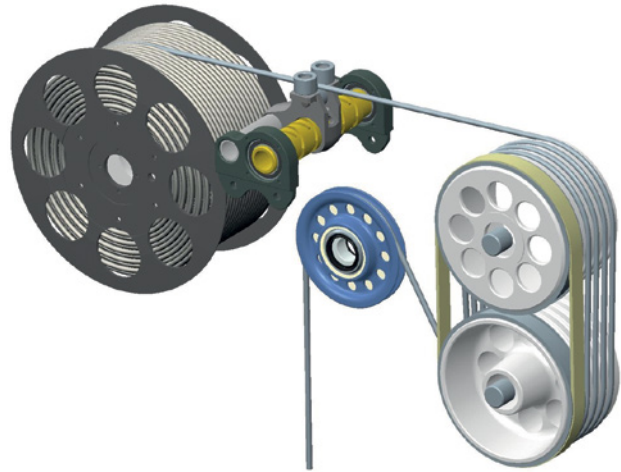
The innovative concept behind the new electric rescue hoist from VINCORION defines the future of air rescue technology. Absolute reliability on all rescue missions, whatever the weather conditions. The increased lifting capacity, longer cable, newly developed wireless remote control, and minimum system weight make helicopter rescue missions with the ERH premier<sup>v</sup> rescue hoist even safer, faster, and more cost-effective. Due to the modular

design, the maintenance concept of the ERH premier<sup>v</sup> significantly reduces life-cycle costs and ensures considerably higher operational readiness – a further innovation that reduces time and cost factors and guarantees safe and reliable operations. This is not surprising – after all, VINCORION can draw on over 40 years of experience in the design and construction of highest-quality rescue hoists for civil and military use. The ERH premier<sup>v</sup> is the first of the next generation.

# EFFECTIVE AND RELIABLE IN CRITICAL RESCUE SCENARIOS. PERFECTLY ENGINEERED.

## EQUIPPED TO MASTER EXTREMES.

Time is a crucial factor when saving lives and the ERH premier<sup>v</sup> never wastes a second: with a lifting speed of up to 390 feet per minute (2 meters per second), the electric rescue hoist from VINCORION sets new benchmark standards in its segment. Its increased cable length of 330 feet (100 meters) is also a clear statement in itself and makes rescue missions safer and easier, particularly in mountainous areas. The range of missions it can fulfill is also greatly extended by an above average maximum lifting capacity of 670 pounds (303 kilograms). Another unique feature of the ERH premier<sup>v</sup> that speeds up and simplifies rescue operations is its wireless remote control option. The hoist operator has the ability to remotely control many of its functions and adapt them quickly to meet the needs of the situation at the rescue site.



## MORE THAN THE SUM OF ITS BENEFITS.

- **Cost-effectiveness and high operational readiness:** The unique modular design of the ERH premier<sup>v</sup> makes it possible that much of the maintenance work required can be carried out reliably by technicians on the spot. The resulting minimization of life-cycle costs and reduced downtime guarantee maximum operational readiness of the ERH premier<sup>v</sup>.
- **Complete control:** Thanks to continuous precision monitoring of loads and lifting speeds at the entry roller.
- **Reduced wear:** The precision of the cable-guide system with capstan technology increases the operational life expectancy of the hoist cable. Combined with a low tension cable storage it ensures that the cable is wound evenly onto the cable drum, even under the most extreme mission conditions.
- **Outstanding expertise:** VINCORION has been designing and constructing safe and reliable rescue hoists for civil and military use in helicopters for more than 40 years.
- **Best testimonials:** In the 1970s, VINCORION designed and constructed the first of more than 130 rescue hoists for the legendary Bell UH-1D helicopter. This was followed in later years by models for Bo 105 and NH90 helicopters.
- **The latest innovation:** From 2018, the ERH premier<sup>v</sup> will begin writing the next chapter in the evolutionary history of VINCORION rescue-hoist technology.

### Technical Specifications

Max. lifting load capacity	670 lbs (@ 197 ft/min) 303 kg (@ 1.0 m/s)
Max. lifting speed	390 ft/min (@ < 330 lb) 2.0 m/s (@ < 150 kg)
Cable length	max. 330 ft max. 100 m
Power supply	28V DC, 150 A
Power consumption	approx. 4.2 kW

Other specifications and options are available on request.



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