



STATIC LINE RETRIEVAL WINCH

RELIABLE AND EFFICIENT

Dependable retrieval and effortless deployment

Collins Aerospace's static line retrieval winch is a compact, lightweight winch system. This simple, yet reliable winch has the ability to handle up to 2200 lbs. An easily switchable speed mode allows the user to quickly select either high speed or normal speed, depending on the need. Installation and operation of this winch are uncomplicated and straightforward.

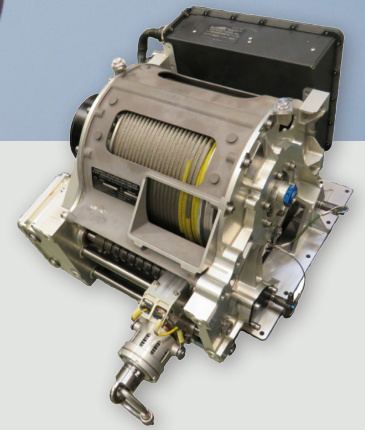
The winch is easy to install in your aircraft and maintain regularly. The durable architecture, efficient cable drive system and fault monitoring indicator ensure that it is safe and effective. It has a brushless motor for high performance, reliability and easy maintenance.

This static line retrieval winch is simple and safe to store, due to its hook compression function and LEBUS drum grooving.

The modular design includes an integrated electronic control module with electromagnetic interference (EMI) protection and a control handle unit. An active power factor correction (APFC) module is integrated in the winch controller, which provides improved efficiency and compliance with the DO-160G Current Harmonic Distortion and Power Factor requirements.

Current application

Static Line Retrieval Winch KC390 (Qualified in accordance with DO-160G, MIL-STD-130M and MIL-STD-461E requirements)



KEY FEATURES & BENEFITS

- Integrated Active Power Factor Correction for efficient operation
- Easy to install, use and maintain
- Snap hooks are used to hold loads
- Simple and sturdy mechanical architecture
- Carbon Weston-type brake cooled in oil bath
- Brushless motor for performance and reliability
- Hook compression function for efficient stowage during flight
- System fault monitoring and indication displayed on the control pendant
- LEBUS drum grooving for safe and reliable cable storage
- Powered by standard Aircraft 400Hz AC Electrical power
- Ability to pull 2200 lbs.
- 26 m (85 ft) cable

SPECIFICATIONS

| | |
|-------------------|---|
| Power | 110VAC 400Hz |
| Weight | 38 kg (80 lbs) |
| Size | 600 x 350 x 420 mm (24 x 14 x 17 in) |
| Rated load | 9.8kN (2,200 lbs) |
| Cable length | 26 m (85 ft) |
| Speed (full load) | 12m/m (40ft/min) |
| Speed (no load) | 24 m/m (80ft/min) |
| Cable angle range | up to 7° at full load |

*Control pendant*

Specifications subject to change without notice.
U.S. Army photo by Staff Sgt. Jason Hull

**COLLINS AEROSPACE**

13 avenue de l'Eguillette
BP 27186 – Saint Ouen l'Aumône
95056 Cergy-Pontoise Cedex
France

Tel : +33 (0) 1 34 32 63 00

www.collinsaerospace.com/hoistandwinch