



The MCM-015 is our newest addition to a growing family of USV based mine hunting and mine countermeasures winches.

Highly-advanced and compact, this lightweight system is designed to operate in the extreme conditions associated with high speed naval craft. The unit is configured for fully autonomous or remote-control operation with multiple operational modes and control fail safe options for use aboard autonomous/unmanned surface vessels.

The MCM winch is designed for use with small to medium sized towed bodies or other deployable instruments, in conjunction with a launch and recovery system, and is scalable and customizable for use in a wide variety of commercial and defense applications.

## GENERAL DIMENSIONS AND SPECIFICATIONS

### OVERALL DIMENSIONS:

- Approx. 40"W x 49"L x 46"H (57"H w/ camera frame)

### WEIGHT:

- Approx. 725 lbs. (329 kg) without Cable

### DRUM CAPACITY:

- 1,000 ft ½" Ribbon Faired Tow Cable

### LINE PULL:

- 1,500 lbs. Full Drum Continuous Duty
- 2,250 lbs. Full Drum Intermittent Duty
- 4,000 lbs. Full Drum Continuous Static Towing
- 6,000 lbs. Integral Failsafe Breakaway System
- User Adjustable Auto-Render Up to 6,000 lbs.

### SPEED:

- 100 ft/min Bare Drum

### INPUT POWER:

- 400VDC (prime mover)
- 24VDC (controls)

### CONTROLS:

- PLC Configured for Autonomous Operation
- TCP/IP Communication
- Remote Pendant Controller for Maintenance and Spooling

### CONTROL FEATURES:

- Constant Speed
- Constant Tension
- Auto-Render
- Slack Line Prevention

### PROTECTION LEVEL:

- IP67

## MCM-015 USV WINCH

