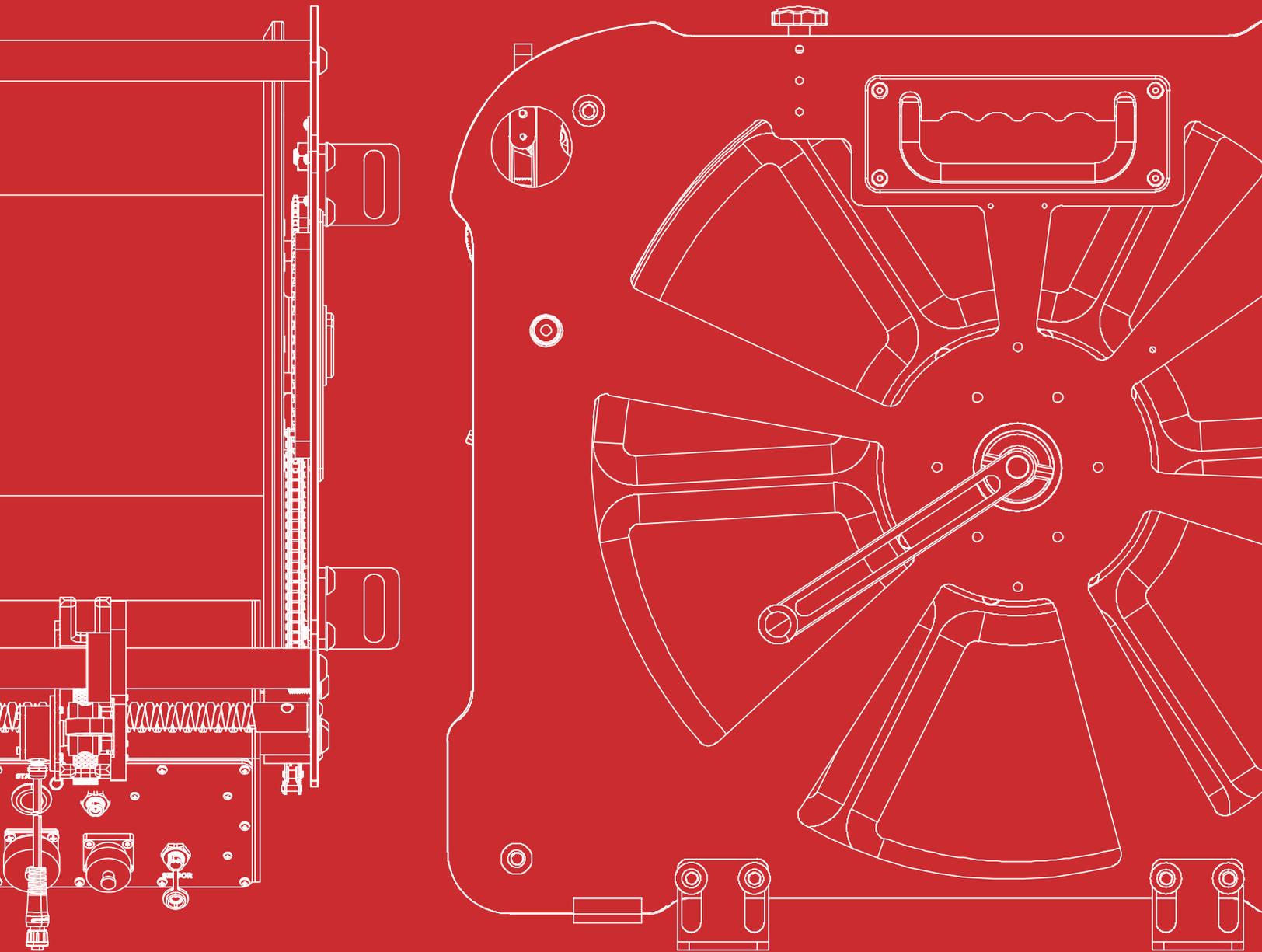


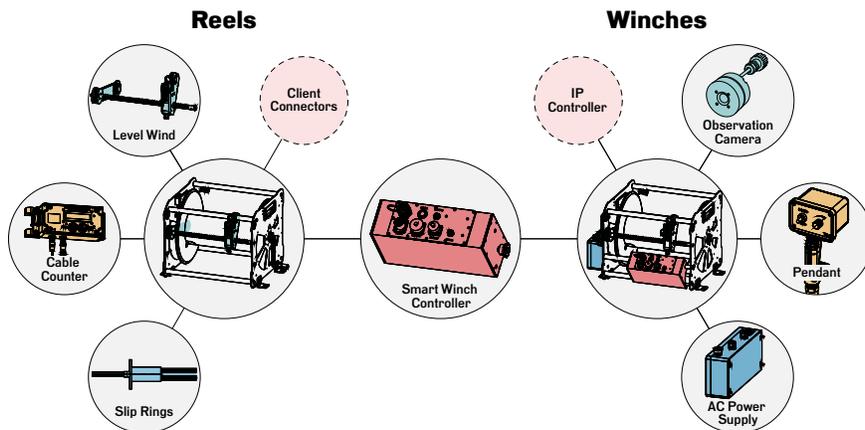
Reels & Winches

Reel Innovation,
Real Value.



Reels & Winches

Reel Innovation, Real Value.



Reach Systems' line of CROC reels offers innovative solutions for cable management across a wide range of applications and industries. Designed for ROVs, robots, sonar and camera applications, our reels are economical, durable and adaptable, making them ideal for managing tethers on almost any type of remotely operated system.

Our larger units can support several kilometres of cable, but they're still small enough to be transported and managed by two people. And the smallest reels fit easily in a Pelican case for true portability—man portable, easily packaged, or taken on a commercial airline as checked luggage.

All CROC and KRONOS reel models are available with a Smart Winch upgrade, enabling motorized control, integrated cable counting, and network-based operation through an intuitive web interface. For advanced

applications, a programmable API allows seamless integration into ROV, USV, and robotic control systems supporting repeatable sensor deployment in remote or autonomous environments.

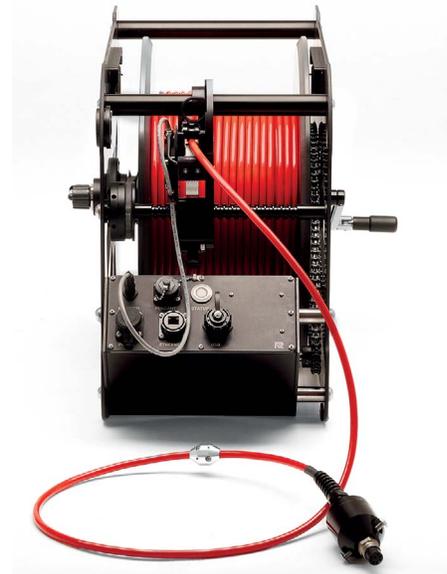
A range of options and add-ons are available including fiber, copper or hybrid slip rings, adjustable level winds, deployment sheaves, and distance counters.



CROC Mini

Originally designed for deploying ROVs and sensors from an Autonomous Surface Vessel (ASV), the CROC Mini reel is ideal for any portable or remote application utilizing small diameter tether. In its most basic form, it offers a manual payout and retrieval, and can store more than 400 meters of 5 mm diameter cable. Or, with the smart control option, including an embedded

controller and DC-motor, the CROC Mini can be operated over wireless systems or perform semi-autonomous payout and retrieval functions.



SPECIFICATIONS

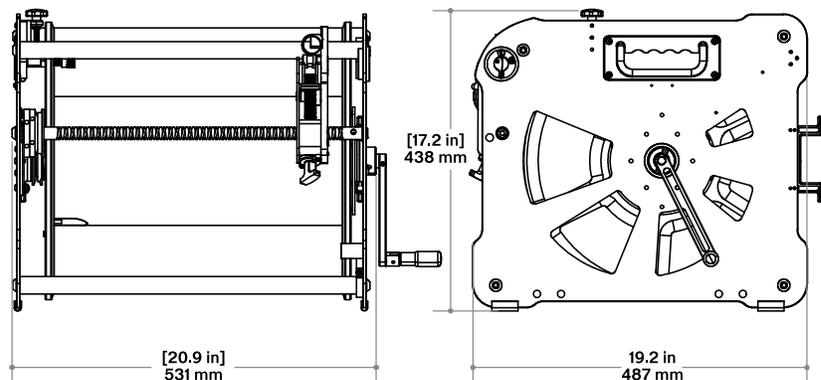
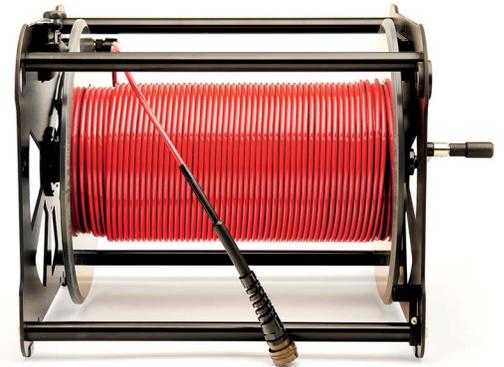
Model	008-400-00
Material	6061-T6 Aluminum and Acetal
Weight	11.4 kg/ 25 lb (without cable)
Slip Ring	8 Conductor, 28 AWG, 240 VDC/ AC (options for higher voltage, extra conductors, fiber optic, etc.)
Options	Adjustable level-wind, deployment arm/sheave, OEM/White Label branding available upon request
Capacity	Cable Diameter × Max Length 5 mm × 450 m 8 mm × 200 m 10 mm × 100 m

Smart Winch Option

Power	12 VDC @ < 100 W
Pull Force	8 Kg (full drum) 16 Kg (empty drum)
Top Tether/Cable Speed (full drum)	35 m/min
Torque	15 Nm (11 ft-lb)

CROC

The standard CROC cable reel offers unparalleled durability and ease of use in a small package. With support for more than 1,000 meters of 5 mm diameter tether, and options for motors, level winds, and distance counters, the CROC is suitable for almost any remote system application, from ROVs to robotic crawlers to sonar systems and more.

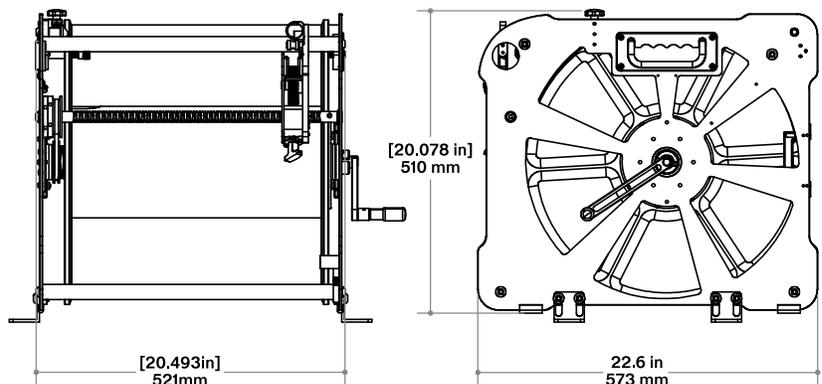
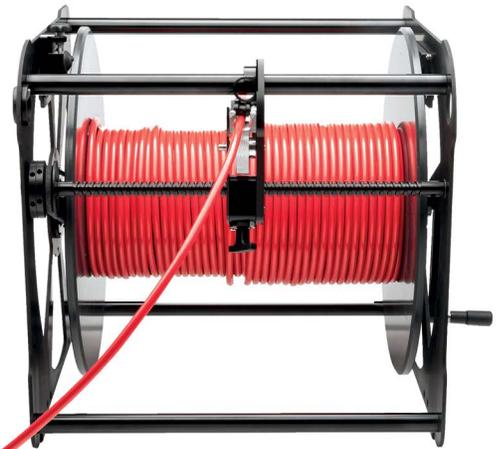


SPECIFICATIONS

Model	008-440-00	Smart Winch Option	
Material	6061-T6 Aluminum and Acetal	Power	12 VDC @ < 1000 W
Weight	13.8 Kg/30.4 lb (without cable)	Pull Force	66 Kg (full drum) 125 Kg (empty drum)
Slip Ring	8 Conductor, 28 AWG, 240 VDC/AC (options for higher voltage, extra conductors, fiber optic, etc.)	Top Tether/Cable Speed (full drum)	30 m/min
Options	Adjustable level-wind, motorized payout/retrieval, deployment arm/sheave, OEM/White Label branding available upon request	Torque	120 Nm (88 ft-lb)
Capacity	Cable Diameter × Max Length 5 mm × 1,300 m 8 mm × 500 m 10 mm × 300 m		

CROC XL

Our largest reel, the CROC XL can hold up to 500 meters of 10 mm diameter cable but still offers portability and ease of transport. It fits comfortably inside a Pelican 370 case for carrying, or it can be arranged on a pallet with your ROV, sonar or other system for a complete package shipping solution. And it is available with all the same upgrades and options.



SPECIFICATIONS

Model	008-500-00	Smart Winch Option	
Material	6061-T6 Aluminum and Acetal	Power	12 VDC @ < 1000 W
Weight	16.3 Kg/35.9 lb (without cable)	Pull Force	54 Kg (full drum) 125 Kg (empty drum)
Slip Ring	8 Conductor, 28 AWG, 240 VDC/AC (options for higher voltage, extra conductors, fiber optic, etc.)	Top Tether/Cable Speed (full drum)	37 m/min
Options	Adjustable level-wind, motorized payout/retrieval, deployment arm/sheave, OEM/White Label branding available upon request	Torque	120 Nm (88 ft-lb)
Capacity	Cable Diameter × Max Length 5 mm × 2,100 m 8 mm × 800 m 10 mm × 500 m 15 mm × 200 m		

Contact us today to learn more!

1-888-615-5176
778-262-2354

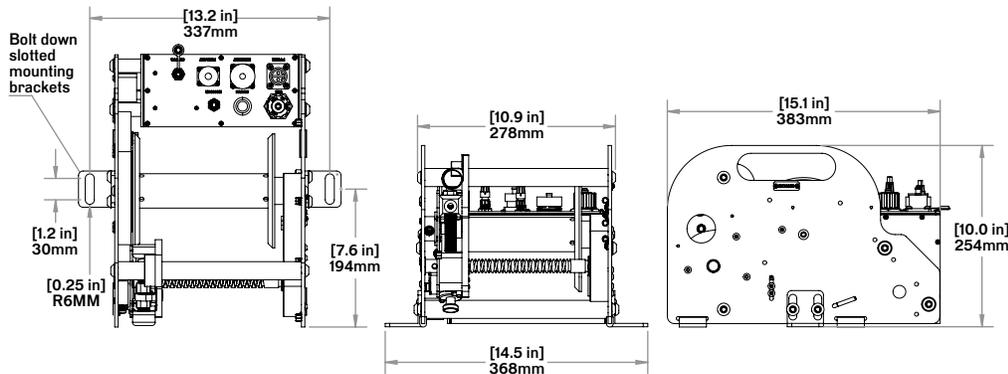
2A-3411 Shenton Rd
Nanaimo, BC V9T 2H1

info@reach-systems.com
reach-systems.com

Caiman Smart Winch

The Reach Systems Caiman is a miniature winch with advanced control options, designed for deploying battery powered sensors and devices from Uncrewed Surface Vessels (USVs), smart buoys, and small manned vessels. At less than 9 kg in weight, and only 254 mm high, the Caiman fits almost anywhere; with support for more than 500 m of small wire cable or rope, it is a perfect solution for remote deployment and retrieval

of Conductivity, Temperature, and Depth sensors (CTDs), Sound Velocity Profilers (SVPs), Environmental DNA (eDNA) sensors, hydrophones, and more. The intuitive web control and available API make it easy to automate your sensing operations using existing wireless networks and locally available power, and the optional plug-and-play observation camera allows you to monitor winch activity in real-time through the same web interface.



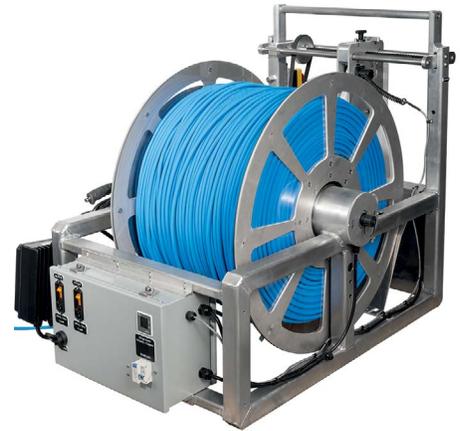
SPECIFICATIONS

Model	008-100-MO-AU	Options	USB Observation Camera, OEM/White Label branding available
Material	6061-T6 Aluminum	Ingress Protection	IP67
Weight	8.6 kg/19 lb (without cable)	Capacity	Cable Diameter × Max Length 2 mm × 700 m 3 mm × 300 m 4 mm × 150 m
Power	12 VDC @ < 100 W (~3 W standby)		
Cable Counter	Included		
Control	Local (optional) and remote		
Torque	12 Nm continuous		
Pull Force	17 Kg/37 lb Nominal 45 Kg/99 lb Max (empty drum)		
Speed	Max 37 RPM		

Kronos

The Kronos is our largest standard winch, with bigger cable capacity, more pulling power, and optional advanced motor control versions which can include cable counter, level wind, auto-tensioning, and a web interface/API for custom software integration. It can hold more than 1500 meters of 10 mm diameter tether cable and provides more than 225 kg (500 lb) of pulling force (on an empty drum), making it ideal for large inspection class ROVs,

towed sonar systems, or advanced hydrophone arrays. And, at less than 1m³, it can still fit on smaller boats and mid-sized USVs.



SPECIFICATIONS

Model	017-100-00	Electrical Power Input	AC Motor Controller** 120 VAC 50/60 Hz 1400 W peak Smart Winch Option: 24 VDC 1100 W peak
Dimensions (Standard Base unit)	Length 960 mm (38 in) Width 860 mm (34 in) Height 850 mm (33.5 in)	Capacity	Cable Diameter × Max Length 8 mm × 2,500 m 10 mm × 1,500 m 12 mm × 1,100 m
Weight (without tether)*	70kg (154lb)		
Storage Temperature	-40°C min/+50°C max (-40°F min/+120°F max)		
Operating Temperature	-15°C min/+50°C max (+5°F min/+120°F max)		
Torque*	173.5 NM (128 lb-ft) Nominal 570 N (128lb) Max (empty drum)		
Drum Speed*	0-15 rpm		

* For Standard 120 VAC Motor Controller
** 240 VAC Option Available

