

CORMAC M

Modular stainless steel winch series



MacArtney CORMAC M modular winches are dependable and versatile systems capable of handling multiple marine applications and tasks. Featuring a modular and compact design, the CORMAC M series allows for flexible installation on vessels with limited deck space. The series includes three standard models: CORMAC M1, M2, and M5.

Engineered for optimal durability, CORMAC M winches require minimal maintenance and offer a broad range of specifications including speed, pull, motor size, and cable capacity.

The winches incorporate several intelligent features to ensure accurate and efficient equipment handling. A soft-start function enhances manoeuvrability, protects the motor and gear, and makes the winch easier to operate.

The CORMAC M2 model includes a mechanically driven level wind and always comes with an electrical slip ring. The M1 and M5 models feature electrically driven level winds, significantly improving spooling performance and simplifying cable diameter changes. Both M1 and M5 are also prepared for integration with a Moog Focal model 180-based electric/electro-optical slip ring.

Features and benefits

- Modular and compact design using standardised components
- M2 and M5 structural components are made from glass blasted stainless steel (AISI 316)
- M1 structural components are made from aluminium
- Separate control panel
- HMI touch display with speed and depth info
- Mechanically driven level wind (M2)
- Electrically driven level wind (M1 and M5)
- Long and proven track record
- Wireless remote control with joystick, display and emergency stop (M1 optional)

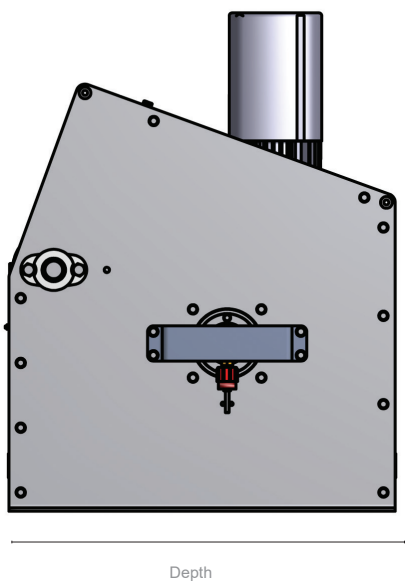
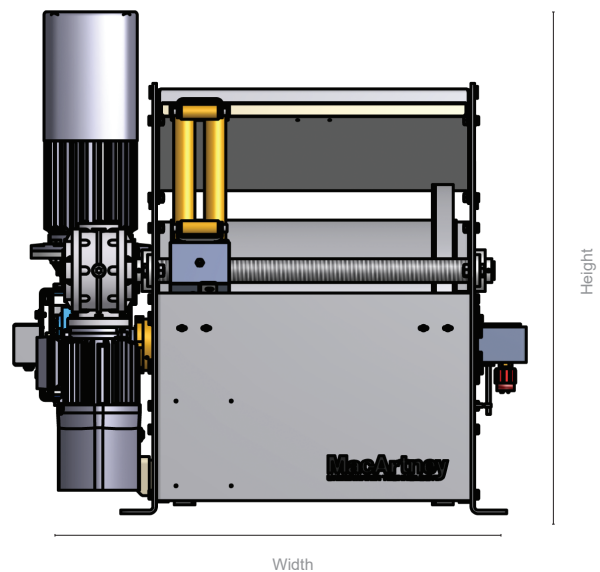
Applications

- Side scan sonar systems
- Sub-bottom profiler systems
- Light ROV systems
- Oceanographic profiling CTD systems
- Light towed equipment, platforms and ROTV systems
- Underwater camera systems
- General marine instrumentation

System options

- Service and maintenance programme
- Spare parts package
- A-frame, davit or deck crane
- Cable sheave
- Vibration absorbing installation brackets
- Focal model 180-based electric/electro-optical slip ring (M1 and M5) Cavotec (M2)
- Tarpaulin cover
- PC control
- Other cable diameters available upon request





Specifications

	Winch dimensions (Width/depth/height)	Drum dimensions (Core/flange x length)	Cable OD	Cable capacity (Length)	Winch weight	Pull (Layer 1)	Speed (Layer 1)	Motor size	Power supply
model	mm	mm	mm	m	kg	kN	m/min	kW	V
CORMAC M1*	866/1,180/1,107	ø400/ø615 x 350	6.35-14.4	1,280-165	245**	1.7	0-22	1.1	1x230
CORMAC M2	613/347/665	ø159/ø255 x 225	3.12	600	89	1.5	0-46	1.5	1x230
CORMAC M5	1,110/747/1,214	ø400/ø575 x 443	6.35-14.4	1,300-165	460	5.5	0-62	7.5	3x400/440

*) Material: Aluminium. **) Incl. Electric cabinet