



STR SeaTow 2000 Electric Winch

STR offer an extensive range of field proven electric winch systems for marine applications.



The STR SeaTow 2000 is a latest generation 3 phase electric winch designed for use with a range of steel armoured or soft tow cables.

Typical applications for this winch are sidescan sonar, combined sidescan and sub-bottom profilers, ROTV

systems, marine magnetometers, gradiometers, oceanographic sensors and drop camera systems.

The SeaTow 2000 offers fast line speeds whilst maintaining a high line pull capability.

KEY FEATURES

- Compact footprint
- Integrated Variable Speed Drive
- Coax/Multicore Tow-cable & Slipping
- Remote and local joystick control
- User configurable level wind to suit cable diameter
- Low maintenance

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TECHNICAL SPECIFICATIONS

| PROPERTIES | DESCRIPTION |
|----------------------|---|
| MOTOR | 11.kW 440v 3 phase, 50/60 Hz |
| BRAKE | Electrical disc brake integral with motor |
| DRUM CAPACITY | 2000m Rochester A302799 |
| DRUM DIMENSIONS | Drum Ø457mm, Drum Width 810mm, Cheek Ø 900mm |
| LINE SPEED (AT DRUM) | 44.8m/min |
| LINE SPEED (AT TOP) | 75.0m/min (2000m of 11.43mm cable) |
| LINE PULL WLL | 1160kg |
| HANDLING | Load tested 4 point lift eyes |
| LEVEL WIND | Electronically controlled lead screw |
| MOTOR REGENERATION | Internal resistive load to avoid regeneration onto input supply |
| CONSTRUCTION | Steel with powder coating finish |
| SLIP RING | STR Internal 4 way slip-ring fitted with MCBH6M connector & Dummy Plug. Fibre and other options available on request |
| JOYSTICKS | Local & remote joystick control. C/W LCD user configuration & status interface, Emergency Stop Button, 50m Remote Cable |
| WEIGHT | 1300kg (bare drum) |
| DIMENSIONS | 1.71 x 1.7 x 1.71m (WxDxH) |
| SAFETY FEATURES | Multiple Emergency stop buttons at operator stations Moving parts contained within cage Sounder beacon indicating operation Low voltage control circuitry Fail safe brake |
| REMOTE INTERFACE | Customised remote control and diagnostic interfaces supported |
| DECK FASTENINGS | 4 off removable bolt on sacrificial feet for welding to deck |

All information contained in this brochure may be subject to change without prior notice.