

STR ESW-4000 SERIES ELECTRIC WINCH

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



The STR ESW-4000 is a high capacity electric winch intended for deep water operations. The winch is designed for installation of 4000m of 11.4mm armoured coaxial cable and will also accommodate a wide range of electro-optic and umbilical cables.

Typical applications for this model are sidescan sonar, combined sidescan sonar and sub-bottom profiler systems, marine magnetometers, gradiometers, drop camera systems, oceanographic sensors and ROV systems.

KEY FEATURES

- Fully certified design
- Prepared for a range of electro/optical slip rings
- Remote and local pendant control
- Variable speed drive option
- Precise direct drive diamond bar level wind
- Low maintenance

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Standard features include a low maintenance hot zinc spray finish, incorporated drum guard, precise level wind, single speed or variable speed drive with local and remote pendant control, fail-safe brake and emergency stop. All marine winches are designed with IP57 motor control enclosures and prepared for a range of maintenance-free slip ring units. All winch systems are certified to meet international lifting regulations with optional DNV certification.

MOTOR:

15kW, 3 Phase, 440VAC, 50/60Hz

BRAKE:

Electromagnetic disc brake
integral with motor

DRUM CAPACITY:

4000m of 11.4mm coaxial cable

LINE SPEED (AT DRUM):

33m/min

MAX LINE PULL (AT DRUM):

2250kg (Direct On Line)
1385kg (Variable Speed Drive)

LEVEL WIND:

Diamond screw from shaft

HANDLING:

Load tested 4 point lift eyes

CONSTRUCTION:

Steel with hot zinc spray finish

SLIP RING:

Customer specified

SAFETY:

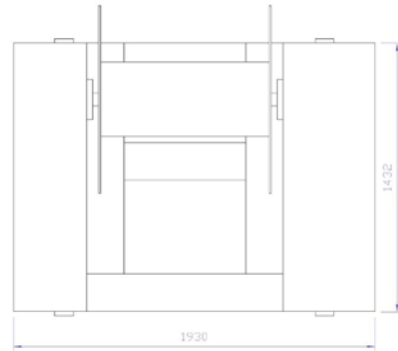
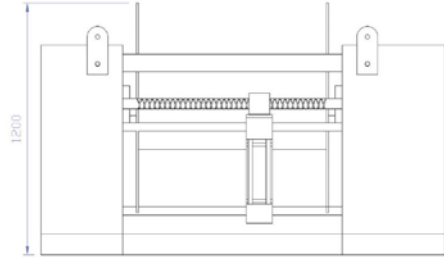
Emergency stop button
Fail safe electromagnetic brake
Drum guard

WEIGHT:

1800kg (bare drum)

DIMENSIONS:

Width: 1.97m
Depth: 1.72m
Height: 1.30m



STR Variable Speed Drive (VSD)

Input Supply: 3-phase, 380 - 480VAC, 50/60 Hz

Input Power rating: 18.5kW

Integrity Protection: IP42

Control: Dual joystick control for local and remote locations

Material: 316 Stainless steel

Weight: 100Kg

Dimensions:

Width: 0.7m

Depth: 0.55m

Height: 1.5m

