



SUBSEA TECHNOLOGY & RENTALS

## STR ESW-1500 SERIES ELECTRIC WINCH

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



The STR ESW-1500 is a compact electric winch designed for the installation of 1000m of 11.4mm armoured coaxial cable. This model will also accommodate a wide range of electro-optic and umbilical cables.

Typical applications for this winch 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

# STR ESW-1500 SERIES ELECTRIC WINCH

Standard features include a low maintenance hot zinc spray finish, incorporated drum guard, precise cable 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:

7.5kW, 3 Phase, 400VAC, 50Hz

## BRAKE:

Electromagnetic disc brake  
integral with motor

## DRUM CAPACITY:

1000m of 11.4mm coaxial cable  
1500m of 8.3mm coaxial cable

## LINE SPEED (AT DRUM):

33m/min

## MAX LINE PULL (AT DRUM):

1050kg (Direct On Line)  
750kg (Variable Speed Drive)

## LEVEL WIND:

Diamond screw from shaft

## HANDLING:

Load tested 4 point lift eyes

## CONSTRUCTION:

Steel with hot zinc coating

## SLIP RING:

Customer specified

## SAFETY:

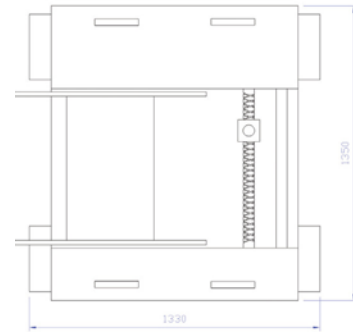
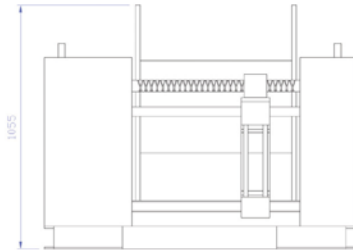
Emergency top button  
Fail safe electromagnetic brake  
Drum guard

## WEIGHT:

900kg (bare drum)

## DIMENSIONS:

Width: 1.4m  
Depth: 1.55m  
Height: 1.2m



## 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

