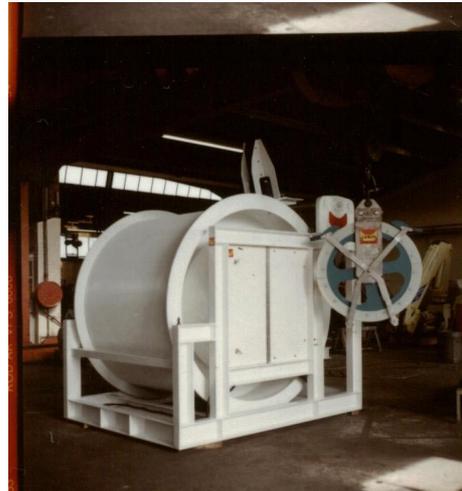




SEASOAR WINCH - ELECTRIC



MODEL NO. W1525 - FAIRED CABLE WINCH



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The winch is a single drum type, and is electrically powered via 415V 3ph 60Hz electric supply. The drum drive is taken from a combined electric motor/gearbox unit which drives a gear ring, which is attached to the winch drum. The outboard side of the drum is supported in a ball bearing unit and the drum includes a mounting for a multi-slip ring unit for connection of the cable via a terminal box.

A junction box is fitted to the side of the winch and accommodates the connections from the slip ring and the instrument display unit. The slip ring outlet is via a male connector LMPBH-8-MP suitable for the deck cable. The display outlet is via a 10 way panel socket 18-1S.

The design of the winch allows for the motor/gearbox unit and the slip ring assembly to be mounted inside the drum barrel with the brake acting on the outside.

Positioned across the face of the drum is a roller type automatic spooling gear which is driven in unison with the drum rotation. The spooling gear assembly incorporates a Lebus type fairing elevator shoe which presents the fairing correctly for spooling onto the drum. This unit would be adjustable to suit the fixed angle of cable run to the hanging sheave assembly.

The control of the winch is via a manually operated control box which would be attached to a 5 metre lead at the winch to allow the operator to move around.

Drum Capacity	1000m of Rochester Cable with 750m being faired with flexi-nose fairing cable accommodated in a single layer with the fairing standing vertical on the helically grooved barrel.
Winch Performance	Hauling loads 0 to 1500 kgs when ship is steaming at approximately 2 knots. Static towing loads 5 tonnes. Hauling and veering line speeds are infinitely variable from creep to 60m./min.
Electrical supply	415 volt, 3ph, 60Hz or 380 volt, 3ph, 50Hz.

The whole winch would be built to suit a marine environment with all chain drives suitable guarded and all steel work prepared and painted to suit a marine specification.

Optional Extra	Line Speed, length and load display can be supplied for mounting locally or remotely.
Overall Dimensions	2.5 x 2.75 x 2.68 metres (length x breadth x height)
Approximate Weight	6300 kg excluding cable

