

Built-in Oceanographic Winch System



Description

Complete with operating room built into a 20' special sea container, the winch is designed as a complete handling system for a towfish.

The 20' container is divided into two sections and houses a winch room and a control room.

The operating room is air conditioned and insulated, and the floor is water sealed throughout. Entirely self contained, the system can be lifted from quay to ship as one unit.

This winch unit is designed to integrate with our LARS and wave compensation systems.

Container features and benefits

- Separate operation room and winch room
- Air-conditioned operation room
- Entirely water sealed container
- Insulated walls and doors
- Light and power supply connections
- Windows with shielding

Winch features and benefits

- Local, remote or radio control
- PLC control of length speed and tension
- Overhead right angle level wind
- Prepared for mounting of a Focal electrical/fibre optical slip ring
- Separate Hydraulic Power Unit included
- Long proven track record

Applications

- Towfish systems

System options

- Certification of lifting points according to International Labour Organisation (ILO 152) for lifting from quay to ship or for lifting according to offshore regulations
- Full certification of the winch system according to DnV's "Rules for Certification of Lifting Appliance – 1994" or equivalent
- Eexd zone II application
- Remote control for deck use or positioned in control container rack
- Hydraulic override function for adjustment of level wind during operation
- Cooling of hydraulic system for operation in hot areas
- Sacrificial sea-fastening brackets
- Non interchangeable quick release couplings for hydraulic hoses
- Extra control valve for A-frame operation or other hydraulic equipment

These are just examples of the options available



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