



Central Electro Hydraulic (CEH)

## Self-contained mooring winch

This self-contained, high-pressure electro-hydraulically driven winch is specified for newbuildings requiring hydraulic winches with a separate power pack integrated into each winch. The safe, stepless and speed controlled hydraulic winch system has no hydraulic pipe interfaces on deck.

**TTS**

Because this self-contained winch system has no hydraulic pipe interfaces on deck, this both reduces maintenance costs and minimises risk, for instance oil spillage from flange points or mechanical damage from external impact.

The main functions of the CEH mooring winch, such as working and slack line speed, rated pulling force and hydraulic control system settings, are thoroughly tested, though the winch is not subject to classification society rules.

**System advantages**

- Compact design ensuring minimum required space on deck
- Mono-lever control block regulating speed and torque
- Stepless speed control
- Automatic load measuring integrated into the hydraulic system for mooring control during port stay

- Independent operation of each winch
- Fully enclosed hydraulic system ensuring low maintenance budget and protection against external impact and weather
- An electric power cable

is the only interface needed for installation and operation of the winch

- No oil pipelines on deck therefore no risk of oil spillage on deck
- Electric switch cabinet integrated into each winch
- Self-aligned foundation

option ensures easy installation of the winch on deck, reduces installation time and provides the best access for maintenance of the deck area below the winch.

