



The Umbilical Lift Winch Assembly consists of a single plain cored drum, directly driven by a heavy duty, slow speed and high torque Hagglunds hydraulic motor. An automatic, fail-safe to on, spring applied / hydraulic release brake is fitted directly to the motor. The drum non-drive end allows access within the drum for junction box mountings/cable terminations and provides a facility for mounting a slip-ring assembly.

The automatic cable spooling device is driven from the main drum shaft, comprising a H.T. diamond threaded lead screw, a traversing roller / guide box and guide bars etc. It is assembled as a composite unit and bolted to the winch frame. The complete assembly is mounted on a sub-frame, complete with forklift pockets and protected by a bolted lift / collision frame.

A suitable rated 4-leg lift sling assembly is provided along with pad eyes test-certified for offshore requirements.

Features:

- Spooling gear override
- Remote control panels
- Local winch control
- Lebus salves fitted

Specifications:

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|------------------------------|---|
| • Pull 1 st Layer | 18 tonnes @ 0-40m/min
max speed= 60m/min |
| • Pull (top layer) | 12 tonnes @ 0-55m/min
max speed= 80m/min |
| • Drum Dimensions | 2000 O/D x1200 PCD x2600mm |
| • Break Holding Load | 180% FLT (min.) |
| • Power Required | 175kW duty approx. |
| • DNV Certification | 2.7-1 |

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