

ITC HHR040C: Safe Area Electric Driven Hydraulic Combi Reeler®



Equipment description:

Mounted in a protective lifting frame designed in accordance with DNV 2.7-1 / EN ISO 10855, supplied complete with certified lifting sling and ISO standard forklift pockets as well as integrated Deck Anchoring points.

The self-contained unit is designed to store, deploy, and retrieve umbilical or multi-core hose, while supplying hydraulic power to a range of equipment and tooling, particularly for subsea dive-support applications. The split tank ensures reeler-drive and tool-supply fluids remain fully segregated to eliminate potential cross-contamination. An integrated oil-cleaning system provides on-the-job flushing and separation ideal for subsea applications.

A rotary union has been incorporated into the design to permit continuous down-line supply during dynamic pay-in / pay-out.

Reeler and supply controls, system status and health indicators are fitted and displayed locally on the unit. Further variable speed and pressure control is available through stand-alone controls.



Designation & Protection:	Safe Area Equipment, CE marked / IP65
Drum Capacity:	200m of 8-hose bundle (approx. dia. 85mm 1x 1", 1x 3/4", 1x 1/2", 4x 3/8")
Drum Dimensions:	Ø1140 Core Ø1885 Flange 1000 Width (mm)
Max. Line Pull at core:	2000kg (may be limited to project specific applications)
Max. Line Speed at core:	21.5m/min (application specific limiting available)
Power Rating:	45 kW @ 50Hz
Power Supply Required:	440 V - 3ph - 50 Hz 460 V - 3ph - 60Hz (10m cable provided)
Lifting Method:	Certified BS EN 12079-1:2006 Slings, Forklift Pockets
Pump Type / Displacement:	single 80cc variable displacement axial piston pump
Max Flow @ Max Pressure:	140 L/min @ 210 bar @ 50Hz
Reservoir Oil Capacity / Type:	Drive: 60 Litres Working: 400 Litres / ISO VG 32
Rotary Union Connections:	8-way rotary union
Oil Cooling Method:	Air Blast (on-board, electrically driven)
Integrated Oil Conditioning:	Two-stage Triple-R unit
Unit Dimensions (L x B x H):	2230 x 2080 x 2484 (mm)
Unit Weight:	Tare: 4000 kg Max Gross: 5500 kg Payload: 1500 kg
Controls:	Reeler Pay-in / Pay-out Down-line Flow and Pressure Control Flow & Pressure Display
Starter Panel:	System Health Indicators Safety Shutdowns & E-stop