

ITC HHR030C: 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 / IP56
Drum Capacity:	260m of 3/4" 4SP twin hose 200m of 3-bundle 1/2" 2SN hose
Drum Dimensions:	Ø800 Core Ø1200 Flange 1200 Width (mm)
Max. Line Pull at core:	700 kg (may be limited for project-specific applications)
Max. Line Speed at core:	30 m/min (application-specific limiting available)
Power Rating:	22 kW @ 50Hz 26 kW @ 60Hz
Power Supply Required:	400 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:	Variable Displacement Load Sensing De-stroked to 35cc/rev Open Loop
Max Flow @ Max Pressure:	20 L/min @ 310 bar @ 50Hz 24 L/min @ 320 bar @ 60Hz
Reservoir Oil Capacity / Type:	Drive: 60 Litres Working: 200 Litres / ISO VG 32
Rotary Union Connections:	4x 1/2" Ports offer several termination options
Oil Cooling Method:	Air Blast (on-board, electrically driven)
Integrated Oil Conditioning:	Two-stage Triple-R unit
Unit Dimensions (L x B x H):	1490 x 1490 x 1700 (mm)
Unit Weight:	Tare: 2150 kg Max Gross: 3300 kg Payload: 1150 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