

# ITC HHR020C: 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.

<b>Designation &amp; Protection:</b>	Safe Area Equipment, CE marked / IP56
<b>Drum Capacity:</b>	260m of 3/4" 4SP twin hose 200m of 3-bundle 1/2" 2SN hose
<b>Drum Dimensions:</b>	Ø800 Core   Ø1200 Flange   1200 Width (mm)
<b>Max. Line Pull at core:</b>	700 kg (may be limited for project-specific applications)
<b>Max. Line Speed at core:</b>	30 m/min (application-specific limiting available)
<b>Power Rating:</b>	22 kW @ 50Hz   26 kW @ 60Hz
<b>Power Supply Required:</b>	400 V - 3ph - 50 Hz   460 V - 3ph - 60Hz (10m cable provided)
<b>Lifting Method:</b>	Certified BS EN 12079-1:2006 Slings, Forklift Pockets
<b>Pump Type / Displacement:</b>	Variable Displacement   Horse power limiting   46cc   Open Loop
<b>Max Flow @ Max Pressure:</b>	67 L/min @ 50Hz   80 L/min @ 60Hz. Max Pressure 350 Bar
<b>Reservoir Oil Capacity / Type:</b>	Drive: 60 Litres   Working: 200 Litres / ISO VG 32
<b>Rotary Union Connections:</b>	4x 1/2" Ports offer several termination options
<b>Oil Cooling Method:</b>	Air Blast (on-board, electrically driven)
<b>Integrated Oil Conditioning:</b>	Two-stage Triple-R unit
<b>Unit Dimensions (L x B x H):</b>	1490 x 1490 x 1700 (mm)
<b>Unit Weight:</b>	Tare: 2150 kg   Max Gross: 3300 kg   Payload: 1150 kg
<b>Controls:</b>	Reeler Pay-in / Pay-out Down-line Flow and Pressure Control Flow & Pressure Display
<b>Starter Panel:</b>	System Health Indicators Safety Shutdowns & E-stop

