



PRODUCT RENTAL

# Umbilical Reeler

Dual Certified  
ATEX / IECEx  
DNV 2.7-1 / Zone 1



**Asset RENTAL to global markets**

**PALM**

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PRODUCT RENTAL

# Umbilical Reeler

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**HCS Control Systems designs, manufactures, tests and supplies umbilical reelers to global markets.**

**RENTAL:** Our two rental systems are available for rent worldwide on a flexible rental term.

The rental systems has a 20 way hydraulic umbilical with 18 x 10000 psi and 2 x 15000psi lines terminated with 4 JIC female ends. The system has a safe working load of 2000kg with a maximum pull of 1250kg. The system is Hazardous Area Classification Zone 1, IIB T3 and the frame is fully certified & tested to DNV2.7-1.

HCS has designed and delivered hundreds of umbilical reelers for operation in virtually every oil and gas market around the globe.

For more information please contact a member of the Sales / Service team or email [sales@hcscl.com](mailto:sales@hcscl.com).



**Hazardous Area Classification Zone 1, IIB T3  
Frame fully certified to DNV 2.7-1**

### Technical Specification:

- Tare Weight of Reeler Assembly – 7 tonnes (estimated)
- Maximum Payload of Umbilical (Filled in Air - Including Contingency) - 3 Tonnes
- Maximum Gross Weight of Reeler Assembly - 10 Tonnes (estimated)
- Colour - HCS Blue
- 20 Line Hydraulic Umbilical - Ø85mm ±2mm x 458 metre length + 20% Contingency = 549 meters
- Minimum bend radius (Dynamic): 765mm
- Minimum bend radius (Static): 510 mm
- Safe Working Load: 2000 KG
- Maximum Pull (inner layer): 1250 KG
- Vertical Deployment Angle: 0-80°

- Horizontal Deployment Angle: 0-5°
- Brake Set to slip at SWL of Umbilical
- Operating Temperature: -20°C to + 40°C
- Frame Fully Certified & Tested to DNV 2.7-1
- Hazardous Area Classification: Zone1, IIB T3
- Serial Number Welded on Frame, as near to load plate as possible
- Earth bonding provided between reeler frame, doors, panels & cable trays
- Control Fluid: Water Glycol
- Interfaces - Air Supply: 1½" NPT Female (Crowfoot Optional)
- Utility Requirement - Air Supply: 25 L/Sec @ 6 Bar
- Air Quality to ISO 8573 Class 3 Required for Reeler Operation (Rig Air Supply must have a Minimum Air Quality of Class 6)



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