



Lower Your Operating Costs & Improve Safety

- **Trusted Partner** – Radoil has manufactured more Umbilical Reels than anyone in the World.
- **Patented Adjustable Fleet Angle** allows greater flexibility in locating equipment and more accurate sheave alignment.
- **Patent Pending “Smart Reel” Constant Tension** prevents damage to cable and equipment, never exceeding the riser speed
- **Patented Slip Clutch Safety Feature** Prevents Damage to the Cable and Equipment.
- **Powered Level-wind Adjustment** gives easy access to correct level-wind on the fly.
- **Proprietary Rotary Control Valves** allowing maintenance access from front side of valve.
- **Patent Pending Power Brake Assist** reduces air response time of braking.



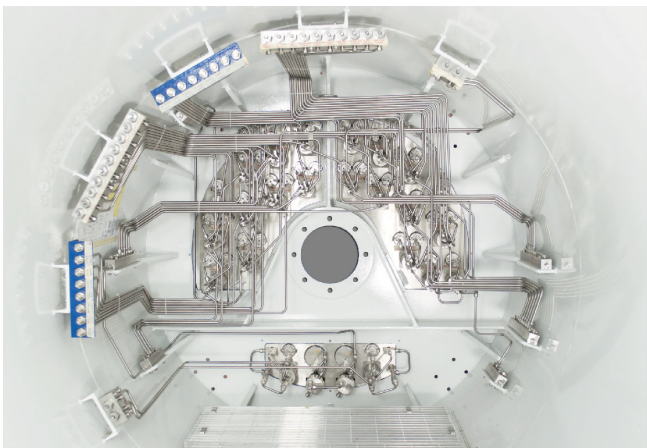
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PATENTED AND PATENTS PENDING

IWOCS



IWOCS Reels exterior gauges and valves



IWOCS Reels interior valves & hydraulic tubing connections

Common Uses

- Installation Workover Control System(IWOCS)
 - Tree Installation
 - Completion
 - Workover
 - Intervention
 - Plug & Abandonment
- Deepwater BOP Systems
- Hydraulic Multifunction Umbilical
- POD Hose Reels
- Discreet Reels

Radoil built **IWOCS** reels are designed to meet the customers hydraulic control requirements for vertical and horizontal well completions in various water depths. IWOCS reels can be designed to include as many hydraulic connections as requested for operation of the necessary hydraulic control functions and provide monitoring and testing during installation, intervention and workover of subsea completion equipment. IWOCS can also be used to control subsea tree functions and LMRP/BOP control system functions.

They are built and tested to be very sturdy and durable and contain the same safety and reliability features as our other reels.

The Reel Spool size is designed based on the length and diameter of the cable provided. Radoil can design these reels in a variety of sizes to meet the needs of most customers. If you have special requirements just let us know.

Features & Specs

- Adjustable Level-wind Fleet Angle
- Smart Reel Constant Tension
- Slip Clutch Safety Feature
- Handles up to 13,500 ft of 5.1" dia Umbilical/Hose
- Dual High Torque Drive
- High Pressure Hydraulic Swivels
- Explosion Proof Controls
- Proprietary Rotary Control Valves
- Balanced and/or Light Weight Spools
- Stab Plates with Support Slide Tracks or Jib
- Access to Controls (Operator Platforms)



REELPOWER
OIL & GAS
RADOIL  **TULSAPOWER**

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WE SOLVE DEEPWATER PROBLEMS

Our goal is to identify challenges, design innovative solutions and manufacture quality products that solve your deepwater problems. Our business is saving you time and money.