



High performance under extreme pressure, DSTI rotary unions are known for reliability in harsh marine environments.

DSTI's wide-ranging experience in marine and offshore projects assures customers receive advanced rotary union design solutions according to their needs.

DSTI's stringent quality standards produce fluid swivel products that are designed and manufactured to meet customer-specified requirements and applicable certifications (API, ATEX, CE, and others).

Applications

- + Rotary Unions For Offshore Hose Reels
- + Swivel Bends For Marine Dredging & Excavation
- + Fluid & Electrical Swivels For Marine Propulsion Systems

» 3rd Party Validation & Witness Testing Options

» Exclusive DSTI High Pressure Sealing Technology

- + SINGLE PASSAGE + 5 RPM + 100 PSI
- + 20" FLANGE CONNECTION + MEDIA: MUD
- + MATERIAL: CARBON STEEL



Specialized Example 1 - designed for a water and sand transfer system for a sea floor dredging application. Features include a load bearing design and a specialized plating/coating for abrasive media service.

- + 12 PASSAGES + 5 RPM + 15,000 PSI
- + MEDIA: OIL + MATERIAL: STAINLESS STEEL



Specialized Example 2 - designed for an offshore umbilical hose reel application. Features include a high pressure, all stainless steel construction and sealed bearings to protect the union from the saltwater environment.

- + SINGLE PASSAGE + 5 RPM + 500 PSI
- + 6" FLANGE CONNECTION + MEDIA: OIL
- + MATERIAL: STAINLESS STEEL



Specialized Example 3 - designed for subsea use for offshore oil spill response equipment. Features all stainless steel construction, chemical-compatible seals and integrated stainless steel bearings.

About Us



DSTI specializes in the design and manufacturing of application-specific fluid solutions worldwide.

Between our proven technology and long-term experience working with highly complex applications, we aim to achieve our customers' project goals by reducing costs, increasing efficiency, and decreasing risks.

Our core business segments are fluid rotary unions, electrical slip rings, and value-added products and services providing a single-source solution from design and manufacturing through to testing and qualification - all under one roof.

We conduct our operations to ensure our people work together and take responsibility for the health and safety of ourselves and others, to minimize our impact on the environment and to ensure the best quality in products and services.

IN-HOUSE CAPABILITIES & SERVICES



Engineering & Simulation



Project Management



CNC Precision Machining



Assembly, Testing & Qualification



Inspection & Quality Management



Welding & Fabrication

See project examples at www.dsti.com/industries

