DSTI is a leading designer and manufacturer of specialized fluid rotary union and swivel joint products specifically engineered for oil and gas applications.

DSTI’s fluid swivel products are designed and manufactured to meet customer-specified requirements and applicable certifications (API, ATEX, CE, and others).

### Applications

- **Single Passage Frac / Mud Swivels For Coiled Tubing**
- **Multi-Passage Swivels For Service Reels**
- **Shaft-Mounted Safety Plug Valve Unions**
- **Pipe-Handler Hydraulic Swivels For Top Drive Systems**
- **Wash Pipe Swivels For Rotary Well Drilling**
- **Swivels For Pipe-Handling (Casing Running Tools)**

### DSTI rotary unions integrate into customer equipment and are designed and tested in accordance with API requirements.

**Exclusive seal designs for rugged duty and high pressure applications**

- **SINGLE PASSAGE**
  - **50 RPM**
  - **10,000 PSI**
  - **MEDIA: MUD**
  - **MATERIAL: CARBON STEEL**

**Value added service & sub-assemblies**

- **8 PASSAGES**
  - **50 RPM**
  - **2,450 PSI**
  - **MEDIA: OIL**
  - **MATERIAL: STAINLESS STEEL**

- **20 PASSAGES**
  - **5 RPM**
  - **3,000 PSI**
  - **MEDIA: OIL**
  - **MATERIAL: CARBON STEEL**

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**Specialized Example 1** - designed for a high pressure abrasive media application. Features include a customer-specified construction designed to API specifications for load bearing and replaceable internal wear components for field servicing.

**Specialized Example 2** - designed to supply oil to a clamping mechanism for an oil field equipment application. Features include a customer-specified construction designed to undergo extreme conditions and integrate into customer equipment.

**Specialized Example 3** - designed for a service hose reel for coiled tubing well intervention. Features include customer-specified flange mount design and integrated heavy-duty bearings. Additionally, the design incorporates passage / port connections on both ends to reduce sealing diameter.
**About Us**

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.

DSTI specializes in the design and manufacturing of critical oil and gas fluid solutions worldwide.

See project examples at [www.dsti.com/industries](http://www.dsti.com/industries)

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