



Enhancing longevity, DSTI rotary unions incorporate exclusive seal technology to provide superior performance.

From design to reality, DSTI delivers specialized, multiple-passage rotary unions that feature load bearing capabilities and electrical slip ring options for data transfer.

Combining experience and the latest in quality control and manufacturing innovation, DSTI provides specialized rotary union products to OEM's & system integrators. Designs can include heavy duty bearings, stainless steel construction, and cross talk protection.

Applications

- + Rotary unions for multi-material injection molding applications
- + Rotary unions for blow molding equipment
- + Specialized rotary unions for rotary table integration

» Load bearing designs & heavy-duty bearings

» Integrated electrical slip ring options

+ 14 PASSAGES + 10 RPM + 3,000 PSI
+ MEDIA: GAS, OIL, WATER + STAINLESS / CARBON STEEL



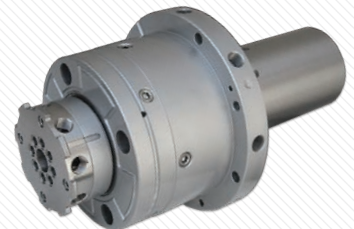
Specialized Example 1 - designed for a plastic injection molding application. Features load bearing integration and an electrical slip ring for data transfer.

+ 8 PASSAGES + 15 RPM + 3,000 PSI
+ MEDIA: OIL, WATER + STAINLESS STEEL



Specialized Example 2 - designed as a direct OEM replacement for a plastic molding application. Features a specialized construction designed to fit into the existing envelope and an integrated electrical slip ring, bearings, and crosstalk protection.

+ 12 PASSAGES + 30 RPM + 100 PSI
+ MEDIA: WATER + STAINLESS STEEL



Specialized Example 3 - designed to supply coolant to a plastic molding application. Features include a specialized design for integration into a customer rotary table and a modular construction for easy servicing.

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

