Industry

Food & Beverage

Increasing operational speed and efficiency, DSTI’s rotary unions deliver the highest performance and reliability.

Customers worldwide rely on DSTI rotary unions for clean, efficient and reliable fluid transfer to maximize production. DSTI designs specialized rotary unions for use in all types of food packaging & processing equipment.

To maintain the highest quality standards and to meet all environmental and safety requirements, DSTI rotary unions are designed for CIP service and feature FDA compliant seal materials.

Applications

+ Rotary unions for rotary filling equipment applications
+ Steam rotary unions for bottle washing applications
+ Shaft mount rotary unions for clean air transfer
+ Rotary unions for material handling systems
+ Specialized rotary unions compatible with corrosive media
+ Rotary unions for washdown environments

Specialized Example 1 - designed for a rotating viscous hair product filling system. Features include smooth flow passages, protected bearings for service in a wash-down environment and FDA approved seal materials.

Specialized Example 2 - designed for a grain processing application. Features a direct OEM replacement design with integrated bearings and specialized seals for dust contamination prevention.

Specialized Example 3 - designed for a bottle packaging machine application. Features include a specialized electrical slip ring protected with a stainless steel cap and IP 68 rated receptacles.

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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 application-specific fluid solutions worldwide.

See project examples at www.dsti.com/industries

IN-HOUSE CAPABILITIES & SERVICES

- Engineering & Simulation
- Project Management
- CNC Precision Machining
- Assembly, Testing & Qualification
- Inspection & Quality Management
- Welding & Fabrication