

# Industry Food & Beverage

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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.

## APPLICATION EXAMPLES

- + 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

Clean Fluid  
Transfer

CIP Compatible  
Design

Electrical Slip Ring  
Integration

+ 3 PASSAGES + 20 RPM + 100 PSI  
+ MEDIA: AIR, VISCOUS PRODUCT + STAINLESS STEEL



**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.

+ 2 PASSAGES + 10 RPM + 100 PSI  
+ MEDIA: GAS + STAINLESS STEEL



**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.

+ 6 PASSAGES + 10 RPM + 100 PSI  
+ MEDIA: GAS + STAINLESS STEEL



**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.

» See more specialized examples at [www.dsti.com](http://www.dsti.com)

DSTI offers an effective mix of engineering expertise and manufacturing technology to ensure our customers' project goals are always achieved.



**Engineering & Product Design**



**Simulation & Design Verification**



**CNC Precision Machining**



**Inspection & Quality Management**



**Assembly, Testing & Qualification**



**Value-Added Products & Services**

## Company

Worldwide, DSTI provides fluid and electrical product technology for a range of critical industry applications. We offer integrated solutions to help our customers achieve their project goals, from design and manufacturing through to testing and qualification.

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

## Worldwide Industries

DSTI's collective experience in a wide range of industries drives the solutions we provide and assures our customer's projects achieve the highest in performance and reliability.

- ⊕ Aerospace
- ⊕ Alternative Energy
- ⊕ Construction & Agriculture
- ⊕ Defense
- ⊕ Factory Automation
- ⊕ Food & Beverage
- ⊕ Machine Tool
- ⊕ Marine & Offshore
- ⊕ Medical
- ⊕ Metal Production
- ⊕ Oil & Gas
- ⊕ Plastic Molding
- ⊕ Semiconductor

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

