



# FOOD & BEVERAGE FEATURED INDUSTRY



## Expertise That Improves Food & Beverage Process Efficiency

Today's modern food and beverage manufacturers are expected to produce outstanding quality, high-volume products while containing costs.



Food and beverage companies can streamline and optimize their processes using machine control systems, end-of-arm tooling, bar code scanners, RFID automated identification systems, mixers, gauges, conveyors, liquid process filtration, and much more!

Cento, Inc. helps food and beverage manufacturers exceed rigorous food safety and quality standards, save labor costs and meet an ever-growing demand.



## Benefits of Automation, Instrumentation, Process, Sanitary, and Filtration Solutions in Food & Beverage Processes

- Ensuring Compressed Air Quality
- Improved Sanitation
- Improved Quality
- Improved Safety
- Higher Cycle-Rates
- Repetitive Task Optimization
- Ensuring Food Safety
- Maintained Hygiene Standards
- Food-Safe Lubricants
- Chemical Resistance
- Reduced Machine Downtime



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All product lines may not be available in all areas



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## Featured Food & Beverage Manufacturers

### **ACE CONTROLS | Automation and Robotics Division**

ACE leverages our suite of services to drive performance and operational enhancements for our customers in the food and beverage industry. The large collection of damping products from ACE can be filled with food-grade oil for food processing applications.

### **AIRSWEEP | Filtration & Process Systems Division**

AirSweep is used in the factories of some of the biggest food manufacturers in North America. AirSweep releases high-pressure, low-volume air pulses that slice through material blocks just like an air knife.

### **ALFA LAVAL | Process Systems & Sanitary Division**

Alfa Laval's innovative equipment enables gentle and sustainable production of a wide range of food and beverage products. Their solutions ensure hygienic production, efficient cleaning-in-place (CIP) of equipment, and comply with the most stringent regulatory standards for hygienic applications.

### **ASHCROFT | Instrumentation, Measurement and Control Division**

In the food and beverage industry, preventing product contamination is one of the most significant challenges companies face. Ashcroft produces instrumentation with hygienic process connections, especially for this specialized industry.



In food production, vibration may be essential. While this step is necessary, these vibrations can disrupt other aspects of food manufacturing processes. ACE Controls leveling mounts are a reliable way for food industry operations to isolate these often intense vibrations and oscillations.



Alfa Laval AFPX separators are used in meat, fish, and blood processing industries to purify and enhance the recovery of valuable protein fractions, fats, and oils. These robust and high-performing separators are specially designed for highly demanding separation duties to meet the challenging requirements of the food industry.



Handling food requires the greatest care. The CL03 Series valves from AVENTICS are suitable for use with direct food contact. They feature an exceptionally high protection class of IP69K and the particular resistance of the high-tech polymer to aggressive chemicals and cleaning materials.



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### **AVENTICS | Automation and Robotics Division**

AVENTICS' (formerly Bosch Rexroth Pneumatics) carries a wide range of products that have been tailored to the requirements of the food and beverage industry with matching components and comprehensive solutions that are both safe and efficient enough for this specialized industry.



### **BINDER | Instrumentation, Measurement and Control Division**

Binder flow and level sensors are used in a wide variety of industries around the world, including the food and beverage industry. Typical food industry applications for Binder devices are grain inventories, food ingredients, and pelletized packaging materials.



### **COMPACT | Automation and Robotics Division**

Compact cylinders are well known for their lightweight, corrosion resistant motion control solutions. Composite Cylinder is a premier motion control solution for food-grade applications, or wherever lightweight, wash-down, and corrosion resistance is required.



### **DORNER | Automation and Robotics Division**

Dorner AquaGard and AquaPruf Series Conveyors are world-class food handling and processing conveyors. They are highly sanitary and built to operate fast and clean up to 2x more quickly than the competition. These conveyors have a stellar track record in helping businesses maximize efficiency.



Ashcroft temperature and pressure instruments are used in various food, and beverage applications, including poultry farms, process and automation operations, breweries, and wineries. The Ashcroft 1032 Sanitary Pressure Gauge and Sanitary Thermowell are designed to excel in food and beverage applications.



In feed mills, it is imperative to maintain proper inventory levels of bulk materials. Binder Point Level products inform your operation when a vessel requires filling or to be emptied. The Roto-Bin-Dicator Paddlewheel Series is ideal for lightweight, small, granule-type materials.



Dorner has vast experience with ready-to-eat foods such as sandwiches, meals, parfait cups, salads, and more. They design and build conveyors that can efficiently clean and sanitize. The AquaPruf® and AquaGard Series Conveyors are the ideal standard conveyor solution for ready-to-eat food production.



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## Featured Food & Beverage Manufacturers

**Eurotherm.**  
by Schneider Electric

### **EUROTHERM | Instrumentation, Measurement and Control Division**

Eurotherm's precision process control solutions help food and beverage manufacturers to improve efficiency and product quality, as well as make their processes more sustainable while complying to relevant industry standards.

**FABCO-AIR**

### **FABCO AIR | Automation and Robotics Division**

Fabco-Air pneumatic cylinders are available in food-grade variants that offer exceptional moisture and chemical resistance for a wide variety of applications such as meat, poultry, and fish processing. Fabco-Air food-grade cylinders come with corrosion-resistant seals and FDA-approved lubricants.

**Foxboro.**  
by Schneider Electric

### **FOXBORO by SCHNEIDER ELECTRIC | Instrumentation, Measurement and Control Division**

Foxboro offers a complete breadth of accurate, reliable, and worry-free flowmeter solutions that are reliable and have a lower cost of ownership and maintenance. With a hygienic design in conformance to FDA requirements, the 9600A flowtube is ideal for the food and beverage industry.



### **INNOVATIVE AIR | Filtration & Process Systems Division**

Innovative Air Technologies (IAT) dehumidifiers are in use in countless industries including the food and beverage industry. Refrigerated display cases, fruit and vegetable storage, and refrigerated warehouse floors all benefit from IAT's condensation prevention technology.



The pasteurization of milk products is a process that is heavily regulated for the safety and well being of the public. Eurotherm digital data recorders offers a range of data recording solutions and features to help dairy processors meet PMO requirements and other regional regulations.



Exposure to moisture and chemicals from washdowns is often a big concern in food and beverage production. But, equipment design doesn't have to sacrifice short strokes, compact size, and durable construction. The plastic body cylinder from Compact Automation is designed for washdown applications..



IAT dehumidifiers are in use in food and beverage industries to prevent condensation in refrigerated display cases, refrigerated display cases, and fruit and vegetable storage. Breweries, grain, and seed storage providers rely on IAT dehumidifiers for mold and fungus prevention.



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**SPXFLOW**  
Lightnin'

### **LIGHTNIN' SPX | Process Equipment & Sanitary Products Division**

Mixing, stirring, and blending products are fundamental operations in Food & Beverage processing. SPX FLOW has a process solution for a wide variety of mixing applications. Lightnin Mixers comply with Food Safety Regulations 3A, FDA, and CE standards

**MASTERDUCT**  
Connecting Values

### **MASTERDUCT | Filtration & Process Systems Division**

Masterduct's line of Antistatic, food-grade hoses are engineered using the most advanced technology available to conquer the daily manufacturing, processing, and conveyance challenges of the food and pharmaceutical industries by eliminating static electricity at the source.

**numatics**

### **NUMATICS | Automation & Robotics Division**

Many of the Numatics cylinder lines offer restricted surface area retention to allow easy cleaning and minimize the possibilities of contamination build up in the food and beverage industries while also allowing for easy cleaning procedures.

**Parker** Balston

### **PARKER BALSTON | Filtration and Process Systems Division**

Parker manufactures its Balston branded products within strict guidelines of a total quality management program. Parker Balston Steam Filters eliminate particulate contamination of food products caused by direct contact with dirty steam.

**SCHMALZ**

### **SCHMALZ | Automation and Robotics Division**

Food, beverages, pharmaceuticals, and many other sectors have a notable impact and their choices on the packaging industry are based off of consumers. Vacuum technology from Schmalz offers the most technologically advanced FDA-compliant solutions.



The Lightnin' industrial mixer portfolio covers both portable and larger fixed-mount units that comply with Food Safety Regulations 3A, FDA, and CE standards Lightnin' equipment provides prolonged, trouble-free operation in the most demanding food and beverage applications.



The Numatics S Series Stainless Steel NFPA Interchangeable Cylinder is a stainless steel NFPA Interchangeable pneumatic cylinder line. It's popular in the food and beverage industry because it is designed and built to perform in the most demanding "wash down" applications.



The food and beverage and pharmaceutical industries have the highest standards for suction cup materials. Schmalz suction cups for the food and beverage industry are made using FDA-compliant materials and also comply with EC Regulation No. 1935/2004.



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Our Mission is to be regarded by our customers and community as the best suppliers of automation and control product solutions to industry.

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