



AD ANDERSON PROCESS

FOOD & BEVERAGE PROCESS EQUIPMENT BUILT TO STAND THE TEST OF TIME



**FOOD &
BEVERAGE
SOLUTIONS**



FOOD & BEVERAGE

PROCESS EQUIPMENT, SOLUTIONS, & SERVICES



We Know Food & Beverage

In the dynamic and fast-paced Food & Beverage industry, facilities face a variety of challenges that can impact both profitability and operational efficiency. From managing delicate ingredients to ensuring hygiene and product consistency, operators must navigate complex processes to maintain high-quality standards and reliability. At Anderson Process, we understand these unique challenges and are committed to providing process equipment built to last.



Expertise You Can Trust

- Large Team of Process Equipment Professionals
- Application and Systems Engineers
- Dedicated Product Managers and Support Staff
- Comprehensive Process Equipment Experience and Knowledge
- Customer-Driven Integrated Solutions Approach
- Committed to the Profitability of our Clients



Technology to Serve You Better

- Streamlined Ordering Through E-commerce
- Electronic Data Interchange (EDI) Capabilities
- Order Tracking and Inventory Management
- RFID-Driven Automated Tracking Systems
- Comprehensive Invoice and Quoting Systems
- 2D/3D CAD Modeling Services



Streamlining Your Process

- Integrated Solutions Across All Process Equipment Categories
- One Source Supplier for Your Process Needs
- Product Recommendations that:
 - Reduce downtime
 - Drive yield output
 - Lower maintenance costs
 - Increase Mean Time Between Failures (MTBFs)
 - Enhance profitability

Value-Added Services

To further enhance the longevity and efficiency of your process equipment, our value-added services include custom skid engineering, fabrication, comprehensive aftermarket pump repair, hose tracking, testing, and refurbishment programs. These services safeguard your investment and maximize the performance and value of your equipment, helping you maintain peak efficiency throughout your operation.

Food & Beverage LINE CARD

Pumps



Hose & Fittings



Filtration



Vacuum Pumps & Blowers



Process



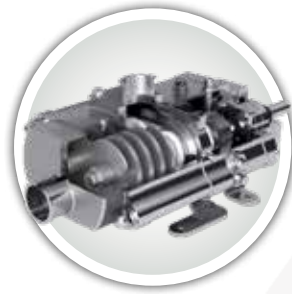
Not all products available in all locations

PUMPS



HYGIENIC CENTRIFUGAL

Low-viscosity
Juices, Milk, Beverages



TWIN SCREW

Thin to High-viscosity
Beverages, Chocolate,
Syrup, Oils



AIR-OPERATED DOUBLE DIAPHRAGM

Thin to High-viscosity
Solids handling, Sauces, Oils,
Condiments



ELECTRIC-OPERATED DOUBLE DIAPHRAGM

Thin to High-viscosity
Solids handling, Sauces,
Oils, Condiments



ECCENTRIC DISC

Seal-less, Product Recovery
Juices, Sauces, Confections,
Syrups, Creams



CIRCUMFERENTIAL PISTON

Thin to High-viscosity
Condiments, Syrups,
Sauces, Oil, Yogurt



PROGRESSIVE CAVITY

Solids Handling, High-viscosity
Peanut Butter, Sauces, Dairy,
Meat/Fish, Confections



HYDRO-TRANSPORT

Produce Transport
Peas, Corn, Beans, Pickles,
Potatoes



SUBMERSIBLE

Fluid Transfer, Drainage
Wastewater, Tank Draining



INTERNAL GEAR

High-viscosity
Oils, Syrups, Molasses



MULTI-STAGE CENTRIFUGAL

Low-viscosity, High-pressure
Sanitation, Steam
Generation, Beverages



PERISTALTIC

Low-shear, Precise
Sauces, Slurries, Chemicals



HIGH-TEMP CENTRIFUGAL

Fluid Transfer, Drainage
Hot Water, Oil



PITOT TUBE

High-pressure
Washdown, Sanitation



SELF-PRIMING CENTRIFUGAL

Air Pocket Handling
Wastewater, Tank Draining



ANSI CENTRIFUGAL

Low-shear, Precise
Water, Slurries, Chemicals

PROCESS EQUIPMENT



UNLOADERS

Piston, AAOD, Twin Screw



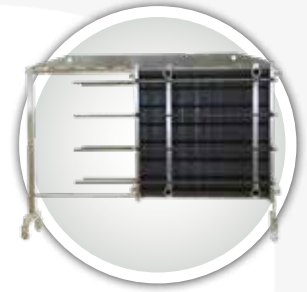
VACUUM & BLOWERS

Wet/Dry, Central Systems,
Point of Use



FILTRATION

Bags, Cartridges, Housings,
Custom Systems



HEAT EXCHANGERS

Plate & Frame, Shell & Tube,
Air-Cooled, Custom



IN-TANK MIXERS

Clamp-on, Top-entry,
Bottom-entry, Side-entry



HIGH-SHEAR IN-TANK MIXERS

Dissolve, Homogenize,
Disperse, Emulsify



INDUCTION SYSTEMS

Mixing powders into liquid



HOMOGENIZERS

High-pressure, High-shear,
Ultra Sonic, Colloid Mill, Valve

HOSE, FITTINGS & ACCESSORIES



FOOD & BEVERAGE HOSE

FDA, USDA, & 3A
Edible Liquids & Solids
(Dairy, Beverages, Syrups,
Ingredients)



CHEMICAL HOSE

OSHA, REACH, & RoHS
Aggressive and Hazardous
Chemicals



AIR, WATER & MULTI-PURPOSE HOSE

Durable, Light, Flexible
Air Transfer, Washdown,
General Purpose



THERMOPLASTIC HOSE

Non-reactive, Hygienic
High-pressure Applications,
Transfer



INSTRUMENTATION

Flowmeters, Pressure Gauges,
Sensors & Transmitters



CLAMPS & COUPLINGS

Sanitary Hose Clamps, Quick
Disconnect Couplings, Fittings



VALVES

Hygienic Ball, Butterfly, Globe,
Pressure Relief, Actuated



WASHDOWN EQUIPMENT

Low-flow & Heavy-duty Spray
Guns, Steam Cleaning

CUSTOM FOOD & BEVERAGE SOLUTIONS



ENGINEERING, DESIGN & BUILD SERVICES

Our custom skid design services enable fluid-processing applications facing unique challenges to deploy optimized equipment solutions. Our experienced application engineers and technicians work closely with customers to understand both their current processing issues and long-term production goals. They then design and fabricate a process skid constructed of industry-leading OEM parts engineered to streamline operations, drive efficiency and enhance production yield.



FDA FOOD PRODUCT TRANSFER



Customer:

Food Manufacturer

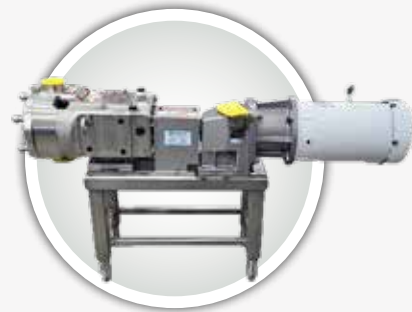
Problem:

Customer required a mobile solution for pumping food product from multiple locations within their facility.

Solution:

We fabricated this custom portable air-operated double diaphragm pump cart with a mounted Wilden Hygienic Series 1" pump on a portable stainless steel cart with 2" square tubing. The cart includes a RTi-PBE filter regulator, Dixon Valve air shut-off valve, Tudertecnica Glidotech product hoses and a Continental Contitech air hose. Along with the key components, the cart has a hose rack and heavy-duty 6" casters to easily maneuverable through the production facility to service multiple applications.

MAPLE SYRUP TRANSFER



Customer:

Food Manufacturer

Problem:

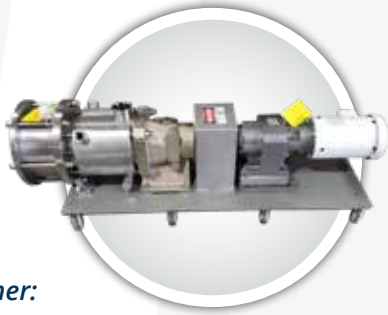
Customer needed to efficiently transfer maple syrup.

Solution:

We delivered a custom pump assembly using the Ampco ZP Series pump. This pump is designed to handle syrup at 30-40 GPM and 80-100 PSI, depending on viscosity.

We mounted the pump horizontally to make installation easier and improve drainability. It's powered by a 5 HP Baldor motor and a Nord Helical Gear Reducer for smooth operation. The whole setup stands on its own with 1" and 2" stainless steel square tubing, plus adjustable stainless-steel legs for added flexibility.

CHOCOLATE & FLAVORINGS



Customer:

Chocolate Manufacturer

Problem:

Customer needed to reliably pump chocolate and flavorings throughout their facility.

Solution:

We delivered 8 pumps skids in total, with pumps ranging from Mouvex's large SLS36 (up to 158 GPM), down to their model SLS12 (just over 50 GPM). The pumps were all fitted with Jacketed heads to keep the Chocolate/Flavorings at a consistent temperature. The systems utilized Baldor washdown duty motors and Nord Gear boxes. They were mounted on 304 Stainless Steel bases with adjustable feet for additional stability.

VEGETABLE TRANSFER



Customer:

Vegetable Processor

Problem:

Customer needed to reliably pump carrots through facility.

Solution:

We built a 4" Cornell food processing pump assembly on a custom stainless steel frame and powered it with a 7.5 HP Toshiba motor to deliver the turnkey solution. The unit can pump up to 825 GPM and is built with an offset volute and enclosed, single-port impeller to pass product without damage.

The pump was attached to a custom-fabricated Hydro-Transport product tank that was built to help collect and move product into the pump.



PORTABLE DISTILLERY PUMPS



Customer:

Distillery

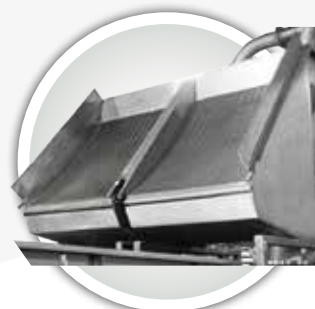
Problem:

A start-up distillery needed portable pumps to pump different products into tanks.

Solution:

We supplied two versatile pumping systems for efficient product transfer. The first system included five Ampco sanitary centrifugal pumps, each equipped with WEG variable speed drives (VFDs) mounted on the cart. The second featured three 1-inch Wilden FDA pumps with air filters and regulators. To enhance mobility, both systems were mounted on stainless steel carts with food-grade wheels and a glass-beaded finish. With these portable solutions, the distillery can now seamlessly and efficiently pump various products into their tanks.

VEGETABLE WASHING & TRANSFER



Customer:

Vegetable Processor

Problem:

Customer needed to efficiently wash and transfer pickles for further processing.

Solution:

We helped design and build these all-stainless-steel hydrosieves. The wedge wire screen is 60" wide, with .125"-wide slot openings. The product falls over the top of the screen while water falls through the screen into a tank.

The system was completed with Cornell pumps sending product through the hydrosieve. There is a 6" flanged inlet into the Hydrosieve and an 8" flanged discharge out of the bottom.



Leverage our experience & expertise to enhance the profitability of your fluid processes.

We Keep Your Business Flowing

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