

Products Tailored for Breweries, Wineries, and Distilleries!



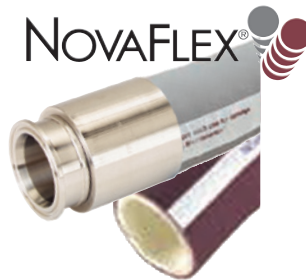
AMPCO
APPLIED PRODUCTS



Ampco Pumps Company



NOVAFLEX®



ALFA
LAVAL
Tetra Pak



Check out our ever expanding website!

1-800-361-5361 • 705-743-5361 • sales@harco.on.ca • www.harcosupply.com

SANITARY HOSES

Connoisseurs Food & Beverage Hose **Novaflex 6506**

Special kink and crush resistant suction and discharge hose, designed for those more demanding applications requiring a product that meets 3-A, FDA & USDA standards. REACH Compliant. Meets or exceeds the requirement of the Canadian Food Inspection Agency. Designed to meet the temperatures and chemical resistance associated with "cleaning in place" systems. This ultra smooth microbe resistant tube is built for non-oily applications, on special stainless steel mandrels for cleanliness.

Specifications: Tube: White Chlorobutyl (non oily applications).
Reinforcement: Multiple plies of polyester tire cord & dual monofilament helix.
Cover: Gray EPDM abrasion resistant. Temperature Range: -40°F (-40°C) to +240°F (+116°C) (Cleaning In Place to 248°F (+120°C)) Not for continuous steam service. Full Vac (HG) and WP 250 PSI

Authorized Distributor for

NOVAFLEX®



WASH DOWN HOSE EXTRUDED 5/8"

Harco offers a Extruded Hose that is flexible, lightweight and easy to handle, yet it is heavy-duty. This versatile hose resists oil, abrasives and fatty and lactic acids, and are designed to handle a wide range of temperatures and work pressures for a variety of applications.

It does not include a spray nozzle, however any mixing units and spray nozzles can be purchased along with this hose assembly to build a complete wash down system.

Available with brass/stainless steel ends.

- Tube: FDA White & Black Nitrile
- Cover: Smooth extruded rubber
- Connections: 1/2" x 3/4" Male NPT swivels
- Working Pressure: 300 PSIG
- Maximum temperature: 200°F



OTHER HOSES available

- Ducting
- Clear Reinforced PVC
- Supreme White
- Neptune
- FoodMaster
- Steam
- PSD
- and more



SANITARY PUMPS - Flow Components Authorized Alfa Laval & Tetra Pak Distributor

The highly efficient pumps supplied by Harco provide precision pumping for all kinds of fluids with different viscosities, and the desired functionality for gentle and cost effective food production.

- Centrifugal
- Rotary Lobe
- Liquid Ring
- Positive

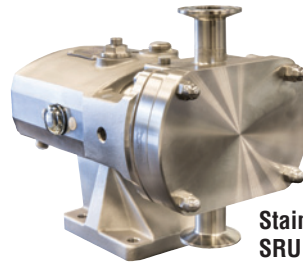
Applications: Brewing, Dairy, Food, and Pharmaceutical Industries.



Large Inventory of
OEM Spare Parts in stock.



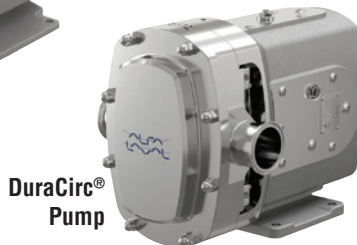
Twin Screw



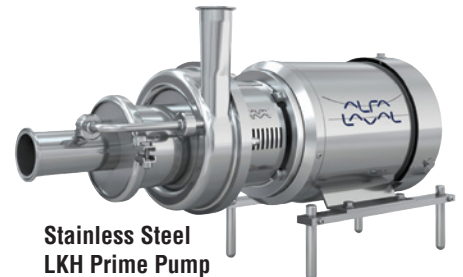
Stainless Steel
SRU Pump



LKH Pump



DuraCirc®
Pump



Stainless Steel
LKH Prime Pump

FOR MORE PUMPS, VISIT OUR WEBSITE AT <https://www.harcosupply.com/pumps/>

SANITARY VALVES - Flow Components Authorized Alfa Laval & Tetra Pak Distributor

The smart design of all valves supplied by Harco incorporate state of the art, precision engineered designs that meet or exceed current regulatory requirements. This category covers a wide range of valves for both sanitary, aseptic and non-sanitary applications.

- Unique - Mixproof - PMO
- Single Seat - SSV/7000 Series
- Shutter/Butterfly
- Regulating
- Sampling
- Automation
- LKC check valves

Applications: Brewing, Dairy, Food, and Pharmaceutical Industries.

FOR MORE VALVES, VISIT OUR WEBSITE AT <https://www.harcosupply.com/valves/>

ThinkTops V20, V50 and V70

takes valve control to a new level and all these new features are available on any Alfa Laval diaphragm, butterfly, single-seat and mixproof valves.

Benefits:

- Automatic valve recognition
- Automatic selection of tolerance band
- Fast Auto, Live and Flex Setup
- 360-degree LED indication
- Burst seat clean
- Exchangeable (threaded) air-fittings
- Interchangeable with ThinkTop class



Large Inventory of
OEM Spare
Parts in stock.



HEAT EXCHANGERS

For Sanitary, Industrial, Process Applications

Harco gives you access to a wide range of compact plate heat exchangers that are especially designed for pasteurizing, and other kinds of heating and cooling of liquid foods.



BRAZED PLATE HEAT EXCHANGERS

Alfa Laval brazed heat exchangers are a compact and efficient solution for heating and cooling duties using water, evaporation and condensing, coolants, oil and refrigerants.

CB brazed plate heat exchangers provide high thermal efficiency.

Optimized for demanding duties, **Alfa Laval's patented AlfaNova** is a unique fusion-bonded heat exchanger made from 100% stainless steel.



Plates & Gaskets For All Makes

For Heat Exchangers and Regasketing For All Makes



Authorized Distributor 



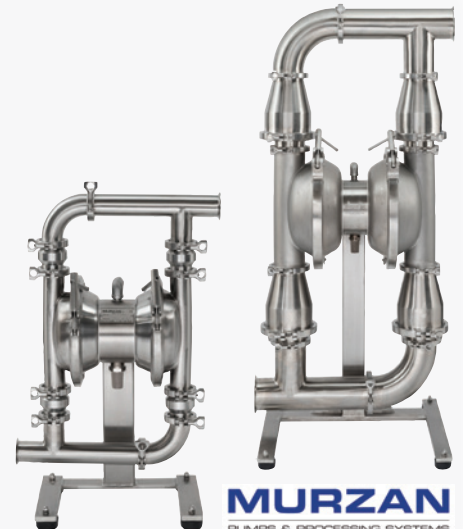
MURZAN PI-50 PUMPS

The Air-Operated Double Diaphragm Pump

Harco offers the Murzan PI-50 diaphragm pump, the only pump specifically designed to meet the exact requirements of the sanitary industries such as the food and beverage, meat poultry and seafood, cosmetic, pharmaceutical and biomedical industries.

The Murzan PI-50 air-operated double diaphragm pump is built entirely of the highest quality Stainless Steel. The calculated design of the PI-50 allows for easy and complete disassembly to provide total visual inspection of all wetted parts.

Each Murzan PI-50 diaphragm pump is equipped with the high efficiency, non-lubricated, oil-free air valve, ensuring the most sanitary environment for your plant and your product. User safe and efficient transfer of foods, cosmetics and pharmaceuticals — USDA listed, FDA approved, the PI 50 Series is manufactured to meet general 3-A standards. **Contact Harco for your Murzan PI-50 Pump or replacement part inquiries.**



MURZAN
PUMPS & PROCESSING SYSTEMS

AIC - JAD LINE HEAT EXCHANGERS

Stainless Steel and Coil Heat Exchangers

JAD shell & coil heat exchangers are distinctly characterized by their angular connections, and by the concentric layers of helically corrugated tubes within the shell. This unique design optimizes the performance and heat transfer efficiency of the units.

This line of heat exchangers is primarily designed for vertical installations and combined with their compact size, the JAD heat exchangers can be installed in virtually any application where space is a constraint.

JAD-Line Compact Vertical Heat Exchangers - Quality & Unique Fabrication

Shell & Coil Models are available in:

- Smooth or corrugated tubes
- H-Type: Straight, 90° angle connections

Standard Materials

- Stainless Steel 316L
- Complete welded structure

Maximum Working Pressure

- Up to 300 PSI (2.07 MPa)

Maximum Working Temperature

- Up to 422°F (216°C)



jad

ROLEC DH (Dry Hopping) Induction System

The simplicity of the ROLEC DH Provides Safe, and Efficient Hop Induction.



The ROLEC line **eliminates breweries safety concerns** of dry hopping on a ladder at the top of a tall fermenting tank. These **fully portable DH systems** powered by Ampco's in-line SBI shear blending pump are used at ground level.

The ROLEC dry hopping process maximizes pellet dispersion, flavor, and aroma. The increased surface area and forced contact produces dry hopped beer more efficiently than conventional methods – resulting in decreased tank-time and in many cases greater yield.

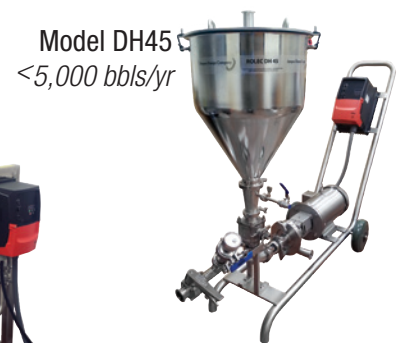
The SBI pump recirculates the fermenter while inducing dry hops and fruit, coffee, spices, nuts, honey, maple syrup and more, directly into the stream of beer; all from an oxygen free environment.



Model DH250
100,000 bbls/yr



Model DH90 ≈5,000 to
100,000 bbls/yr



Model DH45
<5,000 bbls/yr

HIGH SHEAR INLINE MIXER

The SBI-R00 Cellar Cart makes it possible for small batch brewers to decrease tank time, improve flavor profile and increase shelf life.



The **SBI-R00** is a unique and portable **hop blending unit** with many advantages over conventional cellar carts when used for fermenter recirculation. Allows small scale brewers the ability to chop hop pellets, improve hop yield and increase surface area, while simultaneously recirculating the fermenter. Uses a 1.5 HP motor and VFD which can be operated using 115V single phase power.

There has been tremendous market response to the ROLEC DH 45/90/250 Dry Hop systems utilizing the SBI-R10 and SBI-R20 blenders.

Specifications

- 1.5 HP 3500 RPM Motor
- Available voltages - 115V, 208V, 230V, 460V, 575V
- Up to 40 GPM / 9 m³/hr or 1.3 bbls/min recirculation rate
- Up to 50 ft head / 22 psi / 1.5 BAR
- NEMA 4X VFD
- Input cord available
- Stainless steel 2 wheel cart
- Can be used as cellar pump



CB+ Craft Brew Pump

Newest Addition to the AC Series of Pumps

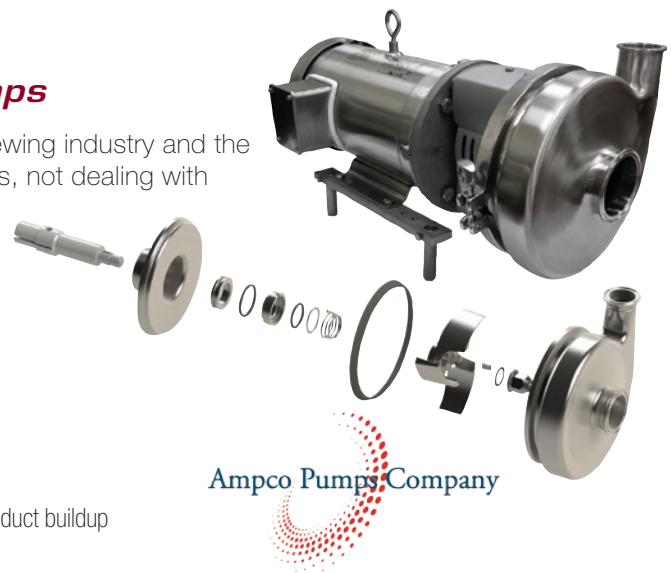
Ampco's new CB+ pump was designed specifically for the craft brewing industry and the aficionados who are passionate about creating their signature brews, not dealing with leaking pumps. Featuring a sanitary internal seal design that will keep seal faces cooler and minimize product buildup.

New CB+ pumps are hydraulically and dimensionally interchangeable with existing C Series pumps.

Ampco offers two CB+ conversion kits, allowing existing C Series and AC+ pumps to be converted to CB+ pumps.

Advantages:

- The internal seal is submersed in product to promote cooling
- Pressure within the pump creates a higher closing force on seal faces to minimize product buildup
- Internal spring agitates wort solids to avoid pooling on seal face



Ampco Pumps Company

CELLAR CART FOR BEER & CIP

Ampco's Cellar Cart is a lightweight, robust two-wheeled cart designed for maximum mobility. Constructed of stainless steel tubing, solid polypropylene wheels and is corrosion resistant. Built to customer specifications and can include any of Ampco's centrifugal pumps, positive displacement pumps, or blenders.



Ampco Pump Company

WINE & MUST CART Equipped with Ampco's ZP1 PD pump

Built to withstand harsh working environments – inside and out – this cart can stand up to whatever the application. Applications include wine and juice transfer, barrel work, filter, filling, and bottling supply.

Available in four standard model sizes. Options are available for each model.

Ampco Pump Company

Delivers Portable Transfer Technology



MADE-TO-ORDER Centrifugal Pump Carts

Harco's custom built **Centrifugal Carts** are lightweight, and a robust two-wheeled cart designed for maximum mobility. Constructed of stainless steel tubing, and corrosion resistant wheels. Built to customer specifications, and can include any of our centrifugal pumps listed below using the LENZE VFDS.

AMPCO PUMPS - AC+ & LF/
LC/LD Centrifugal Pumps

ALFA-LAVAL
- LKH,
LKH Prime &
SolidC Centrifugal
Pumps



Ampco Pump Company

NEW FLUX BARREL & CONTAINER PUMPS

FLUX barrel pumps and container pumps are suitable for pumping various thin, low-viscosity - also particularly aggressive and highly flammable - liquids. Due to the low weight of our barrel pumps, they can be easily carried from barrel to barrel. The simple handling of the motor and drum pump also enables short changeover times.

- F 560 FOOD eccentric worm-drive pump – for higher viscosity food



Bearing flange
version with
compressed-air
motor



Planetary
gear version
with three-
phase motor

Waukesha REPLACEMENT PARTS

**Cost Effective OEM Parts 100% Interchangeable
Guaranteed by Ampco!**

Save time and money with sanitary positive displacement replacement parts for your Waukesha Universal U1/U2 Series or any Ampco pump model.

We have a large stocked inventory of OEM sanitary pump spare parts you can confidently order replacement shafts, seal kits, alloy rotors, elastomers and more for quick delivery.



GASKETS *Large Inventory, Competitive Prices!*

All styles and sizes are maintained in stock to ensure you fast delivery of the highest quality gaskets at all times. Closures, Dust Covers, Filters, Strainers, Clamp and other styles are all available.



Gaskets for All Sanitary
Processing Equipment.

SANITARY FITTINGS HARCO GAUGES

These Hygienic Fittings meet the exacting demands for safety, reliability, efficiency and hygiene for standard duty in the food, dairy, beverage, personal care, biotechnology and pharmaceutical process applications.



Tri-Clover Inc.

3½" and 5" Sanitary Pressure, Homogenizer, & Pharmaceutical Gauges

Harco's own line of pressure gauges has been designed specifically for the harsh environments found in the dairy and food processing applications.



Sanitary Gauges



Homogenizer
Gauges



Digital
Thermometers

CFIA APPROVED SANITARY LUBRICANTS

For All Incidental Food Contact Food Processing Equipment



Haynes Lubri-Film
A heavy duty lubricant.



Haynes Silicone Spray



Lubricating grease and oils with high load bearing, low friction properties for all incidental food contact food processing equipment.

Enquire today for a complete list of information and applications for these lubricants, along with many of our other lubricants available!!

CALL 1-800-361-5361 or VISIT
<https://www.harcosupply.com/lubricants/>

Harco Sanitary Spray HL-7
Contains no animal or vegetable fats.



Petro-Gel
Purist of lubricants!

No. 1 Sanitary Lubricant Used In The Dairy Industry And Soft Serve Machines
Absolutely Tasteless & Odorless!

COLOUR CODED BRUSHES AND PRODUCTS



Deck-Wall Scrub Brushes



Hand Scrapers



Flat-Sided Pails & Lids



Ultra Hygiene Squeegees



Plastic Scoops



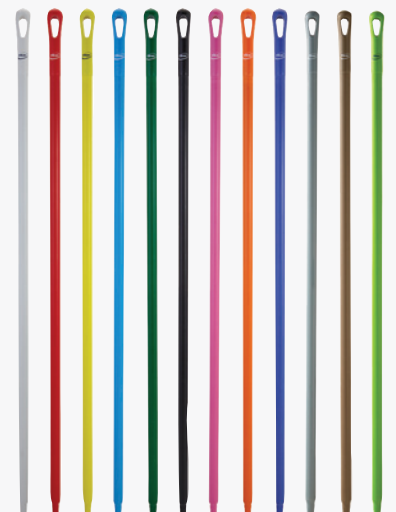
Plastic Shovels



Scrub Hand Brushes



Tank Brushes



Ultra Hygiene Polypropylene Euro-Thread Handles

BÜRKERT FLUID CONTROL SYSTEMS

Bürkert is unique in its product offering for measuring, controlling, and regulating fluids.

Their products are designed to be configured, delivered and installed as simply as possible. Their vast portfolio (28,000 types) of German engineered products are precision manufactured solely to contribute to the efficiency of your process.

Whether your area of process control involves temperature, pressure, pH, conductivity, flow or level, Bürkert has the products that can make your life simpler.

- Sanitary/Hygienic and Utility Valves
- Control Tops for Process Valves
- Flowmeters
- And more



**Authorized
Distributor**
bürkert
FLUID CONTROL SYSTEMS

Harco distributes equipment and replacement parts for the following lines:



DeLaval



MUELLER

Fristam PUMPS



THOMSEN

Rubber Fab



STERLING ELECTRIC, INC.

WILDEN

JABSCO

WEARWELL



VOLLRATH



The Right Connection

NOVAFLEX

CSE

NORD DRIVESYSTEMS



COLUMBIA PRODUCTS



Endress+Hauser

Bornemann



SPARTA BRUSH

spirax sarco

3M

MURZAN PUMPS & PROCESSING SYSTEMS



REMCO PRODUCTS



Ampco Pump Company

www.harcosupply.com

675 The Parkway,
Peterborough, Ontario K9J 7K2

HARCO
ENTERPRISES LTD.

800-361-5361
705-743-5361
sales@harco.on.ca