HARCO ENTERPRISES LTD.

SHOWCASE

Volume 22 Issue 1

Supply House To The Processing Industries Since 1964

PUMPS PARTS GASKETS NOZZLES HOSES VALVES SANITARY BRUSHES PAILS UTENSILS GAUGES LUBRICANTS MIXERS

Products for the Food and Beverage Processing Industries!

Ampco Pumps Company

AMPCO APPLIED PRODUCTS

burkert FLUID CONTROL SYSTEMS

Tetra Pak

ALFA LAVAL

Remco a Vikan company

CARLISLE FOODSERVICE PRODUCTS

NOVAFLEX®

Check out our ever expanding website!

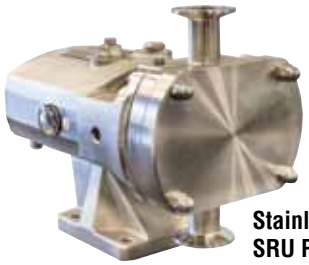
1-800-361-5361 • 705-743-5361 • sales@harco.on.ca • www.harcosupply.com

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.



Stainless Steel SRU Pump

LKH Pump

DuraCirc® Pump

Stainless Steel LKH Prime Pump

Large Inventory of OEM Spare Parts in stock.

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 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 ban
- 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.

SEPARATORS

For Every Duty

Energy-efficient models with high quality standards for a wide spectrum of applications. An advanced inlet and outlet design ensures gentle treatment during the entire separation process.

- Milk Clarification
- Hot & Cold Milk Separation
- Whey Clarification
- Whey Cream Separation
- USDA Accepted Whey Clarifier
- Anhydrous Milk Fat
- Buttermilk Separation

Authorized Distributor Tetra Pak ALFA LAVAL

HOMOGENIZERS

For Enhanced Product Quality

These machines are suitable for any process where high standards of hygiene and performance are essential.

Homogenizers have been associated with dairy products, but in recent years the food & beverage sector and many other industries have recognized the value of homogenization for enhanced product quality.

BÜRKERT VALVES

Authorized Distributor

HARCO offers a wide range of BÜRKERT valves for sanitary and utility use, along with a Hassle Free Control Top from BÜRKERT for hygienic process valves.

bürkert FLUID CONTROL SYSTEMS

SANITARY HOSES

Harco has the ideal hose for hygienic applications for transfer of grains, powders, flour, dry foods, oil, syrup, dairy products like milk and cream, juices, beer, wine, potable water and more.

STAINLESS STEEL MOTORS & DRIVE UNITS

HARCO offers a wide range of stainless steel motors and drive units to fit all pumps we supply. As well as TEFC Washdown protected or stainless-steel motors and drive units.

Harco has the ability to offer a complete customized package of pumps and motors assembled on a stainless steel base with VFD's to fit your specifications.

MADE-TO-ORDER Portable Sanitary Centrifugal Pump Carts

Harco's custom built **Centrifugal Carts** are lightweight, and a robust two-wheeled cart designed for maximum mobility. They are constructed of stainless steel tubing, durable and corrosion resistant wheels. Each versatile cart is built to customer specifications, and can include any of our centrifugal pumps listed below using the LENZE VFDS. Carts are ergonomically designed for ease of use in tight spaces.

AMPCO PUMPS

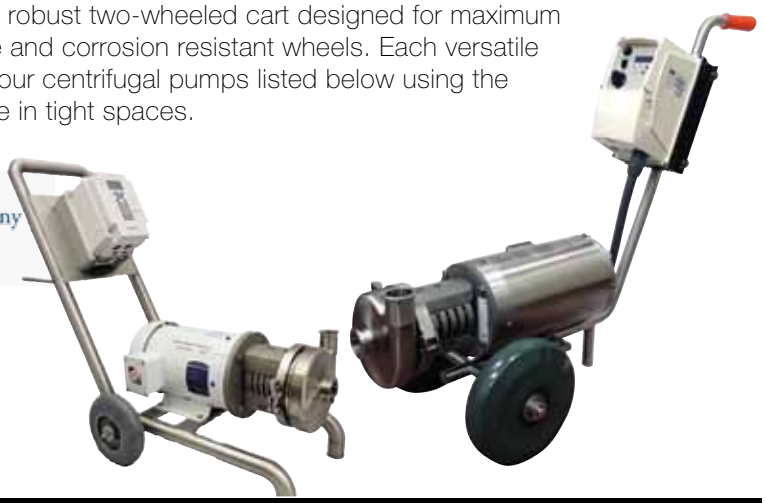
Ampco Pumps Company

- AC+ & LF/LC/LD Centrifugal Pumps

ALFA-LAVAL

ALFA LAVAL

- LKH, LKH Prime & SolidC Centrifugal Pumps



AMPCO PUMPS

Authorized Distributor

Ampco Pumps Company

ZP Series Pumps

ZP Series PD pumps have a 304 SS gear case on every pump. No more rusting, chipping and peeling. All stainless steel hardware, along with 17-ph H-1150 shafts, helical gears and 4-way mounting.

All can be rebuilt with over-sized rotors to extend the pump's useful life.

All are dimensionally and hydraulically interchangeable with other leading brands.

Ampco's ZP 3 SERIES offers multiple advantages:

- Front-loading seals for ease of maintenance
- In-line clean ability without further modifications
- New rotor case design for maximum efficiency
- Tungsten carbide seal faces for longer life

FOR MORE ON THESE ZP PUMPS, VISIT OUR WEBSITE AT: https://www.harcosupply.com/pumps/positive-displacement/zp-series-pumps/

Bornemann SLH Twin Screw Pumps

Bornemann SLH Series is the leader in twin screw pump technology. They are 3A- and EHEDG-certified for sanitary standards and provide tremendous capabilities.

Gentle handling of soft solids and viscous products, the SLH is virtually pulsation-free. Capable of processing and CIP, making the SLH a dual-duty pump.

TWO MODELS AVAILABLE: SLH-4G PREMIUM & SLH-4U STANDARD

Standard Features:

- 304 Stainless Steel Gearcase and 316L Stainless Steel Fluid End
- Handles up to 60% Entrained Air
- Multiple Screw Sizes & Screw Pitch Angles Available
- Helical Gears & Hardened Rotors

FOR MORE INFO, VISIT https://www.harcosupply.com/pumps/twin-screw/

AC+ Series Centrifugal Pumps

AC+ pumps are an economical solution to sanitary pump applications such as beverages, juice, dairy and pharmaceutical.

- Improved shaft design - Clamped stub shaft and threaded impeller nut provide more stable performance
- External dimensions are the same as AC pumps - no need to change piping
- Hydraulic performance is identical to the AC pumps
- 316L Stainless Steel construction
- Stainless Steel adapter
- Parts are 100% interchangeable with competing brands

FOR MORE INFO, VISIT https://www.harcosupply.com/pumps/centrifugal-pumps/

LC/LD/LF Series Centrifugal Pumps

- Dimensionally, hydraulically and parts are interchangeable with **Fristam**
- Stainless Steel Motor Adaptors
- SS Motors Available

LC SERIES Pump

High efficiency centrifugal pumps that meet all your sanitary requirements.

LF SERIES Pump - front loading seal design.

SP Series Centrifugal Pumps

The self-priming capability of these SP liquid ring pumps make them ideally suited for CIP return applications.

- Ability to handle products with entrained air - extremely efficient for emptying tanks and drums
- Handles shear sensitive products efficiently
- Single or double external mechanical seals
- 304 SS Standard adapters resist corrosion

MIXING & BLENDING SOLUTIONS

Harco offers a variety of sanitary mixers and blenders to ensure you have the solution you need. From powder and ingredient systems to in-line blenders and mixers, we have you covered.

POWDER-max

An innovative design allows POWDER-max to quickly blend wet and dry ingredients in a single, fully portable unit.

AMPCO APPLIED PRODUCTS

DRY-blend

DRY-blend system offers efficient and thorough blending of wet and dry ingredients.

SHEAR-blend

The SHEAR-blend system combines powder induction and fluid pumping as an economical solution to moderate powder induction applications.

SIMPLE-blend

The SIMPLE-blend is designed to induce powders at a highly efficient rate with minimal shear.

JET-shear

The JET-shear is used in open or closed tanks and totes, creating smooth consistent blends in tanks as large as 1000 gallons.

SBH/SBI SERIES BLENDERS

SBH - High shear blending and
SBI - Medium shear blending

SHEAR-max

HIGH SHEAR INLINE MIXER

The SHEAR-max can disperse, dissolve, emulsify, de-agglomerate, homogenize or simply blend.

CONTACT US TODAY FOR MORE INFORMATION OR PRICING

1-800-361-5361 OR SALES@HARCO.ON.CA.

FOR MORE INFO, VISIT OUR WEBSITE AT https://www.harcosupply.com/mixers-blenders/powder-ingredient-systems/

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 and U2 Series or any Ampco pump model. Many parts are ready for immediate shipment.

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.

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

Planetary gear version with three-phase motor

Bearing flange version with compressed-air motor

BALL VALVES

for the Food & Beverage Industries

DIXON *The Right Connection®*

Harco offers a full line of Dixon sanitary and non-sanitary 2- and 3-way ball valves with a manual handle or air actuation.

A number of sizes and connection types are available.

Applications:

- Isolation, Diversion, and Control

Features:

- 5 encapsulated seat materials available
- ISO 5211 mounting pad standard
- Optional 2-way V-port seat
- Various actuation and control packages

WASH STATIONS & SINKS, SHOVELS, PAILS, FORKS & PADDLES

Wash Stations & Sinks

Certified NSF/ANSI 372 low-lead and NSF/ANSI Standard 2 Food Equipment. Seamless welded construction of 14, 16 & 18 gauge type 304 stainless steel. Exposed surfaces have a blended uniform satin finish.

Shovels, Forks, Pails, Paddles & Utensils

Certified NSF/ANSI Standard 2 Food Equipment. Constructed from heavy duty, type 304 stainless steel with an electropolished finish to enhance corrosion resistance, improve surface finish and for ease of cleaning. Ideal for use in the food processing industry.

CFIA APPROVED SANITARY LUBRICANTS

For All Incidental Food Contact Food Processing Equipment

Haynes Spray
A light duty lubricant for fast application.

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!

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

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.

ALFA LAVAL

Tri-Clover Inc.

HARCO GAUGES

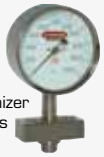
3½˝ and 5˝ Sanitary Pressure, Homogenizer, & Pharmaceutical Gauges

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

CSE

WINTERS



Homogenizer Gauges

Digital Thermometers

WASH DOWN EQUIPMENT

Reduce Water Consumption AND SAVE!!

ARCHON

Heavy Duty Rear Trigger Spray Nozzles

MODEL: RT12

Available in both bronze and stainless steel, with cover options including black, red and white.

Fully adjustable nozzle with automatic shut-off upon lever release for safety and reduction of water usage.

Steam & Water Mixing Station

MODEL: WD2010

Steam and cold water are thoroughly mixed to provide "instant" hot water on demand.

Features & Benefits:

- No carbonate build-up
- Internal steam and water check valves to prevent back-flow
- Fail-safe trigger-actuated spray gun or shut-off lance
- All units have a maximum allowable pressure of 200 psig steam
- Water supply pressure up to 150 psig

Strahman

Low Flow Nozzles

HYDRO-PRO-150 NOZZLE
Black, white, or red.

M-70 SERIES NOZZLE
With swivel adapter. Black (M-70), white (M-75), or red (M-77).

Automatic Water Saver Spray Nozzles automatically shut off the moment the lever is released, thereby eliminating all waste of water.

M-5000TG

A Steam and Cold Mixing Water Unit, designed to produce hot water instantly from a steady supply of steam and cold water. And is available in bronze or chrome-plated material.

M-5000TG/M-5700TG Unit

Required Steam Model No.	Required Steam Pressure*	Required Water Pressure*	GPM
M-5000 L**	80-95 lbs.	50-80 lbs.	5-7
M-5000 M	96-130 lbs.	50-80 lbs.	4.5-6
M-5000 H	130-150 lbs.	50-80 lbs.	4.5-6

* Steam pressure required at installation site to ensure proper operation of mixing unit. ** Standard unit supplied.

COLOUR CODED BRUSHES, MATERIAL HANDLING AND JANITORIAL PRODUCTS

Deck/Wall
Scrub Brushes

Single Blade Ultra Hygiene
Squeegees

Scrub Hand Brushes

Ergonomic
Hand Scrapers

Plastic
Scoops

Tank Brushes

Ultra Hygiene Polypropylene
Euro-Thread Handles

Plastic Shovels

Flat-Sided Pails & Lids
(1.5, 3 & 5 gallons)

Harco distributes equipment and replacement parts for the following lines:

www.harcosupply.com
675 The Parkway,
Peterborough, Ontario K9J 7K2

HARCO ENTERPRISES LTD.

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