Volume 26 Issue 2
Since 1964

HARCO
ENTERPRISES LTD.

SHOWCASE

Supply House To The Processing Industries











Canadian Owned Since 1964!

PROCESSING SOLUTIONS

Dairy, Beverage & Food Industries

Equipment • Components • Parts • Service

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

HOSES & CONNECTIONS

Hoses • Fittings • Gaskets • Hose Supports

CUSTOM CRIMPED HOSE ASSEMBLIES

Harco offers Novaflex® and Vena® sanitary hoses for safe, efficient liquid and semi-liquid transfer in food, beverage, pharmaceutical, cosmetic and chemical applications. Custom crimped fittings provide secure, leak-free connections for demanding sanitary pr ocesses.

HOSES with the fittings you want!

John Perry, Bevel Seat, Q-Line, Tri-Clamp®, Butt-Weld, SMS, DIN, NPT and Camlock

HOSE SUPPORT SYSTEM



Durable, impact-resistant support lifts hoses and piping off the floor to reduce wear, improve cleanliness and protect sanitary connections. The two-piece design promotes drainage during washdown while helping inhibit bacterial growth.Improve hose management, cleanliness and safety.

HOSE END ETCHING & ENGRAVING

NEW



Make hose assemblies easier to identify with permanent hose end etching and engraving. Add company logos, serial numbers, dates, specifications and other key details to support organization, traceability and maintenance.

ALSO AVAILABLE: Fittings & Adapters • Gaskets • Hose Accessories • Hose Reels

WASHDOWN HOSE – EXTRUDED 5/8"



Harco's heavy-duty extruded washdown hose is flexible, lightweight and resistant to oil, abrasion, and fatty and lactic acids. Rated to 300 PSIG and 200°F, it features an FDA-compliant white or black nitrile tube, smooth rubber cover, and brass or stainless steel ends. Pair with a mixing unit and spray nozzle to complete your washdown system.

Connections: 0.5" × 0.75" male NPT swivels

SANITARY HOSES, TUBING & FITTINGS



Harco offers sanitary hoses, tubing, couplers, adapters and fittings from SuperKlean, Archon Industries, Strahman and Rubber Fab. The range includes food-grade, general-purpose, air, water, steam and petroleum hoses, plus high-temperature options, ducting, reinforced PVC and specialty products.



FEATURED HOSES

Novaflex 6506 - Connoisseurs Food & Beverage Hose

Kink- and crush-resistant for reliable product transfer, with a microbial resistance tube that helps maintain cleanliness. Meets 3-A, FDA, USDA and CFIA standards.



Novaflex 6403 - UHMW Tube Food Suction & Discharge Hose

Flexible hose for food transfer with an ultra-smooth, microbial resistance UHMW tube for hygienic product handling. FDA-approved tube.



VENA® SIL 650V

Flexible, non-toxic hose for food, cosmetic, chemical and pharmaceutical applications. Handles tight bends, pressure and vacuum from -60°C to +180°C, with short peaks to +200°C.



VENA® TECHNOSIL

Lightweight, non-toxic hose with translucent construction for easy product monitoring. Handles high pressure and temperatures from -60°C to +180°C.



venair

VENAFLON® HF

Flexible, non-toxic hose for safe liquid and semi-liquid transfer. Resistant to aggressive chemicals and handles pressure and vacuum from -30°C to +150°C.



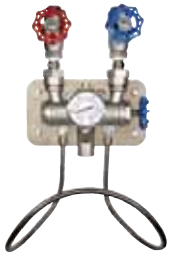
WASHDOWN STATIONS & NOZZLES

Washdown • Brushes • Tank Cleaning Devices • Lubricants

WASHDOWN MIXING STATIONS SuperKlean™

DURAMIX 8000 Series Steam & Cold Water Hose Stations

Hot water on demand with automatic steam shutoff for added safety. Available in bronze or 304 stainless steel.



3600 Series Hot & Cold Water Mixing Stations

Durable mixing with precise temperature control and stainless steel or brass construction. Backed by a 5-year warranty.



HOSES

Hot Water Washdown Hoses



Premium EPDM hoses resist heat, chemicals and abrasion while meeting FDA standards. Reinforced yet lightweight for easy handling and efficient, heavy-duty washdown.

NOZZLES

HD 150 Series



Fully insulated with durable rubber covers and interchangeable nozzles. 0.5" female NPT inlet.

**All nozzles available in multiple colours.*

DURAFLOW 150 Series

DH150S - Trigger guard, 4-position lock, quick-connect fitting and DuraWand compatibility.



DM150S Mini - Compact, insulated 304 SS design with 0.5" female NPT inlet.



COLOUR CODED BRUSHES AND PRODUCTS

Cleaning Tools, Colour-Coding and Food Safety Solutions

Harco offers colour-coded brushes, cleaning tools and material handling products to support hygiene, food safety and contamination control. Ideal for food, beverage, dairy, brewery, fisheries and pharmaceutical applications.



Brands: Carlisle®/Sparta®, VIKAN®/ Ridgeview and Rubbermaid®.

TANK CLEANING DEVICES

Harco offers tank cleaning devices from Alfa Laval and Sani-Matic for food, beverage, dairy, pharmaceutical, biotech, nutraceutical and personal care applications. Designed for hygienic, efficient cleaning, these solutions help reduce water, chemical use, cleaning time and operating costs.

Tank Cleaning Components

Rotary Spray Heads, Rotary Jet Heads, Static Spray Balls, Supply Tubes & Hygienic Spray Deflectors for efficient, hygienic tank cleaning and optimized spray coverage.



CFIA-APPROVED SANITARY LUBRICANTS

For Food Processing Equipment & Incidental Food Contact

High-load, low-friction greases and oils for food processing equipment where incidental food contact may occur, including **Harco HL-7, Haynes Silicone Spray, Haynes Lubri-Film, Haynes Spray and Petro-Gel.**

HARCO SANITARY SPRAY HL-7

Sanitary Lubrication for Food Processing Equipment

Tasteless, odorless and non-toxic, **HL-7** is formulated for dairy and food processing equipment where incidental food contact may occur. Contains no animal or vegetable fats.



Haynes Silicone Spray



Haynes Lubri-Film

A heavy duty lubricant.

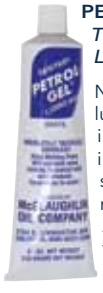




Haynes Spray

A light duty lubricant for fast application.

PETRO-GEL *The Purist of Lubricants*



No. 1 sanitary lubricant used in the dairy industry and soft-serve machines. Absolutely tasteless and odorless.

Contact Harco for product information, applications and our full range of lubricants.

CALL 1-800-361-5361 OR VISIT harcosupply.com/lubricants

FLOW & PROCESS

Pumps • Valves • Heat Exchangers • Separators

ALFA LAVAL/TETRA PAK SANITARY PUMPS

Efficient pumping solutions for fluids of varying viscosities, providing gentle, reliable and cost-effective performance across food and sanitary processing applications.

- Centrifugal
- Rotary Lobe
- Liquid Ring
- Positive

Authorized Distributor for Alfa Laval / Tetra Pak



LKH Pumps



SS LKH Prime Pumps

Applications:

Brewing, Dairy, Food & Pharmaceutical

OEM Spare Parts In Stock



DuraCirc® Pumps



SS SRU Pumps



Twin Screw

FOR MORE PUMP OPTIONS, VISIT: harcosupply.com/pumps

AMPCO SANITARY PUMPS

Ampco centrifugal and positive displacement pumps provide reliable, low-maintenance performance and easy interchangeability with leading brands. Supported by readily available spare parts to minimize downtime.



ZP SERIES PD PUMPS – ZP1, ZP2, ZP3 & ZP4.

Applications:

Brewing, Dairy, Food, Beverage & Pharmaceutical

Full inventory of spare parts and expert support



LF SERIES



LC SERIES

LC/LD/ LF SERIES CENTRIFUGAL PUMPS – Ideal Fristam replacement pumps.

Ampco Pumps Company



AC+ SERIES CENTRIFUGAL PUMPS



H-SERIES HIGH-CAPACITY CENTRIFUGAL PUMPS – Ideal Waukesha 200 Series replacements.



SP SERIES SELF-PRIMING CENTRIFUGAL PUMPS



BORNEMANN SLH 5U TWIN SCREW PUMPS

MURZAN PI-50 SANITARY PUMPS

Air-operated double diaphragm pump with stainless steel construction for easy disassembly and inspection. Oil-free air valve and USDA, FDA and 3-A sanitary compliance.

Applications:

Food, beverage, meat and seafood, cosmetic, pharmaceutical and biomedical processing.

MURZAN PUMPS & PROCESSING SYSTEMS



SANITARY VALVES

Precision-engineered valves designed for reliable performance across sanitary, aseptic and non-sanitary applications, meeting current regulatory requirements.

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







Applications:

Brewing, Dairy, Food & Pharmaceutical

Authorized Distributor for Alfa Laval / Tetra Pak







OEM Spare Parts In Stock

FOR MORE VALVE OPTIONS, VISIT: harcosupply.com/valves

ALFA LAVAL THINKTOP® V20, V40, V50, V55 & V70

Advanced valve sensing and control for Alfa Laval diaphragm, butterfly, single-seat and mixproof valves.

Benefits:

- Automatic valve recognition
- Automatic tolerance selection
- Fast Auto, Live & Flex setup
- 360° LED indication
- Burst seat clean
- Exchangeable threaded air fittings
- Interchangeable with ThinkTop models

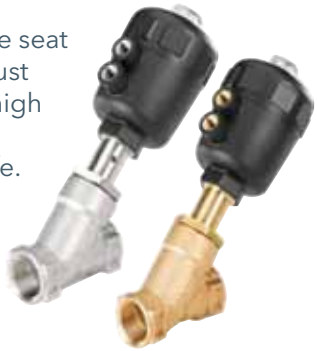


FOR MORE OPTIONS, VISIT: harcosupply.com/valves/control-tops/

BÜRKERT VALVES & FLUID CONTROL SYSTEMS

Type 2000 CLASSIC

Pneumatically operated angle seat valve with robust construction, high flow rates and long service life. Available with threaded, clamped or welded connections.



Type 2100 ELEMENT

Designed for decentralized automation with integrated pilot air ducts, high chemical resistance and optimized flow. Suitable for steam applications with clamp or weld connections.



Authorized Distributor

bürkert FLUID CONTROL SYSTEMS

MAGTRAP MODEL 135

CESCO™ In-Line Magnetic Separators

TUSDA-approved 316 SS magnetic separator for liquids, purees and non-fragile solids. Rare earth magnets capture contaminants and protect pumps, screens and mills. Handles chunks up to 0.5" and temperatures up to 300°F.

Applications: Beverages, sauces, minced meats, syrups and more.



CESCO

CUSTOM PUMP CARTS

Made-to-Order Portable Sanitary Centrifugal & Positive Displacement Pump Carts

Custom-built to your specifications for pharmaceutical, food, dairy, brewery and beverage applications. Lightweight, mobile and durable, with 304 SS tubing, polypropylene wheels, LENZE VFDs and centrifugal or positive displacement pumps.



WAUKESHA REPLACEMENT PARTS

Cost-Effective OEM Parts – 100% Interchangeable

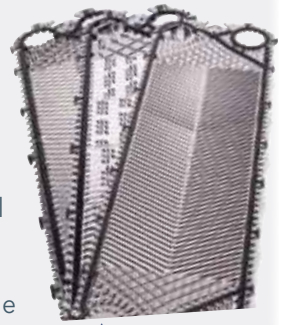
Sanitary PD pump replacement parts for Waukesha Universal U1/U2 Series and Ampco pumps, including shafts, seal kits, alloy rotors, elastomers and more. Large inventory in stock for quick replacement and reduced downtime.



PLATES & GASKETS FOR ALL BRANDS

Heat Exchanger Plates, Gaskets & Regasketing Solutions

Harco provides replacement plates, gaskets and technical support for many heat exchanger brands. Individual plates and complete plate packs are available to meet your specific requirements.



Tetra Pak

ALFA LAVAL

HEAT EXCHANGERS

For Sanitary, Industrial & Process Applications

Compact plate heat exchangers deliver efficient, precise heating and cooling for pasteurization and liquid food processing, helping optimize process performance.



SEPARATORS

For Every Duty

Energy-efficient, high-quality separators for a wide range of applications. Advanced inlet and outlet design ensures gentle product handling throughout separation.

Applications: Milk clarification, hot & cold milk separation, Whey Clarification, Cream Separation and USDA-Accepted Whey Clarifiers, anhydrous milk fat and buttermilk separation.



HOMOGENIZERS

For Enhanced Product Quality

High-performance homogenizers designed for processes requiring exceptional hygiene and consistent results. Ideal for dairy, food, beverage and other industries seeking improved product quality.



Authorized Distributor for

Tetra Pak ALFA LAVAL

MIXING & BLENDING SOLUTIONS

AMPCO APPLIED PRODUCTS

Mixers • Blenders • Powder & Ingredient Systems • In-Line Blenders & Mixers

Harco offers a range of sanitary mixers and blenders for powder induction, blending, dispersion, emulsification and homogenization. From portable and tank-mounted systems to in-line equipment, Ampco Applied Products provides highly engineered mixing and blending solutions for dairy, chemical, pharmaceutical, brewing and personal care applications.



POWDER-max

Portable system for quickly blending wet and dry ingredients in a single unit.



SHEAR-blend

Combines powder induction and fluid pumping for moderate powder induction applications.



SHEAR-max

High-shear in-line mixer for dispersing, dissolving, emulsifying, de-agglomerating, homogenizing and blending.



DRY-blend

Efficiently blends wet and dry ingredients with thorough, consistent mixing.



SIMPLE-blend

Efficient powder induction with minimal shear.



SBH/SBI SERIES BLENDERS

High-shear and medium-shear blending solutions.

JET-shear

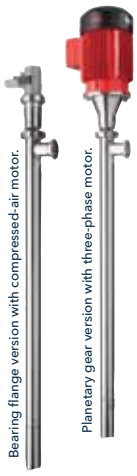
Creates smooth, consistent blends in open or closed tanks and totes up to 1,000 gallons.



Also available from Harco: Ampco's portable SBI-R00 Cellar Cart and Dry Hopping Units for improved hop extraction and brewing efficiency.

FLUX BARREL & CONTAINER PUMPS

FLUX barrel and container pumps handle a wide range of thin, low-viscosity liquids, including aggressive and highly flammable media. Lightweight and easy to handle, they allow quick changeovers between containers.



FLUX

F 560 FOOD

Eccentric worm-drive pump for higher-viscosity food products.

ATU SANITARY TOTE UNLOADING SYSTEM

The ATU Sanitary Tote Unloading System achieves up to 99% product recovery without heating or dilution. Its Bornemann SLH-4G twin screw pump and inflatable seal handle 5,000–3,000,000 cP gently. Fully CIP-capable and modular, it supports up to 50 GPM process flow and 100 GPM CIP flow.



AMPCO APPLIED PRODUCTS

ADU SANITARY DRUM UNLOADING SYSTEM

Removes up to 99% of drum contents using a Bornemann SLH-4G twin screw pump and inflatable seal. Fully CIP-capable and energy-efficient.



Specifications: 1–1,000,000 cP • Up to 30 GPM • 362 PSI max. discharge pressure • CIP flow velocity: 5–7 ft/sec

AMPCO APPLIED PRODUCTS

SANITARY EQUIPMENT, COMPONENTS & ACCESSORIES

WASH STATIONS, SINKS & UTENSILS

WASH STATIONS & SINKS

NSF/ANSI 372 low-lead and NSF/ANSI Standard 2 Food Equipment certified. Seamless welded construction in 14-, 16- or 18-gauge Type 304 stainless steel, with exposed surfaces finished in a uniform satin blend.



SHOVELS, FORKS, PAILS, PADDLES & UTENSILS

NSF/ANSI Standard 2 Food Equipment certified. Heavy-duty Type 304 stainless steel construction with an electropolished finish for enhanced corrosion resistance, a smoother surface and easy cleaning. Ideal for food processing applications.



PROLINE PROMAG® H SERIES FLOWMETERS

Hygienic Electromagnetic Flow Measurement

Designed for hygienic applications, the Proline Promag® H Series features a sensor diameter matched to hygienic tubing standards for improved cleanability, plus a reinforced PFA liner, accurate measurement, batch functionality and Heartbeat Technology™ diagnostics.


H 100


H 200


H 300


H 500


40H

Key Applications & Benefits

- Hygienic design for food safety and easy cleaning
- Handles high-solids products, including fruit and meat
- Supports plant mass balance, mixing and blending
- Suitable for conductive liquids and CIP
- Meets FDA & PMO requirements for meter-based pasteurizer control as a "legal device"

Endress+Hauser

CIPRIANI HARRISON VALVES


34 Series

Harco offers Cipriani Harrison's **34 Series Sampling Valves** for hygienic sampling and **11 Series Plug Valves** for reliable sanitary shut-off and divert service with minimal pressure drop. Both feature stainless steel construction, with multiple sizes and connection options.


11 Series

TANK MANWAY COVERS & GASKETS

Harco offers 50+ Alfa Laval tank cover designs and replacement manway gaskets for leading brands, including Mueller, Cherry-Burrell, Walker, Damrow, Crepaco, Heil, Dairy Craft, Chest Jensen and APC. Contact Harco with your tank model and gasket details for the right fit.





HARCO GAUGES

3.5″ and 5″ Sanitary Pressure, Homogenizer & Pharmaceutical Gauges

Harco's pressure gauges are built for demanding dairy and food processing environments, providing reliable pressure monitoring and dependable performance.


Sanitary Gauges

CSE WINTERS


Homogenizer Gauges


Digital Thermometers

PIPELINE GASKETS

Extensive Inventory, Competitive Pricing

Harco stocks a wide range of high-quality pipeline gaskets in various styles and sizes for fast availability. Options include closures, dust covers, filters, strainers, clamps and more.





GASKETS FOR ALL SANITARY PROCESSING EQUIPMENT

SANITARY FITTINGS

Reliable Connections for Hygienic Processing

Harco offers hygienic fittings designed for reliable, efficient and sanitary performance in food, dairy, beverage, personal care, biotechnology and pharmaceutical processing applications.





ALFA LAVAL

Tri-Clover Inc.

CONNECT WITH THE HARCO TEAM

Local support. Industry expertise. Your success.



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Ryan Perry, B.B.A.
Business Development Manager
rperry@harco.on.ca



Michael Black
Inside Sales
mblack@harco.on.ca



Trevor Mielke
Inside Sales
tmielke@harco.on.ca

FEATURE BRANDS

World class products. Local support.

Harco partners with leading manufacturers to offer an innovative range of sanitary and hygienic processing equipment and supplies. Backed by expertise in design, manufacturing and support, we represent trusted brands known for quality, reliability and advanced solutions, providing equipment and replacement parts for the following product lines.

3M, aico, Alfa Laval, Ampco Pumps Company, AMPCO Applied Products, Anderson, Archon Industries Inc, Bornemann, bürkert Fluid Control Systems, Carlisle Foodservice Products, Cesco, CSE, Cipriani Hurrison Valves, Columbia Products, Detectamet, Dixon The Right Connection, Endress+Hauser, Flux, Fristam Pumps, Gates, Haynes Lubricants, Jabsco, Keofitt, Lee Industries, Lumaco, Mueller, Murzan, Newman Sanitary Gasket Company, Nord Drivesystems, NovaFlex, Remco a Vikan company, Rubber Fab, Rubbermaid, Sani-Matic, spirax sarco, Sterling Electric Inc, Strahman, Tetra Pak, Tri-Clover Inc, venair, Vikan, Vollrath, Wilden, Winters

Thank you for your continued support!