



Advanced Flow Controls



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Abu Dhabi, U.A.E.



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<https://advancedflowcontrols.com>

Our Company

For over 30 years, Advanced Flow Controls Trading - LLC has been acknowledged as UAE's leading distributor and service agent of liquid, vapor and gas handling equipment.

We have been providing premium quality products and tailor-made solutions to the chemical, petrochemical, oil, natural gas, liquefied gases, truck, transport, liquid terminals, F&B, construction, building materials, aviation, marine & military markets since 1986.

We carry the full line of products from over 300 manufacturers. Our products include pumps, flow meters, hose reels, fuel dispensers, compressors, tank truck equipment, loading arms, fluid detection & delivery systems, tank gauging, overfill prevention & grounding systems, ISO tank fittings, hoses, nozzles, pipes, pipe fittings & more.

We are an ISO 9001:2015 certified engineering company. Our mission is to provide superior quality products and exceptional client service at ultra-competitive prices, through our knowledge, product selection and experience. When you use an **AFC** product or service, you see our commitment to excellence!



Major Customers

Our customers are at the heart of our focus and without our customers we wouldn't be here. Our team show ups to work each day to serve our customers and ensures we add value to our long-lasting relationships, as well as create new & personable relationships. Some of our major customers are:



Integrity and honesty are at the heart of our business. Experience tells us that honesty pays in terms of personal satisfaction and customer loyalty.

Services

Some companies offer service... We specialize in service! We work directly with you to meet your requirements pre and post installation. We will be happy to consult and analyze any project for you, offering the necessary support, design and all required information to meet your needs and expectations. Our services include:



Tank Truck Equipment



Manhole Cover

Manhole Cover Key

Dip Interlock Assembly

Dip Tube Assembly

Vapour Vent

Hose Ducting for Vapour Vent

Pressure Vacuum Vent (Included in manhole)

Pneumatic EV Intermediate Profile

Pneumatic EV Standard Profile

Pneumatic EV Low Profile

Dust Cap for API Adapter

TTMA Sight Glass

Vapour Recover Adapter

Gravity Coupler 4" x 3"

Dust Cap for Vapor Recovery Adapter

API Adapter

Air Interlock for Vapor Recovery Adapter

Product Indicator

Pressure Protection Valve

Visual Indicator

Guardbar Interlock

Emergency Shut Down

Air Service Unit

Brake Interlock Valve

Air Control Cabinet

Loading Arms



Top Loading Arms

API Coupler

Bottom Loading Arms

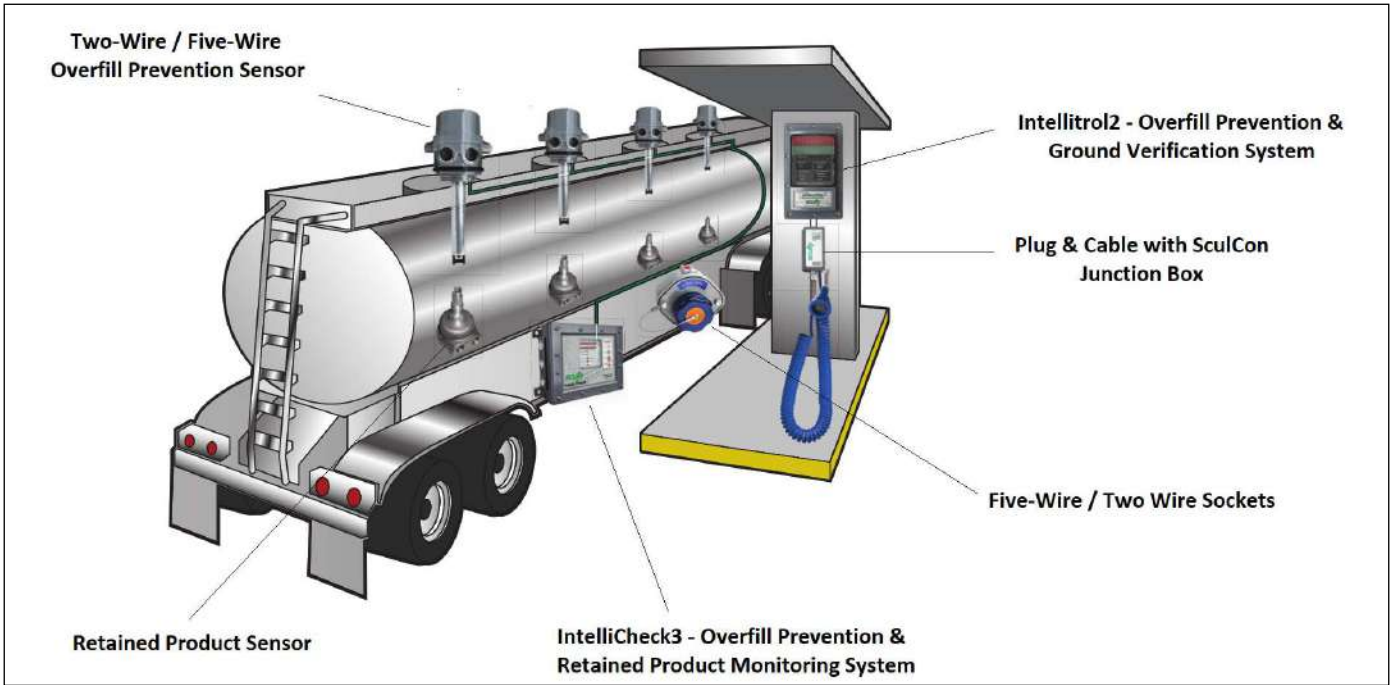
Truck Loading Arms

Marine Loading Arms

Access Equipment

We specialize in loading solutions designed to transfer or store hazardous gases and liquids in bulk. Our solutions are superior in loading and unloading tank trucks, rail cars, Isotainers, barges, ships and ocean-going super tankers.

Self-Checking Fluid Detection & Delivery Systems



The inventor of dynamic, fail-safe fluid detection & handling systems, Scully sets the industry standard. Scully's core systems include overfill prevention, static ground proving, retained product monitoring, water detection & vehicle identification & communication. Scully's self-checking technology provides for safe, efficient, & reliable transportation, storage, & handling of valuable liquid resources.

Related Products & Accessories



ST-15-WX Overfill Prevention & Liquid Detection Monitor



ST-47 Groundhog Static Ground Proving Control Unit



ST-15 & ST-35 Overfill Prevention Control Unit



Loading Rack Tester



Universal Truck Tester



Plug & Cable Assemblies



Ground Proving Clamp & Cable with SculCon



Portable Liquid Level Sensors



Ground Bolt & Ground Ball - Vehicle Mounted Static Devices



Truck Identification Module

Flow Meters



Mechanical & electronic positive displacement flow metering systems and Coriolis mass flow meter systems for custody transfer applications. These measuring instruments provide sustained accuracy and repeatability you can depend on.

S. A. M. P. I.



AH Avery-Hardoll



Flow Meters



Mechanical Meters



800 Series



900 Series



TN Series Meter

Precision Meters



TS Series



TM Series

Digital Meters



800 Series Digital



900 Series Digital



TT Series

Fill-Rite's line of mechanical & digital flow meters are designed to meet the stringent demands of customers who need to monitor fuel usage accurately and with dependability. Rugged construction, easy to read numbers & the flexibility of horizontal or vertical positioning are just some of the features of these superior meters. Plus, all can be field calibrated for the utmost accuracy, regardless of fluid.



RS Series



BR Series



K Series



RQ Series

Rotary piston type, axial impeller type mechanical & electronic corrosion resistance flow meters for marine applications.



Water Meters



GMDM Series



WDEK Series



Hydrodigit Series



MAG-C Series

Turbine (velocity) type single & multi-jet water meters with mechanical or magnetic transmission, Woltmann & irrigation meters.

Pumps



CD Model Pumps



PZ Model Pumps



PT Model Pumps



Z Model Pumps



C Model Pumps



F, FF & FD Model Pumps



Hydraulic option for Sliding Vane Pumps



Valves, Strainers & Accessories

Corken Sliding Vane & Regenerative Turbine Pumps have a wide range of applications within the LPG, refined fuels, & chemical industries including Autogas filling stations, bulk plant pumps, tank car unloading, delivery truck, transport & more.



1000 Series Lubrication Pumps



4000 Series Process Pumps



C Series Circulation Pumps



CC Series Closed Coupled Pumps



L Series Lubrication Pumps



Global Gear Series Pumps



Heavy Duty (HD) Process Pumps



D Series Magnetically Coupled Pumps

Tuthill process pumps, lubrication & circulation pumps & miniature magnetically coupled pumps are solidly engineered, competitively priced & can take on almost any application with durability, precision & excellence.

Pumps



AC Pumps



NX Series



FR300 Series



FR700 Series

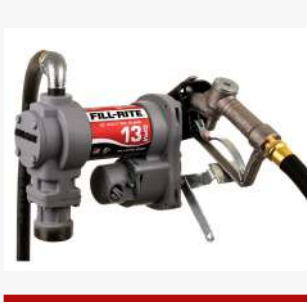
DC Pumps



NX25-DDC Series



FR1200 Series



SD1200 Series



FR2400 Series



FR4200 Series



FR4400 Series



RD8 & RD12 Series



FR1600 Series

Hand Pumps



Rotary Hand Pumps



Piston Hand Pumps



Pneumatic Hand Pumps



Hand Lever Pumps

Reliable & rugged AC Pumps, DC Pumps, Hand Pumps for dispensing fuels such as diesel, gasoline and light oils as well as chemicals such as DEF, acids, caustics, detergents, solvents & agriculture chemicals.

Centrifugal Pumps



Chemical Pumps



Ind. Liquids Pumps



Self Priming Pumps



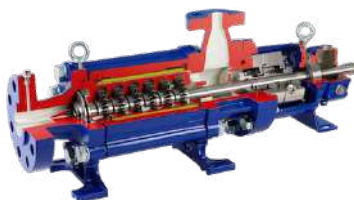
Petroleum Pumps

MP Pumps is your expert provider of end-suction & self-priming centrifugal pumps, for critical fluid transfer service applications found in industrial, marine, transportation, agriculture, wash ware & petroleum industries.

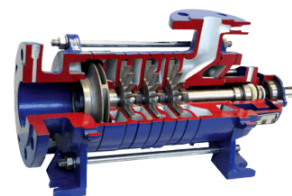
Side Channel Pumps



Model SEMA - Sealless Side Channel Pumps



Model SPH - High Pressure Side Channel Pumps



Model SRZS - Critical Process Speciality Pumps

SERO manufactures multifunction side channel pumps engineered to meet demanding process conditions, volatile and high vapor pressure fluids, LPG, Amine, Crude Oil & Condensate.

AODD Pumps



Our wide range of air operated double diaphragm (AODD) pumps are designed for light to medium viscosity fluid transfer. We can carry both metal & plastic diaphragm pump casings which are engineered to run dry, handle corrosive & abrasive fluids & dry matter.

Submersible Pumps



Our submersible turbine pumps (STP) set the standard for high throughput, high reliability fueling applications. Pump fuel quickly, efficiently & safely - whether its motor fuel, diesel, aviation gasoline, LPG, ethanol/methanol or kerosene, in above ground or underground storage tanks.

Pumps & Motors

Engine Driven Pumps

YANMAR



Kripflow



KOSHIN



4 - Stroke, air cooled, diesel or gasoline engine powered pumps in bore sizes from 2" to 4" for operation in transport, construction sites & agriculture fields.

Other Pumps

DESMI



Centrifugal pumps used within marine, offshore, industry, utility & defense

VARISCO



Centrifugal pumps for general industry and drainage.

ROPER PUMPS



Helical gear pumps for the Industrial, Transport, Oil & Gas.

GR GORMAN-RUPP PUMPS



Self-Priming Centrifugal Pumps for a wide range of applications.

Motors

ABB



WEG



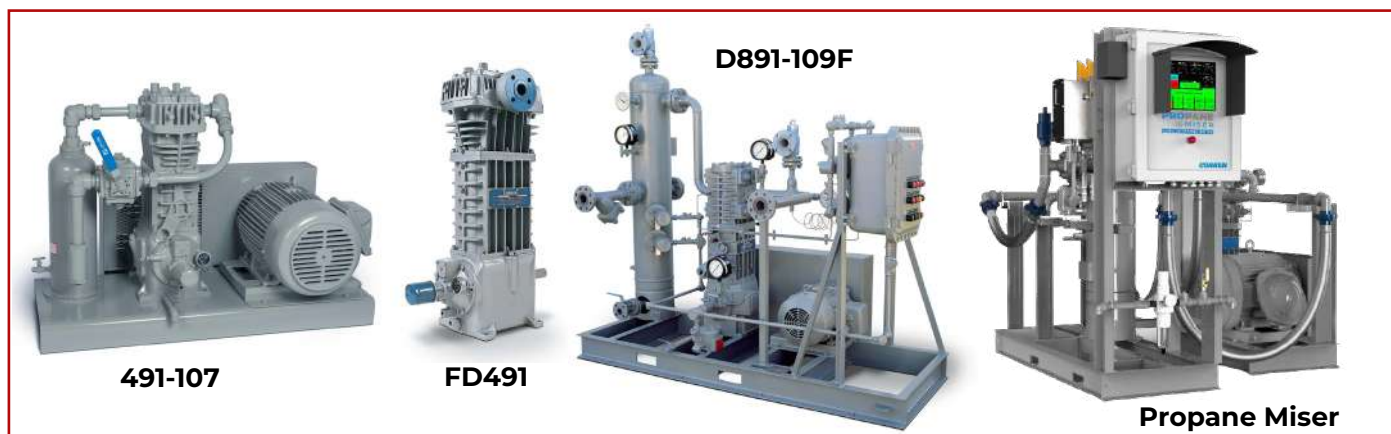
BROOK CROMPTON



ELECTRO ADDA



High quality brake motors, explosion proof, C-face, pump motors & gear motors from 1/50th through 15000 horsepower to provide solutions for any purpose or environment.



Corken offers one of the most versatile lines of small horsepower (7.5 to 75 hp) reciprocating gas compressors in the world. Designs include vertical & horizontal, single- or two stage compression, double or triple packing, air or water-cooled option for gases such as amines, ammonia, nitrogen, biogas, butane, propane, carbon dioxide, dimethyl ether, hydrocarbon gases, natural gases, refrigerants & more

Pump Metering Skids



We will custom build a pump metering skid or a compressor package for you. Our team of experts has worked with some of the largest pipeline, tank truck, aviation & marine companies worldwide developing & implementing solutions ranging from simplistic single-run installations to multi-run solutions with complex configurations, while utilizing the most proven technologies in the industry.

Hose Reels



Kripflow



**Air/ Water/ Chemical
Delivery Hose Reels**



**Air/ Water/ Oil
Hose Reels**



**Electric Driven / Large Frame
Hose Reels**



**Fuel Delivery
Hose Reels**



**Hand Crank
Hose Reels**



**LPG
Hose Reels**



Static Grounding Reels



Power Chord Reels



Specialty Hose Reels



Spring Rewind Hose Reels



Stainless Steel Hose Reels



Pressure Washing Reels

Our reels include spring retractable, motor driven & hand crank reels, handling hose lengths of up to 600 feet & range from 1/4" to 6" in diameter. Our hose reels are used to transfer anything from air, water, transmission fluid, grease, oils, antifreeze, diesel fuels, welding gases, liquid pesticides, fertilizers, detergents, solvents, chemicals and more.

Fuel Dispensers



KD3 Series



KD5 Series



KD7 Series



**KDX Series
(Compact)**



**KM Series
(Mobile Unit)**



**KD Series
(Ultra High Flow)**



Gilbarco Dispensers



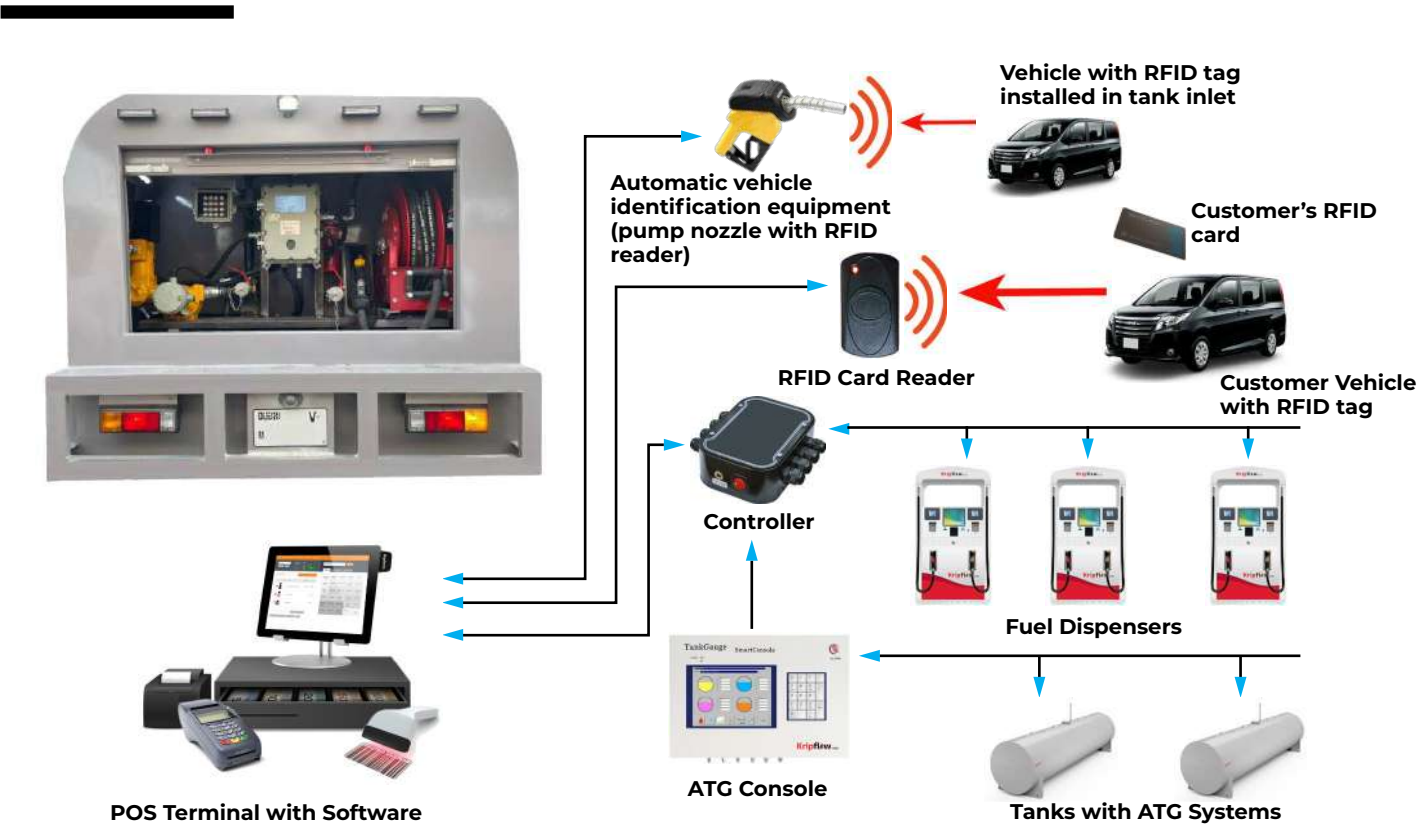
Wayne Dispensers



Bennett Dispensers

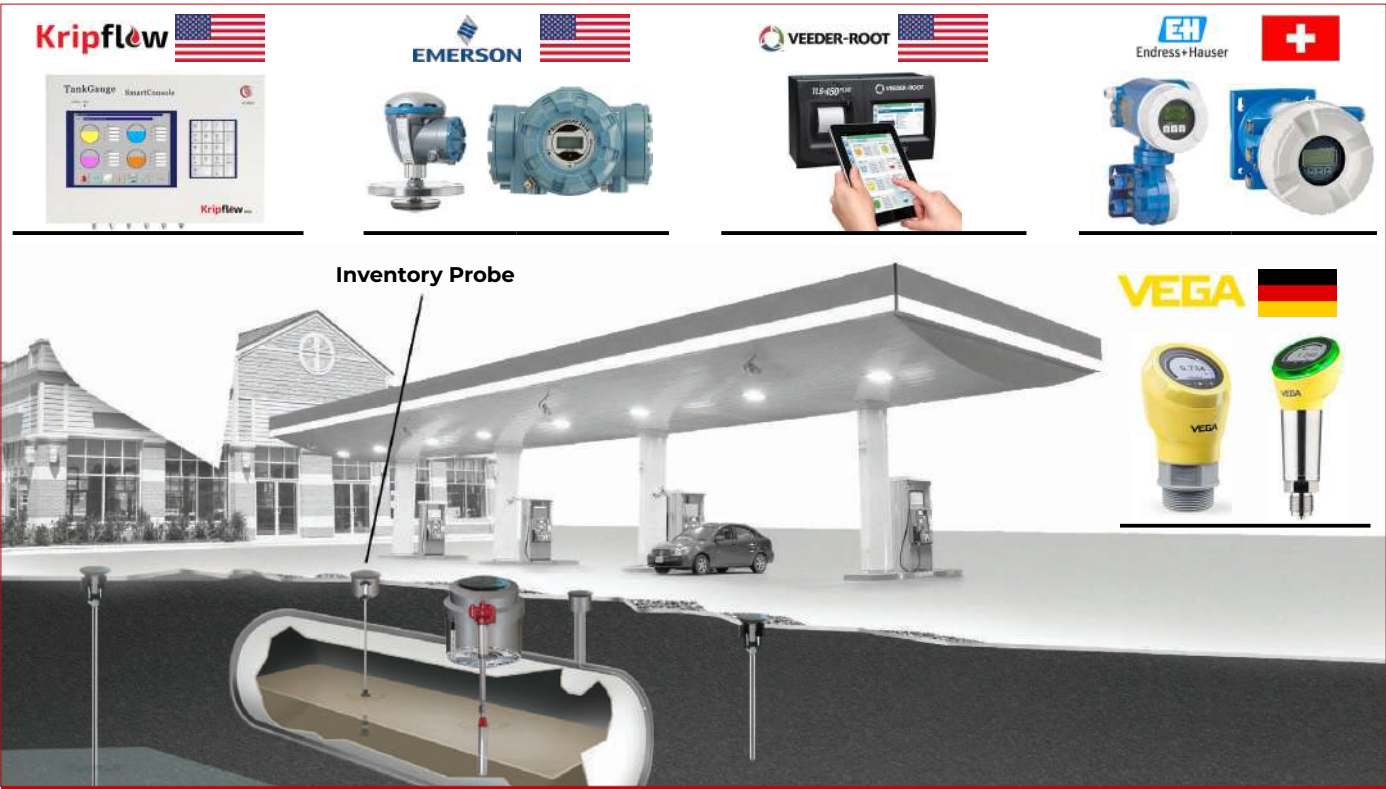
Our dispensers offer unrivalled security, industry leading accuracy, renowned reliability and a supreme end-user experience. Quality dispenser construction offers a robust structure along with complete flexibility in terms of different flow rates & hose configurations.

Fuel Management Systems (FMS) Kripflow



Our Fuel Management System is designed to provide its users with detailed visibility of their accumulated fuel costs & individual transactions. It includes features such as permitting only authorized users to dispense the fuel & only allowing authorized vehicles or users to be refueled.

Automatic Tank Gauging (ATG)



Our fuel level monitoring systems automate your fuel reconciliation & compliance reporting so that you have critical fuel site data at all times.

Registers, Printers & Presets



Rugged and precise digital & mechanical meter registers designed for all kinds of liquid inventory & delivery operations. Our registers totalize & display high- speed deliveries & transactions in large, easy-to-read figures. Can be combined easily with meter preset & printer to form a complete count, control & print system.

Nozzles, Swivels & Refueling Systems



We offer the largest section of high-quality nozzles, break-aways, swivels & complete refueling system for retail gas stations & commercial applications compatible with diesel, unleaded fuel, leaded fuel, ethanol, Jet-A1, & more.

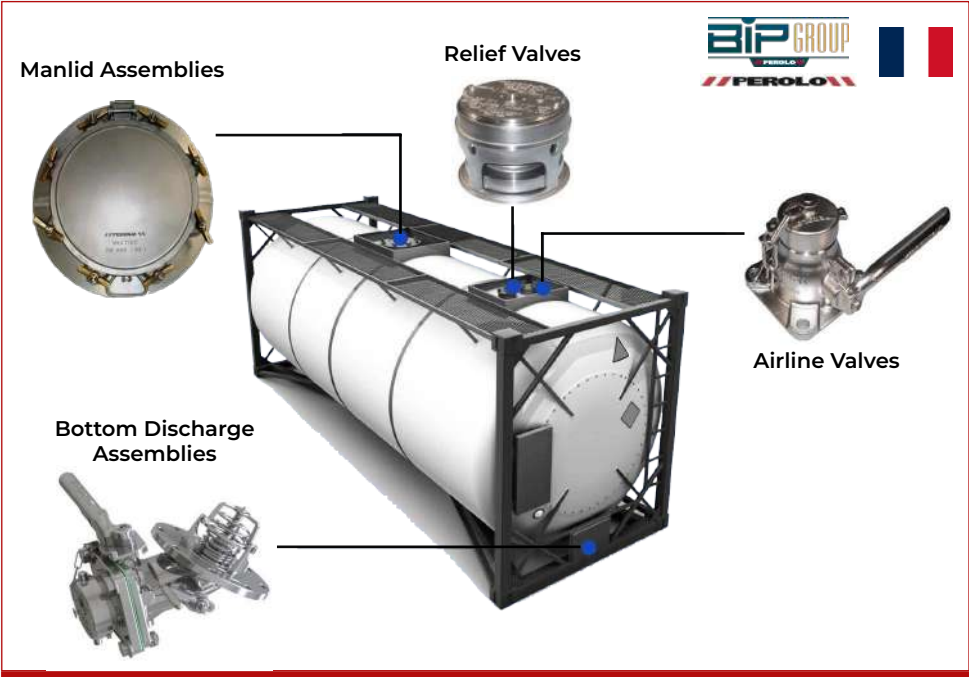
Filters & Adapters



Complete line of filters & adaptors for gasoline, ethanol blends, diesel, ULSD, & Biodiesel. 1, 2, 5, 10, 30 & 144 Micron options available.

ISO Tank Fittings, Provers, Valves & Instrumentation

ISO Tank Valves & Fittings



Valves & Fittings to provide tank safety and fluid transfer for ISO Tank Container, Road Tanker, Rail Tank car, IBC
Applications: Chemicals, Powders, Foodstuff & more.

Calibration Cans & Meter Provers



Stainless steel calibrated test measures (calibration cans & provers) that boast accuracies of 0.05% & unlimited life expectancy.

RIV Valves



Fully certified ball valves, knife edge gate valves, check valves, "y" strainers, gate valves, globe valves, safety valves & butterfly valves.

Instrumentation & Process Control Equipment



Pressure & Temperature Gauges



Level Indicators/ Gauges



Float Switches



Flow Switches



Pressure/ Level Transmitters

Instrumentation controls and automation solutions for pressure, temperature, force and level measurement.

Dry Break Couplings & Safety Break-Aways



TODO Safety Break-Aways, Dry Break Couplings (From 1" to 6") & accessories. Trusted around the world to transfer highly valuable & volatile products in the most testing conditions.

Hoses



Rubber Suction/
Discharge Hoses



Composite Suction/
Discharge Hoses



Hydraulic Hoses



PVC Hoses



Stainless Steel
Braided Hoses

We take pride in our ability to offer the most comprehensive and technically sophisticated range of hose products available anywhere in the world. Our hoses have been tested to last many times longer than anything currently on the market.

Hose Fittings & Couplings



Camlock
Couplings



King
Nipples



Bauer
Couplings



Miller
Couplings



Chicago Quick
Couplings



Storz
Couplings



Straub
Couplings



Hammer
Unions

We carry a comprehensive range of quick connect/disconnect couplings and replacement parts for the petroleum, industrial, chemical, tank truck, marine and aviation markets.

LPG Valves & Accessories



Relief
Valves



Regulators



Cylinder & service valves



Diversers



LPG
Nozzles

Pressure control, flow control, relief valve solutions for specialty gases, liquids, steam, natural gas and liquid propane industries across a range of stationary storage & mobile applications.

Flanges

AVAILABLE IN STAINLESS STEEL & CARBON STEEL

Size Range: 1/2" to 32"
 Pressure: CL150, CL300, CL600, PN10, PN16, PN25, PN40
 Specs: A105, A182(304/316) - A350 (FwdDI)
 Type: Slip-On, Welding Neck (WNRF), Blind (BLND), Threaded (Screwed), Socket Welding
 Brand: Hilton, Viraj, Neumira, Ulma, Metalfar, Bebitz
 Origin: India, Spain, Germany, Italy, China



Forged Pipe Fittings

AVAILABLE IN STAINLESS STEEL & CARBON STEEL

Size Range: 1/8" to 4"
 Pressure: ANSI 2000, 3000, 6000 PSI
 Specs: A105, A182 (304,316)
 Fittings: Elbow, Tee, Cap, Plug, Nipple, Union, Coupling (Socket), Bushing, Swage Nipple, Threadolet, Weldolet
 Type: Threaded (NPT) & Socket Weld
 Brand: Lame, Bothwell
 Origin: Italy, Taiwan



Butt-Weld Pipe Fittings

AVAILABLE IN STAINLESS STEEL & CARBON STEEL

Size Range: 1/4" to 24"
 Thickness: SCH 10/ 40/ 80
 Specs: SA 234 WPB, SA 403 (304/316), ASME B16.9
 Fittings: Tee, Reducing Tee, Cap, Eccentric & Concentric Reducers, Elbow (45D, 90D, 180D, LR, SR)
 Origin: Italy, China, Thailand, UK, Japan



Stainless Steel Pipes

Seamless

Size Range: 1/8" to 16"
 Thickness: SCH 10/40/80
 Specs: 304/L & 316/L (F)
 Origin: Japan, India, China

Welded (ERW)

Size Range: 1/2" to 16"
 Thickness: SCH 10/40
 Specs: 304/L & 316/L (F)
 Origin: Japan, India, China, Taiwan, Italy



G.I & S.S Low Pressure Fittings

AVAILABLE IN NPT & BSPT Thread

Size Range: 1/8" to 6"
 Pressure: CL150
 Specs: ASTM A197/ A153/ A536 (UL, ULC, FM), 304 & 316
 Fittings: Elbow, Tee, Cap, Plug, NIPPLE, Coupling (Socket), Bushing, Union, Reducing Coupling & U- Clamp
 Origin: Thailand, India, China



Carbon Steel Pipes

Seamless

Size Range: 1/2" to 16"
 Thickness: SCH40, SCH 80
 Specs: API5L, API5L-X42, SA106B, SA53B
 Origin: Japan, China, Romania, Ukraine

Welded (ERW)

Size Range: 1/2" to 16"
 Thickness: SCH40
 Specs: ASTM A53
 Origin: Japan, China, UAE, Oman, Romania



Valves

AVAILABLE: BALL, KNIFE EDGE, GATE, BUTTERFLY, CHECK, GLOBE, SAFETY & PRESSURE RELIEF VALVES

Size Range: 1/2" to 12"
 Pressure: ANSI CL150 TO CL800 & Up to 3000PSI
 End: Threaded, Socket Weld, Flanged
 Material: Cast Iron, Cast Steel, Forged Steel, Stainless Steel, Brass/Bronze
 Origin: India, Korea, Germany, Taiwan, China, Italy, USA



Galvanized Iron Pipes (G.I)

AVAILABLE IN GRADE 'A', GRADE 'B', GRADE 'C'

Size Range: 1/2" to 10"
 Thickness: SCH 40 (A, B, C)
 Ends: Threaded
 Specs: API 5L, ASTM A53 (BS-1387)
 Origin: Oman, India, China, Italy



Gaskets

AVAILABLE IN GASKET SHEETS & RAISED FACE, FLAT FACE, FULL & RING TYPE

Size Range: 0.5mm to 6mm
 Standard: For ANSI B16.5 Flanges MSS SP
 Type: Asbestos, Non-Asbestos, Teflon (PTFE) Rods & Sheets, Graphite, Metallic, Rubber, Neoprene, High Temperature, Spiral Wound, Paper Gasket Sheets & Cork Sheets
 Origin: UK, Netherlands, Japan, China, Italy



Structural

AVAILABLE IN CARBON STEEL & STAINLESS STEEL

Material : Sheets, Plates, Angle, Round Bar, Flat Bar, Tubes, Channels, Rod
 Grade: A240, 304, 316





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