



HYDRAULIC • PNEUMATIC • ELECTRICAL Manufacturers Represented

ACCUMULATORS, INC. Bladder and piston accumulators rated to 6,000 psi, gas bottles, transfer barriers and accumulator accessories. Offering special certifications and have type approvals (DNV, ABS, etc).

ALFA LAVAL Brazed Heat Exchangers: Cooling capacity up to 40,000 HP, Max Pressure, 460 PSI Max temperature 460 (°F).

ANCHOR FLUID POWER SAE hydraulic flange fittings meeting or exceeding ISO 6162 / SAE J518; Static face seals, in-line valves (check valves, ball valves, etc).

BALDOR Energy efficient electric motors; variable speed drives; Generators.

BEHRINGER Pipe clamps

BUCHER-MONARCH HYDRAULICS AC/DC hydraulic power units; ergonomic height adjusted systems for industrial workstations, high-flow cartridge valves.

CARDEV INTERNATIONAL Offline filters designed to remove water and particulate in a subsea environment and is suitable for use on ROV's and TMS's.

DAMAN Hydraulic valve manifolds, cover plates, valve adapters and subplates.

DANFOSS INDUSTRIAL AUTOMATION Solenoid, thermostatic and piloted valves, pressure transducers, temperature sensors, pressure and temperature switches.

DONALDSON Hydraulic filters, elements and process filtration.

D.M.I.C. Reservoir accessories; SAE port flanges; Gauges and high pressure ball valves, high and low pressure ball valves in various materials, and custom valves including fire-safe and subsea valves.

DURST Engine and front mount pump drives; Single, multiple, and direct drive to 950 horsepower.

DYNAMIC FLUID COMPONENTS Gauges, valves and accessories

EATON CORPORATION

- **HYDROKRAFT** Piston, vane pumps and motors; Directional, proportional, servo, pressure and flow control valves.

- **INTEGRATED HYDRAULICS** Complete line of cartridge valves.

- **VICKERS** Variable and fixed displacement piston pumps and motors rated to 6,000 psi with sizes up to 750 cc., cylinders, valves, reservoir accessories, accumulators, and turn-key power units

- **VALVOLINE** Premium mineral base oils designed for high-pressure, high-speed severe applications in both industrial stationary and mobile applications.

EMERSON-DAMCOS Rotary & linear hydraulic actuators, controls, ballast and tank management systems.

EMMEGI Heat exchangers for hydraulic installations offering a complete line of standard and special heat exchangers for all applications.

FLOW EZY Hydraulic filters, strainers, air filters, oil filters, racing filters and accessories.

GEARTEK Internal gear pumps, motors, displacements to 18.91 cu. in. press to 4000 psi, single and multi-section configurations.

GEMS SENSORS & CONTROLS Liquid level, flow, and pressure sensors, miniature solenoid valves, proximity switches and pre-assembled fluidic systems. Level sensors, including float type, electro-optic, ultrasonic and more.

GRACO

- **MANZEL** Pump to point lubrication.

- **OPCO** Conveyor chain lubrication.

- **GREASE JOCKEY** Truck chassis lubrication.

- **TRABON** Multi-point industrial lube systems.

HAYDEN Standard and ASME coded air-to-oil; Shell and tube heat exchangers.

HETRONIC Radio operated remote controllers; Push button or joystick control for on/off and proportional control.

HUMPHREY PRODUCTS Offering a wide range of pneumatic linear actuators for all applications, filters, regulators, lubricators, mufflers and pneumatic accessories.

HUSCO Mobile directional control valves; Single or multi-axis hydraulic remote joysticks.

HYDRO LEDUC Specialist of high performance hydraulic components. Fixed bent axis motors with disp. from 1.1 to 5.49 cu/in's, cont. speeds to 8000 RPM, cont. pressure to 5800 PSI and a torque range from 73 to 367 ft/lbs., SAE mount. Micro Hydraulic Axial Piston Motors, in-line technology with disp. .028 cu/in's, cont spds. to 6500 RPM, Pressure to 4800 PSI, theoretical torque 21 lb f/in, cont. temp to 300 F.

HYDRAQUIP CUSTOM SYSTEMS, INC. Turnkey hydraulic, pneumatic, and electrical system design & fabrication for industrial & mobile applications.

KOCISIS TECHNOLOGIES, INC. Hydraulic starters for dependable engine starting. Piston style accumulators, pressure to 12000 PSI, stainless and aluminum housing options, DNV-ABS-Lloyds & other approvals.

KVASER, INC. CAN (controller area network) interfaces & Data loggers for all types of desktop computer buses, software drivers.

MAHLE-BEHRINGER Pipe, hose and tub-



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ing clamps to 30" diameter; High pressure ball valves from 1/4" to 2" rated to 6,000 psi.

MAGNALOY Flexible shaft couplings; Pump-to-motor mounting adapters; Hydraulic valve manifolds; Cover plates, adapters & sub-plates, reservoirs and reservoir accessories.

MARVEL Replacement filters for a variety of industries, high quality filters for the industrial and mobile industries.

MICO, INC. SAE mount multiple and caliper disc brakes; Brake valves and brake related accessories.

MICROMATIC-TEXTRON (HYD-RO-AC & ROTAC) Rotary actuators that produce up to 5 mil. in. lbs. of torque at 3,000 psi.

MONNIER, INC. Filters; Regulators; Lubricators, duo and trio-combination; Anodized products and accessories; Precision machined tolerances, special materials offered: stainless steel filters, regulators and lubricators.

NOSHOK Pressure gauges; Temperature gauges; Stainless steel flow control

OERLIKON-FAIRFIELD MFG. Gearboxes, Planetary wheel; Spindle or shaft final drives; Industrial or mobile to over 3,500,000 lb. in torque.

PANOLIN AG Fully synthetic, rapidly biodegradable, long life oil. C. NSF Certified H1 Food Grade lubricants.

PEPPERL+FUCHS Electrical sensors that include inductive, capacitive, photo-electric, ultrasonic, special applications; Intrinsically safe proximity type sensors.

RAMSEY WINCH Electric worm gear; Extended shaft; Hydraulic worm gear; winches;

SAE-J706 standard ratings for all winches; CE Mark design/safety standards.

RINEER HYDRAULICS Fixed displacement motors two speed from 5 in3 to 250 in3; Starting and stall torques equal to 90-94%; Compact in size with horsepower ratings to 600.

ROSS CONTROLS Inline and sub-base mounted air valves, OSHA compliant safety valves, filters, regulators, lubricators, mufflers and pneumatic accessories.

RÖTELMANN 2 & 3 way ball valves: Steel, brass, or stainless, 4 to 50mm, Threaded, flanged, or welded ends, Surface mounted & cartridge style, checks valves, needle valves, & flow controls, manual & remote operation up to 500 BAR.

ROTARY POWER Low speed, high torque radial piston hydraulic motors to 1,700 horsepower.

SAINT MACHINERY Reservoirs

SAUER-DANFOSS Hydrostatic medium and heavy duty transmissions; Fixed and variable displacement motors; electrohydraulic valves and pump controls; electronic joysticks. Mobile proportional valves; gear pumps and motors; low speed high torque motors; hydraulic steering; cartridge and inline valves.

SCHROEDER INDUSTRIES Suction and intank return line hydraulic filters; Pressure filters rated to 6,000 psi; Filter carts, vacuum dehydrators and diagnostic equipment.

STAR HYDRAULICS Hand and foot pumps; Single and two speed with pressures to 15,000 psi; custom cylinders and rams.

SPRAGUE PRODUCTS (A
Curtiss-Wright Flow Products Company)

Air driven pumps for liquids to 33,000 psi; Gas boosters to 10,000 psi.

T.K. SIMPLEX Hand pumps to 20,000 psi; Rams to 1,000 tons.

THERMAL TRANSFER PRODUCTS Air to oil, shell and tube and brazed plate heat exchangers for industrial and mobile applications.

TUTHILL PUMP COMPANY Pumps to 200 GPM for lubrication and transfer applications; Magnetic drive pumps to 84 GPM; Test plugs for air conditioning & heat exchanger industry.

VOITH High performance and extremely quiet internal gear pumps to over 100 GPM.

VON RUDEN Rol-seal and axial vane hydraulic motors.

WANDFLUH Digital (on/off) and analog (proportional) valves, low leakage, flows from .005 to 300 GPM, explosion proof and intrinsically safe solenoids, electronic signal amplifiers, corrosion resistant materials.

WIKA INSTRUMENT CORP. Pressure gauge, sensor and temperature instrumentation technology and applications.

WILKES & McLEAN Noise and hydraulic shock suppressors in line sizes from 3/8" to 3"; 3000 psi and 5000 psi models.

WINTERS INSTRUMENTS Pressure gauges, pressure switches, diaphragm seals, and thermometers.



HYDRAULIC • PNEUMATIC • ELECTRICAL Products Represented

ACCUMULATORS

- Accumulators, Inc.
- Kocsis
- Eaton-Vickers

BRAKES

- Mico
- Oerlikon-Fairfield

COUPLINGS

- Magnaloy

CYLINDERS

- Eaton-Vickers
- Humphrey
- Star Hydraulics

ENGINE STARTERS

- Kocsis

FLUID CONDITIONING

- Cardev
- Donaldson
- Eaton-Vickers
- Flow-Ezy
- Mahle-Behringer
- Marvel
- Schroeder

FLUIDS

- Panolin AG
- Eaton-Valvoline

GAUGES

- D.M.I.C.
- Dynamic Fluid Components
- Noshok
- Wika Instruments
- Winters Instruments

GEARBOXES & WINCHES

- Durst
- Oerlikon-Fairfield
- Ramsey Winch
- Von Ruden

HAND PUMPS

- Star Hydraulics
- T.K. Simplex

HEAT EXCHANGERS

- Alfa Laval
- Emmegi
- Hayden
- Thermal Transfer

HYDROSTATIC TRANSMISSIONS

- Eaton-Vickers
- Sauer-Danfoss

LUBRICATION SYSTEMS

- Graco

MANIFOLD PACKAGES

- Daman
- Eaton-Vickers
- Hydraquip Custom Systems
- Magnaloy
- Sauer-Danfoss
- Wandfluh

MOTORS (Electric)

- Baldor

MOTORS (High Speed)

- Eaton-Vickers
- Geartek
- Hydro Leduc
- Rineer
- Sauer-Danfoss

MOTORS (Low Speed)

- Rineer
- Rotary Power
- Sauer-Danfoss

NOISE & SHOCK SUPPRESSORS

- Accumulators, Inc.
- Wilkes & McLean

PIPE & TUBE CLAMPS

- Behringer

POWER UNIT ACCESSORIES

- Bucher-Monarch
- Eaton-Vickers
- D.M.I.C.
- Schroeder

POWER UNITS

- Bucher-Monarch
- Eaton-Vickers
- Hydraquip Custom Systems

PUMPS (Air Operated)

- Sprague

PUMPS (Hydraulic)

- Bucher-Monarch
- Eaton-Hydrokraft
- Eaton-Vickers
- Geartek
- Sauer-Danfoss
- Tuthill
- Voith Turbo

PUMPS (Lubrication & Transfer)

- Graco
- Tuthill

RESEVOIRS & ACCESSORIES

- Eaton-Vickers
- Magnaloy
- Saint Machinery
- Schroeder

ROTARY ACTUATORS

- Emerson-Damcos
- Humphrey
- Micromatic-Textron

STEERING UNITS

- Jastram
- Sauer-Danfoss



HYDRAULIC • PNEUMATIC • ELECTRICAL Products Represented

STRAINERS

- Eaton-Vickers
- Magnaloy
- Schroeder

VALVES (Cartridge)

- Bucher-Monarch
- Eaton-Integrated Hydraulics
- Eaton-Vickers
- Sauer-Danfoss
- Rotelmann
- Wandfluh

VALVES (Directional)

- Bucher-Monarch
- Eaton-Vickers
- Husco
- Sauer-Danfoss
- Wandfluh

VALVES (Flow Control & Check)

- Anchor Fluid Power
- D.M.I.C.
- Eaton-Vickers
- Sauer-Danfoss
- Wandfluh

VALVES (Pressure Control)

- Eaton-Vickers
- Sauer-Danfoss
- Wandfluh

VALVES (Servo & Proportional)

- Eaton-Vickers
- Sauer-Danfoss
- Wandfluh

PNEUMATIC EQUIPMENT

BOOSTERS/INTENSIFIERS

- Sprague

CYLINDERS

- Eaton-Vickers
- Star Hydraulics

FILTERS

- Monnier
- Humphrey
- Ross Controls

F-R-L UNITS

- Ross Controls
- Monnier, Inc.

GAUGES

- D.M.I.C.
- Dynamic
- Ross Controls

LUBRICATORS

- Ross Controls
- Monnier, Inc.

MANIFOLD PACKAGES

- Hydraquip Custom Systems
- Monnier, Inc.
- Ross Controls

MANIFOLD PACKAGES

- Hydraquip Custom Systems

MANUAL OVER-RIDES

- Ross Controls

MUFFLERS

- Humphrey
- Ross Controls

REGULATORS

- Humphrey
- Monnier, Inc.
- Ross Controls

VALVES (Control)

- Humphrey
- Ross Controls

VALVES (Flow Control/Check)

- Humphrey
- Ross Controls

ELECTRICAL EQUIPMENT

SENSORS

- Gems Sensors & Controls
- Danfoss Industrial Automation
- Pepperl+Fuchs
- Noshok

MOBILE ELECTRONICS & SOFTWARE

- Kvaser
- Sauer-Danfoss, Plus+1

SIGNAL CONDITIONERS

- Pepperl+Fuchs

RADIO REMOTE CONTROLS

- Hetric