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# Products & Services

## Hose, Tubing & Fittings

- Hydraulic tube fittings and adapters
- Industrial hose and couplings
- Hydraulic hose and fittings
- Quick disconnect couplers
- Inch & metric sizes
- Hose assembly fabrication
- Pneumatic tubing and fittings
- Fabrication tools and equipment

## Filtration

- Multi-media process filtration
- Portable purification / vacuum dehydrator
- Suction, pressure, return line filters
- Fluid analysis services
- Reservoir accessories
- Electronic particle counter devices
- Competitive interchangeable elements
- Inline, manifolded and duplex style filters

## Instrumentation

- Valves: ball & plug, check, metering, needle
- Precision regulators & diaphragm valves
- Compression & welded tube fittings
- Gas analysis systems
- Manifold mounted valve systems
- Sanitary fittings, gaskets & valves
- Tubing: seamless, welded & tube clamps

## Power Transmission

- Adhesives, Contact, Industrial
- Bearings, Idlers, Tighteners
- Brakes, Clutches, Chain Drives
- Drive Pulleys, Variable Pitch Sheaves
- Reducers, Hollow Bore, Right Angle
- Shaft Couplings, Flexible, Solid
- Casters, Steel, Specialty, Plate
- Belts, Variable Speed, Specialty
- Electric Motors, AC, DC

## O-Rings, Seals, Gaskets

- Extruded & precision cut,
- Fabricated elastomeric seals
- Metal & plastic retained composite seals
- Elastomeric o-rings & custom molded shapes
- Hydraulic & pneumatic seals, wiper & rings
- Thermal & EMI shielding products
- High temperature metal seals
- PTFE seals & custom products

## Electrical/Electronics

- PLC and Operator Interface
- Safety devices: light curtains, keyed interlocks
- AC motors & AC servo motors, stepper motors
- Motor controls & AC drives
- Photo electric, proximity & ultrasonic switches
- NEMA enclosures: steel, stainless steel
- Fiberglass Enclosures
- Terminal blocks, DIN rail, power supplies

## Mobile/Marine Hydraulics

- Tie rod, welded, standard and custom cylinders
- Cartridge valve integrated manifold systems
- Inline pressure, suction, return filters
- Hydrostatic steering systems
- Gear, piston and vane pumps
- IQAN integrated electronic control systems
- Low speed, high torque, winch and drive motors
- Manual, proportional, stacking valve assemblies

## Pneumatics/Automation

- Vacuum / generators, transducers, sensors
- Valves / serial interface, modular design
- Aluminum extrusion / full design, assembly
- Actuators / rotary, slides, guides, grippers
- Roller screw and linear actuators
- Engineering services
- AC servo and stepper motors
- Air preparation / I/P, E/P, modular, stainless
- Cylinders / NFPA, ISO, compact, stainless

## Industrial Hydraulics

- NFPA, custom and stainless steel cylinders
- Hydraulic power units and control systems
- Directional, proportional and servo valves
- Fixed and variable volume pumps
- Accumulators, intensifiers and boosters
- Cartridge valves and manifold systems
- Flow control and pressure control valves
- Electronic motion controllers



### Remote Operator Panel

To meet the requirement for the setting and monitoring of a water level and lock control system, our team designed, built and installed three power units and two remote operator panels.



### Hydraulic Power Unit

Heavy duty hydraulic power units for steel mills, paper mills and other industrial applications are regularly designed, fabricated and installed throughout New England and around the world.



### Structural Aluminum

Our in-house engineering staff can provide the design and fabrication of machine-guards and other structural aluminum using our Autodesk Inventor software at our ISO 9001:2008 certified facility.

Since 1964 we have been your best choice for Fluid Power and Power Transmission products and advice.

### Hose & Fittings Stores

With the addition of Webster Engineering the total number of Parker Stores operated by The Hope Group is now six. From Maine to Rhode Island, each store has 3,000 parts on hand, backed by the \$100m Distranet inventory. We provide our customers with access to the fastest, most immediate local replacement of any ruptured hydraulic hose assembly up to 2-inch inside-diameter and six wire braid. There is no better source for any hydraulic and industrial hose, fittings and adapters.



### Vendor Managed Inventory

Through implementation of iZap technology, which automates the reordering and replenishment of frequently used materials, users are able to lower overall supply chain costs, while increasing turns and cash flow. The iZap process employs barcode scanning technology and an Internet-based transaction platform eliminating the need for specialized software.

## FLUID POWER

Adapters • Power Units

Accumulators • Clamps

Cylinders • Valves

Pumps • Motors

Hose & Fittings

Air Preparation

Tube Assemblies

Quick Disconnects

Hose Crimp Systems

Pressure Switches

## POWER TRANSMISSION

Adhesives • Sealants

Belts • Drive Pulleys

Bearings • Tighteners

Casters • Chain, All Types

Electric Motors • AC - DC

Reducers • Shaft Couplers

Conveyor Belting • Gears