

AIR-HYDRAULIC SYSTEMS

www.airhydraulicsystems.com



EATON

AEROQUIP - Adapters, Fittings, Hoses and Crimpers

CHAR-LYNN - Low Speed High Torque Motors and Steering Orbitrols

CESSNA - Pumps, Motors and Accessories

EATON - Light and Heavy Duty Transmissions, Control F(x)

VICKERS - Pumps, Motors, Power Units, Directional Valves, Manifolds, Filters, Cylinders and Accessories

EATON/CUTLER HAMMER - Electrical Control Products, Eaton Electrical Distributor

DURAFORCE - High-Pressure Pumps, Motors, and Valves

NUMATICS

Air cylinders, electric rodless cylinders, pneumatic preparation valves, grippers, vacuum components, G3 fieldbus technology

AIR AND PNEUMATIC PRODUCTS

NUMATICS

Air cylinders, electric rodless cylinders, pneumatic preparation valves, grippers, vacuum components, G3 fieldbus technology

FREELIN-WADE

Plastic tubing, fittings and accessories

HASKEL INTERNATIONAL

Air driven high pressure pumps and valves

MOTION CONTROLS

Pneumatic cylinders

TPC PNEUMATICS

Pneumatic components

VESSEL

Pneumatic nippers

FLUID CONVEYANCE, HOSE AND FITTING PRODUCTS

AEROQUIP

Fluid conveying, industrial and hydraulic

BOSTON WEATHERHEAD

Industrial hose and brass fittings

BRENNAN INDUSTRIES

Hydraulic fittings

DIXON

Fluid conveying products

HY-LOK

Stainless steel high pressure fittings

TOMPKINS

Hydraulic fittings

ZSI

Cushioned clamps

ELECTRICAL AND ELECTRO HYDRAULIC PRODUCTS

BALDOR

Electric motors

EATON

Control F(x)

EATON CUTLER-HAMMER

Electrical switches, controls and technology

HYDRAULIC POWER AND MOTION CONTROL PRODUCTS

CROSS MANUFACTURING

Cylinders, flow controls and valves

DAMAN MANIFOLDS

Hydraulic valve manifolds

DELTROL

Air and hydraulic valves and accessories

DMIC

Ball valves, fluid controls, flanges and filtration accessories

DYNAMIC FLUID COMPONENTS

Gauges and accessories

ENFM

Gauges

EXTEND OIL FILTER

Supplemental oil filtration system

FLUID TECH

Manifolds, Subplates, Assemblies

HAYDEN

Heat exchangers

HECO

Planetary speed reducers

KAWASAKI MOTORS CORP., U.S.A.

Hydraulic motors (Staffa)

HYDRAULIC POWER AND MOTION CONTROL PRODUCTS (CONTINUED)

LDI/VESCOR

Hydraulic accessories and filtration

LHA/DONALDSON

Hydraulic accessories and filtration

LOVEJOY

Adapters, reservoirs, bell housings, heat exchangers and other accessories

MAGNALOY

Pump/motor adapters, couplings, manifolds

MAIN MANUFACTURING

Hydraulic flanges

MICRO-PRECISION

Hydraulic and pneumatic rotary actuators

PARKER/GREER

Accumulators (Greer) and accessories

PENINSULAR CYLINDER COMPANY

Hydraulic cylinders

PERMCO

Hydraulic gear and vane pumps, motors and flow dividers

SAINT MACHINERY

Hydraulic reservoirs and accessories

THERMAL TRANSFER PRODUCTS

Heat exchangers

WALVOIL

Hydraulic valves



Value Added Services

PRODUCTION HOSE AND KITTING CENTER

- Automated hose cutting and kitting capabilities
- Certified hose technicians, custom protective end capping for transport and contamination ingress
- Hose cleaning upon manufacture; highest level of quality and cleanliness
- Custom labeling available
- Custom testing available
- In field hose specialists available for application recommendations and kit specification

BUILD CENTERS AND CONVERSION SHOPS

- Durst pump drive build center
- Valve build center for sectional mobile valves
- Pump/motor build center for Permco pumps
- Conversion shop capability

REPAIR, SERVICE AND TEST CAPABILITIES

- Full range of fluid power component repair
- Flow, pressure, and load test capabilities
- Eaton certified repair facility
- 100 HP pump test stand

APPLICATION ENGINEERING

- Power unit design and testing
- Design review
- System design
- Schematic Layout and AutoCAD Inventor 2010 platform
- Manifold design
- Electro hydraulic system design and programming
- Onsite custom engineering capabilities
- Fluid conveyance specialists for superior engineering and design
- Expert recommendations
- Fluid power professionals available for on site recommendations

Air-Hydraulic Systems is one of 19 Fluid Power Subsidiaries of Applied Industrial Technologies. Applied® is the world's largest fluid power distributor, but we are more than just a supplier of hydraulic and pneumatic components. Our network of fluid power companies (70+ locations) and one of the largest teams of Certified Fluid Power Specialists, Certified Electronic Control Specialists, Certified Fluid Power Mechanics and Technicians is your resource for problem solving, system building, troubleshooting and other requirements.

LOCATIONS:

MINNESOTA

PLYMOUTH

**EATON Certified Warranty/
Production Hose Center**

6055 Nathan Lane Suite 100
Plymouth, MN 55442
P: 763-519-2100 / F: 763-519-2101

WAITE PARK

3000 4th St. South
Waite Park, MN 56387
P: 320-252-3481 / F: 320-252-1611

DULUTH

2922 West Superior St.
Duluth, MN 55806
P: 218-628-2805 / F: 218-628-3565

NEBRASKA

OMAHA

4154 So. 89th St.
Omaha, NE 68127
P: 402-339-6263 / F: 402-339-6855

NORTH DAKOTA

FARGO

1517 Main Ave.
Fargo, ND 58103
P: 701-237-4129 / F: 701-234-0672