

# MOTION & CONTROL FOR TODAY'S INDUSTRIES

804.275.1436

www.afpind.com















Instrumentation





























# HYDRAULICS

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## Parker



**Cylinder:** Heavy duty, medium duty, steel, stainless, aluminum, compact, electromechanical, custom, NFPA mounts

**Valves:** Directional, proportional, servo, in-line, manifold, DIN cartridge, flow control, pressure control

**Accumulator:** Piston, bladder, and diaphragm gas bottles, reservoir isolators, surge protectors

**Electronic Controls:** IQAN, controllers/modules, displays, joysticks, levers, sensors, software

**Pumps:** Fixed and variable, piston, vane, gear, gerotor, hydrostatics

**Filtration:** High, medium, and low pressure. oil analysis, portable carts, vacuum dehydrators, fluid condition monitoring, elements

**Motors:** Low-speed, high torque: high-speed, piston, gerotor, gear

Coolers: Air-oil coolers, water-oil coolers Rotary Actuator: Gear, rack-pinion, vane Power Units: Compact, vertical, custom

#### BRANDS SUPPLIED BY - Parker





















#### ENERPAC. 🗗

- Industrial Hydraulic Tools
- · Work Holding
- Pumps/Cylinders/Valves



· Air/Oil coolers



- Pressure Gauges
- Transducers / Switches
- Valves



- Planetary Gearboxes
- Radial / Piston Motors
- Wheel & Track Drives



- Low/Speed/High Torque
- 20,000 lb-ft Torque





- Aluminum, Iron, SS, Steel
- · Bodies, Subplates, Header Blocks



- Overhung Load
- Adaptors



- Electro-Hydraulic Actuators
- Servo Actuators





- Gear Reducers
- Electric Drives
- Hydraulic Cylinder Feedback





### Parker



**Air Preparation (FRL):** Filters, Regulators, Lubricators, in-line, filter/regulator combo, modular, dump valves, shut off valves

**Pneumatic Accessories:** Mufflers, silencers breather vents, quick exhaust valves, flow controls, relief valves, dump valves, shut-offs

**Structured Aluminum:** T-Slot framing system

**Pneumatic Valves:** Directional control valves, lubricators, in-line, filter/regulator combo, 2,3,4 way, solenoid and manual, inline, sub-base, modular, dump valves, shut off valves manifold mounted, ISO, fieldbus

**Cylinders and Actuators:** heavy duty, steel, aluminum, NFPA, ISO, rotary actuators, linear and rotary positioners, grippers

Vacuum Products: Generators, cups, sensors



- Mobile Motion Control
- Mobile Sensors
- Mobile Joysticks



- AC/DC Motors
- Gearmotors
- Custom Motors



- Colabortive Robots
- Welding Robots



- Motion Control
- · HMI and Drives
- Vision and Sensors
- Temp/Process Control



- Safety Controllers
- · Light Curtains/Lasers
- Sensors



- Robots Electric Actuators
  - Lift Systems
  - Ball Screw Jacks



- Position Sensors
- Linear Transducers
- Level Transducers



- Electrical Enclosures
- Stainless Steel Enclosures
- Non-Metallic Enclosures



- Motor Controls
- Relays and Controls
- Soft-Starts



stay connected

- Fieldbus I/O
- Cabling
- Control Components



- Electrical Enclosures
- · Stainless Steel Enclosures
- Non-Metallic Enclosures

### ORIENTAL MOTOR

- Stepper Motor/Drives
- AC/DC Motors
- Fans
- Linear Actuators



- HMI/PLC
- Networking
- Remote I/O



- AC/DC Drives
- Servo's
- Custom Systems



- Servo/Stepper Drives & Motors
- Linear Motion Systems
- Motion Controllers & HMI
- Gearheads and Gearmotors

**SERVICES** 

- Circuit Design and Layout
- Kitting for OEM's
- In-House Technical Support
- Custom Electrical and Pneumatic Panels
- AutoCad and 3D Modeling
- Control System Review



## Parker

**Hydraulic Hose:** Rubber, thermoplastic, hybrid, stainless steel braided, non conductive, CNG, air brake, sewer cleaning, from suction to 10,000 psi hose fittings, JIC, NPT, ORFS, Metric, British, JIS hose assemblies and assembly equipment

#### **Brass and Composite Fittings and Valves:**

Push-to-Connect (inch and metric), compression 45 degree flare, hose barb, DOT, ball valves (steel, stainless, brass, thermoplastic), garden hose adapters, pipe fittings, accessory valves and blow guns

**Ultra-High-Pressure Hose:** Water blasting, water jet 6,000 to 60,000 psi

**Tube Fittings:** Steel, stainless, brass, JIC, JIS flared, inch, metric, O-ring face seal, 4 bolt flange adapters, tube clamping systems, tube fabrication equipment

Quick Couplers: Hydraulic, pneumatic, chemical, diagnostic, pressure wash couplings, in-line & 90 degree check valves, remote sensing and diagnostic electronics

**Industrial Hose:** Air, multipurpose, chemical, composite welding, tank truck, steam, ceramic lined, pressure washer, contractor hose, push-lok, jack hammer

**Plastic Tubing:** Inch, metric, polyethylene, urethane, nylon, polypropylene, PTFE, FEP, PFA tubing, water and beverage, Fast-Stor coil tubing, DOT air brake tubing

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- Hydraulic Flanges
- Split Flange Adaptors
- Weld Couplings



- · Industrial Hose fittings
- · Hose Coupling Systems
- · Hose and Groove Fittings



- Hose Reels
- · Electrical Reels



- · Hydraulic Reservoirs/Tanks
- Reservoirs Accessories
- · Pump/Motor Adapters



- Automotive Brake Hoses
- · Brake Adapters

#### **SERVICES**

- Bin Fill Programs
- On-Site Hose & Tubing Fabrication
- Fabrication Equipment Rental
- Hose and Fitting Training
- Thread Identification Classes
- On-Site Consulting



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#### **ENGINEERED SYSTEMS & SERVICES**

AFP Industries is a leading supplier and fabricator of motion and control systems throughout Virginia, North Carolina, South Carolina, Georgia, Florida and Tennessee. We design and assemble custom systems utilizing hydraulic, pneumatic, and electrical components to meet your most challenging motion and control needs.

Our team at AFP is dedicated to delivering the ideal combination of hydraulic and pneumatic components with electrical controls to ensure precise, reliable operation of your system.









#### A TOTAL SYSTEM APPROACH USING PARKER PRODUCTS

In addition to providing a substantial selection of individual hydraulic, pneumatic and electrical components for your industrial or mobile applications, AFP's in-house fabrication team specializes in creating efficient, reliable and cost-effective motion and control systems, customized to fit the precise needs of your business, no matter your industry or size of your operation.

#### PARKER PRODUCTS USING AFP SOLUTIONS

We are a proud distributor of Parker-Hannifin hydraulic and pneumatic components, and use them exclusively for our custom motion and control products for our clients in Virginia, North Carolina, South Carolina, Georgia, Florida and Tennessee. You can count on Parker for the highest quality motion and control products.

#### **Training**

- Hydraulic and Pneumatic Technology
- · Hose and Fitting Technology
- Mobile Motion Control (IQAN)
- Programmable Logic Controls
- Drives and Motion
- Safety
- Pneumatics

#### **Engineering**

- Hydraulic Power Unit Design
- Pneumatic Panel Design
- Circuit Design/Layout
- Logic Programming
- AutoCad Drawings
- 3D Modeling
- Custom Panels

#### Value-Add

- Bin Management
- Kitting for OEM's
- Brand Conversions
- Technical Support
- Control System Review Custom Tube Fabrication
- Fabrication Equipment Rental

#### **Richmond Office**

7900 Whitepine Road Richmond, VA 23237

Ph: (804) 275-1436 Fax: (804) 275-6379

#### **Greensboro Office**

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LOCATIONS \*

#### Richmond, VA

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1624 Ownby Lane Richmond, VA 23220 **Ph:** (804) 359-0818

#### Ashland, VA

11263 Air Park Road Ashland, VA 23005 **Ph: (804) 412-2100** 

#### Norfolk, VA

4580-C Village Ave Norfolk, VA 23502 **Ph:** (757) 419-3577

#### Jacksonville, FL

6730 Suemac Place Jacksonville, FL 32254 **Ph: (904) 781-5337** 

#### Grovetown, GA

740 Horizon South Pkwy Grovetown, GA 30813 **Ph:** (706) 210-0098

#### Fayetteville, NC

3510 Gillespie Street Fayetteville, NC 28306 **Ph: (910) 425-7201** 

#### Sumter, SC

1199 S. Guignard Drive Sumter, SC 29150 **Ph: (803) 773-0532** 

#### Knoxville, TN

200-B Perimeter Park Road Knoxville, TN 37922 **Ph:** (865) 693-1751

#### Johnson City, TN

3217 Hanover Road Johnson City, TN 37604 **Ph: (423) 218-2320** 

#### Charleston, SC

1270-A Drop Off Drive Summerville, SC 29486 **Ph:** (843) 203-0914

#### Mooresville, NC

146 Cayuga Drive Mooresville, NC 28117 **Ph: (704) 360-8684** 



A complete automation solution provider, supplying industry with innovative solutions for motion and machine control utilizing Hydraulic, Pneumatic, Electrical and Fluid Connector products since 1971.

### **Parker** Store

AFP Industries Inc. operates 12 Parker Store locations to meet all of your hose and fitting needs. Each location stocks a wide variety of hose, fittings, and fluid connectors.

Our stores offer on-site fabrication of hydraulic and pneumatic hose assemblies and tube assemblies. We are here to help you solve your fluid connector needs and get you back up and running.

