

People Products Performance Solutions



Lubrication



Hydraulics



*Fluid
Connectors*



Pneumatics



Filtration



Seals



Motion Flow & Control Products Inc. provides the most comprehensive offering of motion & control products available in the market today. Our total system capabilities enable our customers to purchase all of their fluid power components from just one source.

At MFCP we stock top-quality products from leading manufacturers such as Parker, Balluff, Delta, Schmersal, NoShok and many others. No other company gives you our vast selection of components, at such great value, to help keep your business growing.



MFCP Offers

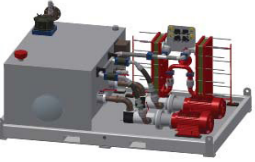
- Hydraulics
- Automation
- Hose & Fittings
- Custom Seals
- Motion control
- Instrumentation
- Gauges
- Lubrication
- System design & fabrication
- Engineering services
- 24-hour, On-site mobile hose service
- Local ParkerStores
- Rental units



Your source for **Quality** products

Engineering Services

- System design, analysis & troubleshooting
- 2D, & 3D, conceptual design & layout
- System efficiency analysis
- Bearing lubrication analysis



Mobile Plus

- On-site system installation
- Tube & hose fabrication
- Welding
- Start-up assistance
- Turnkey systems



Sub-Assembly

- Any & all components can be kitted
- Sub-assemblies produced
- Complete prototyping services available



Motion Picture Special Effect

- Design & supply components for multi-axis motion base
- Closed-loop systems
- Computer interface
- Record-playback capabilities
- Rental equipment for entertainment industry



Customized Rental Units

- Hydraulic power units
- Customized power units
- Off-line filtration units
- Accumulator racks
- Filter carts

Store

- We have metrics!
- Huge inventory
- "Full-line" product offering
- Instrumentation valves & fittings
- Hose assemblies while you wait
- Factory-trained staff to assist you



*24-hour on-site service
Custom hose assemblies
Preventative maintenance programs*



SID - System Integration

- System design & integration
- System installations
- Turnkey systems
- Standard or custom power units
- Off-line filtration systems & carts
- Custom tube bending
- Custom manifolds design, manufacturing & assembly
- PLC controls & programming support
- Motion control, integration & tuning
- Data acquisition, logging & monitoring
- Panels/enclosures integration
- Custom operator interface touchscreens

Industrial Hydraulics

- Cylinders — tie rod, welded & custom
- Pumps & motors — piston, vane, gear & screw
- LSHT roller vane motor
- Valves — directional, pressure & flow control, explosion proof/ATEX
- Servo & proportional valves & controllers
- Accumulators — piston, bladder & diaphragm up to 5000 psi
- Mini AC & DC power units
- Rotary actuators
- Parker, Denison, Oildyne, SPX, Dynex, Hydac, Atos & Settima



Filtration

- Low, medium & high pressure filters, duplex, API
- Water removing elements & breathers
- Competitive interchange elements
- Dehydration systems
- Filtration skids

Value Added

- Tube bending
- Control panel design & build
- System/circuit design
- Valve manifold assembly & test
- FRL assembly & test
- Special packaging
- Component kitting
- Motion control
- Data acquisition
- Panels/enclosures
- Transair — energy efficient, quick connect technology, removable & reusable, modular design, no corrosion, leak free
- Aluminum T-slot framing services — design, fabrication & installation of:

- Machine guarding
- Machine frames
- Test stands
- Special fixtures



Mobile Hydraulics

- Hydraulic valves, portional, level & load sense
- Pumps & motors — piston, vane, & gear
- HSLT motors
- Hydrostatic steering units
- Parker — Gresen, Apitech, Pulsar, Commercial
- SPX Power Team™, SPX Stone™
- Hydac
- IQAN control system
- Hydrostatic loop filters
- Bent-axis — VOAC/Brevini Fluid Transmission
- Brevini wheel drives & Ausco Brakes



Lubrication

- Automated lubrication systems
- Orsco® auto lubrication systems
- Oil or grease lubricating systems
- Complete line of accessories

Motion Control



Drive & Motors

- AC drives & motors
- DC drives & motors
- Servo drives & motors
- Stepper drives & motors
- Multi-axis motion controllers

Mechatronics

- Belt drive positioners
- Screw driven positioners
- Electric cylinders - high force, rodless
- Rotary positioners

Electrohydraulics

- Open & closed loop controls
- Multi-axis motion controllers
- Precision force & position controls

Automation

Pneumatics

- Cylinders — compact, ISO, NFPA/tierod, rodless, guided, round, rodlocks, custom
- Actuators — rotary, air motors, slides, shock absorbers, clamping, special application
- Valves — ISO, manifold, fieldbus, lever, foot, solenoid, process control, special purpose
- Air preparation — modular FRL's, filters, dryers, oil removal, pressure regulators, lubricators, soft starts
- Piping systems — Transair advanced piping system, receiver tanks, drains, water separators, air boosters, relief valves
- Air logic — timers, counters, pulse, oscillating, shuttle, check, 2-hand start, sequence, sensors, indicators
- Schunk — grippers & modular automation
- Vacuum generator



Electrical

- Cabling solutions — cord sets, valve connectors, shielded, RJ45
- Power supplies & intelligent power distribution
- Operator interfaces — touchscreens, HMI's, PC's
- Fieldbus solutions — I/O, valves, motion control, cabling
- Safety relays, switches, light curtains, 2-hand controls, pressure mats, controllers
- Control cabinet products — cable entry, panel interfaces, pushbuttons, switches, relays
- Sensors — proximity, optical, linear feedbacks, cylinder, transducers, temperature, pressure, moisture, color, capacitive, ultrasonic, flow



Fluid Connectors

- Parker hose & fittings — 100's of styles to choose from: air, hydraulic, water, fuel, oil, vacuum to 10,000 psi
- Industrial hose — acid, chemical, air, multipurpose, fire, food & beverage, hose couplings
- Fittings, tube, adapters & valves, brass, steel, stainless steel, plastics, aluminum & instrumentation
- Parker thermoplastic tubing — nylon, polyethylene, polyurethane, polypropylene, teflon, clear vinyl & self-retracting coiled assemblies
- Quick couplers — pneumatic, hydraulic, water, vacuum to 10,000 psi
- NoShok gauges — transducers & needle valves
- All products available in US Standard or Metrics
- Tube bending, cutting & flaring tooling
- Alternate fuel; refueling nozzles & receptacles, breakaway quick couplers, dispensing hoses

Seals

- High performance — custom seal kitting, auto-bagged for accuracy, custom labeling/packaging, bar coding, logo, heat sealed, low-high volume, engineering design
- O-ring — Kalrez®, NBR, HNBR, XNBR, TFEE/PE, ACM silicone, fluorosilicone, FKM, FFKM, EPR, polyurethane
- Seal troubleshooting & engineering — chemical analysis, application & size evaluation
- Fluid power seals — hydraulic piston & rod seals, hydraulic scraper/wipers, hydraulic wear/guide rings
- Parker Chomerics — EMI shielding, conductive rubber, adhesives & sealants, shielding gaskets
- Rotary seals — mechanical seals, seal repair, component & cartridge seals, polymer seals, UTEX® cartridge seals
- Custom rubber shape seals — compression, transfer, LIM molding, diaphragms, V-ring, wellheads
- Composites — rubber, plastic, metal, bonded seals, Gask-O-Seals, integral seals, resin-reinforced polyester fiber, CIP™
- High performance polyurethanes — polypaks, U-cups, Resilon® bumpers, cast urethanes
- High performance plastics — water resistant & high temps, PTFE back-up rings, spring energized (SES), seals, O-ring loaded U-cups





Products

Actuators, Stages & Cylinders
Automation Components
Compressed Air Equipment
Controls
Drives & Motors
Electrical

Filtration
Gauges & Measurement
Hose, Tubing & Fittings
Hydraulics
Machine Safety
Mobile & Truck

Pneumatics
O-Rings & Seals
Sensors & Switches
Tools & Assembly
Vacuum
Valves



Services

Seal Kitting Services
Hose Kitting Services
Cylinder Interchanges
Hydraulic Component Repair
Tube Bending and Fabrication
Rental Units/Equipment

Vendor Managed Inventory



Engineered Solutions

Control Systems & Enclosures
Standard Hydraulic Power
Units
Custom Hydraulic Power
Units
Custom Hydraulic Manifolds

Pneumatic Systems &
Assemblies
Seal Engineering
System Installation
System Design
Schematics

Custom Machine Guarding
Workstations & Workcells



Technologies

Automation
Compressed Air & Pneumatics
Controls/Control Panel
Electromechanical
Filtration
Hose, Tubing & Fittings

Hydraulics
Mobile Controls &
Hydraulics
Machine Safety
Seals & Engineered
Materials

Industrial Hose



Locations

We support our customers in the Western United States with a growing number of locations. When you visit one of our ParkerStores, you can count on quick, friendly service from one of our store professionals.

All of our ParkerStores stock products provide hose assemblies while you wait, adapters, and many Parker fluid connector products. Individual stores offer additional products and services to support the industries in their specific locations.