



Controlled Motion Solutions



Hydraulics



Filtration



Fluid Connectors



Pneumatics



Seals



Lubrication

People  
Products  
Performance  
Solutions

# Your Complete Motion & Control Source

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

## **Comoso offers:**

- *Hydraulics*
- *Pneumatics*
- *Seals*
- *Hose & fittings*
- *Gauges*
- *Instrumentation*
- *Lubrication*
- *System design & fabrication*
- *Engineering services*
- *24-hour, on-site Mobile Hose service*
- *Local Parker Stores*
- *Rental units*



# Value Added



## Mobile Hose Service

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



## Store

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

## 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 Effects

- 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



- Parker hose & fittings — 100's of styles to choose from; air, hydraulic, water, fuel, oil, vacuum to 10,000 psi
- Fittings, tube, adapters, brass, steel, stainless steel, plastics, aluminum and 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

## Fluid Connectors

Exclusive California  
Denison Distributor

## Industrial Hydraulics & Filtration

### Industrial Hydraulics

- Cylinders — Tie rod, welded & custom
- Pumps & Motors — Piston, vane & gear
- LSHT roller vane motor
- Valves — directional, pressure & flow control
- Servo & proportional valves
- Accumulators — Piston, bladder & diaphragm up to 5000 psi
- Up to 10,000 psi rated components
- Mini AC & DC power units
- Rotary actuators
- Parker, Denison, Oilydne & SPX, Dynex



### Filtration

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





- Automated lubrication systems house
- Orsco® auto lubrication systems
- Oil or grease lubricating systems
- 24VDC or 120VAC
- Over the road/mobile lubrication
- Spray transfer & measuring systems
- Hydraulic, pneumatic & electric drives
- Electric or air operated transfer pumps
- Hand pumps, hose reels, grease guns & fittings
- Lubrication truck accessories
- Complete line of accessories

## Lubrication

## Mobile Hydraulics

- Pumps and valves up to 10,000 psi
- Hydraulic valves & controls to 10,000 psi
- Piston, gear, & vane pumps & motors
- HSLT motors
- Hydrostatic steering units
- Parker — Gresen, Apitech, Pulsar, Commercial
- SPX Power Team™, SPX Stone™
- Linde
- IQAN control system
- Hydrostatic loop filters
- Bent-axis — VOAC/Linde
- Auburn Planetary Wheel Drives & Ausco Brakes







### **Balluff**

- Micropulse linear feedbacks
- Sensors — cylinders, valves & accessories
- Remote systems accessories

### **Delta Computer & Servo Motion Controllers**

- Seamless transition between force, speed, and /or position control
- Graphics displays for easy setup & troubleshooting



### **ElectroMechanical/ElectroHydraulic**

- Steppers & proportional servomotors
- Drives, control & linear actuators
- Open and closed-loop onboard electronics



## Precision Motion Control

## SID — Systems Integration Division

- System integration
- System installations
- Standard or custom power units
- Automated lubrication systems
- Off-line filtration systems
- Turnkey systems
- Tube bending
- Custom manifolds
- PLC controls
- Motion control
- Data acquisition
- Panels/enclosures
- Touch screen





Hydraulics | Pneumatics | Fluid Connectors | Seals | Filtration | Lubrication | System Design

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**WEST COAST**

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