

# Flow Products

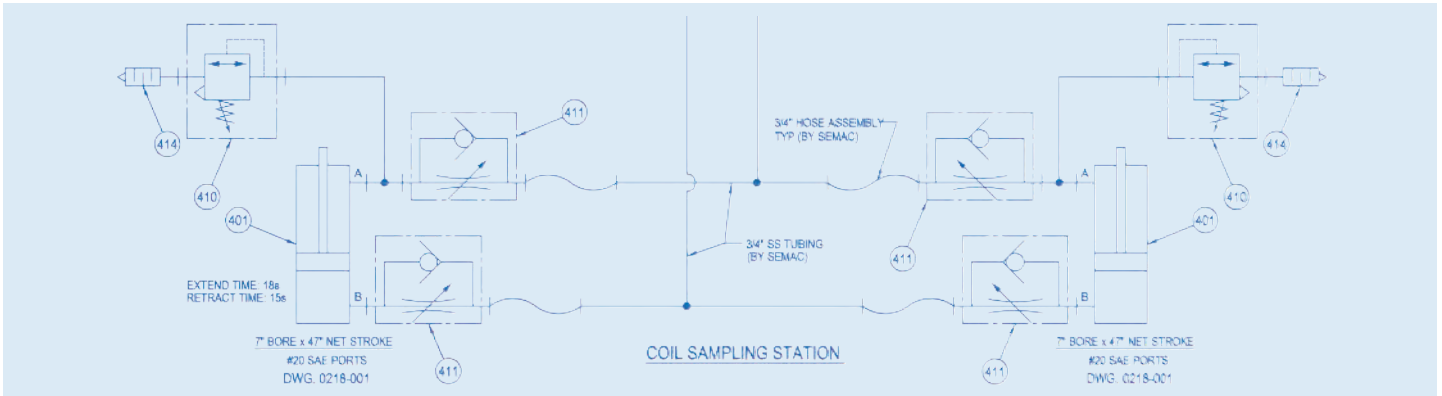
**Leading Distributor of Hydraulic, Pneumatic and Electro-Mechanical Products**



**Powerfully Smart Solutions**

773-528-2000

[sales2@flowprod.com](mailto:sales2@flowprod.com)



# FlowProducts

For over seventy years, Flow Products has been a leading distributor of hydraulic, pneumatic and electro-mechanical products in the Chicago and mid-west region. Our product offerings range from fittings, valves, motors, pumps, actuators, sensors to a full array of custom manifolds and engineered systems – all designed to improve our customer’s productivity.

Please visit us at [FlowProd.com](http://FlowProd.com) to review all the market leading services we provide, standard products available and custom designs we offer. Reach out to us and talk to one of our fluid specialists, discuss your application and allow us the opportunity to present ideas on how we can improve your operation and increase productivity.

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## Primary Product Lines:



# Flow Products

## Focused on your business needs

Flow Products is staffed with engineers that are certified by the International Fluid Power Society (IFPS). This highly regarded certification assures our engineers use the latest technology in reviewing applications, providing the right product and when required, developing custom solutions. This provides the best value to our customers which improves performance and product reliability in their systems.

### Fittings

Proper selection of fittings is essential for a safe and effective operation of any hydraulic or pneumatic system. A full line of fittings available in various sizes and materials such as: brass, steel, stainless steel, high pressure steel and as quick disconnects (QD's) cover a wide range of applications and conditions.

- brass
- stainless steel
- rotary manifolds
- steel
- quick disconnect (QD's)
- high pressure
- adapters



### Hose & Tubing

Fluid conveyance products are offered in a broad range of sizes, materials, configurations and features all designed for specific applications. These range from food grade, Teflon, industrial to high pressure and all available with special features such as wire braiding, protective sleeves, special fittings or bulk reels.

- pneumatic hose
- teflon hose
- bulk hose
- hydraulic hose
- wire braiding
- clamping systems
- food grade hose
- protective sleeves



### Instrumentation

In today's demanding manufacturing environment, a full line of top quality instruments ranging from gauges, level sensors, flow meters, to pressure and temperature sensors & transmitters, provide key system feedback for safe and efficient control of the equipment.

- flow meters
- thermometers
- level sensors
- gauges, sight
- pressure transducers/transmitters
- differential switch
- pressure gauges
- temperature sensors
- pressure switch
- temperature transducers/transmitters
- pressure sensors
- temperature switch
- vacuum switch
- thermocouples/RTD's
- level switch
- thermowells





## Hydraulics

For applications requiring higher applied forces, hydraulic products meet the challenge. With manual valves, solenoid valves, cylinders and filters, the complete package is available for any application.

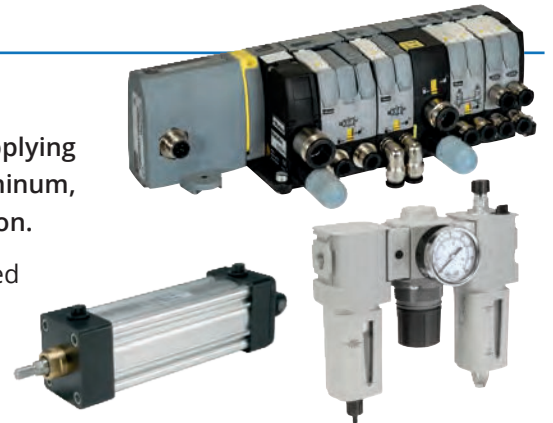
- valves: directional, flow, pressure control
- cylinders; mobile, industrial, ISO, NFPA
- servo systems
- solenoid valves: manual, piloted
- rotary actuators
- accumulators
- oil filters
- hydraulic oil
- IC Blocks
- Power units (HPU's)



## Pneumatics

Air cylinders and air prep products can provide an economical means of applying force in a myriad of industrial applications. With cylinders available in aluminum, steel and stainless steel, the products can be fitted to almost any application.

- filter, regulator, lubricator combo
- cylinders: aluminum, steel, stainless steel
- solenoid valves: manual, piloted
- communication protocol
- field bus, I/O link



## Power Transmission

Full range of mechanical drives, brakes, clutches, gear motors, gearboxes, reducers, hydraulic motors and pumps. Selected to provide efficient transmission and control of power to industrial systems.

- brakes, clutches
- right angle gear drives & motors
- gear motors
- gear drives
- parallel gear drives
- planetary gearboxes
- swing drives
- slew bearings
- wheel drives
- pumps: gear, vane, piston, hydrostatic
- motors: hydraulic, pneumatic



**Call today to speak with one of our SALES PROFESSIONALS!**



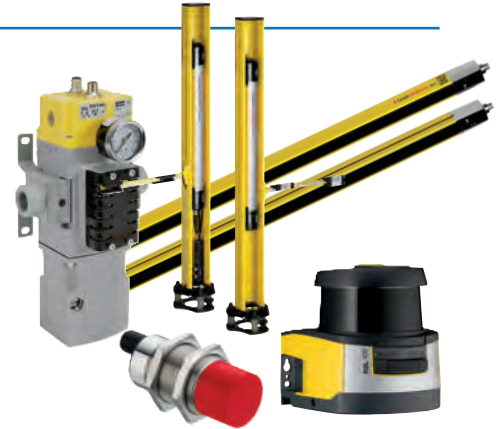
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## Safety Products

Our line of sensors and safety systems are an essential part of a complete safety program. They are designed to provide a safe work environment in most manufacturing and assembly operations.

- safety light barriers
- safety switches
- safety fence systems
- light curtains
- proximity sensors
- safety exhaust valve CAT 3, CAT 4
- safety laser scanners
- locking devices
- safety relays



## Electrical

From timers, relays, power supplies, electric motors (induction, servo and steppers) to electric actuators, servo valves and control panels, our extensive product offering allows for the proper selection of electrical components for any project.

- motors: AC, DC, servo, stepper
- control panels
- power supplies
- electro-mechanical actuators
- variable frequency drives (VFD)
- servo valves

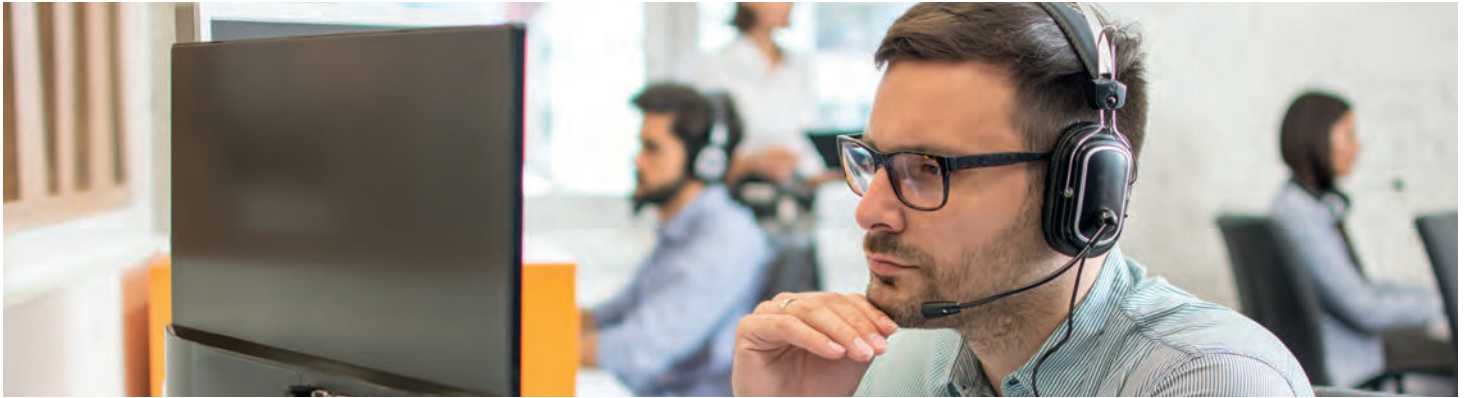


## Custom Systems

Complete design, assembly and commissioning of hydraulic, pneumatic and electro-mechanical systems with full instrumentation and controls. Systems include turnkey, skid mount, modular or bench top.

- power units: mobile, industrial
- pneumatic valve manifolds
- integrated circuit manifolds assemblies
- pneumatic control panels
- electric control panels
- hydraulic filtration carts
- metal tube fabrication (steel, copper, stainless steel)
- hose assemblies





# Flow Products

## ***CUSTOMER SERVICE & TECHNICAL SUPPORT***

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Our dedication to market leading service levels is always evolving. We work to meet all your requirements and strive to provide additional services that enhance your purchasing experience.

### **We offer the following services:**

- Same day quote turnaround on standard products
- Customer dedicated inventory
- Vendor managed inventory
- Custom labeling and packaging
- IFPS Certified fluid power specialists
- Complete fluid system design, assembly, and test capabilities
- System start-up and commissioning
- System troubleshooting and diagnostics
- Component and systems repair service
- Customized technical training programs



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