



## What can Isaacs Fluid Power do for you?

- Local Inventory
- Vendor Managed Inventory
- Fluid Power Education Programs
- Design & Technical Assistance
- Project Build & Installation
- Factory Authorized Gast Service Center
- Authorized Field Service for Busch Vacuum Pumps



## Representing & Distributing

AAA Products, Intl.  
Air-Logic  
AirTAC  
Alcon-Rotork Solenoid Valves  
Alkon Fittings & Valves  
Allenaire Corporation  
Aignep Pneumatics  
Alumi-Tec Manifolds  
Automatic Valve  
Baco Switches  
Barrington Automation  
Busch, LLC  
Canfield Connectors  
Clippard Instrument Labs.  
Compact Automation Div. ITT  
CPC (Colder Products)  
Cunningham Mfg.  
Dixon  
Duramaster/Greenco  
Dwyer Instruments  
Enidine Div. of ITT  
ESP Gauges  
Fairchild Industrial Products  
Frame World Structural Aluminum  
Freelin-Wade  
Gast Mfg. Div. of IDEX  
Hankison SPX

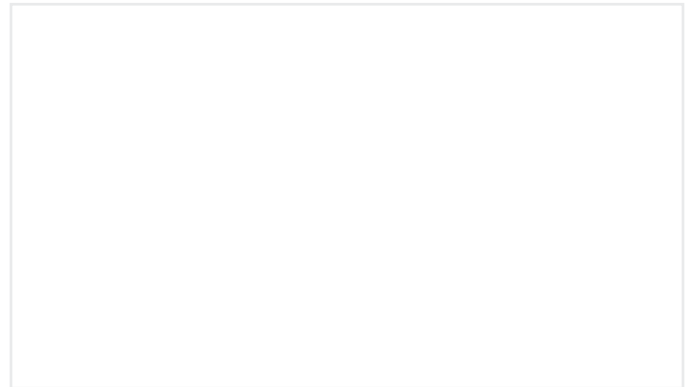
John Guest  
Jun-Air Div. of IDEX  
KIP-Norgren  
Kyntronics  
Mem-Co Fittings  
Midland - ACS Div. of Rotork  
M&M Precision Div. of Rotork  
Motion Controls  
Nason Company  
Newage  
NGT Specialty Valves  
Nycoil Fittings & Tubing  
Parker Convum  
Parker Origa  
Parker Tema-Rectus Couplings  
Parker Watts Fluidair  
Peter Paul Electronics  
Rego Products  
Rockford Air Devices  
Spartan Scientific  
StarCyl Air & Hydraulic Cylinders  
Turn-Act Div. of ITT  
Twin-Tec Connectors  
Universal Components Inc.  
Van-Air Systems  
W.C. Branham Co.

## Product Categories

Actuators, Linear & Rotary  
Actuators, Electric Ball Screw  
Air Compressors & Blowers  
Air Distribution Piping & Manifolds  
Air Motors - Direct & Gear Reduced  
Air Preparation (F-R-L's)  
Compressed Air Dryers  
Connectors & Couplings  
Cylinders - Air & Hydraulic  
Fittings - Tube & Pipe  
Gauges - Pressure & Temperature  
Grippers - Angular & Parallel  
Hose & Tubing  
Indexing Tables  
Linear Slides & Gantries  
Logic Control - Pneumatic  
Pneumatic Tools

Pneumatic Feed Drills & Tappers  
Process Control Valves  
Proportional Pressure Control  
Rodless Air Cylinders  
Solenoid Valves  
Structural Aluminum Framing  
Switches - Temperature & Pressure  
Transducers - Electro-Pneumatic  
Valves - Manually Actuated  
Valves - Pilot & Solenoid Actuated  
Valves - Check, Flow, Needle, Ball  
Vacuum Cups  
Vacuum Generators  
Vacuum Pumps & Systems

## Your local field sales representative is:



### Cincinnati

6091 Commerce Ct.  
Mason, OH 45040  
Phone: (513) 336-8500, (888) 336-8510  
Fax: (513) 336-8502

### Dayton

1023 E. Fourth St.  
Dayton, OH 45402  
Phone: (937) 228-7774, (800) 207-7774  
Fax: (937) 228-1306

### Columbus

950 Taylor Station Rd. Unit Q  
Columbus, OH 43230  
Phone: (614) 895-8504, (800) 207-8540  
Fax: (614) 895-8544

### Louisville

11341 Decimal Drive  
Louisville, KY 40299  
Phone: (502) 487-3180  
Fax: (502) 487-3184

### Indianapolis

9384 Castlegate Dr.  
Indianapolis, IN 46256  
Phone: (317) 577-6920, (800) 738-3486  
Fax: (317) 577-6930

### Fort Wayne

7127 Homestead Rd. Suite G  
Fort Wayne, IN 46814  
Phone: (260) 471-8999, (877) 471-8999  
Fax: (260) 471-6888



# Actuators & Power Output Devices

## LINEAR ACTUATORS & CYLINDERS - AIR & HYDRAULIC



### Allenair

Standard duty air cylinders up to 200 PSI, hydraulic to 500 PSI. 1/2" to 4" bore sizes with universal mounting attachments. Numerous standard configurations that include 3 position, tandem, valve-in-head, hydraulic controlled "cyl-check" air cylinders, non-rotating rod, and adjustable stroke. Available in all 316 or 304 SS.



### Aignep

ISO Series Air Cylinders built for high cycle, high speed applications. Bore sizes from 06mm through 320mm. Twin-rod, guided rod, rod-less, stainless steel, miniature and compact series with full complement of accessories.



### AirTAC

Pneumatic air cylinders, guided cylinders, slides, NFPA interchangeable, and rodless cylinders available from 06mm bore through 5" bore sizes. Designed for high speed, high cycle applications. Wide selection of cylinder configurations available for quick delivery.

### Compact Automation

Miniature air cylinders ranging in size from 5/32" through 3" bore. Single and double acting, wide selection of options and stroke sizes. Cylinders available as stainless steel, or brass body construction, or Delrin body styles. Available as custom engineered, OEM designed specialty actuators.



### Compact Automation

Space saving, low profile, rugged duty air and hydraulic cylinders from 1/8" bore through 8" bore sizes. Hollow rod, guided rod, slide type, double ended, tandem, multi-bore configurations, as well as, grippers, clamps, and twist cylinders.



### Parker-Origa

Rodless air cylinders from 10mm bore to 80mm bore. Standard stroke lengths up to 15 feet. Available with guided rails, linear bearings, brakes, clean-room spec, corrosion resistant, adjustable position stops, and shock absorbers.



### Cunningham / Duramaster / Motion Controls / Rockford / Starcyl

NFPA Heavy Duty Air and Hydraulic Tie Rod Type Cylinders. 1-1/2" through 14" bore with standard stroke lengths to 10 feet. Available construction materials include aluminum, steel, stainless steel, and composite body. Full assortment of mounting styles, accessories, options, position switches, rod ends, rod sizes, porting positions, stop-tubes, coatings, seal materials, and specials.

## SPECIALTY DEVICES, ROTARY ACTUATORS, INDEX TABLES, LINEAR MOTION PRODUCTS



### Kyntronics

Smart Hydraulic Actuator. Output forces from 800 lbs. to 79,000 lbs. from a self-contained, compact, pre-engineered, hydraulic package but less the cost, space, maintenance, and noise of the usual hydraulic power unit.



### Compact - Niasa

Electric linear actuators, screw jacks, gearboxes, rodless electric cylinders, platform and lift tables. Output forces of up to 80,000 lbs. with fast, precision positioning. Force that rivals hydraulics but with the speed and precision of electric.



### Allenair

Hydraulically controlled "Cyl-Check" air cylinders, and pneumatic powered rotary indexing tables.



### Turn-Act Div. of ITT

Rotary actuators and multi-axis devices. Adjustable rotation, adjustable strokes. Pneumatic shaker tables with autoreciprocating controls.



### Enidine Div. of ITT

Energy absorption products ranging from miniature to large load capacity dampening devices with adjustable rate dampening. Also offering single and multi-bellows air springs, and wire rope insulators.



### Barrington

Precision pneumatic rotary actuators, linear slides, and grippers. Linear tables and guided rail slides for high load carrying capacities. Modular mounting and component combinations.



### Gast Div. of Idex

Air motors and gear reduced air motors ranging in size from 1/8 HP up to 9 HP. Available in stainless and NON-lubricated models.



### W C Branham

Cable and rodless type air cylinders for long stroke applications but where space is limited. Offering fully enclosed models and brake stop configurations.



### AAA Jiffy Drill and Jiffy Tap

Powerful hydraulic driven drills and lead screw tapping units. Rugged duty, high cycle.



### Compact Automation

Twist/Clamp Cylinders, Grippers, and Collet Closers.



### AirTAC

Two, three, and four jaw angular grippers, 180 degree grippers, and parallel jaw grippers.

# Control Valves & Accessories

## DIRECTIONAL CONTROL & SPECIAL PURPOSE VALVES



### AAA Products, Intl.

4/5 Way Directional Control Valves. Solenoid, air pilot, manual operated versions in 1/4" NPT through 2" NPT. Air pressure rated from 250 PSI to 650 PSI. Available in 316 SS construction or with corrosion resistant coatings.



### Rotork: Alcon / Bifold / M&M / Midland

Severe service, stainless steel air valves. 3/2 and 5/2 directional control with solenoid, air pilot, and manual operators. Flow controls, needle valves, check and relief valves for pressures up to 10,000 PSI.



### Clippard

World class, long-life, ruggedly built air valves. Port sizes ranging from 1/8" NPT to 1-1/2" NPT. 3 Way and 5 way directional control, in-line, manifold, sub-base. Solenoid, air pilot, or manually operated.



### Alkon

General purpose and directional control valves in 2, 3, and 5 way configurations. Solenoid, air pilot, or manually operated valves ported 1/4" through 1-1/2" NPT. Available in stainless steel, aluminum, or brass body. Offered as In-line, sub-base, or manifold mounting.



### Automatic Valve

A full line of 2, 3, and 5 way compressed air valves offering miniature valves with 10/32 thread through 1/2" NPT. Valve cards, manifold mounting, in-line, low power versions.

## MODULAR LOGIC & SPECIALTY VALVES



### Clippard

Pneumatic Logic Valves and Logic Boards, Pinch Valves, Gradient Mixing Valves, Media Isolation Valves, Non-Contacting Proximity Sensors.

## GENERAL PURPOSE & SPECIALTY SOLENOID VALVES



### AirTAC / Alcon / Allenair / Clippard / Kip-Norgren / Peter-Paul / Spartan

2 Way and 3 Way, Normally Closed, Normally Open, Multi-Purpose Solenoid Valves. Brass, Aluminum, SS Bodies, NEMA 4, Explosionproof, High Temp, Vacuum or Pressure rated.

## PROCESS CONTROL VALVE PRODUCTS



### Alcon / Dixon / Rotork / UCI / Watts / YTC

1/8" to 2" NPT Ball valves. Flange connection ball valves and butterfly valves. Angle seat ball valves, power actuated valves, controllers and positioners.

## SPECIALTY PURPOSE VALVES & ACCESSORIES



Pilot Operated Check Valves



Check Valves



Lock-Out Tag-Out Valves



Pulse Valves



Flow Controls & Needle Valves



Quick Exhaust Valves



Exhaust Mufflers

## PROPORTIONAL PRESSURE & FLOW CONTROL

### Clippard - Life Science Products



EVP Series Proportional Flow Controls



SCPV Stepper Motor Controlled Flow Controls



"Cordis" Proportional Pressure Controls



"Eclipse" Proportional Controlled Isolation Valve



### Baco

Push buttons, disconnects, control stations, selector switches, pilot lights, and programmable timers.



### Nason

Pressure and temperature switches for industrial, rugged duty applications. Vacuum switches, as well as, pressure transducers and transmitters.



Sustaining Member



Charter Member

# Supply Conditioning Distribution Products

## AIR COMPRESSORS / BLOWERS / VACUUM PUMPS / PACKAGED SYSTEMS



### Gast

Air compressors, vacuum pumps, air motors, regenerative blowers, and vacuum generators. Lubricated or oil-less designs. Flows from 0.1 CFM through 700 CFM, pressures to 125 PSI, and vacuum down to 28.5"Hg. Tank mounted vacuum pump packages, and tank mounted air compressor packages.

*A Gast factory authorized service center*



### Jun-Air

Clean, quiet, reliable air compressors and vacuum pumps for the rigorous needs of the laboratory, bio-science, medical, and dental fields. Complete packaged systems including pre-filters and dryers.

*A Jun-Air factory authorized service center*



### Busch

Vacuum pumps, blowers, and central vacuum pump systems from 5 through 1,000 CFM. Designed for continuous duty, industrial service and process service applications. Vacuum ranges from a few inches Hg to as deep as 0.001 Torr. Designs include oil-sealed, liquid sealed, dry running, vane, screw, lobe, regenerative, PD, scroll, or turbo-molecular. Standard packaged systems, or custom engineered systems designed around your specific process requirements.



### F S Curtis

Industrial air compressors, rotary screw and reciprocating. Skid-base mount, packaged, or tank-mount configurations. Lubricated or oil-free, available with aftercoolers and dryer packages. 1 HP through 250 HP.

## PIPING DISTRIBUTION SYSTEMS



### John Guest / Infinity Air

Quick assembly, modular, compressed air distribution piping systems.

## STRUCTURAL FRAMING



### Frame-World

Extruded aluminum framing profiles, mounts, joining hardware, brackets, and accessories. "Fast-Frame" DIY barriers and guarding.

## COMPRESSED AIR PREPARATION & TREATMENT



### Hankinson SPX / Van-Air Systems

Compressed air dryers, after-coolers, and high efficiency oil and particulate removal filtration. Condensate management, oil-water separators, and automatic drains. Deliquescent, refrigerated, and regenerative type dryers.



### Fairchild

Precision pressure regulators, volume boosters, computing relays, and electro-pneumatic transducers. Sensitivity ratings to 0.1" water-column. Pressure ranges from 28"Hg vacuum through 10,000 PSI. Precision controlled motor driven regulators.



### Parker Air Preparation

Filters, Regulators, Lubricators from 1/8" NPT through 2-1/2"NPT. Stainless steel and high pressure versions. Modular connection styles with a wide selection of pressure ranges and optional features. Soft-Start, Quick-Dump, and Lock-Out products. Flow rates up to 1,200 CFM.



### Air-Logic / AirTAC / Clippard / Rotork

Special purpose filters, regulators, lubricators. Miniature precision, modular connection, stainless steel, high pressure, severe service, reclassifiers, and gauges.

## FITTINGS / TUBING / HOSE / CONNECTORS / COUPLERS / MANIFOLDS



**Air Logic**  
**AirTAC**  
**Alpha**  
**Alumi-Tec**  
**Clippard**

**CPC (Colder)**  
**Freelin-Wade**  
**John Guest**  
**Parker Nycoil**  
**Twin-Tec**

Tube, pipe, and hose fittings. Quick push-in style, or nut and sleeve. Quick connect couplers and connectors. Miniature barbed fittings. Specialty multi-tube connectors and tubing bundles.