



Products & Capabilities

THE *FORCE* OF FLUID POWER

ISAACS
FLUID POWER EQUIPMENT COMPANY

Over 70 Years of Experience

Isaacs Fluid Power, Inc. provides comprehensive solutions for your pneumatic and vacuum system needs.

We offer a wide selection of components and systems from leading manufacturers, including compressors, air motors, vacuum pumps, cylinders, and more. Our experienced team provides expert guidance on system design, troubleshooting, and maintenance, ensuring optimal performance and efficiency for your applications.



**Local & Vendor
Managed Inventory**



**Fluid Power
Education Programs**



**Design & Technical
Assistance**



**Project Build
& Installation**



Vendor Partners

Our extensive product range includes everything from air motors, compressors, and vacuum pumps to pneumatic cylinders and vacuum generators, supported by a robust inventory of parts from renowned brands like Gast, Parker, and Clippard. Each product is chosen for its quality and compatibility with industry-leading technology.

Electric Actuators

Barrington
Compact - Niasa
Kyntronics
Turn-Act (Div. of ITT)
Universal Components Inc

Air Compressors

FS Curtis
Gast
Jun-Air

Air Motors

Gast

Air Springs

Enidine (Div. of ITT)

Buttons

Baco

Collet Closers

Compact Automation

Control Stations

Baco

Cylinders

Aignep
AirTAC
Allenair
Compact Automation
Cunningham
Duramaster
Motion Controls
Parker-Origa
Rockford
Starcyl
WC Branham

Dampening

Enidine (Div. of ITT)

Disconnects

Baco
Colder Products (CPC)

Drills

AAA Jiffy Drill and Jiffy Tap

Flow Controls

Clippard (Life Science Products)

Gear Boxes

Compact - Niasa

Grippers

AirTAC
Barrington
Compact Automation

Lead Screw Tapping Units

AAA Jiffy Drill and Jiffy Tap

Linear Slides

Barrington
Compact Automation

Motors

Gast

Multi-Axis Devices

Turn-Act (Div. of ITT)

Pilot Lights

Baco

Platform & Lift Tables

Compact - Niasa

Pressure Controls

Clippard (Life Science Products)

Pressure Transducers

Nason

Regenerative Blowers

Busch
Gast

Rotary Indexing Tables

Allenair

Screw Jacks

Compact - Niasa

Switches

Baco
Nason

Timers

Baco

Transmitters

Nason

Vacuum Generators & Pumps

Busch
Gast
Jun-Air

Valves

AirTAC
Alcon
Allenair
Automatic Valve
Bifold
Clippard
Dixon
Kip-Norgen
M&M

Midland
Peter-Paul
Rotork
Spartan
UCI
Watts
YTC

Wire Rope Insulators

Enidine (Div. of ITT)

Engineering Capabilities

Isaacs Fluid Power offers a wide range of engineering solutions, including pneumatic and electrical systems, compressed air and vacuum systems, and kitting services. Our experienced team is dedicated to helping your business innovate using the latest technology.



Pneumatic Solutions

We specialize in creating custom pneumatic solutions tailored to your industry's unique challenges. With a vast inventory of top-tier components and a team of expert engineers, we'll work with you to design and implement a solution that surpasses your expectations.

Isaacs has expertise in technology used in applications ranging from life sciences and analytical device manufacturing to industrial and mobile equipment manufacturing, and everything in between.

- Professional pneumatic system design
- Air preparation products and solutions
- Valve manifold packages
- End-of-arm tooling solutions
- Safety equipment
- Pneumatic solutions for medical, pharmaceutical, and analytical device manufacturing
- Custom pneumatic components





Electrical Solutions

We provide cutting-edge electrical solutions that power your operations and enhance efficiency. From component selection to system integration, we collaborate closely with you to create tailored solutions that drive performance and productivity.

- Design and assembly of pneumatic and electrical circuits and control panels
- Component sub assembly
- PLC programming across multiple popular platforms
- On-site integration of machine control systems
- Custom framing and machine guarding



Compressed Air Solutions

We offer comprehensive air compression solutions designed to optimize efficiency and cost-effectiveness.

- Evaluation of your plant's existing compressed air system
- Design and installation of piping systems
- Specification of compressed air products
- Compressor system start-up support and maintenance



Vacuum System Solutions

We go beyond component sales, offering expert design and implementation services to optimize your processes. Whether you're in food processing, medical device manufacturing, or semiconductors, we deliver solutions that boost productivity and enhance your bottom line.

- **Design:** professional specification design of vacuum pumps systems
- **Evaluation:** Free vacuum system evaluation
- **Preventative Maintenance Programs**
- **Repairs:** using genuine Busch parts and 18-month warranty on all overhauls
- **Exchange Program:** for rapid replacement of pumps with standard 12-month warranty
- **Exchange Plus Program:** with 24-month warranty with free pick-up & delivery



Kitting Solutions

We offer comprehensive kitting services and assembly services for pneumatic and vacuum systems. Our kitting process involves assembling and packaging predetermined sets of components, which can be tailored depending on your needs, while assembly goes a step further by helping you combine components into pre-assembled units.

- **Increased Efficiency:** Pre-assembled components accelerate your production process
- **Reduced Errors:** Precisely selected components minimize assembly mistakes
- **Inventory Optimization:** Our kitting solutions help manage stock levels effectively
- **Customizable Kits:** Tailored solutions to meet your specific application needs



Service & Repair

Isaacs Fluid Power can provide evaluation and repair of your Gast Manufacturing and Jun-Air vacuum pumps, compressors, vacuum systems, and industrial blowers. We can provide training for, or perform, preventative maintenance on your Busch vacuum pumps and systems, and evaluation and repair of hydraulic power units. Contact us for service or repair of your vacuum pump, blower, air motor, vacuum system, or hydraulic power unit today.



- **System Troubleshooting**
- **Preventive Maintenance**
- **Component Repair & Replacement**
- **Calibration & Adjustment**
- **On-site service, repair and maintenance**
- **Pneumatic & hydraulic safety auditing & recommendations**
- **Training & education on pneumatic, vacuum, and safety technologies**
- **Stocking programs**
- **Factory overhaul and repair of your Busch Vacuum pumps and systems**
- **Repair of pneumatic NFPA cylinders up to 4" bore with a maximum stroke of 20"**



Gast Authorized Service Center

- Experienced factory-trained service and repair technicians
- Genuine Gast replacement parts
- Flat evaluation fee that is waived with repair or replacement
- 12-month warranty on parts and labor



Busch Authorized Representatives

- Factory service and repairs for all Busch Vacuum Pumps and Systems
- Trained field service technicians offering on-site maintenance, service, and repair
- 18-month warranty on all overhauls performed at the Busch Service Center
- Exchange Pump Program available
- Genuine Busch replacement parts



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