



# smith

GAS, WELDING, & SAFETY SOLUTIONS

smith

GAS  
INSTALLS  
BULK  
MICRO-BULK  
MEDICAL  
INDUSTRIAL  
LASER  
LAB  
CUSTOM  
NITROGEN  
OXYGEN  
ARGON  
HELIUM  
HYDROGEN  
ACETYLENE  
PROPANE  
CO2  
CRYO  
WELDING  
TIG  
MIG  
STICK  
CUTTING  
ABRASIVES  
METAL FAB  
WIRE  
TIPS  
CABLE  
FUME  
TRAINING  
CERTS  
DRY ICE  
BLASTING  
RENTAL  
SAFETY  
HELMETS  
SHIELDS  
GLASSES  
GLOVES  
TOOLS  
SERVICE  
REPAIR  
DETECTION  
SOLUTIONS  
EVERYTHING  
YOU NEED  
TO WORK



**When you need gas, welding equipment, safety supplies, repair or service, S.J. Smith can provide the best solutions for your business.**

From bulk/micro-bulk gas to welding accessories to PPE, we make sure our customers get the equipment they need, when they need it, to help make their business successful.

### **Bulk and micro-bulk gas**

We provide industrial, bulk, medical and laser gas across the Midwest. S.J. Smith is a primary provider of bulk gas services in Illinois, Iowa, and northeast and central Missouri, for gases including nitrogen, oxygen, argon, helium, hydrogen and carbon dioxide. We also provide gases such as acetylene, propane and numerous gas mixes, as well as all the accessories.

**If your gas usage** is between 200 gallons per month to 800 gallons per month, your operation might be a good candidate for micro-bulk gas supply. Need something smaller? We can fill vessels with liquid down to 50 gallons if needed.

Bulk and micro-bulk gas service can help reduce labor cost associated with cylinder handling, eliminate residual gas losses, increase manufacturing capacity, and provides an uninterrupted supply of gas.



### **Gas Installation**

Our engineered gas system offerings include auto changeover manifolds, gas mixing, high pressure purging or pressure testing, laser gas systems.

We also have a tank monitoring system to keep track of supply and minimize downtime.

Does your operation demand gas mixed on site? We carry a line of gas mixers that will provide flows of 300 scfh to 20,000 scfh.

### **Expert consultation**

S.J. Smith works closely with companies to site and install bulk gas equipment, including in-person meetings and site assessment, hands-on measurement and site prep, and full-service installation and when required, we provide a temporary supply

while work is performed to eliminate or minimize downtime. Each gas installation as well as the recommended equipment is tailored to customer requirements, usage and distribution

capacity, as well as your geographic location and proximity to service. We'll assess your operation to determine the best install for your operation, and we'll work with you on your gas installation from concept through changeover, and after, to ensure you have the best solution for your business.



### **Laboratory gas mixes**

Our specialty gas laboratory in Decatur, IL manufactures and provides customized lab gas mixtures for research laboratories across Illinois, Iowa and Missouri.

S.J. Smith is ISO/IEC 17025:2017 accredited, #97958, for Chemical Calibration and Chemical Testing from the Perry Johnson Laboratory Accreditation, Inc. (PJLA), which means we can provide the highest purity and quality gases you need.

### **Dry Ice**

Dry ice is quickly becoming the material of choice, not only for cold transport, but for industrial cleaning. S.J. Smith produces fresh dry ice daily to companies in Illinois, Iowa and Missouri.

We also sell and rent dry ice blasting equipment, and provide demonstrations for your operation. In addition, we can provide the gas needed to operate the equipment, making us a one-stop shop for your dry ice needs.

## Safety supplies

From welding helmets and shields, to cut-rated gloves, to full-body personal protective equipment (PPE), we provide the safety supplies you need to do your job correctly.

In addition, we have the expertise to advise you on the correct PPE needed for your operation. From gas monitors, to fall arrest systems and full body protection, including eye, hand and face protection, we have everything you need. Safety products also include air quality monitoring systems, self-contained breathing apparatus and respirators.

## Online ordering

Do you have an account with S.J. Smith? If so, ask us about creating an online account for our B2B portal to purchase items, view orders and order history, as well as check invoices and statements. We can also integrate with your punchout system for ordering.

## Gas Leak Detection

Gas leaks occur when you least expect it. Even the smallest leak can cost money and time - and can allow contaminants into the gas stream. Our mission is to help you be successful, and utilize your gas efficiently. S.J. Smith will scan your operation with acoustic imaging equipment to detect gas leaks in your facility. Then, we will calculate the gas you're losing, and provide information so you can determine the best way to maintain efficiency in your operation.



## Welding Equipment and Accessories

We sell and rent welding machines, and also can provide wire, accessories, repair, service and training for your company. S.J. Smith also provides welding accessories and supplies.

We carry top-of-the-line products such as:

- Engine-driven welders
- AC, AC/DC and DC power sources
- Inverter power sources
- Plasma cutting equipment
- Spool guns
- Spot welders
- Laser welding equipment

Plus, we offer gas apparatus such as:

Cutting torches and tips

- Auto-changeover manifolds
- Proportioners
- Welding torches and tips.

And, we offer filler metals including:

- Flux core wires
- Brazing and maintenance alloys
- MIG wires
- Solders
- Silver Solders
- Stick electrode
- Tig rod

In addition, we offer welding training.



## Weld training

The S.J. Smith welding inspection staff offers:

- Welder Certification Training and Testing.
- Welding Procedure Qualification.
- Weld Process Analysis.

We are qualified to train on topics including welding safety, operation, codes, specifications, inspections, maintenance and repair, specific metals, applications, fabrication and welding cost analysis.

## Tools and accessories

S.J. Smith supplies companies across Illinois, Iowa and Missouri with a wealth of industrial tools and accessories.

These include:

- Electric and hand tools
- Wire wheel brushes
- Lubricants and cleaners
- Welding positioners
- Booms
- Abrasives
- Air tools and fittings
- Band saws
- Clamps
- Drills and files
- Turning rolls

## Service & Repair

S.J. Smith offers preventative maintenance, repair and service of machines.



We repair MIG guns and TIG torches, as well as CNC plasma cutting tables. We provide services in the Illinois, Iowa and Missouri areas. Some of the repair services we offer include:



- MIG Gun and TIG Torch Repairs
- Machine Warranty work (Lincoln/Miller/Hypertherm/OTC DAIHEN)
- MIG, TIG & Stick Welder and Plasma Repair
- CNC Plasma Cutting Table repairs (Lonestar)
- On-site Welding Machine Calibration/Validations

### Vending

Vending machines eliminate downtime and make tools and supplies available 24/7, on-site at your location, without adding to your workload. S.J. Smith uses demand-based inventory management software to automate purchases to reload vending machines, reducing the need for preparing individual purchase orders. Plus, you'll have a complete record of tools, supplies and costs used on every job at your fingertips, no manual tracking required. As a bonus – you'll regain some floor space with our compact, efficient vending machine design. 💡



## Contact S.J. Smith for all your gas, welding and safety needs!



563-324-5237 | sjsmith.com



### Illinois Decatur

3890 E. L&A Industrial Dr.  
Decatur, IL 62525  
217-428-4493

### Iowa Cedar Rapids

1130 27th Ave S.W.  
Cedar Rapids, IA 52404  
319-362-7084

### Pekin

830 Brenkman Dr.  
Pekin, IL 61554  
309-477-0000

### Clinton

2139 Manufacturing Dr.  
Clinton, IA 52732  
563-242-5673

### Quincy

210 Spring St.  
Quincy, IL 62301  
217-222-1253

### Davenport

3707 West River Dr.  
Davenport, IA 52802  
563-324-5237

### Rock Falls

528 West Route 30  
Rock Falls, IL 61071  
815-626-8883

### Keokuk

31 South 31st St.  
Keokuk, IA 52632  
319-524-2032

### Streator

717 E. Main St.  
Streator, IL 61364  
815-672-7031

### Muscatine

205 Grandview Ave.  
Muscatine, IA 52761  
563-263-1829

### Urbana

1212 Butzow Dr.  
Urbana, IL 61802  
217-344-8044

### Missouri Mexico

4700 South Clark St.  
Mexico, MO 65265  
573-581-1183