Gases
- Helium
- Hydrogen
- Nitrogen
- Argon
- CO2
- Nitrogen
- Oxygen

Services
- Custom Pad Creation
- Tank Installation
- Remote Monitoring
- Auto Order/Delivery
- Emergency Backup
- Seamless Conversion

BULK GASES
The Bulk Advantage
safer, more cost-effective, more efficient

Is bulk gas the right solution for you?

Call your AWG Sales Representative to discuss your system needs. Big savings could be a call away.

**Cost Savings up to 25%**
- Fewer deliveries
- Fewer invoices
- Alleviates cylinder rental
- Reduced product loss

**Dependability**
- Telemetry Monitoring
- Auto-reordering
- On time deliveries
- Continuous flow of gas
- No run outs, no downtime

**Trackability**
- Monthly, daily, hourly usage reports

**Improved Safety**
- No handling of compressed gas cylinders
- Vendor managed system

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**Gas Storage Selection Guide**

- **Micro Bulk**
  - Gas Pressure (psi)
  - Monthly Volume (scf)

- **Bulk Liquid**
  - Gas Pressure (psi)
  - Monthly Volume (scf)
A Full Line of Bulk Gases!

AWG meets your needs no matter what business you’re in. From standard atmospheric gases to highly specialized products such as NF, USP and UHP gases, we have the product. Available bulk products include:

- Argon
- Carbon Dioxide
- Helium
- Hydrogen
- Nitrogen
- Oxygen
- Propane

Covering every industry!

AWG employs leading application engineers and bulk service technicians to create customized bulk solutions for every industry. By analyzing your usage, future needs and business processes, we develop bulk implementation strategies from concept to installation. Some of the industries we service are:

- Beverage Bottling
- Food Processing
- Glass Manufacturing
- Heat Treating
- Industrial Manufacturing
- Medical Industry
- Mining Industry
- Power Generation
- Metal Manufacturing
- Research Industry
- Restaurant CO2
- Rubber Processing
- Water / Waste Processing
- Chemical Manufacturing

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Bulk Installations...
customized systems to suit your needs

From conceptual design to installation, our highly trained team of technicians is second to none. With over 90 years of combined experience, they ensure your installation is on schedule with no interruption of service.

We pay particular attention to safety and procure all necessary permits prior to installation.

Our bulk system designs not only meet your current needs but also allow for expansion as your usage increases.

Our technicians proactively monitor and maintain your bulk system to ensure continuous and uninterrupted operation.

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Bulk Liquid Tanks

Bulk liquid tanks are commonly used for storage of liquified nitrogen, oxygen, argon and carbon dioxide. They can be vertical (left) or horizontal (below). They are designed to supply product at a constant set pressure with a flow that varies with the customer’s demand.

Microbulk Liquid Tanks

Microbulk liquid tanks are commonly used for storage of liquified nitrogen, oxygen, argon and carbon dioxide. Customers who use this solution have needs that exceed normal high pressure cylinder usage, yet do not have the needs of a large bulk tank. The advantage of a Microbulk tank over cylinders are less venting of gas and less residual loss. In addition, there is no cylinder handling by employees resulting in improved efficiency and a safer work environment. Microbulk is often used in high pressure Laser applications.

Tube Trailers

Bulk supply in Tube Trailers is commonly used for storage of gaseous hydrogen, nitrogen, oxygen, helium, and argon. Customers who use this solution typically have short or long term applications to cover increased gas demands. Tube Trailers are also used during the conversion process from cylinders to another bulk option. Other gases can be supplied in Tube Trailers as required. Speak to an AWG representative about your needs.

Bulk Liquid Trailers

Bulk liquid trailers are a portable bulk solution with a trailer mounted tank and vaporizer. Customers who utilize this bulk option typically have temporary needs such as bulk tank changeouts, pipeline installations or construction sites where tube trailers are not ideal.

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For customers who have outgrown smaller compressed gas cylinders yet do not need the capacity of large bulk storage tanks, AWG offers a variety of micro bulk options and sizes. AWG works closely with our customers to design a micro bulk system that is effective, efficient and designed for long term growth.

Micro bulk allows the benefits of on-site gas delivery without the hassles, waste and expense of transportable compressed gas cylinders. Designed for a higher level of efficiency, micro bulk tanks reduce labor associated with swapping full cylinders for empty cylinders, eliminate residual gas loss and eliminate lost or damaged cylinders. Furthermore, they can be equipped with telemetry monitoring. Never worry about your gas supply again.

Applications:
- Metal Fabrication
- Metal Processing
- Laser or Plasma Cutting
- Biological Storage and Research
- Analytical / Laboratory
- Medical
- Food and Beverage Packaging
- Purging and Blanketing
- Electronic Manufacturing

Advantages:
- Reduced product cost
- Reduced cylinder lease / rent
- Reduced labor costs
- Reduced chance of injury from handling
- Eliminates residual product loss
- Constant worry free supply of product
- Peace of mind

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Bulk Delivery
peace of mind

With a fleet of over 250 company owned vehicles and access to our network of distribution centers, air separation sites and fill plants, your bulk gas delivery is guaranteed on time and worry free.

Telemetry Monitoring

Telemetry monitoring lets us know that you are low on product, even before you do. We take a proactive approach to your gas supply. When monitoring indicates your supply is low, our auto re-ordering system ensures that a fresh supply of product is dispatched to prevent a shortage for your critical applications. In addition, monthly usage reports are supplied to help your budgeting and forecasting.
Find a LOCATION near you on www.awgggases.com