

Airgas to Feature Advanced Fabrication Innovations at FABTECH 2023

Customers will be presented with methods to drive efficiencies and gain competitive advantages through Airgas' innovations in automation, additive manufacturing, cutting, welding, safety and service.

Airgas, an Air Liquide company, will showcase its comprehensive offer for the welding and fabricating industries at this year's [FABTECH Expo](#), held September 11 through September 14, 2023, at Chicago's McCormick Place, Exhibit #B20020.

The Airgas exhibit will include a series of [short talks](#) from Airgas team members on challenges in advanced fabrication, including 3D printing, what you need to know about implementing automation, sizing your laser gas system and more.

To help customers find efficiencies in their processes and learn more about new technologies, the [Airgas](#) exhibit will showcase a wide range of products and services, including:

Certified Low-Carbon Bulk Gases:

- [ECO ORIGIN™](#) certified low-carbon bulk liquid argon, nitrogen and oxygen gases, that offers customers the opportunity to reduce their Scope 3 emissions by providing a complete product cycle offsetting with net zero emissions.

Automation and Cobots:

- [BotX™ Cobot Welding System](#): A new model of the BotX cobot welding system, BotX XSR, adds new advanced welding processes, including superior performance on aluminum welding, and works without cloud connectivity. Available for rent, lease or purchase, both BotX models allow customers to quickly acquire easy-to-use automated welding and increase their production capacity.
- [OTC DAIHEN ECO-ARC 290](#): This production robotic arc-welding system comes standard with two 250kg headstock positioners for uninterrupted production robot welding. Its unitized base with fork pockets also allows for easy pickup and portability around a fabrication shop.

Additive Manufacturing:

- [FormAlloy DEDSmart®](#): This metal additive manufacturing solution from FormAlloy Technologies, Inc. will be on display using gases and equipment from Airgas, showing innovative approaches in additive manufacturing to harness the power of data by recording all build parameter data, exporting time-stamped data, and analyzing the data post-build to verify the build quality.

- [Würth Additive Group Kurtz Ersa Alpha 140](#): The powder bed fusion metallic 3D printer from Kurtz Ersa works with a wide range of metals including stainless steels, tool steels and nickel-based alloys.

Heat Treating:

- [Miller® ProHeat™ 35 Rolling Inductor](#): The ProHeat 35 rolling induction system is a simple and cost-effective heating system, delivering fast and consistent heat for pipe fabrication shops that weld pipe spools and vessels for the refinery, petrochemical, power and HVAC industries.

Laser + Cutting:

- [RADNOR™ Plasma Cutting Table](#): Airgas' robust plasma cutting table provides industrial strength, accuracy, easy setup, a compact footprint and is ready for deployment.
- [Machitech Alpha Lazer™ Fiber C](#): This compact fiber laser cutting solution is useful for cutting smaller parts and fine machining work. With a small footprint and a professional grade granite frame for optimal rigidity and stability, it requires little maintenance.
- [Machitech Diamond Cut™ with Bevel Head and Hypertherm® XPR 300](#): This industrial plasma cutting system is designed for accurate and productive high-precision cutting applications.

Welding:

- [ARCAL™](#): ARCAL gas cylinders come equipped with SMARTOP™ or EXELTOP™ valve technology to help improve productivity and create a safer work environment. The ARCAL line includes five ready-to-weld pure argon and argon gas mixtures, and provides welders with high quality shielding gas that allows them to produce better welds.
- [Unlocking the Hidden Cost of Welding™ \(UHCW\) Program](#): Customers can sign up for the UHCW program to help their welding operations stay competitive through continuous improvement. Digital Welding Efficiency Analysis™ (DWEA™), a monitoring solution that gives customers visibility into how they are performing in comparison to their goals and against their peers, will also be on display with live dashboards in the FABTECH booth.

Hardgoods and Safety:

- [Women's PPE Collection on Airgas.com](#): Airgas continues to build momentum around PPE products designed to fit women better and allow them to work safely, productively and confidently. Flame-resistant shirts and pants, footwear, welding helmets, gloves and more will be on display in the booth along with other safety products and PPE.
- A wide selection of products from leading manufacturers—including [RADNOR™ brand](#)—that help support safety and productivity in the workplace will be available for hands-on review, including: welding safety supplies and PPE, plus welding consumables like wire, gas equipment, laser, MRO, grinders, abrasives, and more.

Matt Williams, Vice President Advanced Fabrication Markets – Business Development, commented: ***"We are excited to showcase a range of smart and user-friendly innovations that will help customers advance in their daily welding and fabrication processes. From robotic welding and laser cutting to optimizing traditional welding, we are always looking to help our customers find ways to improve productivity, create efficiencies, work safely and create a better way to build the future."***

Airgas, Inc.

Airgas®, an Air Liquide company, is a leading U.S. supplier of industrial, medical and specialty gases, as well as hardgoods and related products; one of the largest U.S. suppliers of safety products; and a leading U.S. supplier of ammonia products and process chemicals.

Airgas helps its more than 1 million customers advance their business performance and reach their full potential with reliable products, services and expertise used to create, build, care, serve and sustain. With nearly 18,000 associates, over 1,400 locations, a robust eBusiness platform, and Airgas Total Access® telesales channel, Airgas is ready to help customers fill their potential, every day.

As an Air Liquide company, a world leader in gases, technology and services for Industry and Health, Airgas offers customers an unrivaled global footprint and industry-leading technology and innovations.

For more information, please visit www.airgas.com

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A world leader in gases, technologies and services for Industry and Health, Air Liquide is present in 73 countries with approximately 67,100 employees and serves more than 3.9 million customers and patients. Oxygen, nitrogen and hydrogen are essential small molecules for life, matter and energy. They embody Air Liquide's scientific territory and have been at the core of the company's activities since its creation in 1902.

Taking action today while preparing the future is at the heart of Air Liquide's strategy. With ADVANCE, its strategic plan for 2025, Air Liquide is targeting a global performance, combining financial and extra-financial dimensions. Positioned on new markets, the Group benefits from major assets such as its business model combining resilience and strength, its ability to innovate and its technological expertise. The Group develops solutions contributing to climate and the energy transition—particularly with hydrogen—and takes action to progress in areas of healthcare, digital and high technologies.

Air Liquide's revenue amounted to more than 29.9 billion euros in 2022. Air Liquide is listed on the Euronext Paris stock exchange (compartment A) and belongs to the CAC 40, CAC 40 ESG, EURO STOXX 50, FTSE4Good and DJSI Europe indexes.