

Turn to the Pros



A LINCOLN ELECTRIC COMPANY

OUR CAPABILITIES

BRAZING | SOLDERING | CUTTING | WELDING

About The Harris Products Group

The Harris Products Group is an American based company with quality expectations that are the highest in the industry. We provide our customers with competitive prices and on-time delivery. With an average of over 30 years experience, our sales and technical representatives are product application experts. Harris products are recognized in the industry as world-class brands. No other manufacturer brings the breadth and depth of products that Harris does. Our products are 100% tested to ensure we meet and/or exceed industry specifications. Behind the Harris Products Group is the financial strength and resources of Lincoln Electric one of the most respected companies in the industry today.

Company History

The Harris Products Group was officially formed on May 1, 2006, with the combination of Gainesville, Georgia-based Harris Calorific, Inc. and Mason, Ohio-based J.W. Harris Company.

Harris Calorific is a manufacturer of gas welding and cutting equipment, industrial and specialty gas regulation equipment, and gas distribution systems. J.W. Harris, on the other hand, is a manufacturer of brazing and soldering alloys and welding consumables.

The merger resulted from a series of acquisitions by The Lincoln Electric Company, starting with the purchase of Harris Calorific in 1990 and followed by the addition of J.W. Harris in 2005. Also, included in the J.W. Harris acquisition was Autobraze, a manufacturer of precision brazing rings and return bends utilized in the HVAC industry. Later in 2005, Lincoln acquired Gulf Wire Corporation, a manufacturer of aluminum and stainless welding consumables, and Filler Metals, a supplier of niche welding alloys. In 2008, Harris purchased Brastak a manufacture of brazing alloys, in Sao Paulo, Brazil.

The Harris Products Group
4501 Quality Place
Mason, OH 45040



A WORLD CLASS LEADER.

For over 100 years

We know your industry. Our customers worldwide will attest that Harris products improve their processes, drive down costs and increase profits. We understand your business and the challenges you face every day.

Our diversified end markets include:

- Aerospace
- Automotive
- Electronics
- Food Service
- General Steel Fabrication
- Heavy Fabrication
- HVAC
- Medical
- Metal Fabrication
- Offshore
- Power Generation
- Plumbing
- Refrigeration
- Scrap Recycling
- Shipbuilding

513.754.2000

CERTIFICATIONS

COMMITTED TO QUALITY AND ENVIRONMENTAL STEWARDSHIP



ISO 14001

The Harris Products Group is committed to environmental stewardship and resource conservation throughout the world. We are committed to minimizing the risks to human health and the environment in and around the workplace. We are dedicated to maintaining the health and safety of our employees, customers, and neighbors, as well as preserving the integrity of our environment. We achieve these goals through our EHS system and strive for continuous improvement.



ISO 9001

ISO 9001:2000

The Harris Products Group is certified to ISO 9001:2000. Quality is an integral part in all processes of the company from development, planning, design and manufacturing to sales and service activities. Our quality system is regularly audited on both an internal and external basis to ensure that consistent business processes are applied.



Filler Metal Certifications

All Harris alloys are manufactured under strict quality controlled processes. Certifications vary by product but include...



All Harris industrial gas regulators and torches are certified to the UL standard. For more than a century, Underwriters Laboratories® has been one of the most recognized and trusted resources for product safety testing, certification and information. Choosing to work with UL demonstrates our commitment to the highest levels of safety and quality. No other compliance organization speaks with more authority and integrity than UL.



In our business, anything less than a total commitment to safety is unacceptable. Being a member of the CGA is a testament to our commitment to producing the safest products in our industry. Since 1913, the Compressed Gas Association has been dedicated to the development and promotion of safety standards and safe practices in the industrial gas industry. Harris, in conjunction with the other 125 member companies worldwide, work together through the committee system to create technical specifications, safety standards, and training and educational materials, to cooperate with governmental agencies in formulating responsible regulations and standards, and to promote compliance with these regulations and standards in the workplace.



PRODUCT APPLICATION EXPERTS

We have product specialist with over 30 years experience.

Good companies become great companies when their employees are passionate about the company and the products they produce. We make it our business to know your company so that we can provide the right products for your processes. Our sales team is comprised of product application engineers that can complete on-site evaluations and surveys and work closely with you to provide a total solution.

Our solutions include support for our customers after the sale through our safety and factory training.

Training Locations

- On-site at customer location
- Mason, Ohio training facility
- Lincoln Electric training facilities



BRAZING



SOLDERING



CUTTING



WELDING



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LINCOLN ELECTRIC

One of the most respected names in the welding industry.

Lincoln was founded in 1895 and today is the world leader in the design, development and manufacture of arc welding products, robotic welding systems, plasma and oxyfuel cutting equipment. Headquartered in Cleveland, the Company has manufacturing operations, joint ventures and alliances in 20 countries and a worldwide network of distributors and sales offices covering more than 160 countries. Lincoln has a global work force of more than 9,000.

From its early beginnings, Lincoln pioneered technological advancements and improvements in arc welding consumables and equipment. Lincoln sustains the industry's most dynamic and comprehensive research and product development program. This effort is supported by the David C. Lincoln Technology Center, the most advanced facility of its kind.

The Company is famous for its productive and highly-skilled work force, as well as its unique compensation system, Incentive Management. Incentive Management is widely studied in business schools and industrial management circles. The system compensates and encourages individual and team initiative and responsibility at all levels of employment within the U.S. subsidiary. Lincoln's other global operations have their own systems, where appropriate and practical. Lincoln has never experienced a work stoppage in its 100-plus year history.



Recognized as The Welding Experts®, Lincoln Electric provides leading technology products and solutions.



OPERATIONAL EXCELLENCE.

Continuous Improvement.

The Harris Products Group embraces a continuous pursuit of improvement in manufacturing excellence through the implementation of "lean manufacturing" concepts. Incorporated in our lean manufacturing initiatives are the principal concepts of continuous flow, pull demand, elimination of waste and pursuit of a system that is responsive to customers but lean in inventory, labor and manufacturing costs. Tools we currently use in this effort include Six Sigma, statistical process control, preventive maintenance, kanban and kaizen.

In addition to our lean manufacturing efforts we have also implemented automation systems, robotic systems and a incentive pay system. We use a rigorous financial planning process in conjunction with disciplined project management for the implementation of planned cost reductions for material, labor, and overhead, as well as new product development.

Recognized as The Cutting Experts®, Harris Products Group provides leading technology products and solutions.



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PRODUCT PORTFOLIO

Professional Tools...Superior Results™

INDUSTRIAL:

- ▶ Industrial duty regulation equipment
- ▶ Flow control equipment
- ▶ Welding and cutting torches
- ▶ Cutting, welding and heating tips
- ▶ Industrial manifolds

AIR FUEL:

- ▶ Air fuel and oxyacetylene equipment
- ▶ Torches and tips
- ▶ Regulation equipment
- ▶ Accessories

SPECIALTY GAS:

- ▶ High purity regulation equipment
- ▶ General purpose regulation equipment
- ▶ Specialty gas manifolds
- ▶ Specialty gas flowmeters
- ▶ Accessories

MEDICAL:

- ▶ Click and diaphragm style regulation equipment
- ▶ Oxygen conserving devices
- ▶ Medical flowmeters
- ▶ Cylinders and cylinder carts
- ▶ Portable oxygen systems
- ▶ Medical gas manifolds

LASER:

- ▶ Laser gas delivery systems
- ▶ Fully automatic switchover manifolds

BRAZING:

- ▶ Phoscopper
- ▶ High silver
- ▶ Aluminum

SOLDERING:

- ▶ Lead free solders
- ▶ Common solders

FLUXES:

- ▶ Brazing
- ▶ Soldering
- ▶ Welding

WELDING:

- ▶ Aluminum
- ▶ Stainless
- ▶ Mild steel
- ▶ Copper based
- ▶ Welding accessories

RINGS & PREFORMS:

- ▶ Phoscopper
- ▶ High silver
- ▶ Aluminum
- ▶ Soft solders
- ▶ Lead-free solders
- ▶ Flux cored aluminum
- ▶ Copper based

INVESTING IN OUR INDUSTRY FOR Today and The Future

CAPITAL INVESTMENTS

In the last five years, Harris has invested millions of dollars in capital in our facilities worldwide. In 2006, we completed construction of our new gas apparatus plant in Poland. The 100,000 square foot facility was designed to be a highly automated and flexible factory.

We have also invested heavily in automation in our other facilities. This has allowed Harris to reduce the labor content of our products and offer competitive pricing on a global basis.

As we look to the future, we believe we are better prepared to be the supplier of choice for our customers.

CONSUMABLES

Mason, OH, USA
Girona, Spain
São Paulo, Brazil
Tijuana, Mexico



EQUIPMENT

Gainesville, GA, USA
Dzierzoniow, Poland
Bologna, Italy
Heimertingen, Germany



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