New horizons for welding and cutting
Air Liquide Welding is part of the Air Liquide group the world leader in gases, technologies and services for Industry and Health. Air Liquide continuously reinvents its business, anticipating the needs of current and future markets. The Group innovates to enable progress, to achieve dynamic growth and a consistent performance.

Key figures (in 2015). Turnover: M€ 16 400 - Staff: nearly 50 000 employees in 80 countries

Air Liquide Welding is a leader in global welding

- **Turnover:** > M€ 383
- **Staff:** > 2 086 employees
- **A worldwide presence**
  Principally based in Europe and present in more than 90 countries.
New horizons for welding and cutting

Our mission: the design, manufacture and sale of products, processes, systems solutions and related services, adapted to industrial customers needs for the welding and cutting of materials.

Our vision: satisfying customer needs sustainably by performance and innovation.

Serving the most diverse industries

- Transport
  - Naval construction and repair
  - Automobile assembly and repair, equipment supplier...
  - Transportation equipment, railway, trailers, containers...

- Construction
  - Infrastructure, welded construction of buildings, metallic construction.
  - Machines and equipment, agriculture, lifting apparatus.
  - Boilers Making
  - Energy
    - Petrochemicals and gas, pipe mills, offshore and onshore, pipelines...
  - Craftsmen, Plumbers, Maintenance, DIY...
  - Training.
The widest range of welding/cutting solutions on the market

Mastering the main welding and cutting processes

- Oxyflame welding and cutting
- MMA manual metal arc
- Manual and automatic MIG
- Manual and automatic TIG
- Submerged arc
- Manual and automatic Plasma cutting
- Plasma welding

The most comprehensive range on the market

Consumables:

- MMA coated electrodes
- MIG/MAG cored wires
- MIG/MAG solid wires
- Strip weld overlay/flux combination
- SA wire/flux combination
- TIG and flame filler metal

Tool and occupational safety:

- Oxyflame manual equipment
- MIG, TIG and plasma torches
- Welder’s protection
- Welder’s accessories
- Fume extraction and treatment
Manual installation activity:
- MMA welding sets
- TIG welding sets (DC & AC/DC)
- MIG/MAG welding sets
- Plasma cutting installations

Automation activity:
- TIG/Plasma welding
- MIG welding
- Plasma cutting (equipment and processes)
- Oxyflame cutting
- Positioning (columns and booms/positionners)
- Mechanisation
- Submerged arc
- Robotic
  - MIG, TIG, Microplasma
  - Plasma cutting

Services: 3 types of identified customer requirements.
- Production assistance linked to the process.
- Preventive maintenance assistance linked to the equipment.
- Optimisation of resources assistance linked to personnel, logistics and finance.
Innovation and Quality as a rule

Innovate to serve our customers

Air Liquide Welding’s innovative capabilities are supported and enhanced by three centers for Research & Development and Industrialisation (named Excellence Centers) in Pont-Sainte-Maxence (France), Due Carrare (Italy) and Eisenberg (Germany). This network provides us with excellent market knowledge and our customers with a highly responsive service.

Our research and development team is composed of persons working to develop innovative solutions in:

- metallurgy,
- health and safety,
- productivity,
- gas, equipment, consumables and tool combinations.

Innovation is a state of mind for the group employees. This is clearly illustrated through the many patented inventions developed by our researchers.

Respecting the environment and operator comfort

In order to improve welders comfort we continuously derive innovative solutions.

We have created low fume emission consumables (coated electrodes and cored wires) and developed the filtering and treatment of welding fumes (torches, filters...).

We have also created process solutions enabling noise reduction (blowpipes, low-noise power source...) and fume reduction (under water plasma cutting process).

Air Liquide Welding is also committed to developing production processes and solutions to achieve a cleaner production environment.

Recognised quality

In order to give our customers the best quality in our equipment and products, all our production plants and our logistic activities have successfully passed ISO certification.

For our customers, controlling the management system by certification is a way to reliably evaluate our product quality.
Air Liquide Welding is a group with a unique offer arising from an optimised brand portfolio capable of meeting all the needs and providing a response to all types of customers.

Whatever the needs of the industrial customer, semiprofessional or general public, our new multi-branding can respond either directly or through dedicated distribution networks in every country we operate in.

Each brand is planned to become the leader in its field.
The world leader in gases, technologies and services for Industry and Health, Air Liquide is present in 80 countries with approximately 68,000 employees and serves more than 3 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.