

PRESS RELEASE



POLYSOUDE INVESTS IN NANTES:

A new facility expansion to design welding equipment for nuclear and future large-scale projects.

Introduction Note

Polysoude expands in Nantes: 2,600 sqm of additional space to support nuclear and industrial revival

IN BRIEF - Facing accelerating global demand in the energy, defense, and high-tech sectors, Nantes-based industry leader Polysoude is investing in the expansion of its historical site.

With 2,600 sqm of new floor space and the creation of around 20 jobs, this strategic investment will enable a sovereign response to the major challenges of the EPR 2 nuclear program.

Nantes, September 2026 - To support rising global demand across all its key markets, Polysoude SAS announces a major extension of its manufacturing facility in Nantes.

This large-scale industrial project is designed to scale up the company's assembly capacity, streamline workflows, and support the major energy projects of tomorrow.



A strategic investment



Founded in 1961 in Nantes, Polysoude SAS (€73M revenue, 220 employees) is the world leader in the design, manufacturing, and commercialization of automated TIG (GTAW) welding equipment. Its cutting-edge technologies enable the joining of stainless steel, steel, and aluminum tubes across two main segments:

- **High-purity applications (standard product catalog):** Power sources and welding heads for small-diameter tubing, essential to the semiconductor, data center, and aerospace sectors.
- **Custom XXL equipment:** Complex installations engineered for large-scale projects in energy (fossil and nuclear) as well as defense.

Modernised infrastructure and job creation

To absorb the growing order backlog and accommodate these oversized systems, the Nantes facility will benefit from:

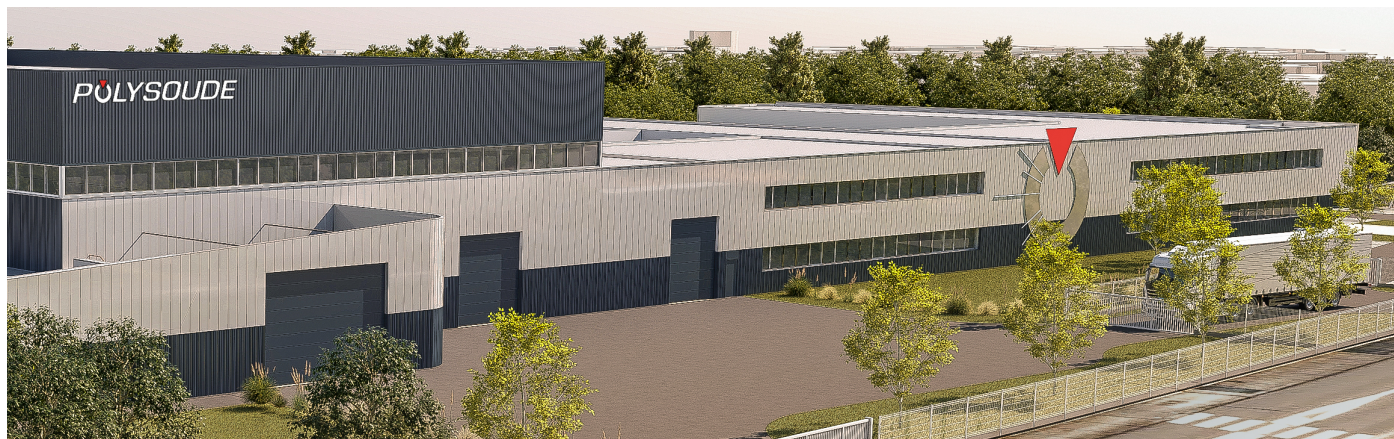
- **2,000 sqm of additional industrial floor space:** Providing increased surface area and ceiling height to optimize the manufacturing of custom equipment.
- **600 sqm of staff facilities:** Modernized spaces offering teams an ergonomic and efficient working environment.
- **Around 20 new hires:** Creation of skilled jobs in Nantes to support this growth trajectory.

Meeting the challenge of industrial sovereignty

This capacity expansion directly positions Polysoude as a key player in supporting the mechanization of TIG welding for the construction of future **EPR 2 nuclear power plants**.

Polysoude's automated welding technology addresses a dual strategic imperative for the industry:

1. **Tackling the skilled labor shortage:** Mitigating the deficit of TIG welders across the country, an issue precisely quantified and identified by **GIFEN** (French Nuclear Industry Association).
2. **Ensuring «First Time Right» quality:** Fully aligning with **EDF's welding strategy** by delivering flawless repeatability and execution quality, essential for controlling costs and project schedules.



About Polysoude SAS

- **Founded:** 1961 in Nantes (Loire-Atlantique, France)
- **Core Business:** Design & manufacturing of automated TIG / GTAW welding equipment
- **Key Figures:** €73 turnover | 220 employees
- **Global Footprint:** Headquartered in Nantes with 8 subsidiaries worldwide - 75% of revenue generated from exports
- **Key Sectors:** Energy, Nuclear, Semiconductors, Aerospace, Defense, Data Centers



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Polysoude: Related services



Guidance and technical support

A welding application specialist in your area will advise you on the welding process and appropriate equipment for your application.



Commissioning / Training

A complete training program will enable you to start using the equipment immediately and in the best way possible.



Maintenance / Repair

Maintenance and repair operations can be carried out at the Polysoude plant as well as on site by our service network.



Rental service

Increase the flexibility of your production! A large range of equipment is available for rental from our hire fleet.

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