

## Key figures

**>50 M€** million Euros turnover  
**85 %** made through exports

**>60** years of welding expertise

**300** professionals worldwide  
with a presence in over **50** countries

**>10 000** m<sup>2</sup> industrial spaces

## Our technological adventure

**1961** - Polysoude was founded. The design and manufacturing of orbital welding equipment started.

**From 1961 to 1975** - Introduction of the MU & TS welding heads, and the first carriage type welding head.

**1999** - First Narrow Groove torches

**2007** - First turbine rotor installation

**2013** - Invention of the TIG<sup>er</sup> technology (weld overlay)

**2014** - First robotic tube-to-tubesheet welding installation

**2014** - First 12-metre TWIN-TIG<sup>er</sup> weld overlay installation

**2015** - First endlessly rotating SPX TIG<sup>er</sup> weld overlay system with numerical control

**2017** - Development of the video supervision with WDR sensor for welding and weld overlay

**2018** - Launch of PolyClad product range, weld overlay solutions.

**2019** - Industry 4.0: Moving towards more communicating and smart power sources

**2020** - Development of an innovative methodology for expanding the field of application for orbital welding

**2021** - Launch of a new generation of connected Smart Welding Stations for Industry 4.0

## Headquarters



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## Polysoude worldwide

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Find our entire global network on our website!

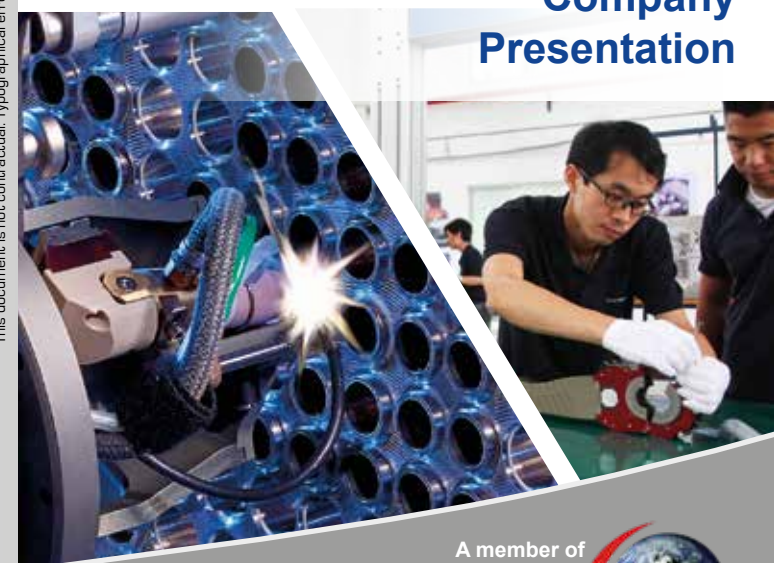
🌐 [www.polysoude.com](http://www.polysoude.com)

**POLYSOUDE**  
60 YEARS  
ANNIVERSARY



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## Company Presentation



A member of



## About Polysoude

### Mission

POLYSOUDE designs, manufactures and markets high value-added equipment for **orbital welding, automated welding, tube end preparation** and **weld overlay**, as well as a range of customised services.

### Vision

Our goal is to strengthen our position as a **modern** and **open-minded** company within an environment of far-reaching social and technological change. We invest actively in **innovation**, and we continually work to assure customer satisfaction in all of our processes.

### Values



#### Innovation at the core of our strategy

With our 50 years of experience in TIG and plasma welding processes, we are committed to innovation and continuous improvement.

#### Tailored solutions

We are recognised for our capability to develop specific customised solutions that perfectly meet business requirements and particular needs.



#### Culture of service

We are both geographically and culturally close to our customers and we support them throughout the lifecycle of their equipment.

## Our activities

While pursuing solutions to deliver high levels of reliability and productivity to our customers, we offer a comprehensive range of welding and weld overlay solutions, as well as related services around the world:



#### ORBITAL WELDING

TIG Cold Wire, TIG Hot Wire, Plasma

- Tube-to-tube welding
- Tube-to-tubesheet welding
- Any diameter application
- Every size of wall thickness
- Any type of alloy



#### AUTOMATED WELDING

TIG Cold Wire, TIG Hot Wire, Plasma

- Longitudinal or circular welding
- Welding from the inside / outside
- Complex workpieces
- Integrated solutions



#### WELD OVERLAY

TIG Cold Wire, TIG Hot Wire, TIG<sup>er</sup> Hot Wire

- Tube, flange, elbow, valve body, complex workpieces
- Longitudinal or circular welding
- Welding from the inside / outside
- Integrated solutions
- TIG<sup>er</sup> bi-cathode (technology invented by Polysoude)



#### TUBE END PREPARATION

- Wide range of cutting machines
- Facing machine solutions covering various applications
- Mobile & stationary beveling machines

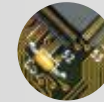


#### RELATED SERVICES

- Training and on-site technical assistance
- Development of welding procedures
- Preventative maintenance
- Retrofit & upgrade
- Rental service

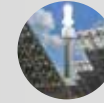
## Our business areas

Our solutions are intended for multiple markets with high-demanding quality, security and reliability requirements such as:



#### High purity

Food-processing, chemical, pharmaceutical, semiconductors, water purification



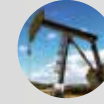
#### Energy production

Fossil fuel power plants, renewable energy



#### Nuclear

Nuclear power plant, construction & maintenance, nuclear fuel & waste



#### Oil & Gas

Exploration, transport, transformation



#### Thermal transfer

Heat exchangers / boilers



#### Transport

Aircraft engines, aerospace, naval construction, automotive

## They trust us

Our customers are our best references. Others include:

