



**Pietro Galliani**  
centuries of metal foils



## CENTURIES OF METAL FOILS

Your partner of excellence for the development and delivery of technologically advanced, high value-added solutions





## PIETRO GALLIANI SPA 120 YEARS OF **INDUSTRIAL HISTORY**

Tradition and **innovation**, technology and human value, territory and global vision, a strong blend of **experience** and **enterprise**, embodied in the daily commitment of a company that is a leader in the global market, but always ready to take that one step further towards improvement and **exceeding expectations**.

### **Production:**

We currently manufacture **over 150 standard products** through various manufacturing processes. We are specialised in the creation of **tailor-made products**, in order to guarantee our customers the best solution for each specific need.

Our production process stands out for the **excellence of the result**. **Precision and reliability** are the main characteristics of every single product that leaves our laboratories. We put our **experience** at the disposal of selected customers and develop **customised solutions** for each type of requirement.

### **Export:**

Today, we export more than **80%** of our products and serve customers on four continents, with constantly growing volume.

Employees: **67**

Revenue 2023: **46,4 million €**





### **PROFILATI E TRAFILERIE EMILIANE SUD**

The company has been successfully producing extruded aluminium profiles and designing aluminium systems for windows and doors for over 30 years. Today the Company is regarded as the European benchmark in the field of aluminium extrusion, thanks to its outstanding technical expertise and one of the most sophisticated and modern production plants in the industry.

Employees: **217**  
Revenue 2023: **111,5 million €**



### **GALLIANI & SISTEMI**

Founded half a century ago, the company manufactures all types of semi-processed metal products. Today the company is a market leader in the distribution of profiles, bars, rolls and other metal products, and is recognised as a historical player in the Italian metallurgical industry.

Employees: **27**  
Revenue 2023: **22,2 million €**



### **PIETRO GALLIANI BRAZING**

Over 100 years of metal processing have made this company a specialised manufacturer of silver and copper alloys and a top-level producer of extruded, drawn and laminated products. The company has gained a leading position in the European market and has expanded its product range to include solder fluxes, pastes and coated bars.

Employees: **63**  
Revenue 2023: **42,4 million €**

## **THE GALLIANI GROUP**

### **A common vision:**

To steer the necessary technological development towards the changing needs of customers and markets.

### **A common philosophy:**

Excellence is the trademark that has enabled our group to steadily grow. We export Italian excellence to highly specialised markets all over the world.

### **A common ethic:**

Integrity, honesty, fairness and respect for rules and people have always guided our choices and approach.

Revenue 2023: **over 222 million €**



**WE ROLL, LAMINATE AND CUT SUPER-THIN METAL** FOILS TO  
ACHIEVE THE BEST SOLUTION FOR EACH SPECIFIC REQUIREMENT

**We constantly invest time and resources in:**











- Research and development of **new applications** that meet our customers' needs
- Research and development of **new products** within the reference market segments
- **Flexibility** and **diversification** of solutions
- **Continuous improvement** of the quality of current products
- **Optimising the supply chain** to maximise business efficiency



## INDUSTRIAL SECTORS

We put our work at the service of people, ideas and projects, regardless of the sector in which they are implemented.

Our history, experience, achievements and **in-depth knowledge of the subject** allow us to develop and offer **concrete solutions** for the most **different application fields**.

 <p><b>CABLES</b></p> <p>Bare or laminated aluminium and copper foils</p>	 <p><b>BATTERIES</b></p> <p>Copper foils Silver foils Aluminium foils Copper - Aluminium rolled foils</p>	 <p><b>FUSES</b></p> <p>Silver tapes Silver wires Copper foils Silver-copper bimetals</p>	 <p><b>HEATING ELEMENTS</b></p> <p>Copper clad Aluminium Laminated aluminium foils Laminated copper foils Copper - Aluminium rolled foils</p>	 <p><b>REFINING OF PRECIOUS METALS</b></p>
 <p><b>MEDICAL</b></p> <p>Silver foils Customised silver and/or copper products</p>	 <p><b>DECORATIVE</b></p> <p>Silver foils Copper foils Silver-copper rolled foils</p>	 <p><b>PRINTED CIRCUIT BOARDS FLEXIBLES</b></p> <p>Aluminium foils Copper foils</p>	 <p><b>NUCLEAR</b></p> <p>Silver foils Customised silver and/or copper products</p>	 <p><b>OTHER SECTORS</b></p>





## PROGRESS, INNOVATION AND FUTURE

### Bare products

- Silver
- Copper and copper alloys
- Aluminium
- Other special alloys on request

Progressive laminators allow the production of foils down to 8 microns, which only a few manufacturers in the world can guarantee for these metals.

### Laminated products

- Copper
- Aluminium
- Special alloys

All the metals we process can be laminated with different polymers to create up to 5-layer composites for highly customised finished products.

### Bimetal

in **Copper** or **Brass** in combination with **Silver**, produced through a fully in-house process. Available in various configurations: Through-lay, In-lay, Edge-Lay, Over-lay e Multilayer.

The land that has seen us grow and become a leading company in the global market, the environment that still hosts us, with its **stories** and **values**, is and remains a constant source

of inspiration and a precious bridge between the historical core of the company and its **more modern and avant-garde branches**. And we at Pietro Galliani have always looked at the environment

with respect. We are convinced that **real progress, innovation and authentic improvement** cannot be achieved without defending the land that sustains us and having an **awareness** of our roots.

## RESEARCH AND DEVELOPMENT

**Pietro Galliani** is at the very forefront of **new product** research and development, introducing ever more **efficient, flexible** and **reliable solutions** for different fields of application.

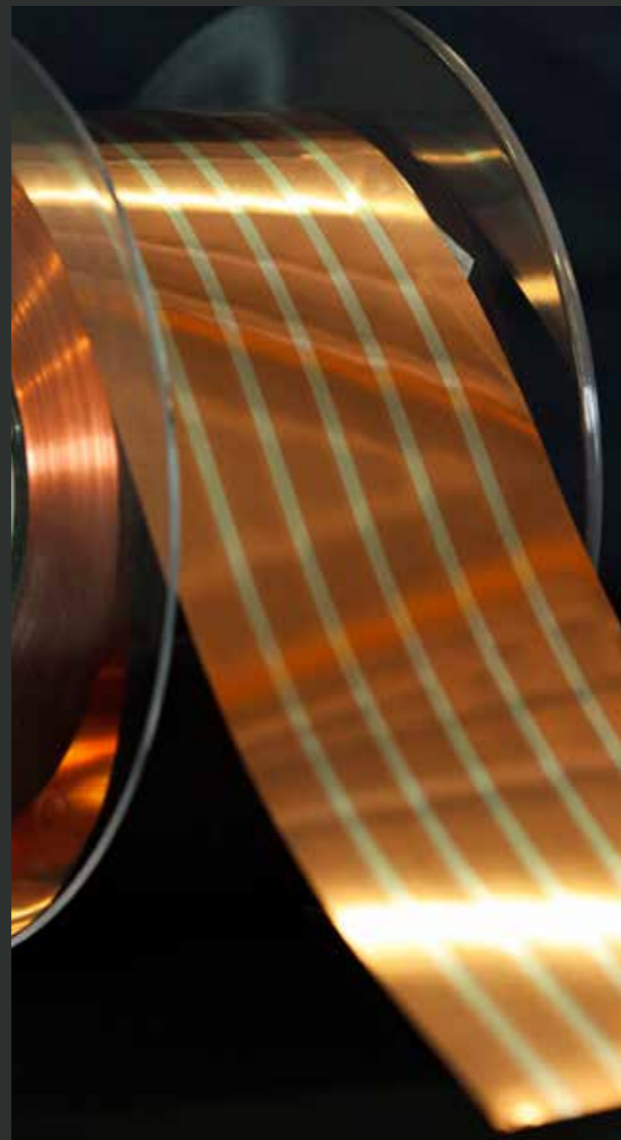
The highly qualified and specialized R&D engineers work closely with our partners to **design, test** and **develop** innovative and customized ideas and products.

## EXPERIENCE, RELIABILITY, QUALITY

Our **solid experience** in the transformation of **copper, silver** and **aluminium** and the technical know-how achieved in every phase of the production of **rolled** and **laminated metal foils**, allow us to support our customers in the definition of their needs and in the development of echnologically advanced solutions to the **highest quality standards**.

## SUSTAINABILITY

The Pietro Galliani S.p.A. site at the foot of the Apennines is both a precious resource and a source of awareness of the importance of a correct and respectful environmental policy. The energy we use comes 100% from an **in-house hydroelectric power plant** fed by the waters of the Reno river. Our company policies promote **sustainability and environmental protection** in every operation we carry out.



“ Our work comes from the elements.  
And from the hand of man.  
Which has been guiding and harmonising  
them since the beginning of time. ”





Plant of

### VERGATO

This plant is our **metallurgical production centre**.

Here we carry out metal melting, rolling and annealing operations, as well as a wide range of surface treatments.

The plant houses state-of-the-art equipment within its historical walls, which date back to the end of the 19th century.



Plant of

### GRIZZANA MORANDI

The Grizzana Morandi **plant**, 10 km from the Vergato plant, is the centre for processing and transformation of laminates. At this location, we laminate and cut different types of foils, test them in our laboratories and ship them **all over the world**. Our **logistics** are also located in this plant: we **stock** various raw materials and semi-finished products, making fast delivery one of our company's strengths.



## QUALITY

We guarantee **the highest quality standards** for our products and services for **maximum customer satisfaction**.

Our modern equipment and highly qualified staff allow us to constantly monitor and optimise the entire production process.

### Our test procedure

#### MECHANICAL TESTS:

- Tensile strength, elongation, yield strength
- Vickers hardness (HV)
- Roughness
- Electrical conductivity/resistivity
- Wettability (surface tension in dynes/cm)
- Peeling test

#### CHEMICAL ANALYSIS

- List of elements and impurities present in the alloy

#### METALLURGICAL TESTS

- Computer visualization of grain structure
- Grain structure analysis

#### DIMENSION PROCESS CONTROL:

- Thickness
- Width

## ISO 9001 & ISO 14001

The flagship, mission and core value of Pietro Galliani S.p.A. has always been the improvement of the quality of our products and the efficiency of the service offered to our customers.

Since 1996 this focus on a constant enhancement of our company has been recognized by the **ISO 9001** certification for the production, processing and sale of non-ferrous metals in the various formats we manufacture.

**UNI EN ISO 14001** certification is the most recent recognition of the success of our sustainability policies and our commitment to environmental protection.

## CODE OF ETHICS

Our **fundamental charter of moral rights and duties** defines the ethical and social responsibility of every member of our company.

We express the general ethical principles at the basis of all our activities, formalizing the strict commitment to behave according to the values on which the respectability of Pietro Galliani S.p.A. has always depended.





**Innovation, quality**  
and **safety** at the service  
of selected customers.  
**Flexibility and transparency**  
at every stage of product  
development, punctuality,  
**reliability** and **maximum**  
**customisation**  
of all the solutions.



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