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#### **GASER**

### the group

**Gaser Group** is a company specializing in surface treatments and metal coatings. The range of processes offered, the extensive territorial coverage, and the high production capacity in quality and in tight timelines are some of the strengths.

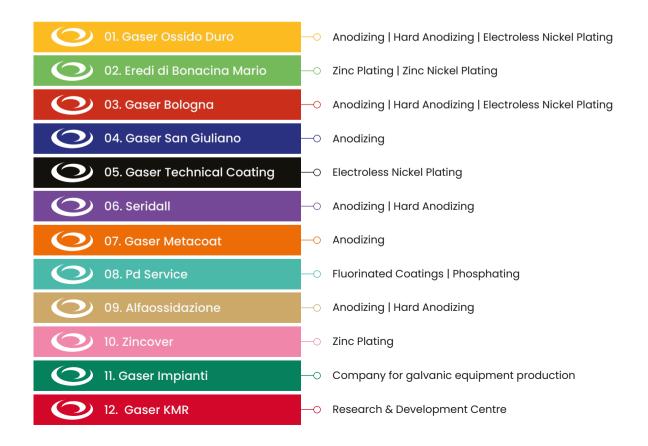
"Our mission is to exceed our partners' most ambitious expectations by providing a complete, punctual servie and a constant push for innovation."

— Gianni Franzosi Luca, Ceo

#### We have 12 production sites

located in the main strategic areas and we offer a wide range of surface treatments.

Gaser Group has a strategic territorial coverage to meet the market demand.





### the history

OVER 70 YEARS OF GROWTH AND INNOVATION



### 1965

Sergio, following in his father's footsteps, renames Fragas to Gaser SPA, specializing in the treatment of aluminum profiles.



### 2013-2016

Gaser Impianti is created with the intent of establishing a complete workshop, capable of meeting the Group's needs regarding frameworks, equipment, and components.

Gaser Technical Coating specializes in chemical nickel: with tanks totaling 40,000 liters and a loading capacity of 36 tons, it becomes the largest facility in Europe for chemical nickel plating.

### 1945

Bruno Gasparini founds the company Fragas (owned by the Gasparini brothers), specializing in the treatment of precious metals.



### 2007-2012

**Gaser** and **Eredi di Bonacina Mario** create a Joint Venture, giving birth to the concept of the Group.

Gaser Bologna is founded: nickel plating and anodizing services make their debut in the Emilian "Packaging Valley."

Gaser San Giuliano adds further strength to the Group, in the field of high-volume anodization and small mechanical components.



### 2017-2018

**Eredi di Bonacina Mario** opens a new facility equipped with 4 fully automatic production lines.

The first artificial intelligence system becomes operational on the zinc line.



### 2021-2022

**Alfaossidazione**, specializing in heat treatments and anodizing, joins the Gaser Group, further fueling its growth plans.

**Pd Service**, a company specialized in non-stick coatings, becomes a production site for the group, integrating the range of treatments offered.

Two new facilities, one in Borgosatollo (BS) and one in Presezzo (BG), consolidate Alfaossidazione's range of heat treatments.



### 2024

R&D and prototyping activities officially take shape in a dedicated tech hub within the Technology Park at **Kilometro Rosso** in Bergamo.



### 2019-2020

A historic company in the field of anodization, **Seridall**, is acquired to meet the ever-growing demand for such treatment.

Gaser Group becomes international:

Gaser Metacoat pvt Ltd in India is one of
the most advanced facilities for anodization in the Indian territory of Maharashtra.



#### 2023

The zinc treatment further increases production capacity with the acquisition of **Zincover**, a facility located in the province of Brescia.





#### **CERTIFICATIONS**

## quality management

The facilities of **Gaser Group** are quality-certified and comply with international ISO standards.

"A trusted partner, capable of providing excellence in numerous fields of metal treatment."





UNI EN ISO 9001:2015





UNI EN ISO 14001:2015





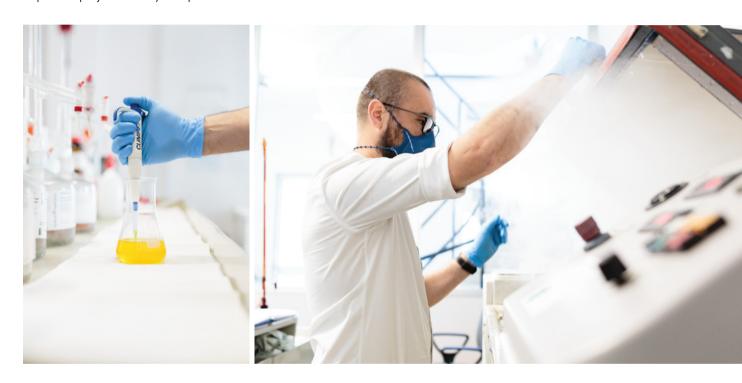






## research & development

Important projects for key companies in various sectors





c()esia



















The **Big Technology Center** is a new complex of innovative buildings within the **Kilometro Rosso** campus where companies can carry out research, prototyping, and small productions, using its advanced technological equipment and industrial-type spaces. Additionally, proximity to other business realities – both Italian and foreign – allows for new professional relationships and shared projects.

**Gaser Group** has decided to set up a hub for research and prototyping of surface treatments to meet emerging market demands. Activities are therefore focused on new performance and eco-sustainability needs.

## environmental sustainability

7



A.I.A. + 5 A.U.A.

10 total environmental authorizations, in accordance with current Italian legislation

3



### Operational trigeneration systems

that "reduce" CO<sub>2</sub> emissions by 1850 tons per year

2



#### **Evaporation systems**

that "reduce" 700k liters of liquid waste



#### Photovoltaic plant

producing 300 KW



Dedicated team for the management of filtration plants



H24 online monitoring of purifiers' alarms

# We treat the environment with respect

## Gaser Ossido Duro

Q Rozzano (Mi)



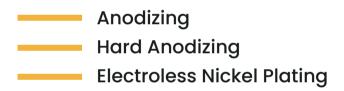


**Gaser Ossido Duro** specializes in the anodization of mechanical parts and chemical nickel plating.

Utilizing 4 production lines capable of supporting large orders, the company can provide decorative anodization, hard anodization, titanium hard anodization, and chemical nickel coatings.

Our ability to stay within rapid and strict delivery timelines and series quality are two of our main strengths.

Additionally, our internal logistics platform offers unparalleled completion in what is undoubtedly a satisfying "customer experience".









### system and flexibility

The company relies on 65 years of experience and high-level technological knowledge. In particular, this plant stands out among others for its production capacity, extreme traceability, and expertise in innovative treatments.

#### reliable and fast

Our facility can handle large quantities of material and various types of treatments while staying within strict delivery windows.

### quality and research

**Gaser Ossido Duro** cooperates with universities and research institutes to enable the industrialization of highly innovative processes.

The IATF 16949 certification validates the automotive orientation of this location.



## Eredi di Bonacina Mario

O Caravaggio (Bg)





**Eredi di Bonacina Mario** specializes in zinc and zinc-nickel plating of mechanical parts.

Thanks to 4 high-technology, automatic, and interconnected production lines, the facility excels in both barrel and rack production.

A high number of passivation and sealing combinations complete the technical offer, as does the ability to provide quality and quantity simultaneously, always within strict delivery windows.

Naturally, all of this is complemented by our internal logistics service.









#### versatile and quick

The facility can handle large orders in very short times.

#### structured and flexible

Our production lines are equipped with high-technology instruments.

We can handle batches from a few kilograms to several tons within the same cycle. For clients who desire it, we can also provide a packaging service.

### quality assurance

**Eredi di Bonacina Mario** has a laboratory capable of providing a detailed analysis of products. Analysis parameters include X-rays and salt spray corrosion tests

The IATF 16949 certification validates the automotive orientation of this location.



## Gaser Bologna

O Cadriano (Bo)



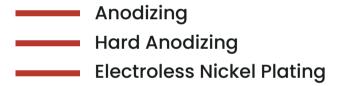


**Gaser Bologna** specializes in chemical nickel plating and the anodization of mechanical parts.

Thanks to our chemical nickel plating plants, both high and medium phosphorus, and those for decorative, hard, and Duralti anodization, we have become the most technologically advanced player in the field.

Our range of treatments and the ability to achieve results in short times are two of our major strengths.

Internal shot peening departments and hardening ovens complete the surface treatments.









#### flexible and efficient

The facility can easily handle orders consisting of various alloys, required treatments, and varying thicknesses.

### experts

**Gaser Bologna** wisely utilizes the know-how and past experiences of the entire Group.

### quality

Thanks to its advanced laboratories, **Gaser Bologna** ensures constant quality control of its products.



### Gaser San Giuliano

San Giuliano Milanese (Mi)





**Gaser San Giuliano** specializes in the anodization and Burnishing of mechanical parts.

It is also an applicator of Cerakote coating, a ceramic with low thickness and high resistance to corrosion and high temperatures.

Thanks to two high-capacity production lines, the facility can offer decorative anodization, polishing, and satin finishing, as well as the Burnishing of stainless steel and ferrous alloys.

The experience in treating small parts and the extreme care for the visual result are distinctive signs of this location.

The company is equipped with laser systems and can offer a high degree of customization of the supplied products.

#### Anodizing







## specialization in metal finishes

Our company handles large quantities of small parts.

Our experience in aesthetic pre-treatment and polishing, as well as satin finishing, are synonymous with quality.

#### versatile and fast

We can handle large quantities of material and still meet strict customer delivery deadlines.

### quality

**Gaser San Giuliano** actively collaborates with universities and research institutes to constantly improve its production processes.

The plant is ISO 9001 and IATF 16949 certified.



## Gaser Technical Coating

O Isola Vicentina (Vi)





Gaser Technical Coating, qualified for chemical nickel coatings by major industries in the Oil&Gas sector, boasts two different nickel processing lines, large sandblasting plants, and facilities for selective coating. This allows for the effective coating of valves, even of large sizes, plates, and also ensures exceptional final results with any type of metal.

This is complemented by a fully integrated logistics service that operates throughout the country. This ensures a fast and comprehensive service.

#### **Electroless Nickel Plating**







## our expertise and specialization

Gaser Technical Coating specialises in machining components for the oil and gas industry and has Europe's largest facility capable of coating valves up to 72 inches in diameter.

### extraordinary know-how

and above-average capabilities enable us to handle the coating of large quantities of material.

#### strict quality control

Our internal laboratories, equipped with the latest technologies, allow us to offer our customers tests on hardness, corrosion and abrasion resistance, thickness, porosity, and chemical composition.







**Seridall** has more than 60 years of experience in the anodization of aluminum and its alloys.

The variety of possible shades and finishes, the flexibility in offering special applications, and the rapid processing times are the main distinctive points of our activity. Seridall has a consolidated quality standard, maintained over decades, in the field of anodic decorations and hard anodization, having obtained numerous seals of approval.

Located in Nova Milanese, we are easily accessible using the main highways leading to the city of Milan.

We have an internal and integrated logistics service, one of our main strengths for satisfying customer needs.









## flexibility and finishes

**Seridall** has over sixty years of experience in anodising aluminium and its alloys.

The variety of colours and finishes available, flexibility in special applications and turnaround times are the company's main strengths.

# specialised in anodising

**Seridall** has a quality standard that has been established for decades in decorative and hard anodising processes. Many important approvals have been obtained.

## logistics

The company is located in Nova Milanese, easily accessible from the main Milanese motorways; the integration with its own means makes the logistic aspect a strong point in the handling of goods.



## **Gaser Metacoat**

Pune - India





Gaser Metacoat pvt Ltd is a location specifically designed for the anodic treatment of components dedicated to the automotive sector, a particularly emerging field in India.

### Anodizing









# **Pd Service**

Sola Vicentina (Vi)





**Pd Service** has been dealing with surface treatments since 1979, with a strong specialization in fluoropolymer coatings.

Listening to the customer, dedication, and attention to detail to achieve the best final result characterize every process: experience and continuous technological updating allow us to guarantee only the most innovative solutions and a consistently high quality standard.

The internally perfectly organized structure and mastery of different application techniques on various materials offer clients the flexibility needed to treat parts that can reach large sizes.

Fluorinated CoatingsPhosphating









## authorised applicators

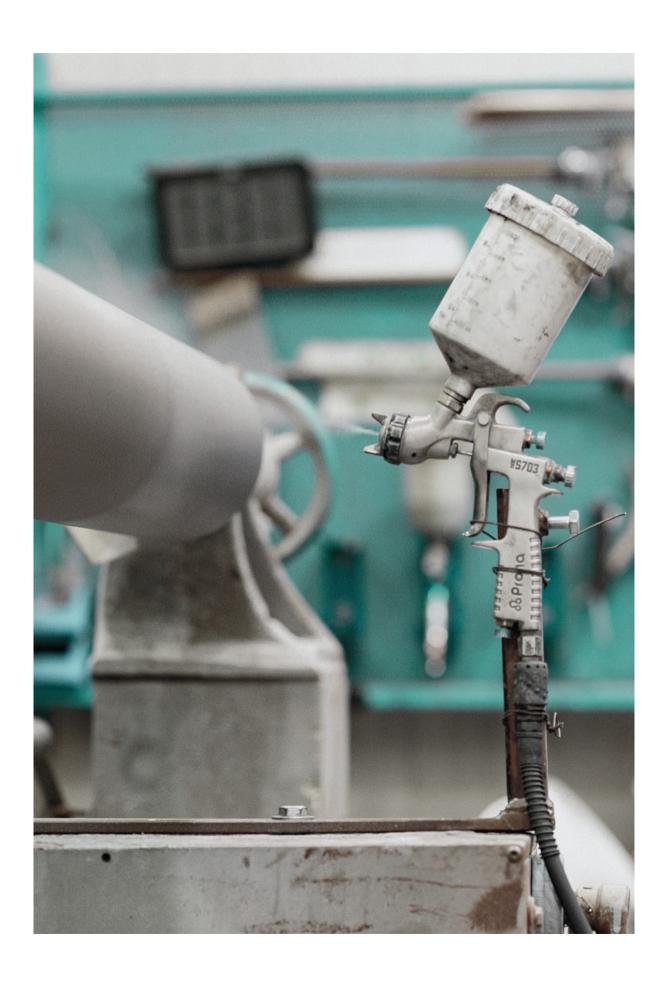
**Pd Service** is an authorised licensee and applicator of the leading brands of coatings. These approvals are synonymous with experience, quality, excellence and technology, and are also a guarantee for the customer, as the range of these coatings is the widest and most modern on the market and can only be supplied by exclusive distributors.

## dimensional capacity

The surface preparation and coating equipment, both automatic and manual, and the curing ovens are large enough to treat parts up to 16 metres in length.

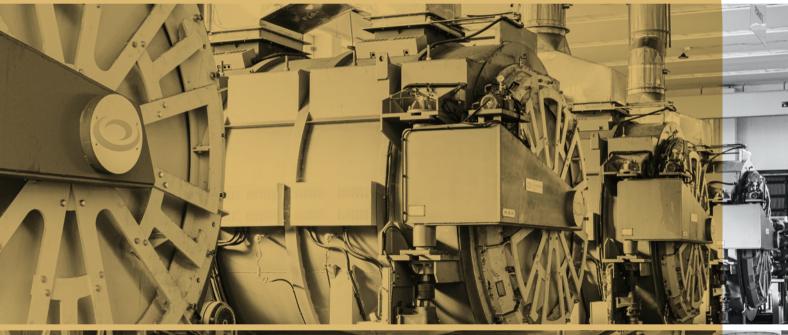
## complementary treatments

The possibility of phosphating the surface and applying functional coatings in a very short time in the same plant is a rewarding factor, both in terms of the performance of the finished product and the time required to manage the treatment sequence.



## Alfaossidazione

O Borgosatollo (Bs)

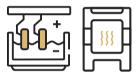




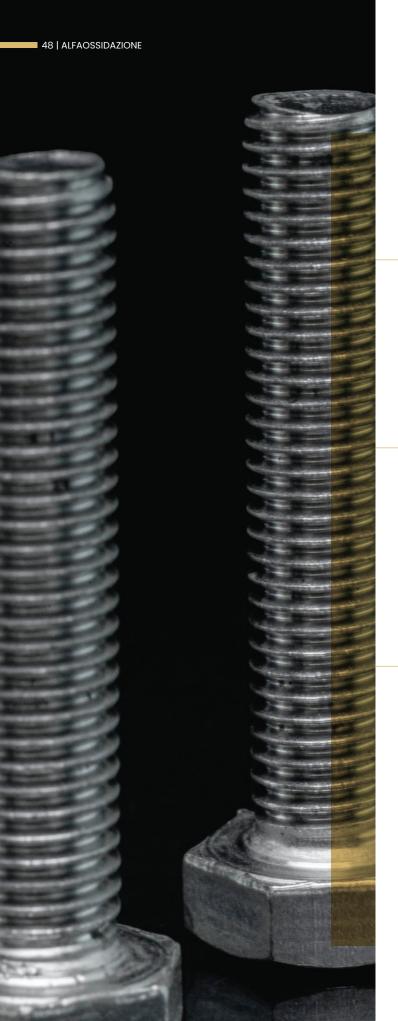


**Alfaossidazione** consists of two divisions: the first deals with natural, hard anodization, and chromic passivation with strong specialization in the automotive sector, the second offers a wide range of thermal and thermochemical treatments such as gas nitriding, ferritic or with post-oxidation, carbonitriding, vacuum or oil quenching, solution treatment, carburizing, annealing, stress relieving, and aging.

Anodizing Hard Anodizing







### versatile and fast

Thanks to the wide range of treatments offered, a 24-hour shift and a large number of installations, the plant is able to provide a fast and efficient service, even for large productions.

# high level of technology

The anodising and heat treatment equipment is of the latest generation. Automatic management and traceability of the cycles, analysers with automatic mapping in accordance with AMS 2750 and bar code technology are just some of the features that distinguish the plant.

## quality and research

There are numerous collaborations with universities and colleges with the aim of developing ever more efficient and optimised cycles. The in-house laboratory is capable of carrying out a wide range of destructive and non-destructive tests to provide valuable metallographic and failure analysis advice. The IATF 16949 certification for anodising and heat treatment on a single site demonstrates the speciality of this location.



## Zincover

Occaglio (Bs)





**Zincover** is a company equipped with electrolytic zinc facilities specializing in zinc-iron alloy coatings. Its strategic location allows for strong interaction with other Group locations.

### Zinc Plating









### versatile and fast

The number of tanks and the type of treatment allow the management of both large series and small batches.

## logistical coverage

The historical presence in the area and the interaction with the Group's sites specialising in heat treatments or complementary galvanising allow the Group to offer an effective and complete service to its customer base.

## contacts



#### Gaser Ossido Duro

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### Gaser Bologna

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### **Gaser Technical Coating**

Via Enzo Ferrari, Nº 51 36033 Isola Vicentina (Vi) Tel: +39 044 4976937



#### Metacoat

Chakan Industrial Area, Phase 3, Nighoje, Pune India



#### **Alfaossidazione**

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### Eredi di Bonacina Mario

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### Gaser San Giuliano

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#### Seridall

Via Galvani, N° 3 20834 Nova Milanese (Mb) Tel: +39 0362 40491



### **Pd Service**

Via Enzo Ferrari, Nº 9 36033 Isola Vicentina (Vi) Tel: +39 0444 976363



#### Zincover

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