



Steel

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BEING AT THE FOREFRONT WITH NEW OPERATING SYSTEMS
AUTOMATION AND MANAGEMENT OVERSIGHT.



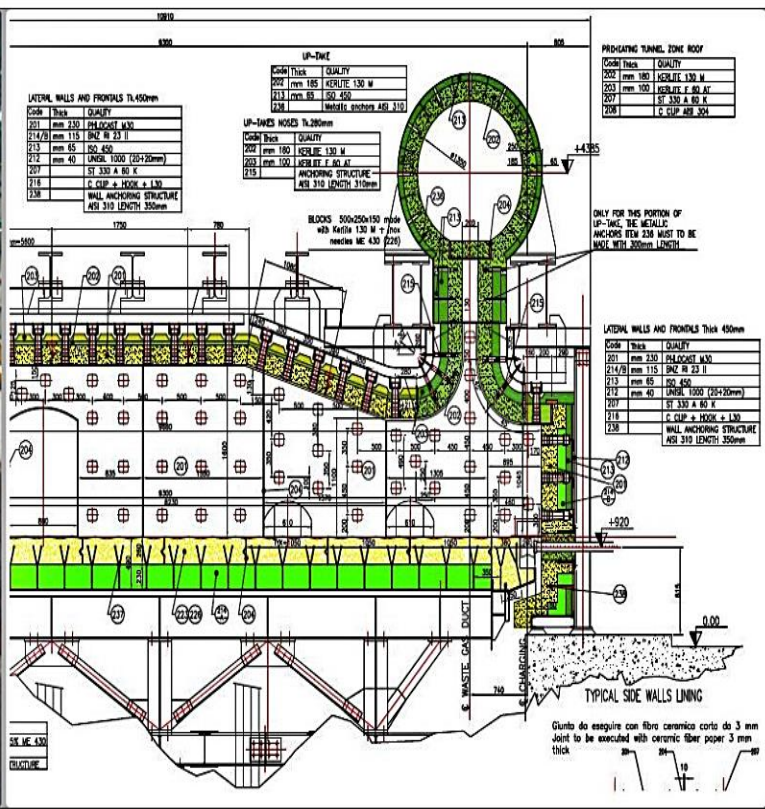
MADE IN ITALY



Furnace Reheating

Our melting and holding furnaces are designed and manufactured in order to meet our customers' requirements. Product quality, flexibility, maximum attention to customer needs and the capacity to quickly respond to their high expectations represent Gruppo Pedercini competitive advantages.

Pusher Furnace
Walking Heart
Walking Beam

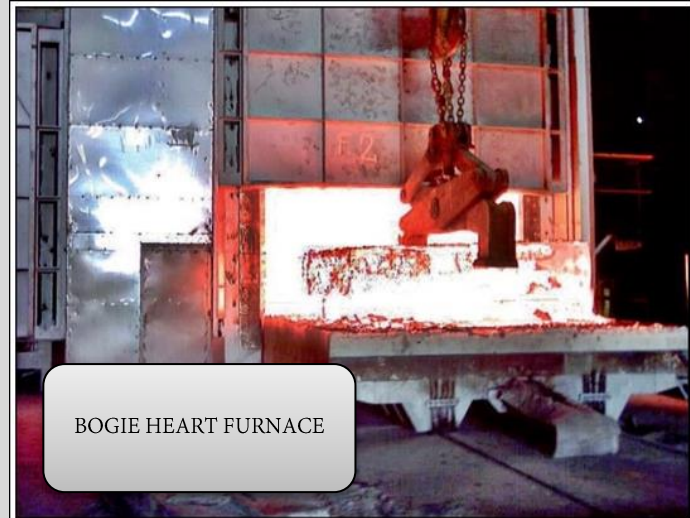




Furnaces Forges & Heating

Gruppo Pedercini designs and manufactures furnaces with highly innovative materials and the most advanced systems of oversight and control that allow reach the highest quality standards. The main types of furnaces for aluminum we manufacture are:

Bell Shaped Furnace
Bogie Heart Furnace
Mobile Heart





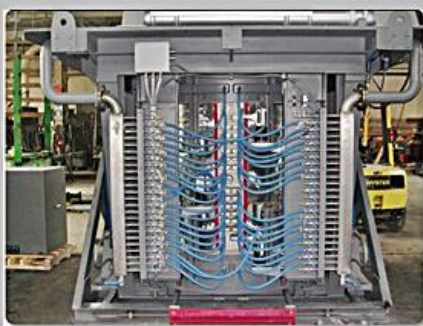
Induction Electric

Gruppo Pedercini induction electric are tailor-made to meet the precise needs of each customer and each application. They are manufactured in fulfillment of all national and international mandatory efficiency regulations.

Capacity: from 0.5
to 60 T



Our induction electric operates at the highest levels of efficiency, reliability and above all it's a cost-efficient plant. Our superior technology and expertise in combination with the best available quality materials allows our plant to perform in challenging processes.





Furnaces Treatment



Gruppo Pedercini operates a high-grade steel foundry. We designs and manufacture steels furnace with highly innovative materials and the most advanced systems of monitoring and control that allows reach the highest quality standards.



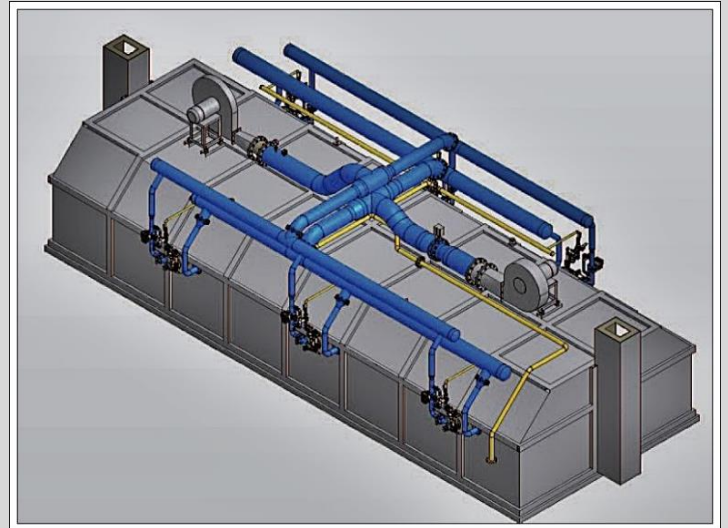


Bell Shaped Furnaces

Capacity: from 0.5
to 400T

Fuel: CH₄/LPG

All our products are sold to foundries in general engineering, automotive, copper and aluminum-semi-finished products industries; rolling and extrusion plants, forge companies and many other sectors in Italy and overseas.





Preheater Ladle

Gruppo Pedercini engages in the design, manufacture, and sale of metallurgical steel equipment and thermo-processing systems. We produce all types of combustion items (preheaters and dryers) such as:

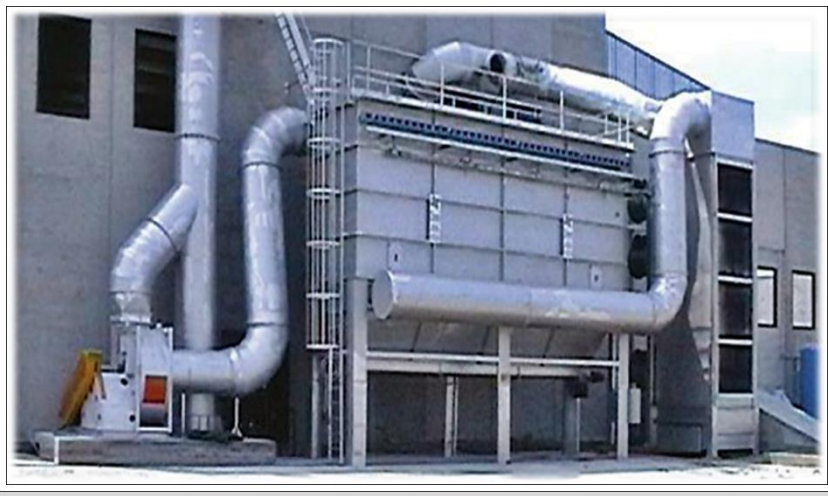
- Vertical ladle preheater and drying station;
- Vertical tundish preheater and drying station;
- Horizontal ladle preheater and drying station;
- Tailor made preheater and drying station for particular application and for ladle starting from 20 to 250 TONS.

Our preheater and drying station are suitable for use in the steel industry, with unitary power starting from 100 KW to 5000 KW.





Fume Treatment



We are specialized in designing and manufacturing and installation of suction and filtering systems for fumes: steel mills, foundries, die casting, forging, heat treatment, etc.

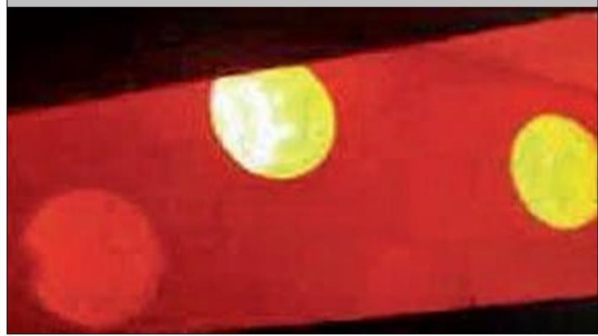
As a result of many years of broad experience in the various fields of industrial plants, Gruppo Pedercini is in the position to manufacture plants with materials able to extract and eliminate all the dust produced, even the most difficult once, by filtering the material. Gruppo Pedercini also deals with the design and construction of bag filters, filter dust and fumes that guarantee excellent results in all applications.





Saving Energy and Fuel

Thanks to our continuous R&D investments Gruppo Pedercini steel plants are environmentally friendly, have low energy consumption and built to achieve the best performances.



The combustion system with cold air setting pulses allows the optimization of combustion, obtaining one of the best effects of heat exchange.

The preheated air technology, with combustion air recovery, which is installed directly on the hat, allows the air heating up to 450°C.

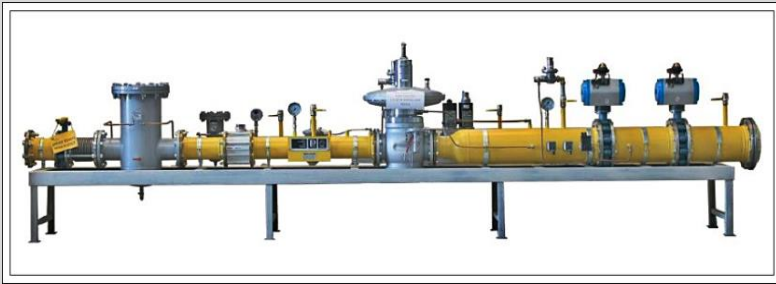
The digital technology combined with a heat recovery system and radiant burners enable you to achieve the maximum heating technology.



Accessories

Gas Train

Gruppo Pedercini performs studies and projects, as well as the realization of gas trains complying strictly with the customer's request.



O2 Analyzers

Gruppo Pedercini oxygen analyzers are manufactured and designed to increase safety and improve efficiency. They are simple to operate, extremely accurate and affordable.



Control & Power Board

Our experienced staff delivers safe and cost effective you can count on for your combustion process.



Oxygen Train

Our custom oxygen trains are designed to elevate the standards of our products and services to offer customer satisfaction through unsurpassed quality.



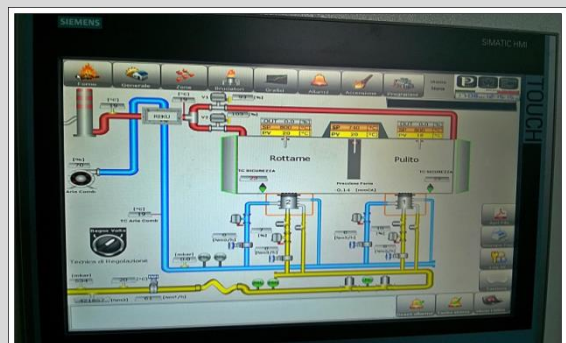
Industrial Cameras

Gruppo Pedercini industrial cameras are based on innovative technologies which offers excellent image quality and high frame rates, in addition of a camera design which enables rapid and flexible integration.



Software

Gruppo Pedercini offers a high quality software development for industrial application that monitors every single stage of the production process.

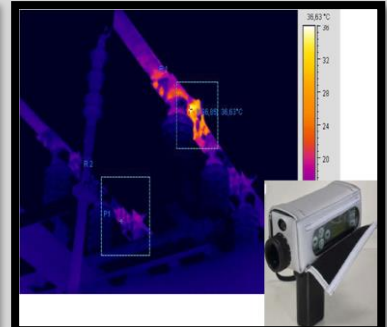
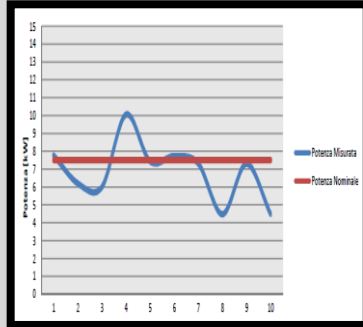
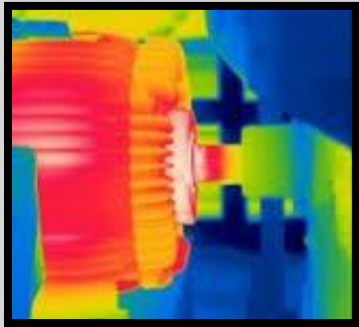




Maintenance Service



Gruppo Pedercini distributes and offers support worldwide. We also offer a planned and preventative maintenance service designed to guarantee our customers updated technological solutions. Our engineering division staff provides integrated technical expertise and service in: MECHANICAL EQUIPMENT; HYDRAULIC EQUIPMENT; ELECTRICAL DESIGN.



- Control according to EN 61439
- Control according to EN 60204
- Analysis with thermal camera
- Analysis of electrical networks
- Analysis of environmental networks
- Equipment control with the use of certificated SIT tools
- Compilation of documents that are necessary to register the controlled activities
- Ordinary and extraordinary interventions for the maintenance of the instrumentation
- Ordinary and extraordinary interventions for the maintenance of combustion plants
- Spare Parts

TRAINING COURSE



Participation certificate

awarded to:

in order to certify that the customer has participated
brilliantly to our training course

Combustion
Level I

Teacher

M. Marco Zappalà
Technical Manager

Chairman

M. Claudio Pedercini
Chairman

Gruppo Pedercini supports and promotes training courses for combustion technicians holding seminars at our headquarters in Nuvolera for training sessions that include workshops and practical demonstrations, seminars and video screenings.





GRUPPO PEDERCINI

ENERGY AUTOMATION STEEL IRON ALUMINIUM QUARRIES

Gruppo Pedercini

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MADE IN ITALY



IT - ISO 9001-2008