



STEELWORKS

VEXA

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Our company offers three main kinds of services related to steelworks: construction from scratch, operations of revamping and maintenance.

We aim to offer the decade-long experience of our qualified workers so as to ensure the efficiency of structures, infrastructures and industrial plants. Flexibility is the key point at Vexa, in order to meet the deadlines previously agreed with the customer.

a **Certified** Company



CQOP  **SOA**
COSTRUTTORI QUALIFICATI OPERE PUBBLICHE

➤ CONSTRUCTION & SUPPLY

According to the specific requests of the customer, our company carries out the different steps that are necessary for the making of the several parts of the plant.

During the study process of the graphic documents, Vexa takes care of maintaining contacts with the customer, being available for any eventuality that may occur as well as for any request that may be made while the work is still ongoing. Our workers invest their expertise in every aspect that the work requires, providing as well proof tests and non-destructing testing, pre-installation at workshop, arrangement of transport.



➤ REVAMPING

In the field of steelworks this term indicates those operations of renewal or reconditioning applied to those parts that need to be modified because of either time-based deterioration, or damaging.

In this sector Vexa operates always at the customer's request, carrying out accurate proof tests at the workshop; those tests can start from a whole review of the component, or from the specific requests made by the customer. According to the needs demanded, Vexa carries on operations of reviewing, identification of those points in need of revamping, replacement or enhancement interventions on the damaged or deteriorated part. To complete the revamping operations, we carry out proof tests and non-destructive testing, with arrangement of transport.

➤ MAINTENANCE & INSTALLATIONS

Working with our own equipment and with all the qualified workers, Vexa takes care of the operations of maintenance and installation at the plants, as previously established with the customer.

Those operations can take place both during the planned stops (usually in the summer and at Christmas time, when the production of plants stops), and during the extraordinary stops (at the specific request of the customer). In this case our top priority is meeting the deadlines previously agreed with the customer.

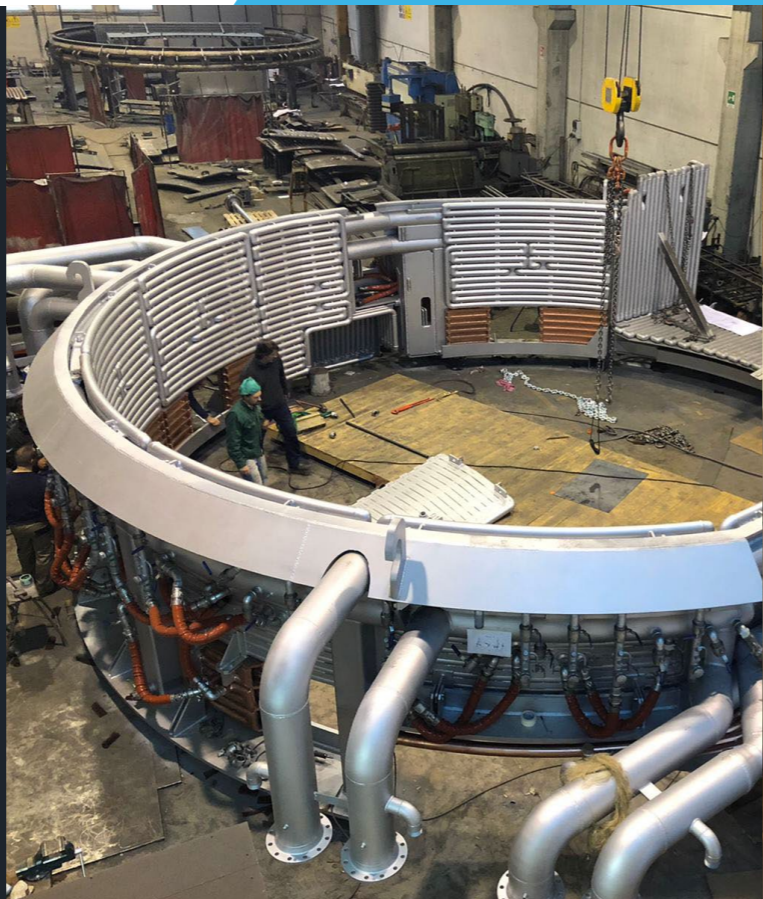


OUR ▶ PRODUCTS



▶ COOLED CAGES

Metal structures fixed on the casting crucible that work both as water collectors and as support for cooling panels; the furnace vault lays itself on the cage.



CASTING FURNACE PORTALS ◀

They are used only in continuous furnaces; the cooling portal is made of tubes and it connects the casting furnace with the scrap loading basins.



▶ COOLING PANELS

These panels cool down the temperature of the components of the plant and are built with tubes functioning as cooling circuits, coated with flat irons or metal sheets.



COOLING VAULTS ◀

These vaults are installed on the casting furnace (EAF). They are made of a tubular support structure and panels of cooling circuits.



OUR ▶ PRODUCTS



▶ SLAGGING DOORS

These doors are positioned on the slagging beak of the furnace and allow the slag in the bath liquid to pass and to be eliminated before and after the casting process.



ALVEOLAR COVERS ◀

Closing covers for the LF furnaces vaults, made of cooling tubes circuits, with holes to let the electrodes pass.



▶ LADLES AND WAGONS

We make both ladles, containers to carry liquid steel, and wagons for their transport.



DUST BAGS ◀

The bags have the important function of gathering the dusts that settle from the fumes coming through the ducts, reducing the temperature of the fumes before they reach the filter.



OUR ▶ PRODUCTS



▶ SUSPENDERS

These supports are installed on the casting ladles, that allow the overhead crane to couple, transport and turn the ladle.



TURNING-MOLD EQUIPMENT ◀

This equipment is used for the maintenance of parts of the molds.



▶ AIR COOLING DUCTING SYSTEMS

Air ducts for high temperature fumes, made of cooling panels.



LIME COAL SILOS ◀

They function as storage tanks for additives from which, working with air-propellers, the material for the refining of the casting is pulled out.



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MANAGEMENT AND OFFICES

Pisogne (BS), via Caggioli snc

PRODUCTION UNITS

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