



INDUSTRIAL OVEN

Pre-heating Oven Moulds





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This oven has been designed to house the moulds before being installed on the press.

The mould heated at approximately 150 °C allows a significant reduction in production start-up waiting times, reductions of approximately half the time have been made.

The oven is a traditional electric heating oven but with a very sturdy and resistant structure, inside the chambers there are roller conveyors of hardened material with bearings for high temperatures and an air circulation fan which guarantees excellent temperature distribution and a rapid heating of the moulds.

Strong mechanical stops ensure that the mould is locked and secure.

The construction of these ovens are "dedicated" and they are designed according to customer specifications, of the quantity, of the minimum and maximum dimensions as well as the weight of the mould. They can be designed to house moulds vertically or horizontally.

Characteristics

The oven is characterized by the numerous characteristics that allow to improve the post-curing process.



Ignition timer



Electric thermoregulator
improves control and
temperature regulation

WHAT MAKES OUR OVEN RANGE UNIQUE

HOMOGENOUS TEMPERATURE

Air flow management to obtain differences in temperature even better than 5 degrees.

O.R.S VALVE

Security valve for the reduction of oxygen in the chamber. It reduces the risk of a fire

SAFE USE

The interior of the chamber is completely "sealed" and doesn't allow the fumes to pollute the insulation.

PLC SIEMENS

The electric panel allows you to:

- have under control all the temperature parameters.
- interface and control the oven through a PC.
- record time/ temperature graphs

EXCHANGER HEAT

It allows to pre-heat the incoming air by 30/50 °C, reducing energy consumption and condense the outgoing fumes.

H.E.P.A. FILTERS

Where it's necessary to treat food or medical material, we filter incoming air through absolute filters.

AIR EXCHANGE

The post-curing of silicone requires a lot of attention for the exchange of fresh air, we can manage the correct quantity air with respect of the kg of the treated material.

Our Ovens



Static Oven for Elastomer Vulcanization

Oven studied for the treatment of post-curing of elastomer materials such as NBR, Silicone, Viton, etc.

Max temp. 200/300 °C



Rotating Oven for Elastomer Vulcanization

Oven studied for the treatment of post-curing of elastomer, such as O-ring, for which flatness is required.

Max. temp. 300 °C



Sintering Oven PTFE

Oven studied for the specific application of sintering treatments on PTFE polymers.

Max. Temp. 450 °C



Pre-heating Oven Moulds

Oven designed to hold the moulds before being installed on the press.

Max. Temp. 200 °C

WE ARE ABLE TO PROVIDE **MADE TO MEASURE** OVENS STUDIED TO SATISFY YOUR NEEDS



We have specialised for 20 years in the supply and consultancy of scientific instrumentation for quality control and R&D laboratories.

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