



INDUSTRIAL OVEN

Rotating oven for
Elastomer Vulcanization





Rotating oven for cycles of Vulcanization Elastomer

It is an oven designed for the post-curing treatment of elastomeric materials and in particular for O-Rings, for which flatness is required.

All types of materials can be treated such as: NBR, Silicones, Viton etc. The material to be treated is poured into a perforated rotating stainless-steel basket and placed in continuous rotation, it is also hit by two streams (to the right and left of the basket) of hot air. The air is heated by means of stainless steel finned armoured resistances with high heat exchange.

Characteristics

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



ORS safety valve for oxygen reduction, installed on both incoming and outgoing pipe



Control and regulation of incoming air



Heat exchanger allows considerable energy savings



Siemens PLC thermoregulator improves control and temperature regulation

Technical data of some models

External Dimension (cm)	Weight (kg)	Basket Volume (l)	Electric Power engines (kw)	Electric Power resistance (kw)
234 x 250 x 265	1.700	840	2,4	18



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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