

Pyrolytic cleaning ovens

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Cleans plastics from metal parts

Tecnocanto pyrolytic cleaning ovens are design for removing plastic from metal parts, using a thermal cleaning under vacuum.

The pyrolysis process is carried out controlling the temperature along a preset time. The working temperature is between 350-500°C and the cleaning cycle time is from 2 to 6 hours, depending the type of polymer and contamination, their quantity and the total weight of the metal part. All these setpoints are controlled by a PLC and managed from a touchscreen easy user interface.

Since the cleaning process is made under vacuum, there is no fire or any burn of the plastics and contamination, eliminating the risk of chemical oxidation / corrosion of the metal part to be cleaned.



MC-PO85B

High tech PO-B / size of cleaning compartment:

MC-PO55B – 530 x 420 x 300mm
(supports screens up to Ø430mm)

MC-PO85B – 790 x 720 x 620mm
(supports screens up to Ø730mm)

High tech model MC-PO55B and MC-PO85B adds:

- ✓ Integrated after-burner to treat the outlet gases.
- ✓ PLC controller with remote assistance + touch screen 7".
- ✓ Piping and accessories in stainless steel.
- ✓ Water condensation tank with filter for improvement filtering and lower maintenance.
- ✓ Water pressure controller + flow switch to control the water inlet.
- ✓ Pressure gauge integrated at the touchscreen.
- ✓ Closed system circuit for the water used at the vacuum pump (as option).



MC-PO550



MC-PO850



MC-PO900

PO standard models / size of cleaning compartment:

MC-PO550 – 530 x 420 x 300mm
(supports screens up to Ø430mm)

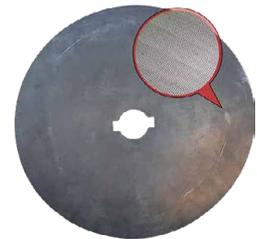
MC-PO850 – 790 x 720 x 620mm
(supports screens up to Ø730mm)

MC-PO900 – 830 x 820 x 700mm
(supports screens up to Ø830mm)

Before



After



Our standard models include:

- ✓ Stainless steel construction.
- ✓ PLC controller + touch screen 4.3".
- ✓ Vacuum pump with water ring.
- ✓ Water condensation tank with filter for improvement filtering and lower maintenance (as option).



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