



## DESCRIPTION

To complete the "PT" product range, furnaces for polymers, CTM introduces the PPT model, able to pre-sinter PTFE powder in particular, but also suitable for sintering of other synthetic polymers.

The external metal structure is obtained using stainless steel sheets forming the heat absorbing, high thickness sandwich and the interspace for air circulation.

Sets of electric resistances, positioned in the air circuit, with low surface load and high exchange power determine the heating of the furnace chamber while special fans for high temperatures control its circulation.

The processing cycle can be realized in **closed** or alternatively **semi-closed** version with horizontal split currents.

As regards the door opening system, as for the model MBT, it is possible to choose between the hinge system or counterbalanced guillotine door with manual or servo-assisted handling system.

Optimization of circulation with flow rate adjusters.

Electronic adjustments of temperature through static power relays with the possibility of programming and data logging.

Throttle valves for air input and output with manual or servo-assisted adjustment.

**We support customers from consulting to the realization proposing standard or customized solutions.**

For more information and images see our website [www.ctmsrl.it](http://www.ctmsrl.it)

## TECHNICAL FEATURE

| Model<br>PT PPT | Useful dimensions of the chamber |        |       | Rated power | Capacity |
|-----------------|----------------------------------|--------|-------|-------------|----------|
|                 | Width                            | Height | Depth | Kw          | Lt       |
| PT PPT/1        | 1000                             | 1000   | 1000  | 18          | 1000     |
| PT PPT/2        | 1000                             | 1000   | 1500  | 22          | 1500     |
| PT PPT/3        | 1200                             | 1500   | 1700  | 36          | 3060     |
| PT PPT/4        | 1200                             | 1700   | 1700  | 46          | 3470     |
| PT PPT/5        | 1500                             | 1700   | 1700  | 54          | 4335     |
| PT PPT/6        | 1800                             | 1700   | 1700  | 62          | 5200     |

