



## DESCRIPTION

Our model MBT, belonging to the line "PT" for polymers treatment, arises from the need to optimize the sintering process of the PTFE-product taking into account the variables "Size and Shape", all related to the thermal phase.

The metal structure, **with chamber or tunnel**, with air circulation, has walls of stainless steel sheet that constitute the heat absorbing, high thickness sandwich with cavity for air circulation.

Sets of electrical resistances with low surface load and high exchange power positioned in the air circuit process the heating phase.

Air entry and exit is controlled by butterfly valves, either manually or in a servo-assisted mode

Versions per **closed** or **semi-closed** loop with horizontal/vertical split currents.

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

Forced air circulation takes place by means of special fans suitable for high temperatures; optimisation of the circulation with flow rate adjusters.

Door opening: with hinge or counterbalanced guillotine with manual or servo-assisted handling system.

**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 PT MBT	Useful dimensions of the chamber			Rated power	Capacity
	Width	Height	Depth	Kw	Lt
PT MBT/1	1200	1200	1200	24	1730
PT MBT/2	1200	1200	1700	32	2450
PT MBT/3	1300	1500	1700	40	3315
PT MBT/4	1600	1850	1700	65	5032
PT MBT/5	2000	1900	1700	72	6460
PT MBT/6	1900	2000	2300	90	8740

