

INDUSTRIAL
OVENS &
FURNACES

HEAT
TREATMENT

HIGH
TEMPERATURE
> 500°C

GAS FIRED

ELECTRICAL

HIGH TEMPERATURE Gas fired



HEAT TREATMENT

Tempering
Quenching
Hardening
Annealing
Preheating





**Double automatic
opening**

**Two bogies can move
alternately**

**Automatic bogie moved
by inverter
controlled motor**



Sliding structure



The entire structure slides alternately back and forward at the end of each treatment cycle .

Smokes out from holes in the refractory floor .

Chamber ovens

Many shapes for different applications:

Ex: Tempering, annealing sintering, testing materials





Many shapes for
different applications:

Ex:
Wire rope heat treatment

Oven with hydraulic
press.

Ex:
Sintering of cutting
disks



Chamber's oven



Gas fired furnace

High thermal performance,
energy saving ,
Strong hearth structure

Opening manual or
automatically

Range temperature from 600° to
1280 °C

Supply with LPG, butane,
propane or natural gas

Controlled by multisteps PLC
thermoregulator

Gas plants with valves,
actuators, pressure
switches

CE certificate

HEAT TREATMENT CHAMBER FURNACES- 1.100°C

Mod.	Internal dimensions (mm)			External dimensions (mm)			Voltage V	Thermal Power Kw	Power Kw
	Width h	Height h	Depth h	Width h	Height h	Depth h			
MG TTC 111	1000	1200	1000	1800	2500	2800	400	300	2
MG TTC 112	1000	1200	2000	1800	2500	3800	400	500	3
MG TTC 121	1000	2000	1000	1800	3500	2800	400	600	4

Other dimensions, shapes can be made by request.

The technical data shown here are not binding. The company reserves the right to make changes without notice.

Electrical



HEAT TREATMENT

Tempering
Quenching
Hardening
Annealing
Preheating



Heat treatment



Electrical bogie furnace

High thermal performance,
energy saving ,
Strong bogie structure

Opening manual or automatically

Bogie extracting manual or automatically

Range temperature from 600° to 1380 °C

Electrical Supply

Controlled by multisteps PLC
thermoregulator with SCR Unit

High performance resistors with long
operational life

CE certificate

HEAT TREATMENT BOGIE HEARTH FURNACES- 1.100°C

Mod.	Internal dimensions (mm)			External dimensions (mm)			Voltage	Power
	Width	Height	Depth	Width	Height	Depth	V	Kw
MGTTE 111	1000	1200	1000	1800	2500	2800	400	300
MGTTE 112	1000	1200	2000	1800	2500	3800	400	500
MGTTE 113	1000	1200	3000	1800	2500	4800	400	600
MGTTE 114	1000	1200	4000	1800	2500	5800	400	700
MGTTE1.514	1500	1200	5000	2300	2500	5800	400	900
MGTTE 222	2000	2000	2000	3000	3600	3800	400	1300
MGTTE 223	2000	2000	3000	3000	3600	4800	400	1300

Other dimensions, shapes can be made by request.

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Chamber's oven

High temperature up to 1400°C

Front loading



Shaft oven for top loading

Box oven



Heat treatment



Small electrical furnaces

High thermal performance,
energy saving ,

Door opening manual left o right

Range temperature from 600° to 1400 °C

Electrical Supply

Controlled by multisteps PLC
thermoregulator with SCR Unit

High performance resistors with long
operational life

CE certificate

HEAT TREATMENT CHAMBER FURNACES- 1.100°C

Mod.	Internal dimensions (mm)			External dimensions (mm)			Voltage V	Power Kw
	Width	Height	Depth	Width	Depth	Height		
Emme.20	200	200	300	740	960	880 + 600	400	4
Emme.25	250	250	350	790	910	1030 + 600	400	4
Emme.30	300	400	300	790	1010	1030 + 600	400	6
Emme.40	300	300	400	790	1010	1030 + 600	400	6
Emme.50	400	400	500	890	1110	1030 + 600	400	8
Emme.55	350	450	550	840	1160	1080 + 600	400	8
Emme.60	500	400	600	990	1210	1030 + 600	400	9
Emme.70	700	500	700	1190	1310	1130 + 600	400	14

Other dimensions, shapes can be made by request.

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Other models



**Different model non-standard
To satisfy every client need**



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