



MOD. ATF-4

STATIC BAKING FURNACE QUICK-SLOW COOLING

MAXIMUM TEMPERATURE 1150°C

SINCE 1946



GENERAL CHARACTERISTICS (COMMON)

Metal housing built of steel plate duly folded and welded, ceramic work and coating forming the interior part of the furnace. Built with isolating material and low density refractory bricks to reduce at the most their thermal mass.

Electric heating through resistances attached to the side walls and the bottom of the chamber.

The resistances are built with Kanthal thread rolled in a spiral way and calculated with a low surface load to guarantee their long life.

Metal or muffle chamber built with a thick plate of special steel and completely tight to introduce any type of protecting atmosphere.

At the door entry there is an ammonia gas curtain to avoid the air entry into the muffle, which would cause decarburization oxidation of the parts.

Water tank for cooling built of mild steel plate duly folded and welded. Equipped with reinforcements to avoid deformation. Inside the water tank there is a material collection tray which moves manually in a horizontal way.

WATER-JACKET. Cooling off chamber designed to eliminate the condensed water steams avoiding oxidation of the treated parts.

The situation of the cooling chamber and tank is at the back and in a static way, beginning the parts with a tray inside and deep into the furnace until they slide and load in the water tank.

Generating equipment of protecting atmosphere through incorporated ammonia dissociator.

Manufactured according to CEE standards.

General safety switch.

General safety contactor.

Homogeneity: $\pm 5\%$ Stability: $\pm 2^{\circ}\text{C}$

CONTROL BOX

Control box placed in the medium front area of the furnace composed by digital pyrometers, alarm, programming clock, warning clock, switches, lights and flowmeter.

MODEL	Dimensions in mm.						Volume dm ³	PoWER kw	Voltage	Maximum Temperature
	Interior Dimensions			Exterior Dimensions						
	HEIGH	WIDTH	DEPTH	HEIGH	WIDTH	DEPTH				
ATF 1	120	200	350	1400	800	1350	8	8 (6+2)	220/380 v. III	1150
ATF 2	140	300	500	1400	900	1600	21	10 (8+2)	220/380 v. III	1150
ATF 3	250	400	500	1400	1100	1800	50	15 (13+2)	220/380 v. III	1150

- Customised furnaces by request
- Reserved the right to change technical specifications