



Lo Batch Series

Tempering batch furnaces

Main Features:

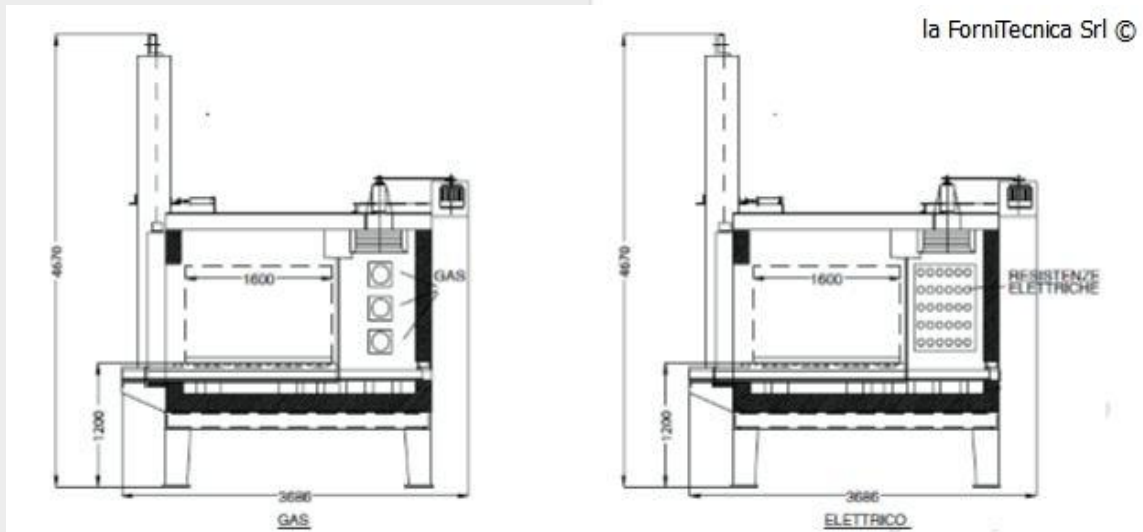
- Flexibility
- Available in electric or gas version
- Powerful and uniform atmosphere circulation
- High efficiency
- Fast treatment
- Allows use of many different tray types
- Reliable
- Both heating and cooling system

General Purpose:

- Annealing
- Drawing
- Heating
- Tempering
- Nitrogen Treatments



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Lo-Batch furnaces can be either electrically or by gas and can operate up to 600 °C, they work by convection with the heating area placed behind the furnace.

During operation, all the circulating flow is forced to impinge on the electric or gas heating elements, while high throughput circulation fans insure uniformity of temperature.

The furnace is designed for treatments in a range of 100 to 600 °C.

Thermal cycles are automatically managed by an electronic regulator.

When the door is completely opened, it is kept in its position by a security blocking system. At each door opening, both the heating system and the circulating fans are blocked.

A loading plane inside the furnace provides distribution of the pieces to be treated

The furnace is heated by a group of cromax resistors placed horizontally within the side walls, near the back of the furnace, according to the typical La ForniTecnica design for convection furnaces.

The Temperature is controlled through an ERO regulator (or equivalent), the thermal cycle is completely automatic and the control panel is on the side of the furnace, it contains all the control devices for temperatura and power distribution, the SCR groups and the 24Vdc power supply for auxiliary circuits.

Model	Chamber Size	Outer Dimension	Max. Temperature (°C)	Temp. Uniformity	Heating	Power (KW)	Supply Voltage	Temp. Control
LB-1	420x610x400	810x1710x1710	350/760	±5 °C	Electrical	9	220	ERO
LB-2	520x610x800	910x1710x2137	350/760	±5 °C	Electrical/gas	18	380	ERO
LB-3	762x1220x720	110x2600x2047	350/760	±5 °C	Electrical/gas	30	380	ERO
LB-4	915x1220x762	1987x2900x4305	350/760	±5 °C	Electrical/gas	90	380	ERO o PLC
LB-5	1000x1600x1000	2525x3686x4670	350/760	±5 °C	Electrical/gas	220	380	ERO o PLC

La ForniTecnica S.r.l.

Uffici Amministrativi e Produzione: Via Giampietro Lucini, 21 20125 Milano Italy

Tel. +39 02 84568277 - Fax: +39 02 84571230-

E-Mail: admin@lafornitecnica.it

Sede Legale: Via Giampietro Lucini, 21 20125 Milano Italy - Capitale sociale Euro 10.500,00 i.v.

Registro Imprese di Milano n. 07487100963 - Codice fiscale 07487100963 - R.E.A. di Milano n. 1961990 - Partita IVA 07487100963