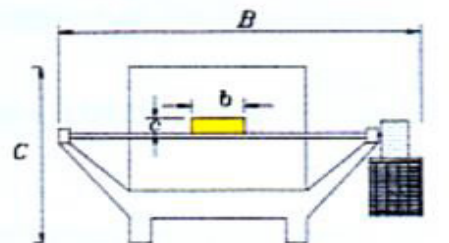
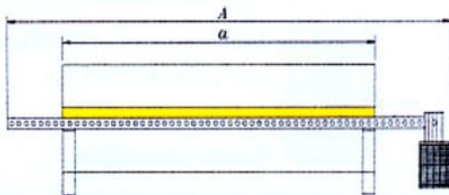



LRK 25


ELECTRICAL ROLLER KILN

TECHNICAL SPECIFICATIONS

The kiln consists of a sturdy steel structure, which encloses the thermal insulation, consisting of low density refractory bricks and preformed ceramic fibre sheets, highly resistant to high temperature and thermal shock. The kiln has several zones with different characteristics:

- Entrance and smoke evacuation zone
- Preheating zone
- Firing zone
- Cooling zone

MATERIAL TRANSPORT SYSTEM

The transport of the tiles in the kiln takes place by means of ceramic rollers, which are rotated by means of a pinion-chain system with variable speed. The drive system makes it possible to exchange the rollers in a very short time.

COMBUSTION SYSTEM

The combustion system consists of electrical heating elements in Kanthal in spiral form, supported by ceramic tubes and easily exchangeable.

The heating elements in the firing zone are made of silicium carbide, enabling these models to work at a max. temperature of 1.330°C. Each zone provided with heating elements (preheating and firing zones) is controlled by a self-regulating potentiometric pyrometer, which controls the static units.

In the firing zone of the kiln, the upper and the lower part can be separately controlled. The control panel consists of a steel sheet encasing, containing all equipment needed to control the kiln, such as:

- Main switch
- Motor safety switches
- Fuses
- Push buttons on/off
- Signal lights
- Electrical circuits for the start-up and control of the various devices of the kiln
- 1 Pyrometer for each controlled zone
- Static units

TECHNICAL CHARACTERISTICS

Code	Mod.	Temp. °C	a mm	b mm	c mm	External Dimensions	KW	Ø Roller mm.	Distance roller mm	V.+N	Controlled Zone	Visualized zones	Weight Kg.
GT2470	LRK 10	1330	1000	150	30	1670x1000x750 mm	5	20	38,1	230	2	2	202
GT2471	LRK 15	1330	1585	250	40	2320x1090x1525 mm	9	20	38,1	400	3	4	330
GT2472	LRK 20	1330	2200	250	40	3400x1100x1550 mm	16	20	38,1	400	4	4	548
GT2473	LRK 25	1330	2500	350	40	3830x1200x1570 mm	18	20	38,1	400	5	5	700
GT2474	LRK 30	1330	3600	380	40	4650x1185x1430 mm	35	20	38,1	400	6	6	980
GT2326	LRK 45	1330	4500	380	40	6085x1185x1540 mm	35	20	38,1	400	7	7	1230