

LUCIFER FURNACES

Manufacturer of Industrial Heat Treating Furnaces and Ovens



Series EL 5000 - General Purpose Elevator Furnaces



Heavy duty elevator furnaces rated for 1850°F to 2200°F operation. Ideal for large loads and production type requirements. Chambers are lined with firebrick and coil heating elements located on all four side walls for uniform heat. A hydraulic system provides a smooth controlled lift of the work bed. The chamber opening is corbelled providing a positive seal with bed insulation. All models are completely wired to N.E.C., assembled, test fired and shipped ready for connection to main power and atmosphere supply.

EL 5000 GT models are available for use with inert atmosphere. GT models are designed with a continuously welded furnace shell, gasketed door assembly, and atmosphere inlet and outlet ports for operation with a positive flow of higher atmosphere rates. These models are best suited for constant operation to maintain a dry refractory environment in the work area to minimize oxidation on workloads.

Standard Features

- Hydraulic elevator lift with pushbutton control.
- Easy-to-replace low watt density heating elements mounted on all sides for uniform heating.
- Multi-layer lightweight insulating firebrick and mineral wool block.
- Corbelled insulated work bed minimizes heat loss.
- Angle iron construction with heavy-gauge sheet steel facing.
- Digital temperature controller.

Model Specifications



MODEL	CHAMBER			OVERALL			KW	VOLTAGE	WEIGHT (LBS.)	MAX LOAD (LBS.)
	H"	W"	L"	H"	W"	L"				
EL5-181818	18	18	18	72	40	51	27	230/460/3	1815	170
EL5-241818	24	18	18	87	40	51	36	230/460/3	2255	225
EL5-242424	24	24	24	87	45	57	51	230/460/3	2585	400
EL5-362424	36	24	24	114	45	57	63	230/460/3	3845	600
EL5-482424	48	24	24	140	45	57	81	230/460/3	4970	800
EL5-363636	36	36	36	114	58	70	99	230/460/3	4640	1350
EL5-483636	48	36	36	140	58	70	126	230/460/3	5850	1800

Options: Roll-away work bed on casters, spare work bed, ceramic fiber insulation, flow meters, recorders, computer control systems.

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