

SPECIALISTS IN INDUSTRIAL HEAT TREATMENT



Econax

Compact burn-out system with condenser

Econax is a compact burn-out system ideal for small and mid-sized repair shops.

The burn-out takes place in a closed system consisting of oven chamber and condenser.

The design ensures easy installation and uncomplicated every day use.

A simple, reliable and economical solution from Fornax.

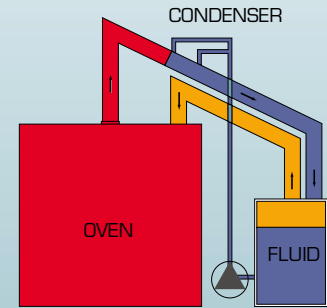


Econax is a compact burn-out system suitable for cleaning of stators, jigs, fixtures and other components containing organic material. The cleaning takes place in a closed system. Consequently no chimney is needed, thus making Econax easy to install and the system has no impact on the environment. Both the working environment and the external environment are improved when using Fornax Econax. The cleaning of the air from the oven chamber takes place at low temperatures in the condenser, which makes the system economical in use.

Econox is built over a light yet strong structure of steel profiles with 150 mm of mineral wool between the external and internal steel linings ensuring optimal thermal insulation. The oven chamber is heated to the required temperature by means of electricity. The organic substances will convert into gas and the air is led from the oven chamber to the condenser where it is cleaned before it is led back to the oven chamber. During the process the atmosphere in the oven is virtually oxygen-free, thereby eliminating the risk of fire or explosion. Additionally, the cleaning system also enables

the oven to be used for curing of varnish and resin. The condenser cleans the air with a liquid, which will catch the organic substances. Over time the liquid will be saturated with particles and must be renewed, typically after approximately 600 hours of operation. The liquid must be disposed of according to the local regulations for the disposal of chemical waste.

The burn-out process is controlled by a temperature controller. A circulation fan ensures a uniform temperature distribution within the oven chamber thus avoiding hot spots in the stators. The circulation fan also transports the air from the oven chamber to the condenser and back to the oven chamber. The safety systems of the oven will cut off the heating if the amount of liquid in the system is insufficient or if a pre-set maximum temperature is exceeded. Loading and unloading of the oven is easy whether it is done manually, by fork-lift truck or by crane. To facilitate this operation the oven is supplied with a trolley on rails, which are folded into the oven during operation.



Econox is CE-labelled and comes with full technical documentation.

For more than 35 years Fornax A/S has specialized in systems and equipment for industrial heat treatment. Fornax supplies ovens to a wide range of industries and reliability is always top priority. In addition to a wide range of standard products solutions to the specifications of the individual customer can be and are often supplied.

Technical Data

Type	Internal Dimensions (W x H x D)	External Dimensions (W x H x D)	kW	Amps	Max Load
1200	1,000 x 1,000 x 1,200 mm	2,400 x 2,250 x 1,600 mm	24	39	1,300 kg
3000	1,200 x 1,200 x 2,000 mm	2,800 x 2,530 x 2,400 mm	36	58	2,000 kg
6000	1,800 x 1,800 x 1,800 mm	3,400 x 2,700 x 2,200 mm	36	58	2,500 kg

Current 3 x 400 V + Pe

Consumption Approximately 10 kWh per hour for a cycle time of 10 hours