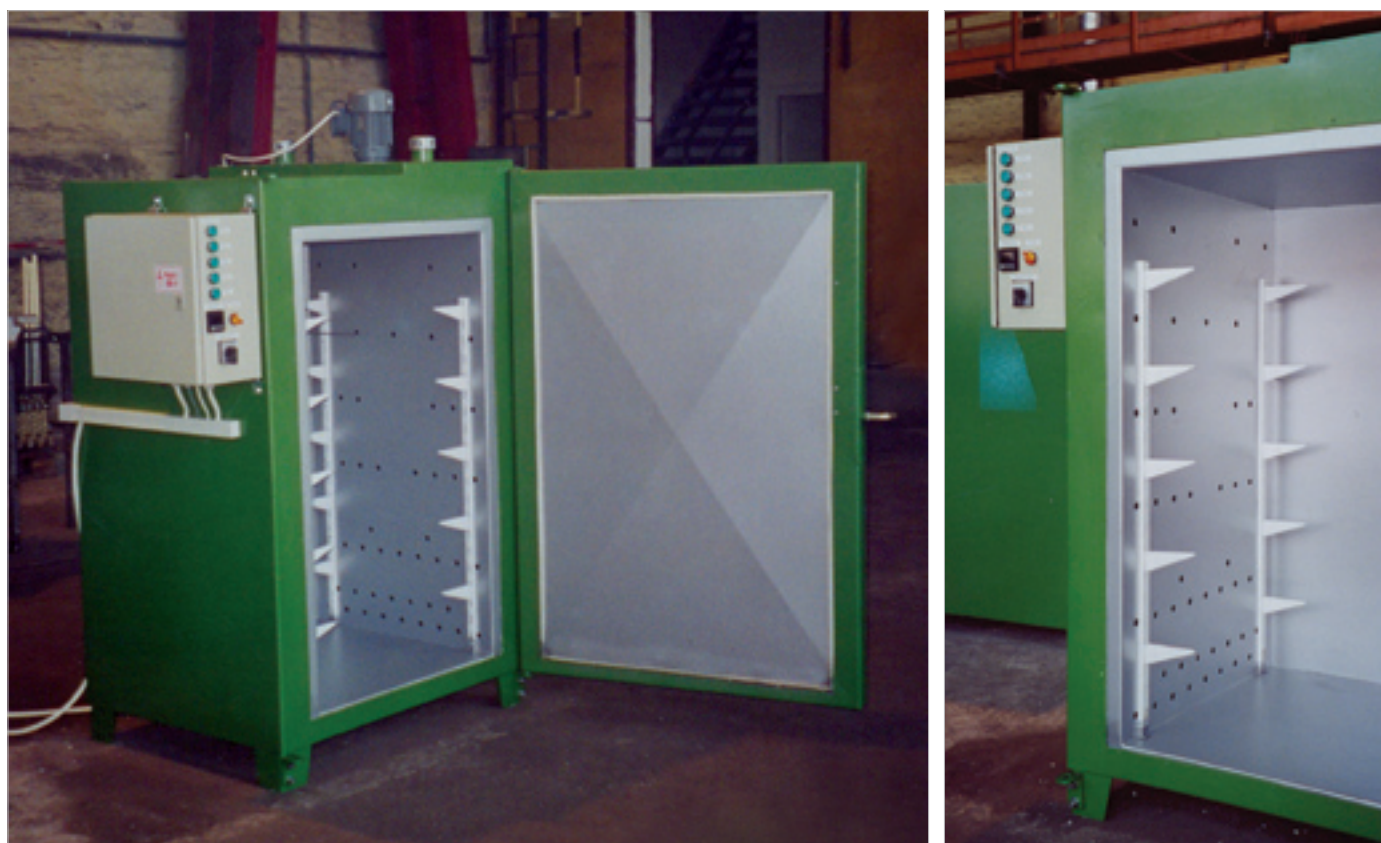


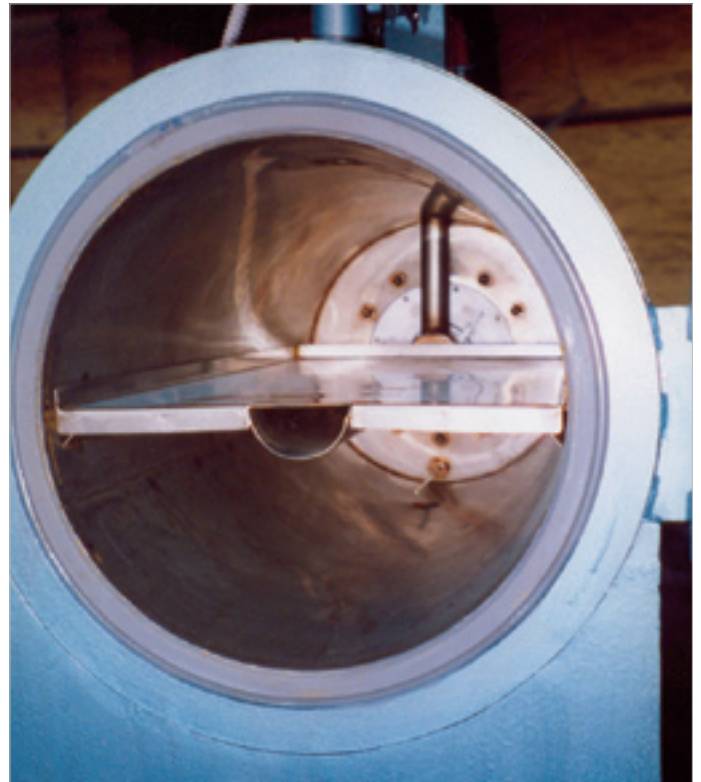
DRYING AND CROSS-LINKAGE OVEN



FEATURES OF THE APPLIANCE IN THE PHOTO

Heating Method:	electric resistance heating
Power:	6 kW
Chamber Dimensions (mm):	800x1200x800
Max. Operating Temperature:	120 °C
Temperature Accuracy in an Oven Chamber:	± 1 °C
Batch Weight:	20 kg
Thermal Insulation:	90 kg/m ³ rock wool
Controls:	PLC and solid state relays, OMRON temperature control
Application:	mainly drying parts for the electrical industry

DRYING AND CROSS-LINKAGE OVEN



Description:	This oven is similar in design to box ovens with direct electrical heating, the differences being a much lower operating temperature and much more stringent temperature accuracy requirements. An oven is normally categorised as a drying oven (drying stove) up to a temperature of 150°C. A powerful fan is used to force air in and out and to ensure air circulation for even heat distribution. A vacuum application is also possible to remove gas pockets from synthetic resin. First, a vacuum is created without the fan operating, which is then followed by air being let in and convective heating.
Applications:	Drying, curing of, and promoting, cross linkage of the resin filler in synthetic resin-bonded bobbins that are used in the electrical industry (power supply units, transformers, motor rotors, etc.)
Buying Criteria:	Drying and cross bonding temperature and heat requirements, temperature accuracy requirement, other process parameters (heating-up time, airflow rate, etc.)