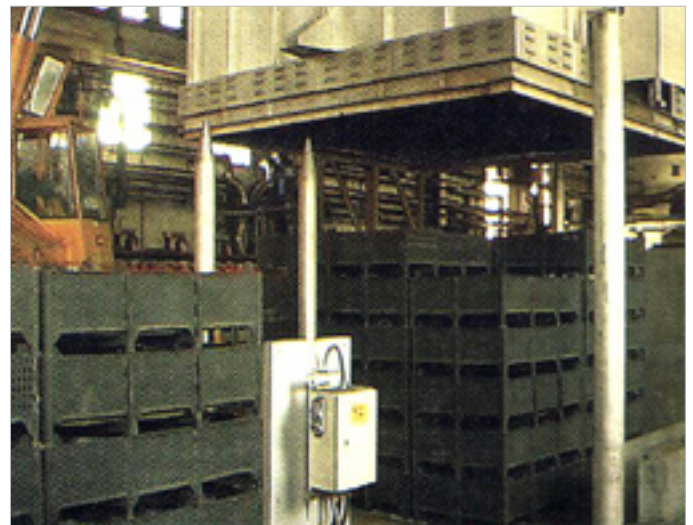


TOP HAT FURNACE



FEATURES OF THE APPLIANCE IN THE PHOTO

Heating Method:	electric resistance heating
Voltage:	3 x 400 V, 50 Hz
Power:	400 kW
Chamber Dimensions (mm):	3000 x 3000 x 2500
Max. Operating Temperature:	900 °C
Batch Weight:	20.000 kg
Thermal Insulation:	ceramic fibres
Controls:	PLC, industrial PC, with comprehensive data logging
Heat Treatment Process:	high-accuracy annealing of bearing rings (without a protective atmosphere)
Description:	This is a directly heated heat-treating furnace that is designed for intermittent operation and with a rectangular chamber and floor-level loading. The elevator platforming top hat has ceramic fibre insulation and is fitted with electric resistance heating and a very powerful circulation and cooling fan for ensuring even heat transfer to the charge. Products to be heat-treated are placed in a basket before being put in the hearth by means of an overhead crane. When the loading is complete, the top hat is lowered to enclose the furnace space. After the heat treatment process, the top hat is raised and the batch is removed.
Applications:	Annealing and normalisation of the products of various sizes mass-produced by the iron and steel industry
Buying Criteria:	Dimensions, quantities and weight of products, the required heat treatment process and its target parameters