

ELECTRIC HOLDING FURNACE



The Electric Holding Furnace Model ELH-500S have been especially designed for stationary holding in die-casting, with bale-out by robot. As there is a drop in the pouring temperature during transit time between the Central Melting Furnace to the Electric Holding Furnace, we have designed the ELH-500S with 50% extra heating power to enable rapid heat up of aluminium to the required ladling temperature. The bath chamber of the furnace is lined with long-lasting refractory castable of the highest grade. The multi-layered back-up insulation allows very low electrical rating to keep the melt warm. The furnace chamber is divided into three interconnected sections. The center section is heated with elements mounted in the lid. The ladle openings are dimensioned for optimum access by robot for bale-out. Properly used in holding mode, it can provide for a higher energy efficiency than bale-out furnaces.



- Maximum furnace chamber temperature of 1000 °C, perfectly suited for holding of aluminum at about 720 °C
- Electric Resistance Coiled heaters mounted in the lid, freely radiating from special alumina tubes
- Particularly low energy consumption due to generously dimensioned, multi-layer insulation
- High melt quality due to very low corundum formation on the surface
- Heating switched by thyristors
- Temperature control with measurement in the melt and overtemperature sensor in the furnace chamber to ensure long heater life

Model	Holding Cap. (kg)	Size of well opening (mm)	Depth of Dipout Well (mm)	Dimension W x L X H (mm)
ELH - 400	400	370 x 370	300	1140 x 1560 x 1195
ELH - 500	500	370 x 370	300	1260 x 1710 x 1230
ELH - 700	700	370 x 370	300	1430 x 2155 x 1230
ELH - 800	800	370 x 370	300	1460 x 2310 x 1230

UQ Industries Sdn Bhd (897818-A)
No.9, Jalan TPP 5/13,
Taman Perindustrian Puchong, 47100 Puchong,
Selangor Darul Ehsan
Tel : +603-80623686 Fax : +603-80623680
E-mail : sales@cmtsproduct.com URL : www.cmtsproduct.com

