

## ALUMINIUM MELTING AND HOLDING FURNACE - MH TYPE



This Melting and Holding Furnace is designed for continuous operation and is suitable for aluminium die casting and aluminium casting industries.

Equipped with "Super Low Speed Luminous Flame Burners", it performs better than conventional furnaces by offering good temperature uniformity of molten metal coupled with excellent energy savings.

Some of the remarkable features of this furnace include:-

- Superior Aluminium Melt Quality
- Choice of Fuels
- Low Noise Pollution
- Low Maintenance Cost
- Good Temperature Control
- Ease of Cleaning

### MH Model Furnace Specification

Type	Melt Rate (kg/hr)	Holding Cap. (kg)	Melt Burner Cap. (Kcal/hr)	Hold Burner Cap. (Kcal/hr)
MH-50	50	300	50,000	50,000
MH-100	100	400	80,000	80,000
MH-150	150	500	80,000	80,000
MH-200	200	650	120,000	80,000
MH-300	300	1050	150,000	120,000
MH-400	400	1150	200,000	150,000

## CENTRAL MELTER FURNACE - CM TYPE



This furnace is built specially for aluminium casting and aluminium die casting, this furnace is capable of producing very high quality melts. The furnace comprises a preheating chamber, a holding chamber and an automatic material charging machine (skip elevator). Its compact design not only saves space and energy, it is also safe to operate too.

The temperature of the molten metal can be regulated and a level indicator/probe allows the surface level of the molten metal to be monitored. For handling convenience, an optional automatic conveyor driven dispenser can be incorporated to transport molten metal from the Furnace Holding Chamber to individual Holding Pots located elsewhere.

Some of the remarkable features of this furnace include:-

- Superior Aluminium Melt Quality
- Calm Surface of Molten Metal and Low Oxidation Losses
- Low Noise Pollution
- Ease of Cleaning
- Low Maintenance Cost
- Low Energy Cost
- Choice of Fuels

### CM Model Furnace Specification

Type	Melt Rate (kg/hr)	Holding Cap. (kg)	Melt Burner Cap. (Kcal/hr)	Hold Burner Cap. (Kcal/hr)
CM-500	500	1,300	400,000	200,000
CM-700	700	1,600	500,000	200,000
CM-1000	1,000	2,000	600,000	200,000
CM-1500	1,500	3,000	900,000	300,000
CM-2000	2,000	4,000	1,200,000	400,000
CM-2500	2,500	5,000	1,500,000	500,000

Note : Besides standard models, we also offer customized systems to fit customer's specific needs.

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