

Crucible Aluminum Melting Furnace

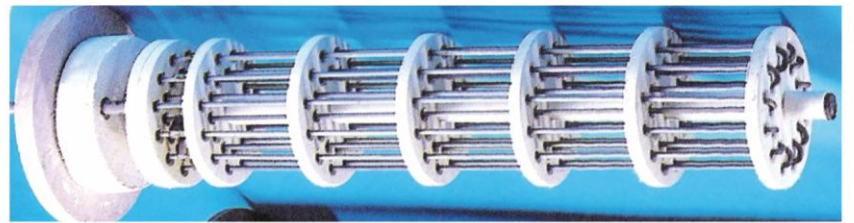
Stationery

- These furnaces provide low energy costs and superior technology
- Precise Temperature control for melting of Aluminium and non ferrous metals
- Gas fired melting furnaces are ideal for Al melting to avoid hydrogen pick up.
- Furnace also available in vertical heating element type
- Door is provided to minimize the heat loss



▲ Crucible Furnace with Top closing lid to reduce the heat losses.

Top inserted KANTHAL ► heating element



▲ Horizontal Heating elements



▲ AFECO Furnaces serving the Aluminum Die Casting Industries.

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Tilting Type

Electrical and Gas Fired Heat source is available

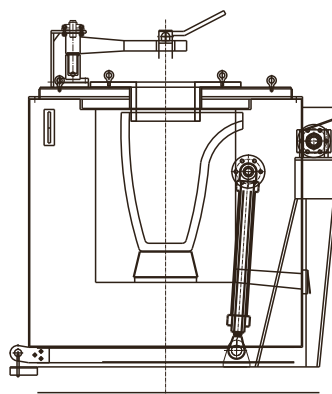
- These type crucible furnaces are excellent for melting and pouring directly into the transfer ladles
- Very economical as compared to induction melting furnace.
- It is available in cubical shell shape and round shape of the furnace.
- The furnace is tilted by the hydraulic/ motorized/Geared mechanism.
- Furnaces are available in different capacity and can be customized as per clients specifications upto 1000 Kg crucible.
- The furnace is used extensively in PDC & GDC Aluminium foundry for melting and holding application.
- The electrical power consumption is only 0.45 unit /Kg of Aluminum molten metal.
- LPG Gas consumption is 0.1 Kg per Kg of Aluminum molten metal.



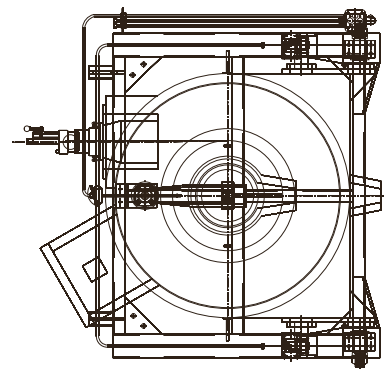
▲ Electrical Crucible Furnace with hydraulic tilting furnace



▲ Electrical Crucible Furnace with hydraulic tilting furnace



FRONT VIEW



TOP VIEW

▲ Gas fired Crucible Furnace with hydraulic tilting.



Mfr.: Industrial Ovens, Furnaces
& Aluminum Scrap Recycling Plant

F-23, M.I.D.C., Gokul Shirgoan, Kolhapur - 416 234. Maharashtra (India)
T +91-231-2672620 F +91-231-2672461 M 09822056316, 09371634909
E sales@afecoheating.com W www.afecoheating.com

Our Authorised Representatives :

Mr. Umesh Killedar, Ahmedabad. Cell : 9374019520
Mr. Swapnil Wyavhare, Pune. Cell : 9850983351