

Incastt Machines

Mfrs: Investment Casting Foundry Machines.

Equipment Name & Model No. : SHELL FIRING FURNACE :- SFF - OB

Application: After de-waxing, the ceramic shells have to be fired or sintered. This gives the shell its 'fired strength'. Only after sintering can metal be poured into these hot shells. The SFF – OB is used for sintering or firing of the shells.

Specifications and Salient Features:

Type	:	Batch type oil fired.
Overall size	:	2400 wide X 2000 Ht. X 1750deep
MOC	:	Furnace structure is of MS construction.
Insulation	:	Ceramic Fiber “Saber block” Insulation on all sides.
Hearth	:	900 mm X 1000 mm, Built of Fire Bricks to give long life.
Hot Volume	:	900mm (D) x 1000mm (W) x 600mm(H).
Capacity	:	9 to 12 shells per batch (depending on shell size)
Burner	:	Fully automatic modular burner, with inbuilt fuel pump, blower, Ignition transformer & electrodes, Ignition sensing Photocell and Electronic sequence controller for burner operation.
Fuel	:	HSD
Fuel Consumption	:	8 - 10 Kg/h.
Control	:	Digital temperature indicator controller and suitable control panel
Temp. Accuracy	:	+ / - 5 deg C.
Max. Temp.	:	1000 deg C.
Power supply	:	500 W, 230 V, 1 phase, A C.
Door	:	vertical swing - arm door is provided for smooth and quick operation. Swing down or swing up door is provided as per requirement.

