

Compact Power Cube Furnace

Compact Power Cube furnaces are designed for precision casting or small batch casting. They are available for a melt capacity of 5 to 50 lb of steel. Their construction is durable and simple.

Features

- Up to 50lbs steel capacity
- Ideal for all small melting applications such as steel, non-ferrous and precious metals using ceramic, clay graphite, or silicon carbide crucibles
- Can be constructed for one or two-man pouring
- For one-man pouring, the compact box furnace is mounted onto a steel frame and is tilted by attaching a handheld tilt bar
- The frame can also be fitted with a hydraulic cylinder and a pneumatic air-over-oil assist for easier tilting and more control
- For two-man pouring, the compact box furnace rests on a sturdy table and is equipped with shank handles for pouring into stationary molds
- The heavy-duty, high conductivity coil is custom designed to match most existing power supplies
- Direct power lead connection eliminates problems with terminal clamps

(A)



(A) One-Man Manual Tilt

This furnace is mounted on a heavy duty steel frame. It is equipped for one-man pouring with the pivot point near the center of the furnace for easy tilting.

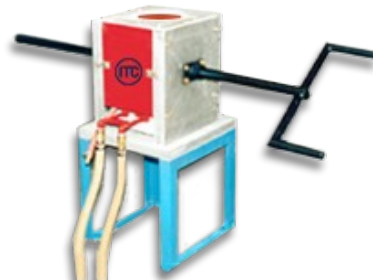
(B)



(B) One-Man Nose Tilt with Pneumatic Assist

The furnace is mounted on a heavy-duty steel frame and is equipped for one-man pouring. The furnace has a pivot point near the nose of the furnace for accurate pouring. This furnace includes an air-over-oil hydraulic cylinder for easy tilt assistance.

(C)



(C) Two-Man Shank Pour with Table

Furnace is mounted on heavy duty steel frame table and is designed for two-man pouring into stationary molds. Flexible water-cooled power cables allow movement from table to mold with power "on" to eliminate loss of temperature.

Contact Us

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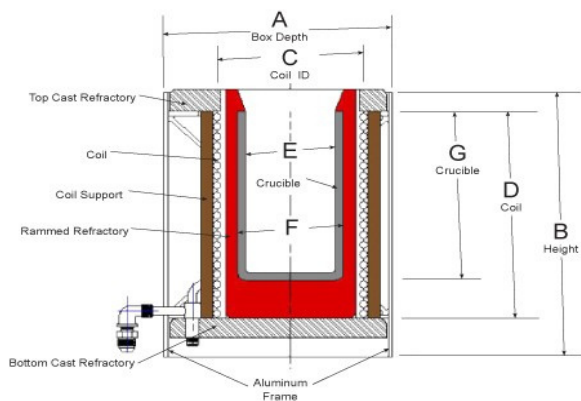


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Compact Power Cube Furnace

Compact Power Cube Furnace Diagram



Specifications

Compact Power Cube Furnace					
Furnace Capacity (steel)	5 lbs 2.26 kg	12 lbs 5.44 kg	17 lbs 7.71 kg	30 lbs 13.60 kg	50 lbs 22.68 kg
Furnace Capacity cubic inches (cubic centimeters)	32 (542.39)	62 (1015.99)	82 (1343.74)	176 (2884.12)	238 (3900.12)
A	12¼	12¼	12¼	12¼	13¼
B	14½	14½	14½	14½	17¼
C	4½	5½	5¾	7 1/8	8½
D	10¾	10¾	10¾	10¾	13½
E	2¾	3½	3¾	5	5½
F	3 3/8	4¼	4½	5¾	6½
G	6	7	8	9½	11
Box Width	12¾ (32.39 cm)	12¾ (32.39 cm)	12¾ (32.39 cm)	12¾ (32.39 cm)	13½ (34.29 cm)
Approx. Weight of Furnace	75 lbs 34 kg	80 lbs 36 kg	80 lbs 36 kg	85 lbs 39 kg	102 lbs 46 kg

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