

# Compact Power Cube Furnace

(A)



(A) 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 the pivot point near the nose of the furnace for accurate pouring. This furnace includes an air-over-oil hydraulic cylinder for easy tilt assistance.

(B)



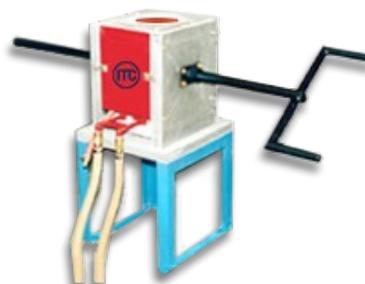
(B) One-Man Manual Tilt

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.

## 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

(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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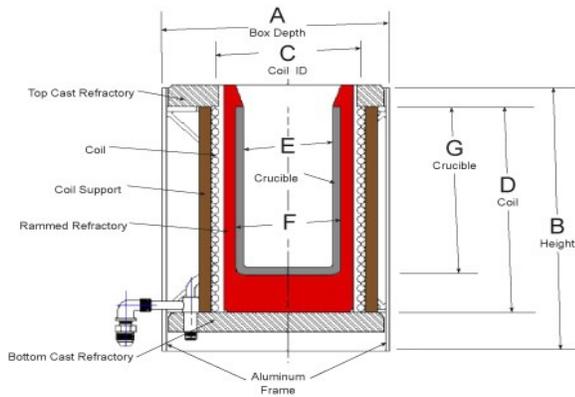
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## Compact Power Cube Furnace Diagram



## Specifications

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

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