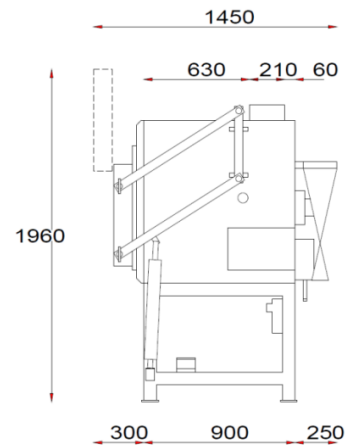
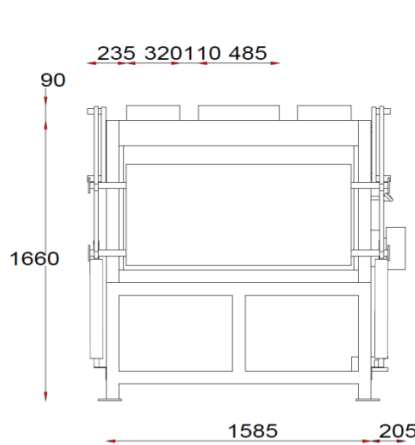


# Fusion Furnace Model 50PF



## Key Benefits

- Takes 50 x 50 or 65gram, or 84 x 30g, 40g, or 55gram Crucibles at one time.
- Easy to maintain and operate.
- Compatible with "Multi-pour" loading / unloading system
- Built to Industry Standards

## Technical Specifications

### Construction

- Cabinet is 5 mm steel sheet, mounted on a stand fabricated from 64 x 64 x 2.6mm R.H.S. and finished in Hammerfin Blue enamel.

### Refractory Lining

- Hot face of 70% alumina fire-brick backed with insulating fire-brick.

### Internal Dimensions

- 400mm high x 1200mm wide x 680mm deep.

### Burner Equipment and Ratings

- LPG - 2 x 40mm long pattern inspirator with flame retention nozzle. 540 mj/hr @ 140 kpa.

### Electrical Requirements

- The furnace is fitted with a 10 AMP single phase cord and plug top. Electrical load: 5 Amps.

- Natural Gas - Furnace Industries NG2 Burner package. 540mj/hr @ 3 kpa.
- Distillate - Furnace Industries OIL2 Burner package. 540mj/hr.

### Flame Supervision

- LPG - Landis & Gyr LME 44 flame controller and U.V. cell
- Nat. Gas & Distillate - Landis & Gyr LFL1.635 and LFE10 Flame Controller.

### Temperature Control

- Electronic, Automatic control 1200°C, type "K" Thermocouple

### Door Operation

- Pneumatic rising. Operated by foot control

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