

# Glass Kilns



**Furnace Technologies Glass Kilns** can be used for fusing, bending and slumping. They consist of an unheated floor or base and a heated top hat. While the furnace can achieve 1250°C, it has been limited to 1000°C via internal protection.

Heating from the top hat is accomplished using heating elements on ceramic tubes. The main control thermocouple is adjustable in height with the over temperature protection thermocouple is fixed. The insulation consists of fibre material with special fastenings.

Lightweight refractory bricks on the table provide for a level stack charging surface. Gas stays and a counterweight opening system on the top hat ensures two handed operation. Exhaust vents in the top hat allow for accelerated and controlled cooling.



	Features			
Features	Solid construction Easy operation Choice of controller options Adjustable ventilation Audible alarms to signal time and temperature events			
Additional Equipment	Kiln shelf systems Fibre and resign systems Moulding systems Automatic exhaust air flaps—activated via the furnace controls to allow for faster cooling Controlled fan cooling with automatic exhaust air flaps for forced cooling stage or event alarms			
	GS450	GS600	GS1000	GS1500
Ext. Width	800	950	950	1000
Ext. Length	800	1150	1400	1500
Ext. Height	1200	1200	1200	1200
Int. Width	450	600	600	700
Int. Length	450	600	1000	1200
Int. Height	300	300	300	300

Options			
Detail	Standard	Option A	Option B
Metal Shell	PGI	Stainless Steel	Acid Resistant
Thermocouples	K	R	S
Roof Style	Flat	Fibre	Brick
Hinge	Flap Back	Vertical Lift	Trolley
Over Temperature Protection	No	Control TC	-
Control	Shut Down	Single Stage	Multi Stage Programmable
Ventilation 30mm	3x3 side entry	2x2x2	Powered