

Castle kilns Ltd

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“STUDIO RANGE”

Equally at home in a studio or industrial environment, the *Studio* range of electric kilns is a cost effective firing solution.

Available in two configurations -

Studio STL Top Loading models are capable of firing up to 1300 °C.

Studio SFL Front Loading models are capable of firing up to 900 or 1300 °C.

Both versions provide excellent temperature control for a variety of products and available with a wide choice of *plug in* temperature controllers to suit individual requirements.



Superior heating element design and thermally efficient linings are standard throughout the range. All linings are designed in-house with heat losses calculated using the latest temperature gradient software.

Safety being paramount, all *Studio* kilns are fitted electromechanical door safety locks.

Styled using high gloss enamel mild steel and polished stainless steel all *Studio* kilns come complete ready for electrical connection. A dedicated delivery and installation service is also available with full operational training by a fully qualified Installation and Service Engineer.

For all aspects and advice concerning the *Studio* range please consult our team of qualified process and ceramic engineers who are always on hand to assist with your enquiry, from choice of size and specification through to final installation and commissioning.

TYPICAL APPLICATIONS

Earthenware
Stoneware
China
Bone China
Porcelain
Sanitary ware
Ceramic Tiles
Technical Ceramics
Jewellery
Enamelling
Glass Slumping
Glass Tile decoration.
Decoration work
Ferrite's
Sintering
Substrates
Teflon coating
Annealing
Pre Welding Conditioning
Pre Press Work
Pre Cast Condition
Metal Heat Treatment
Calcination
Grinding Media
Curing / Conditioning
Wax Burnout
Medical Waste Incineration
Inert Gas Injection
Special applications

TYPICAL USERS

Potters
Ceramists
Colleges
Universities
Laboratories
Research
Industrial
Electronics
Defence
Aerospace

ACCESSORIES & OPTIONS

Refractory Furniture Sets.
Packing & Delivery Service
Installation and training
Build on Site Service
Multi zone temperature control.
Special element design.
Spares & Repairs.
Non-standard sizes.
Special application design service.

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STUDIO 'STL' TOP LOADING ELECTRIC KILNS MAX. TEMPERATURE 1300 °C

Kiln Ref STL	Capacity Litres/Cu. Ft	Internal Dimensions Diameter / High mm/inches	External Dimensions Wide x Deep x High mm/inches	Approx. Weight Kg/lbs	Power kW	Supply (amps) 220/240 380/415	
No. 7	75 2.65	457 dia x 457 mm 18" dia x 18"	660 x 736 x 686 mm 26" x 29" x 27"	70 155	5.5	30/30A	--
No. 11	112.5 3.98	457 dia x 686 mm 18" dia x 27"	660 x 736 x 915 mm 26" x 29" x 36"	65 143	7	40/30A	20A
No. 15	151 5.32	648 dia x 457 mm 25.5" dia x 18"	876 x 940 x 686 mm 34.5" x 37" x 27"	80 176	9	40/30A	20A
No. 22	226 7.98	648 dia x 686 mm 25.5" dia x 27"	876 x 940 x 915 mm 34.5" x 37" x 36"	95 210	11.25	60/60A	20A

STUDIO 'SFL' FRONT LOADING ELECTRIC KILNS

No. 11	11.8 0.41	204 x 229 x 254 mm 8" x 9" x 10"	406 x 610 x 648 mm 16" x 24" x 25½"	48 106	3	16A	13A
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STUDIO 'STL' TOP LOADING ELECTRIC KILNS FURNITURE DETAILS

Kiln Ref STL	No of Shelves	Batts per Set	Batt Dimensions mm / inches	Prop Length / Quantities per Set			
				25 mm	38 mm	100 mm	
No. 7	3	3	420 mm dia x 19 thk 16.5" dia x ¾" thk	10	14		
No. 11	4	4	420 mm dia x 19 thk 16.5" dia x ¾" thk	26	26		
No. 15	4	4	580 mm ½ round x 19 thk 23" dia x ¾" thk	34	34		
No. 22	4	4	580 mm ½ round x 19 thk 23" x ¾" thk	34	34		