

TOP LOADER RANGE

Cromartie Kilns are designed and made at our Stoke-on-Trent factory. Our top loading kilns are constructed using a highly polished mirror finish stainless steel jacket, rolled top and bottom to increase strength and eliminate sharp edges. Larger models can be supplied with an optional split jacket, where site access is a problem - ask for further details. Inside the jacket is 6mm of backup insulation with a main lining of hand selected fire brick. The brick floor is reinforced by a galvanised steel plate to allow the ware to be well supported and full use of the firing chamber.

Oval models are supplied on rigid stands, circular models are fitted with castors and brakes, which hold the kiln in operational position. (Stand option also available.)

The lid is lined entirely with ceramic fibre, an excellent insulator, and provides an extremely efficient heat seal. The fibre is held positively in place by a stainless steel flange, Cup Lock supports are fitted as required in the larger models. (A brick lid option is also available.)

A vent with a removable plug is provided in the centre of all lids to assist in venting and cooling. A full 90 degree opening of lids is achievable with variable support stays on all models. Oval models are fitted with Gas Struts to assist opening by one person. Within the opening mechanism is a fail-safe system to safeguard against electrical hazard, to Health & Safety At Work Act standards. Lid fasteners are provided with provision for a padlock.

Kanthal A1 spiral electrical elements offering a long service life and rated for regular use to 1300°C are fitted. These give the very best temperature uniformity throughout our kiln range.

All electrical components used carry various test house approvals, making our kilns popular worldwide.

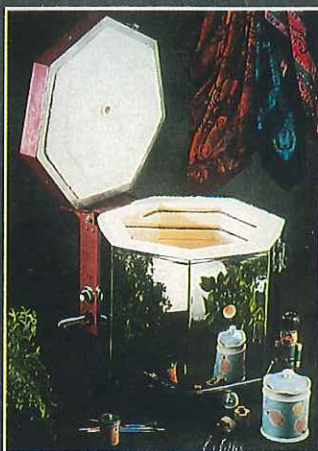
All carry the European CE mark.

All mild steel parts are either galvanised or finished in a very attractive heat resistant anti-corrosive powder coated paint, baked at over 200°C. All other screws, bolts, fixings, etc are stainless steel. Cost effective maintenance is guaranteed with all parts being replaceable.

Kilns suitable for domestic socket connection are supplied with mains cable and plug. Larger models require installation by a competent electrician.



▲ Cluster of Cromartie Top Loaders equipped with brick lid.  
Note: All CTL kilns offer 76mm (3") fire brick.



◀ Hobbytech 40 (H40)

THE HOBBYTECH 40 (H40)

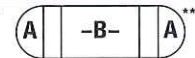
The Cromartie Hobbytech 40 (H40) Top Loading Kiln is now firmly established as one of the most successful kilns of all time with world-wide sales in excess of 40,000 since it's introduction 14 years ago. It is ideal for many uses e.g. Hobby Ceramics, with it's chamber height of 34cm (13.25") will take many of the larger cast pieces. China Painters will appreciate it's generous 38cm (15") diameter which is able to take 30cm (12") plates and cranks. With a top temperature capability of 1260°C - 1300°C on a domestic 220/240 volt socket, the needs of the Porcelain Doll Maker or Stoneware Potter have not been ignored. Whether a first kiln or one to supplement existing equipment, the Hobbytech 40 is a wise choice that won't burn a hole in your pocket.

Features:

- 3kW domestic 220/240v plug in facility
- Kiln Sitter Limit Timer
- 40 Litre 1.4 cu.ft capacity
- High capacity chamber for unit size
- Maximum operating temperature to 1260°/1300°C.
- Complete with furniture set & 25 x assorted stills and bag of ball wash
- Peephole plug and vent plug
- Lid can be padlocked
- Fail-safe switch system in lid
- Fitted with castors and brake

Models & Shape	KILN DETAILS										SET OF FURNITURE				
	Firing Chamber Dimensions			Electrical Power Needs				Overall Dimensions			Circular Batts		Props 1"	Props 1 1/2"	*Firing Cost UK £
	Capacity Cu ft/Litres	Diameter Ins/Cms	Height Ins/Cms	Wt Kg	Single Phase 220v kW	Single Phase 240v	Three Phase 380v-415v	Width Ins/Cms	Depth Ins/Cms	Height Ins/Cms	Quantity Supplied	Diameter	2.5cm	3.7cm	
H20	S	0.75 cu ft 21L	12" 30cm	9" 23cm	36	2.0	10A 10A	18" 47cm	22" 56cm	17" 43cm	1	10 1/2" x 3/4"	6	6	0.56
H40	S	1.4 cu ft 39L	15" 38cm	13 1/2" 34cm	45	3.0	Domestic Socket 16A 13A	23" 58cm	25" 64cm	27 1/2" 68cm	3	13" x 3/4"	18	18	0.84
H 60	R	2.1 cu ft 60L	15 1/2" 40cm	18" 45cm	50	3.0	Domestic Socket 16A 13A	22" 56cm	26" 66cm	28" 71cm	3	14 1/2" x 1/2"	18	18	0.84
CTL 28	S	1.0 cu ft 28L	13" 33cm	13 1/2" 34cm	45	3.0	Domestic Socket 16A 13A	21 1/2" 55cm	25" 64cm	23" 58cm	3	11 1/2" x 1/2"	18	9	0.84
CTL 40	S	1.4 cu ft 39L	13" 33cm	18" 45cm	50	3.0	Domestic Socket 16A 13A	21 1/2" 55cm	25" 64cm	27 1/2" 68cm	3	11 1/2" x 1/2"	18	18	0.84
CTL 60	R	2.1 cu ft 60L	15 1/2" 40cm	18" 45cm	55	4.0	20A 20A	22" 56cm	26" 66cm	28" 71cm	3	14 1/2" x 3/4"	18	18	1.12
CTL 75	R	2.6 cu ft 75L	18" 45cm	18" 45cm	70	5.0	30A 25A 10A	27" 69cm	32" 81cm	27 1/2" 68cm	3	16 1/2" x 3/4"	18	18	1.40
CTL 109	R	3.9 cu ft 109L	18" 45cm	27" 69cm	95	7.0	40A 30A 15A	27" 69cm	32" 81cm	36 1/2" 93cm	4	16 1/2" x 3/4"	24	24	1.96
CTL 120	R	4.3 cu ft 120L	22 1/2" 57cm	18" 45cm	95	7.0	40A 30A 15A	32" 81cm	37" 94cm	27 1/2" 68cm	3	21" x 1/2"	18	18	1.96
CTL 150	R	5.5 cu ft 150L	25 1/2" 65cm	18" 45cm	100	8.5	40A 40A 15A	34" 87cm	40" 102cm	28" 71cm	3	23" x 1/2"	18	18	2.38
CTL 175	R	6.2 cu ft 176L	25 1/2" 65cm	21" 55cm	100	9.0	40A 40A 15A	32" 87cm	40" 102cm	31" 79cm	3	23" x 3/4"	24	24	2.52
CTL 182	R	6.5 cu ft 182L	22 1/2" 57cm	27" 69cm	115	9.0	40A 40A 15A	32" 81cm	37" 94cm	36 1/2" 93cm	4	23" x 3/4"	24	24	2.52
CTL 200	R	8 cu ft 224L	25 1/2" 65cm	27" 69cm	125	10.5	50A 50A 15A	34" 87cm	40" 102cm	37" 94cm	4	23" x 3/4"	24	24	2.94
CTL 224	O	8 cu ft 224L	24x37 1/2" 61x95cm	18" 45cm	200	10.5	50A 50A 15A	44" 112cm	47 1/2" 121cm	33 1/2" 85cm	6A** 3B	21" x 3/4" 53 x 1.9 cm 21" x 13" x 3/4" 53 x 38 x 1.9 cm	36 36	36 36	2.94
CTL 330	O	12 cu ft 330L	24x37 1/2" 61x95cm	27" 69cm	275	14	60A 60A 30A	44" 112cm	47 1/2" 121cm	41 1/2" 105cm	8A** 4B	21" x 3/4" 21" x 13" x 3/4" As above	36 36	36 36	2.94
CTL450	O	16 cu ft 450L	28x42" 72x107cm	27" 69cm	375	17.5	75A 75A 40A	48" 122cm	51 1/2" 131cm	41 1/2" 105cm	8A** 8B	26 1/2" x 3/4" 67 x 1.9 cm 12" x 13" x 3/4" 33 x 38 x 1.9 cm	AS FOR CTOL 330		4.90

Shapes: S = Septagon, R = Round, O = Oval. \*The firing costs are intended only as a guideline and are based on a cycle where the kiln is on 50% power input for 3 hours and full power for 2 hours consecutively, and where electricity consumed is assumed to be priced at 8 pence per unit. The maximum operating temperature on all models is 1300°C (except H60 - 1200°C). Variations & special-to-order Top Loader prices are available upon request.



CONTROLS TO COMPLEMENT

Manual control over temperature rate of climb is provided by one or more energy regulators, the larger models having up to three for Top, Middle and Bottom controls.

Standard models come complete with the highly acclaimed and well proven "Dawson" Kiln Sitter / Limit Timer.

Options are available. Our range of temperature control equipment is varied, from the simplest Soak/Cutoff non-indicating to highly sophisticated Multi-Ramp, Multi-Dwell Digital Microprocessors. Connection of these instruments is made simply by means of a plug and socket arrangement, thereby dispensing with expensive installation charges. See below and ask for our leaflet "Controllers For Kilns".



Controllers - A: Kiln Sitter/Limit Timer, B: Firematic, C: Perfect Fire II/III, D: Safefire 3000.

GUIDELINES FOR CHOOSING A KILN

Check access to proposed kiln site, including door widths, corners, steps, ceiling heights, floor loadings, availability of electrical supply. Domestic mains plug and cable are supplied in all single phase kilns up to 13 amp. All others require installation by a competent electrician. Ensure adequate ventilation. Kiln and controller packages come complete with all necessary fittings and comprehensive operating and maintenance instructions, there are no hidden extras. Comprehensive after sales service, if required.

IF IN DOUBT, ASK OUR TECHNICAL DEPARTMENT FOR ASSISTANCE

**K** THE CROMARTIE GROUP  
...at the centre of ceramics

Cromartie Kilns Limited,  
Park Hall Road, Longton,  
Stoke-on-Trent ST3 5AY,  
Staffordshire, England.  
Telephone (01782) 313947  
Facsimile (01782) 599723

Cromartie Kilns Limited reserves the right to change specifications of kilns and ancillary equipment without prior notice.

