

# CROMARTIE

## top loading kilns range

**power with style  
for professionals  
& hobby ceramists**

### **proudly made in Britain**

The Workhorse range of Top Loading kilns is made in our Stoke-on-Trent factory where we have been manufacturing kilns for sixty years. State of the art materials are used; for example ultra efficient insulation bricks and backup materials, however our kilns are still built using many of the traditional skills associated with the Potteries.

### **top loading kilns**

All our Top Loading kilns were re-designed for the Millennium and under our programme of continued development they have been adapted as we have found ways of improving quality and efficiency. Top Loaders divide into three size categories which all share the following features.

- Laser profiled jackets made from genuine stainless steel 304 grade in a robust .9mm thickness for rigid construction.
- Heating elements made from A1 Kanthal wire, regarded as best throughout the pottery industry.
- Up-rated element specifications using thicker wire for longer element life.
- Lockable castors enabling kilns to be moved freely.
- Ductable Safety Flue allowing fumes to be removed safely from the studio.
- A Basic Furniture Set is included in the price.
- Flolite granular floor material provides super efficient insulation.
- Over-temperature safety cut-off protects the kiln against over-fires.
- Electrical smoothing circuits protect the electronics from power surges.
- High-Fire stoneware capability on all kilns except the plug-in 13amp Hobbytech 45.
- To prevent unauthorised access to the kiln chamber all lids can be padlocked.
- Controllers can be mounted on the kiln or adjoining wall as convenient.
- Graded elements of different power are used from top to bottom to produce balanced, even heating throughout the kilns.



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# hobbytech 45 & hobbytech 60

The name Hobbytech first appeared in the 1970's when the Hobbytech 40 was launched, over the years tens of thousands of these kiln were sold throughout the world. The current model was designed in 2000 producing a more robust and efficient kiln at a realistic price for home use and for small batch or test purposes. In addition to features common to all Cromartie top loaders the Hobbytech range has the following additional features below.



## additional features

- For earthenware temperatures, hobby ceramics and china painters the 13amp version of the H45 runs off a domestic plug.
- For stoneware and porcelain firings, there is a high powered version requiring a 20amp electrical supply, such as you would need for an immersion heater.
- 3" Low Thermal Mass brick insulation is standard in this range.
- Portable for use in different locations.
- Fitted with double pole lid safety switch.
- Lids are supported on a rigid steel box folded from the jacket so it cannot detach and making a much stronger structure.

## technical data

Model	Capacity		Chamber Size		Weight	External Dimensions		
	Litres	Cu. Ft.	Diameter	Height		Width	Depth	Height
H45	45	1.6	40cm (15¼")	34cm (13½")	65kgs	61cm (24")	71cm (28")	64cm (25")
H60	60	2.1	40cm (15¼")	46cm (18")	78kgs	61cm (24")	71cm (28")	75cm (29½")
Power Requirements								
Model	kW	1 Phase	3 Phase	Furniture set included		Shelf size	Qty	Prop size
		230v	400v	Model	Qty			
H45	3.0	13A	-	H45	2	37cm (14½")	3	15cm (6")
H45	3.5	20A	-	H45	2	37cm (14½")	3	15cm (6")
H60	4.5	20A	-	H60	2	37cm (14½")	3	20cm (8")

a glimpse of the future



# mid-range Workhorse

80WH 125WH 135WH

170WH 205WH



Mid-Range Workhorses cover the needs of Ceramic Cafés, craft potters working with smaller batch production and more ambitious hobby potters. Increasingly they are also being used in schools. All of these kilns can usually be operated from cooker socket type supply in domestic situations All Mid-Range kilns have the features already listed plus the additional features below.

Check out the new addition to the kiln range - model 170WH, designed to give maximum capacity but still fit through a standard size doorway.

## additional features

- 3" Low Thermal Mass brick insulation with backup insulation board for best use of power.
- Available in single or three-phase power format.
- Fitted with triple pole lid safety switches.
- Lids supported on a rigid steel box folded from the jacket so it cannot detach making it a much stronger structure.
- Element power indicating lights.

## technical data

Model	Capacity		Chamber Size		Weight Kg	External Dimensions		
	Litres	Cu. Ft.	Diameter	Height		Width	Depth	Height
80 WH	82	2.9	47cm (18½")	46cm (18")	80kgs	69cm (27")	80cm (31½")	81cm (32")
125 WH	123	4.3	47cm (18½")	69cm (27")	100kgs	69cm (27")	80cm (31½")	104cm (41")
135 WH	135	4.8	62cm (24½")	46cm (18")	116kgs	81cm (32")	93cm (36½")	81cm (32")
170WH	172	6.1	55cm (21½")	69cm (27")	125kgs	73cm (28¾")	73cm (28¾")	104cm (41")
205 WH	203	7.2	62cm (24½")	69cm (27")	140kgs	81cm (32")	93cm (36½")	104cm (41")
Power Requirements								
Model	kW	1 Phase		3 Phase		Furniture set included		
		230v	400v	Model	Qty	Shelf size	Qty	Prop size
80 WH	7.0	32A	10A	80 WH	2	42cm (16½")	3	20cm (8")
125 WH	9.0	40A	15A	125 WH	2	42cm (16½")	3	25cm (10")
135 WH	9.0	40A	15A	135 WH	2	58cm (23")	3	20cm (8")
170WH	11.0	52A	20A	170WH	2	53cm (21")	3	25cm (10")
205 WH	12.0	62A	20A	205 WH	2	58cm (23")	3	25cm (10")

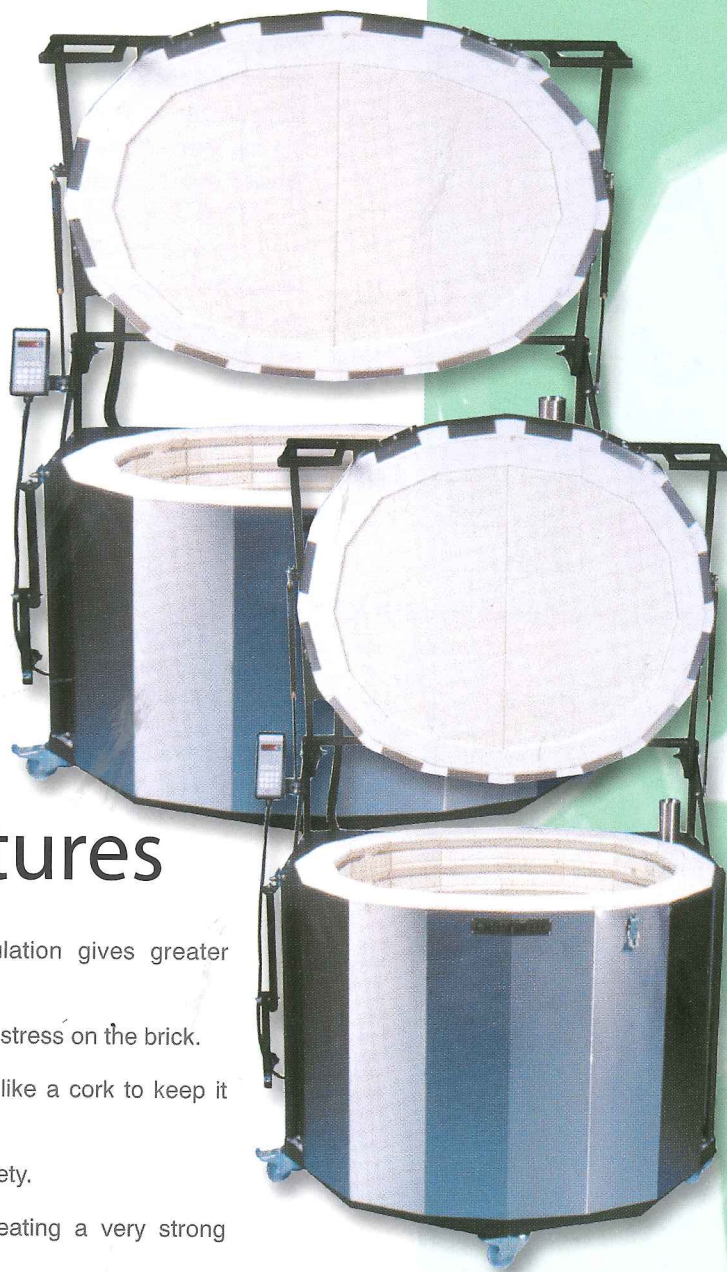


# Premium Workhorse

## 270WH circular top loader

## 450WH oval top loader

The two Premium models are large robust kilns designed for the busier Ceramic Cafés, craft and small industrial potteries. Schools and Colleges are increasingly switching to these kilns as when budgets are tight, they offer a much larger capacity than traditional Front Loading kilns. They provide impressive firing capacity at a very competitive price. Premium Range kilns incorporate all the usual features together with the following additional attributes below.



## additional features

- Thicker 4½" Low Thermal Mass brick insulation gives greater efficiency and economy of firing.
- Back-up insulation board on the lid to minimise stress on the brick.
- The central section of the brick lid is tapered like a cork to keep it secure so it can never drop into the kiln.
- Interlock safety lid switch ensures electrical safety.
- Lids are supported on an external frame creating a very strong construction.
- Gas struts take the weight out of the lid for easy opening.

Model	Capacity		Chamber size		Weight Kg	External Dimensions		
	Litres	Cu. Ft.	Diameter	Height		Width	Depth	Height
270WH	270	9.6	71cm (28")	66cm (26")	290kgs	110cm (43")	100cm (39")	119cm (47")
450WH	450	16	106cm x 77cm (42" x 30")	66cm (26")	360kgs	148cm (58")	104cm (41")	119cm (47")
Power Requirements								
Model	kW	1 Phase		3 Phase		Furniture set included		
		230v	400v	Model	Qty	Shelf size	Qty	Prop size
270WH	14.0	62A	20A	270WH	4	67cm (26") semi	6	25cm (10")
450WH	18.8	100A	28A	450WH	4	67cm (26") semi	12	25cm (10")
					2	33x31cm(13x12")		

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