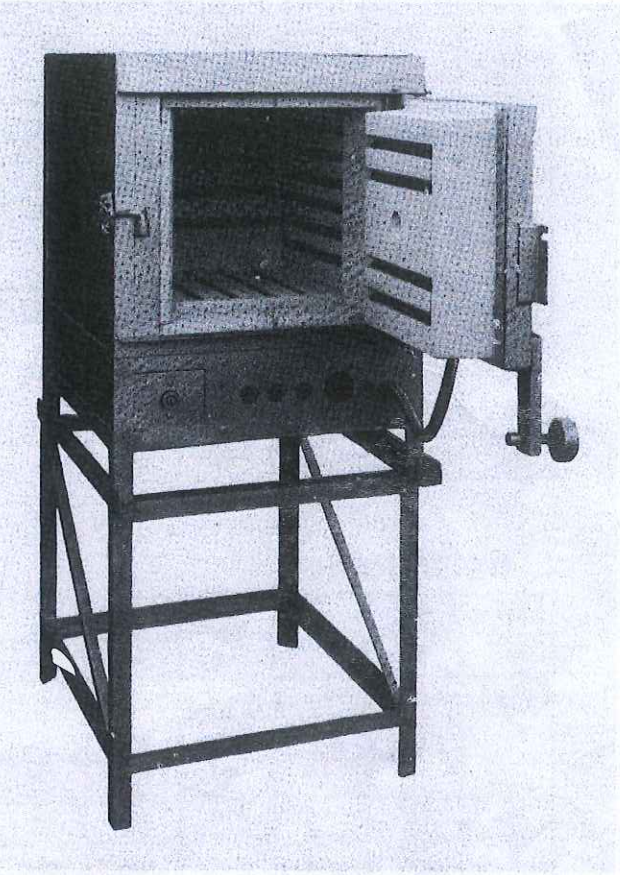
Cromartie's Electric Kiln Range

This Company has been a leading Manufacturer of Kilns and Furnaces for over 30 years and has achieved a well respected name for its products at competitive prices throughout the world.
Cromartie Kilns are designed and built by experts to give minimum cost of firing, even temperature and reliability. All materials used are of the highest quality, as is the workmanship.
The listed Kilns are some of our range, should one of a different size or one for a specialised process be required, a quotation will be forwarded on request.
All our Kilns come complete with all necessary safety equipment as required by H.M. Inspector of Factories.
Where necessary, Kilns can be made up in split form or built on site where access would otherwise be impracticable. A charge is made for this service according to site details.
All Kilns can be delivered into position by our own staff wherever required. A charge is made for this service.
A Guarantee of 12 months is given, subject to our Conditions of Sale, a copy of which is printed in our Catalogue.

General Description

Our range of Electric Kilns is well known to people for their strong construction, reliability, efficiency and economy.
Among their many standard features are:-

1) An approved Door Interlock
2) Heat Input Regulator/s
3) Kanthal A1 **elements in the Door and Back Wall** as well as Hearth and Side Walls on most models
4) Circuit Warning Lights to give constant monitoring of element condition on most models
5) Easy to change elements
6) Arched roof on most models
7) Large Taper Fit Door
8) Floor shelf/shelves with most models



Lab HT3 Kiln

Construction

Framework
The cabinet consists of suitably sized steel sections panelled with heavy gauge sheet. The Door is located on substantial **hinges which can be fitted on either side** to suit the customer's requirements. The Door is secured by hand wheel type clamps.

Paintwork
Each cabinet is sprayed with undercoat and can be finished in an attractive hammer finish or our more well known aluminium topcoat. It is the customer's choice.

Sighting Port
Sighting Port or Ports are located in the door of each Kiln.

Brickwork
The chamber is lined with conventional hot face refractories and in most cases is backed up with insulation having low thermal conductivity and along with the large taper fit door gives maximum efficiency and minimum heat loss.

Elements
The elements which are of Kanthal A1 are located in grooves in the Hearth, Side Walls and also in the Back Wall and Door in most models.

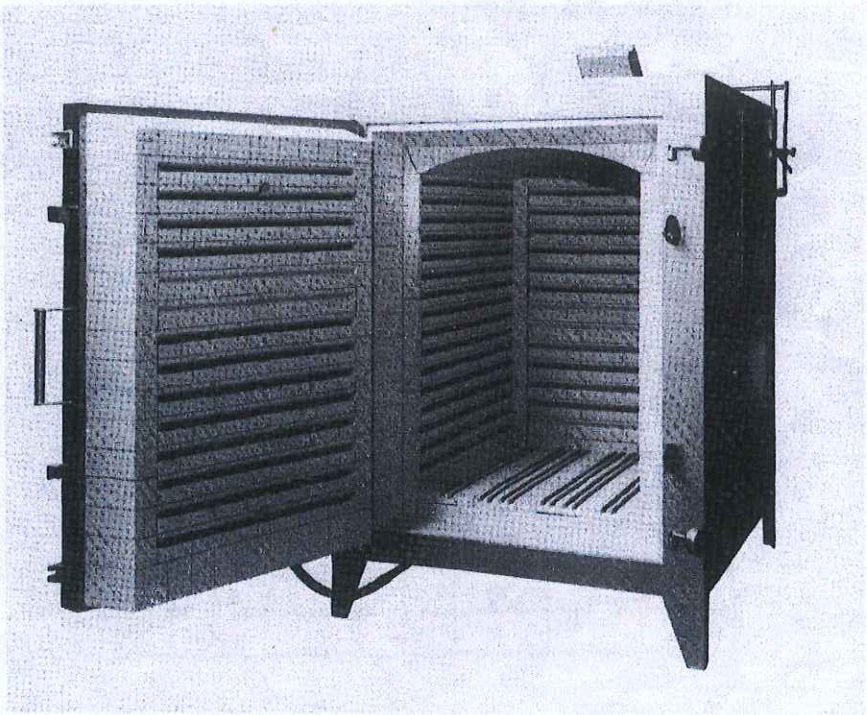
Temperature
The maximum working temperature of all Kilns is clearly marked in the Chart.

Control
Simple manual control is by means of one or more Heat Input Regulators which are automatic switching devices, the time periods during which the switch is closed and open being variable by means of a hand operated control knob. This works in conjunction with a mains electrical contactor which is fitted as standard.

Power Supply
Electrical requirements are given in the table. It is always advisable to seek the advice of the local Electricity Board when installing a Kiln.

Ancillary Equipment
A comprehensive range of ancillary equipment is detailed on the sheet "Electric Kiln Ancillary Equipment".

Kiln Furniture
Kiln Furniture details are given on the sheet "Kiln Furniture".



Studio 25 Kiln

Cromartie Kilns Ltd.
Park Hall Road, Longton, Stoke-on-Trent
Tel. (0782) 313947 & 319435 Telex 36597

Specifications

Enamelling and Test Kiln Range

Electric Kilns	Capacity	Power Rating	Max. Opert. Temp.	Supply Required		Firing Chamber Dimensions			Overall Dimensions			Nett Weight
Model	cu.m/ft	kW	°C	220/ 240V	380/ 415V	width mm/in	depth mm/in	height mm/in	width mm/in	depth mm/in	height mm/in	Kg
EK2	.002 .08	1.5	1000	6.5A	—	140 5.5	153 6.0	76 3.0	305 12.0	406 16.0	381 15.0	32
TK6	.002 .08	1.5	1300	6.5A	—	120 4.0	153 6.0	153 6.0	330 13.0	457 18.0	432 17.0	34
TK9	.005 .18	3.0	1300	13A	—	153 6.0	229 9.0	153 6.0	406 16.0	559 22.0	432 17.0	41
TK12	.021 .75	3.0	1300	13A	—	206 12.0	206 12.0	153 6.0	533 21.0	584 23.0	483 19.0	90

Junior Top Loading Kiln

JIX	.002 .77	3	1180	13A	—	267 10.5	267 10.5	305 12.0	534 21.0	534 21.0	673 26.5	127

Lab Kiln Range

LT2 HT2	.021 .75	3 4	1200 1300	13A 20A	— —	229 9.0	305 12.0	305 12.0	546 21.5	686 27.0	851 33.5	177
LT3	.055 1.95	6	1200	30A	—	381 15.0	407 16.0	356 14.0	648 25.5	826 32.5	876 34.5	229

Kilns listed below have the additional feature of elements fitted in the door and rear wall.

HT3	.055 1.95	6	1300	30A	—	381 15.0	407 16.0	356 14.0	648 25.5	889 35.0	876 34.5	229
HT3SP HT3SPA	.070 2.49	7.5 9	1200 1300	40A 40A	20A 20A	381 15.0	407 16.0	457 18.0	648 25.5	889 35.0	991 39.0	280
LT5 HT5	.087 3.05	7.5 9	1200 1300	40A 40A	20A 20A	381 15.0	559 22.0	407 16.0	699 27.5	1092 43.0	927 36.5	305
HT6	.095 3.37	10.5	1300	50A	20A	457 18.0	457 18.0	457 18.0	775 30.5	991 39.0	991 39.0	392
HT7	.132 4.68	12.5	1300	60A	30A	457 18.0	457 18.0	635 25.0	775 30.5	991 39.0	1194 47.0	480

Studio Kiln Range - Leg extensions available for kilns S3 - S15A

S3	.087 3.05	9	1200 1300	40A	20A	381 15.0	559 22.0	407 16.0	800 31.5	1181 46.5	1041 41.0	559
S5	.167 5.90	12	1200 1300	60A	30A	483 19.0	635 25.0	546 21.5	915 36.0	1283 50.5	1156 45.5	762
S5A	.234 8.24	15	1200 1300	—	30A	483 19.0	635 25.0	762 30.0	915 36.0	1283 50.5	1384 54.5	902
S10	.307 10.85	21	1300	—	40A	635 25.0	635 25.0	762 30.0	1054 41.5	1283 50.5	1397 55.0	1020
S12	.381 13.46	24	1200 1300	—	50A	635 25.0	927 36.5	648 25.5	1054 41.5	1626 64.0	1295 51.0	1168
S12A	.369 13.02	24	1200 1300	—	50A	635 25.0	762 30.0	762 30.0	1054 41.5	1473 58.0	1448 57.0	1168
S12S	.369 13.02	24	1300	—	50A	635 25.0	635 25.0	914 36.0	1054 41.5	1283 50.5	1600 63.0	1168
S15	.442 15.63	27	1300	—	50A	635 25.0	762 30.0	914 36.0	1054 41.5	1473 58.0	1600 63.0	1280
S15A	.442 15.63	27	1300	—	50A	635 25.0	914 36.0	762 30.0	1054 41.5	1626 64.0	1448 57.0	1295
S18	0.53 18.75	30	1300	—	50A	635 25.0	914 36.0	914 36.0	1041 41.0	1473 58 0	1626 64.0	1340
S20	0.59 20.83	36	1300	—	60A	635 25.0	914 36.0	1016 40.0	1118 44.0	1549 61.0	1727 68.0	1470
S25	0.71 25.00	40	1300	—	60A	762 30.0	914 36.0	1016 40.0	1245 49.0	1549 61.0	1778 70.0	1895
S30	0.88 31.25	45	1300	—	80A	762 30.0	1016 40.0	1143 45.0	1245 49.0	1651 65.0	1930 76.0	2180
S35	1.02 36.10	50	1300	—	80A	787 31.0	1219 48.0	1066 42.0	1422 56.0	1905 75.0	1905 75.0	2650
S45	1.27 45.00	60	1300	—	100A	914 36.0	914 36.0	1524 60.0	1549 61.0	1600 63.0	2413 95.0	3170