

GAS FIRED KILNS

Chamber Kilns



GFCK 4.0

Maximum Temperature : 1200 °C / 1550 °C

No	Order Code	Setting Capacity - [m ³]	Loading Dimensions - [w x h x d] cm	Kilns Cars No	No Of Burners	Power - [KW]
1	GFCK 0.3	0.3	50 x 75 x 80	-	1	1.1
2	GFCK 0.5	0.5	80 x 80 x 80	-	2	1.5
3	GFCK 0.7	0.7	96 x 85 x 86	-	2	1.5
4	GFCK 1.0	1.0	102 x 120 x 82 x 1	1	4	2.2
5	GFCK 1.5	1.5	102 x 120 x 125 x 1	1	4	2.2
6	GFCK 2.0	2.0	102 x 120 x 165 x 1	1	4	3.0
7	GFCK 2.5	2.5	102 x 120 x 205 x 1	1	4	3.0
8	GFCK 3.0	3.0	102 x 120 x 245 x 1	1	6	4.0
9	GFCK 3.5	3.5	102 x 120 x 285 x 1	1	6	4.0
10	GFCK 4.0	4.0	102 x 120 x 165 x 2	2	6	4.0
11	GFCK 5.0	5.0	102 x 120 x 205 x 2	2	6	5.5
12	GFCK 6.0	6.0	102 x 120 x 245 x 2	2	6	5.5
13	GFCK 7.0	7.0	102 x 120 x 285 x 2	2	6	5.5
14	GFCK 8.0	8.1	102 x 140 x 285 x 2	2	8	5.5
15	GFCK 10.0	10.4	130 x 140 x 285 x 2	2	8	7.5
16	GFCK / Cust	to your size	--	--	--	--



imported from Germany

We keep our right to change any information without prior notification.



Since its establishment in 1985, our company has been offering solutions in the glass and ceramic industries. Solutions cover the range from small units to complete turn-key manufacturing systems. Proof of level of our capability are the numerous systems that we already have installed.



Our company motto has always been "Ultimate Customer Satisfaction". Our highly skilled staff equipped with our experience exceeding 20 years, is always ready to respond to the special needs of our customers. With this experience, we have created our new line of kilns which we have named after



the mythological goddess of fire.

the GODDESS of FIRE

to use up to date technology
V E S T A l e a d s u s
to work hard

... in being
as friendly as
we are

... in working
as hard as
we do



and more important among
... in using
up-to-date
technology
to machine
accurately

... in machining
as accurately as
we do

and even more important,
in being a united and
harmonious **TEAM**.

V E S T A l e a d s u s
leads us

V E S T A l e a d s u s
technology



ELECTRICALLY HEATED KILNS

Top & Front Loading Kilns

TECHNICAL SPECIFICATIONS

Working Temperature

- 1100°C / 1280°C

Digital Temperature Programmer

- Bentrup series

Temperature Control Form

- Time proportional On/Off

Switching Element

- Contactor (Standard)
- SSR - Solid state relay (Optional)

Thermocouple Type

- Type K (NiCr-Ni) / Type S (PtRh-Pt)

Insulation

- Light refractory brick + ceramic fiber

Heating Surface

- From bottom and sides

Heating Elements

- Kanthal resistance wires

Cooling

- Natural cooling by ventilation holes

Connection

- Single / Three Phase + Neutral + Earth

Door-Opening

- Manual

Body Construction

- Welded steel structure

Standard Colour

- Beige (Ral 7032 W) + Orange (Ral 2004 W)
- Different colours can be selected



ECFL / Cust



Tombak Kilns



ECTL 80



Tuba O Demircioğlu

ELECTRICALLY HEATED KILNS

Top & Front Loading Kilns



ECFL 150

ECFL 240

Top Loading / Maximum Temperature: 1100 °C / 1280 °C

No	Order Code	Useful Volume - [l.]	Internal Dimensions - [w x d x h] cm	Power - [kW]
1	ECTL 50	50	37 x 37 x 37	3.5/4.0
2	ECTL 64	64	40 x 40 x 40	4.0/4.5
3	ECTL 80	80	40 x 40 x 50	4.5/6.0
4	ECTL 100	100	45 x 45 x 50	6.0/7.5
5	ECTL 150	150	50 x 50 x 60	7.5/9.0
6	ECTL/Cust	to your size	--	--

Front Loading / Maximum Temperature: 1100 °C / 1280 °C

No	Order Code	Useful Volume - [l.]	Internal Dimensions - [w x d x h] cm	Power - [kW]
1	ECFL 50	50	37 x 37 x 37	3.5/4.0
2	ECFL 64	64	40 x 40 x 40	4.0/4.5
3	ECFL 80	80	40 x 40 x 50	4.5/6.0
4	ECFL 100	100	45 x 45 x 50	6.0/7.5
5	ECFL 150	150	50 x 50 x 60	7.5/9.0
6	ECFL 200	200	50 x 50 x 80	9.0/12
7	ECFL 240	240	50 x 60 x 80	12/15
8	ECFL 300	300	50 x 60 x 100	15/21
9	ECFL 430	430	60 x 90 x 80	21/30
10	ECFL 540	540	60 x 90 x 100	26/33
11	ECFL 650	650	90 x 90 x 80	30/36
12	ECFL 810	810	90 x 90 x 100	36/40
13	ECFL/Cust	to your size	--	--



TC 405/30



TC 60/S



GAS FIRED KILNS

Chamber Kilns

GAS FIRED KILNS

Chamber Kilns



TECHNICAL SPECIFICATIONS

Working Temperature

- 1200° C / 1550° C

Digital Temperature Programmer

- Thermo PLC (Ethernet connection is optional)

Temperature Control Form

- PID

Thermocouple Type

- Type K (NiCr-Ni) / Type S (PtRh-Pt)

Insulation

- Light refractory brick + ceramic fiber

Heaters

- High velocity burners

Construction

- Welded mild steel

Kiln Pressure

- Controlled (Optional)

Kiln Atmosphere

- Oxidizing/Neutral(Standard)
- Reducing (Optional)

Recuperator

- Optional

Firing Cycles

- Programmable

Control Zones

- Single / Multi (Depending on size)

Kiln Door

- Hinged type (Standard)
- Vertical hydraulic driven (Optional)
(Depending on size)

Kiln Car Movement

- Manual by man power

Standard Colour

- Beige (Ral 7032 W) + Orange (Ral 2004 W)
- Different colours can be selected



GFCK 3.0





ELECTRICALLY HEATED KILNS

Truck Kilns



ECWT 3800

ADDITIONAL SPECIFICATIONS

- Truck Movement
- Manual by man power (Standard) / Programmable (Optional) •
- Door-Opening
- Hinged type (Standard) / Vertical hydraulic driven (Optional) •
- Chimney Opening/Closing
- Manual (Standard) / Programmable (Optional) •



Taba 0
1180/130/90



Taba 0
1180/130/90



ECWT 2500



Maximum Temperature : 1100 °C / 1280 °C

No	Order Code	Useful Volume - [l]	Internal Dimensions - [w x d x h] cm	Power - [kW]
1	ECWT 1000	1000	90 x 130 x 90	45/68
2	ECWT 1500	1500	90 x 170 x 100	68/90
3	ECWT 2100	2100	100 x 210 x 100	90/105
4	ECWT 2500	2500	100 x 250 x 100	105/118
5	ECWT 3000	3000	100 x 300 x 100	118/130
6	ECWT 3400	3400	100 x 340 x 100	130/142
7	ECWT 3800	3800	100 x 380 x 100	142/155
8	ECWT 4200	4200	100 x 420 x 100	155/167
9	ECWT/Cust	to your size	--	--

ELECTRICALLY HEATED KILNS

Truck Kilns





ELECTRICALLY HEATED KILNS

Fast Firing Circular Tunnel Kilns

TECHNICAL SPECIFICATIONS

Working Temperature

- 1100°C / 1280°C

Digital Temperature Programmer

- Thermo PLC

Temperature Control Form

- PID

Switching Element

- SSR- Solid state relay

Thermocouple Type

- Type K (NiCr-Ni) / Type S (PtRh-Pt)

Insulation

- Light refractory brick + ceramic fiber

Heating Surface

- Top and sides

Heating Elements

- Kanthal resistance wires

Cooling

- Controlled cooling by fans

Standard Colour

- Beige (Ral 7032 W) + Orange (Ral 2004 W)
- Different colours can be selected



FFTK 5



Maximum Temperature : 1100 °C / 1280 °C

No	Order Code	Dimensions - (cm)				Power - [kW]
		Nominal Diameter	Outer Diameter	Internal Width	Internal Height	
1	FFTK 1	195	260	15	12	21/27
2	FFTK 2	225	300	25	15	30/40
3	FFTK 3	240	320	30	15	35/45
4	FFTK 4	365	450	35	25	48/63
5	FFTK 5	500	550	45	25	68/90
6	FFTK/Cust	to your size				--

GAS FIRED KILNS

Shuttle Kilns

TECHNICAL SPECIFICATIONS

Working Temperature

- 1200° C / 1450° C

Digital Temperature Programmer

- Thermo PLC (Ethernet connection is optional)

Temperature Control Form

- PID

Thermocouple Type

- Type K (NiCr-Ni) / Type S (PtRh-Pt)

Insulation

- Light refractory brick + ceramic fiber

Heaters

- High velocity burners

Construction

- Welded mild steel

Kiln Pressure

- Controlled (Optional)

Kiln Atmosphere

- Oxidizing/Neutral (Standard)
- Reducing (Optional)

Recuperator

- Optional

Firing Cycles

- Programmable

Control Zones

- Single / Multi (Depending on size)

Kiln Door

- Vertical hydraulic driven

Kiln Car Movement

- Manual by man power(Standard)
- Programmable by hydro-mechanical system(Optional)

Standard Colour

- Beige (Ral 7032 W) + Orange (Ral 2004 W)
- Different colours can be selected



GFSK 8.0 / Cust





GAS FIRED KILNS

Shuttle Kilns for Firing and Refiring Sanitary Ceramics



GFSK 30



GAS FIRED KILNS

Shuttle Kilns for Firing and Refiring Sanitary Ceramics



Maximum Temperature : 1200°C / 1450°C

No	Order Code	Setting Capacity - (m ³)	Loading Dimensions - (d x h x w) cm	Kilns Cars No
1	GFSK 15	15.1	140 x 150 x 240	3
2	GFSK 20	20.2	140 x 150 x 320	3
3	GFSK 25	25.2	140 x 150 x 400	3
4	GFSK 30	33.6	140 x 150 x 400	4
5	GFSK 35	36.9	140 x 150 x 440	4
6	GFSK 40	40.3	140 x 150 x 480	4
7	GFSK 45	46.2	140 x 150 x 440	5
8	GFSK 50	50.4	140 x 150 x 480	5
9	GFSK 60	60.5	140 x 150 x 480	6
10	GFSK 70	70.6	140 x 150 x 560	6
11	GFSK 80	82.3	140 x 150 x 560	7
12	GFSK 95	94.5	150 x 150 x 600	7
13	GFSK 110	108.0	150 x 150 x 600	8
14	GFSK 120	121.5	150 x 150 x 600	9
15	GFSK 135	135.0	150 x 150 x 600	10
16	GFSK / Cust.	to your size	--	--

