

The Production Kiln Line

Powering the production studio

The Skutt Production Kiln (PK) line was designed to handle the rigorous demands of high-volume ceramic manufacturers and high-fire artists. In production, time is money. PK kilns are designed to save you both.

Everything about the PK line is geared towards increasing overall performance and decreasing production time, maintenance cost and downtime.

The elements in all PK kilns are balanced on 3 different levels of the kiln in order to place the heat where it is needed most.

The mercury relays and heavy gauge high temperature feeder wire should never need replacing, the busbar design makes changing elements a snap.

And the power designed into these kilns allows you to turn even the heaviest Cone 10 loads without wasting time stalling out on the high end. This ability to fire and cool fast will increase production, save energy, and increase element life. Remember you can always program the kiln to fire slower if needed.



KM1627-3 PK OVAL

When you're looking for an oval kiln you want a great performer, and the KM1627-3 PK delivers. It offers the performance, power and features you need to get the job done right.

- **IT'S BIG.** The massive 18.5 Cubic foot firing chamber can handle almost any project you throw at it. Whether it is large sculptures or huge volumes of tile this kiln has the room to get it done.
- **IT'S TOUGH.** Due to their large surface area, oval kilns are notorious for cracking lids and slabs. Skutt uses a lightweight fiber lid along with fiber insert on the slab to help prevent this cracking. The special fiber, which is preshrunk and rigidized for strength, also limits the amount of heat that escapes through the lid and slab.
- **IT'S ACCURATE.** The KM1627-3 comes standard with Zone Control. It can also be ordered with a special 2 piece EnviroVent system that keeps the atmosphere clean and the temperature uniform.

- **IT'S LOADED.** The KM1627-3 PK comes standard with these great features:



ELEMENT BUSBAR
Newly designed, the busbar system allows for a secure connection and easy element replacement. The busbar bolts are plated to resist corrosion.



LID BRACE
The lid brace on the oval kiln employs cams which allow the user to raise and lower the lid without having to take their hands off of the lid handles.



KILN INSERT
We've developed a 1" thick fiber insert which rests on the bottom slab and protects it from heat stress. This not only prevents cracking, it improves heat uniformity in the kiln chamber.



ZONE CONTROL
Zone Control helps even out heat uniformity in unbalanced loads. The KM1627-3 PK can be programmed for either 3-zone control or single-zone which offers faster firing times.

KM1231-3 PK

- **IT'S TALL.** This is the tallest automatic kiln Skutt offers. Perfect for tall sculptures or those times when you wished you could fit one more layer in the kiln.
- **SMALL FOOTPRINT.** When floor space is at a premium the KM1231-3PK can handle a lot of volume without taking up the space that wider kilns do.

KM1227-3 PK

- **THE INDUSTRY STANDARD.** Others have tried to duplicate this model but no one has matched the quality and performance of this industry workhorse. Chances are if you are in Highfire Production you already own a KM1227-3PK.
- **PERFECT FOR CRYSTAL GLAZE FIRING.** Add APM elements and a Type S thermocouple and you have the perfect crystal glaze kiln.

Model	Phase	Volts	Amps	Watts	Cone	Temp	Cu. Ft.	Opening	Depth	Ship Wt.	Copper Wr. Sz.	Breaker Size	Rcptl. Config.
KM1627-3PK	3	240	66.0	23600	10	2350	18.5	46x30.75	27	535	4	90	Dir. Wr.
		208	76.0	23600	10	2350	18.5	46x30.75	27	535	4	100	Dir. Wr.
KM1627-3PK-LF*	1	240	68.0	16332	1	2100	18.5	46x30.75	27	535	4	90	Dir. Wr.
		208	69.0	14352	1	2100	18.5	46x30.75	27	535	4	90	Dir. Wr.
	3	240	46.0	16300	1	2100	18.5	46x30.75	27	535	6	60	Dir. Wr.
		204	47.0	14300	1	2100	18.5	46x30.75	27	535	6	60	Dir. Wr.
KM1231-3PK	1	240	72.0	17280	10	2350	11.6	28.13	31	450	2	90	Dir. Wr.
		208	80.0	16640	10	2350	11.6	28.13	31	450	2	100	Dir. Wr.
	3	240	44.5	17300	10	2350	11.6	28.13	31	450	6	60	Dir. Wr.
		208	51.5	17300	10	2350	11.6	28.13	31	450	6	60	Dir. Wr.
KM1227-3PK	1	240	60.0	14400	10	2350	9.9	28.13	27	410	4	80	Dir. Wr.
		208	69.0	14352	10	2350	9.9	28.13	27	410	4	90	Dir. Wr.
	3	240	40.0	14300	10	2350	9.9	28.13	27	410	6	50	Dir. Wr.
		208	46.7	14300	10	2350	9.9	28.13	27	410	6	60	Dir. Wr.

*LF models are designed to run on lower amperage for those with power restrictions. LF models still utilize the industrial components however they are only rated to 2100 F (Cone 1)

Production kiln upgrades are listed on pg 13, accessories on pgs 20-21.