



Production Kiln Line

Here's the high volume Cone 10 power you've been looking for.







Finally, an electric kiln line designed specifically for volume production and fast turnaround of high mass loads. It has the power and industrial components to go straight to Cone 10 with a full load of tile or stoneware—no slow struggling to reach the final temperature. The standard KilnMaster controller gives you the options of Cone Firing, or selecting your own 8-segment Ramp/Hold firing programs. The combination of direct wiring, heavy duty elements, connectors and relays, plus traditional Skutt stainless steel and fire-brick construction results in a kiln that will last for years of constant use. Among the most powerful on the market today, the line was designed at the

Standard features.

The Skutt KM-1227PK and KM-1231PK kilns include the KilnMaster controller built in. Other standard features include:

- 2 year limited warranty, elements excluded
- Encapsulated Type K thermocouple
- Mercury relays
- Industrial gauge wiring.
- Compression connectors on feeder wires.
- Larger, swing away, air cooled switch box
- Multi-side design
- Stainless steel jacket
- Sectionalized construction
- 2 lift handles on each section
- Sealed, dust-free lid with full-floating hinge
- Three types of exposed, pinned elements for optimum balance
- Reversible top and bottom slabs

| | | | |
|---|--|--|--|
|  KM-1231PK | Chamber 28½" opening 31" deep 11.57 cu. ft. | 240V: 72 Amps, 17300 Watts 208V: 80 Amps, 16640 Watts | Cone 10, 2350° Shpg. Wt. 362 lb. Cone 10, 2350° Shpg. Wt. 362 lb. |
|  KM-1231PK-3ph | Chamber 28½" opening 31" deep 11.57 cu. ft. | 240V: 44.5 Amps, 17300 Watts 208V: 45.5 Amps, 17300 Watts | Cone 10, 2350° Shpg. Wt. 362 lb. Cone 10, 2350° Shpg. Wt. 362 lb. |
|  KM-1227PK | Chamber 28½" opening 27" deep 9.92 cu. ft. | 240V: 60 Amps, 14300 Watts 208V: 69 Amps, 14300 Watts | Cone 10, 2350° Shpg. Wt. 330 lb. Cone 10, 2350° Shpg. Wt. 330 lb. |
|  KM-1227PK-3ph | Chamber 28½" opening 27" deep 9.92 cu. ft. | 240V: 40 Amps, 14300 Watts 208V: 46.7 Amps, 14300 Watts | Cone 10, 2350° Shpg. Wt. 330 lb. Cone 10, 2350° Shpg. Wt. 330 lb. |



OPTIONAL 12-SIDE ACCESSORIES

EnviroVent Downdraft Vent System

APM Elements

Furniture Kit



“After 26 years, Skutt kilns are still the best.” —Michelle Griffoul



Michelle Griffoul with her tile chaise lounge and the Skutt KM-1231PK.

Michelle Griffoul is Founder of Michelle Griffoul Studios, Los Olivos, CA, and an enthusiastic Skutt kiln owner. As an internationally known ceramic tile artist and manufacturer, she produces complex and demanding designs. Her business depends entirely on kilns that she can trust. That is why she has used Skutt Kilns for 26 years.

“I chose Skutt because I refused to compromise. I’ve tried other brands throughout my career and have found Skutt kilns to be consistently more reliable, longer lasting and the best performing. The new KM-1231PK is the perfect kiln for our studio because it has the power to go to Cone 5 in six hours, fully stacked. It can cool and repeat the performance in a 24-hour cycle. I’m impressed!”

“If your business depends on consistency and quality, this is the kiln for you. I’m depending on Skutt for the next 26 years!”

KilnMaster Specifications

Delay Firing start: up to 99 hours and 99 minutes. • *Cone Fire Mode:* entry by cone number, 3 firing speeds, Cone 022 to cone 10. • *Ramp/Hold Mode:* Entry by temperature, create programs from 1 to 8 segments. Each segment can specify a rate of heating or cooling to a specified temperature with an optional hold, to a maximum temperature of 2,350° F.

- Memory holds up to 6 firing programs.
- *Safety Features:* Power Failure Detection, Thermocouple Failure Detection, Microprocessor Fault Detection.
- *Electronic Cone Table:* Converts cone numbers to temperature. Digital Readout: Fahrenheit or Centigrade.
- *Program Review:* Review program and current segment during firing.
- *Temperature Alarm:* Adjustable to desired temperature.
- *Control Panel:* Sealed Touch Pad, washable.
- *Thermocouple:* Encapsulated Type K.

• Designed and manufactured in the USA.

KM-1227PK and KM-1231PK Electrical Requirements

| Model | Volts | Amps | Watts | Copper Wire Size* | Fuse or Breaker Size |
|---------------|-------|------|-------|-------------------|----------------------|
| KM-1231PK | 240 | 72 | 17300 | 2 | 90 |
| KM-1231PK | 208 | 80 | 16640 | 2 | 100 |
| KM-1231PK-3ph | 240 | 44.5 | 17300 | 6 | 60 |
| KM-1231PK-3ph | 208 | 51.5 | 17300 | 6 | 60 |
| KM-1227PK | 240 | 60 | 14300 | 4 | 80 |
| KM-1227PK | 208 | 69 | 14300 | 2 | 90 |
| KM-1227PK-3ph | 240 | 40 | 14300 | 6 | 50 |
| KM-1227PK-3ph | 208 | 46.7 | 14300 | 6 | 60 |

***An electrician will need to make the electrical connection.** The kilns are “hard wired” to allow for greater amperage. For each additional 50 feet use heavier wire, numerically two numbers lower—for example, instead of #6, use #4. If you anticipate installing any larger kiln in the future, use the heavier wire.

For more information, contact us at
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