
L&L Kiln’s patented hard ceramic element holders protect your kiln.

- Fires Clean
- Fires Evenly
- Easy to Program
- Keeps Working

hotkilns.com/easy-fire

KILNS BUILT TO LAST
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EASY-FIRE KILNS
L&L’s Flagship Kilns

This is the classic L&L pottery kiln used by most of our customers. Now with a new angled control panel for easy viewing.

Features & Benefits

CONSTRUCTION
Sectional: Made of 9” high sections with a reversible bottom and a spring-hinged top. The case is stainless steel wrapped around 2-1/2” or 3” of K23 highly insulating firebrick with 3 adjusting screw clamps per section. Easy to move: hotkilns.com/assemble-easy-fire

Brushed stainless steel spring hinge (on 23” & 28” diameter models) makes opening easy while still allowing lid to be supported and providing an unobstructed opening for easy loading. Safety pin prevents lid from closing while loading.

Firebrick is coated with a proprietary anti-dusting, hardening, and reflective coating.

Ceramic element terminals make element changes easy using a wrench.

A heavy 14 gauge full support solid stand with multiple bends for strength. Includes molded plastic feet protectors.

Full-view solid ceramic peephole plugs are 1” diameter non-tapered with heat-locked head. There is one for each section.

ELEMENT HOLDER SYSTEM
Patented hard ceramic element holders protect brick and elements from wear and loading damage. All-ceramic element connection block and hard holders makes changing elements easy.

DYNATROL ZONE CONTROL
DynaTrol with 4 Easy-Fire programs (Slow Bisque, Fast Bisque, Slow Glaze, Fast Glaze), 6 Vary-Fire custom programs, PreHeat, Delay, Program & Segment Review, and Diagnostics. Zone control with 2 or 3 zones. Separate Type K 8 gauge thermocouples with ceramic protection tubes. Genesis touch screen control optional (see page 27).

PIGGY-BACKED COOL-FIRE CONTROL PANEL
All controls and components are in a separate angled control panel that is piggy-backed on top of the element connection box. Both boxes are hinged and open and remove easily. A layer of insulation plus the separate control box keep the controls and relays cool. Power wires are oversized to run cool. On/off switch and control fuse included.

INSTRUCTIONS AND SUPPORT
Complete visual instructions with control reference, process information, assembly, troubleshooting, and parts list. Web videos show how to use the control. (hotkilns.com/videos)

Limited 3 year warranty. (hotkilns.com/warranty)

View all features of L&L Kilns at hotkilns.com/features
FURNITURE KIT
Includes Cone 11 full shelves and half shelves as listed below plus a square post kit which includes six each 1/2", 1", 2", 4", 6" and 8" high 1-1/2" square cordierite posts plus heat-resistant gloves. Prices below.

VENT-SURE DOWNDRAFT KILN VENT (PAGE 26)
Vent-Sure 130 CFM downdraft vent pulls air down to bottom of kiln to improve temperature uniformity and vent corrosive fumes. Bypass collection box mounted on kiln allows adjustment of venting. Fan motor, mounted away from the kilns, stays cool and no vibration is transmitted to the kiln. Now includes multi-mounting bracket. See page 26.

VENT-SURE DOWNDRAFT KILN VENT
Vent (M-V-CNTL/00) ..............................................$165

VOLTAGE OPTIONS (PAGE 27)
Order 240 or 208 volts, single or three phase, or international voltages. KW, amperage, and fuse size for each voltage below. 480 volts is not available. No Charge for any voltage options.

<table>
<thead>
<tr>
<th>Model</th>
<th>Kiln</th>
<th>Price</th>
<th>Furn</th>
<th>Quad</th>
<th>No. of Shelves</th>
<th>Brick</th>
<th>Inside Thick</th>
<th>Inside Diam</th>
<th>Inside Height</th>
<th>Cubic Feet</th>
<th>Exterior Dimensions (in)</th>
<th>240/1</th>
<th>240/3</th>
<th>208/1</th>
<th>208/3</th>
<th>Lbs</th>
<th>Lbs w/Kit</th>
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<tbody>
<tr>
<td>e18S</td>
<td>$2100</td>
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<td>$205</td>
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<td>1 (1F, 4H)</td>
<td>2.5&quot;</td>
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<td>10.7 x 23.9 x 30</td>
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<td>15.75&quot;</td>
<td>18&quot;</td>
<td>2.375&quot;</td>
<td>268</td>
<td>10.7 x 23.9 x 30</td>
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<td>$245</td>
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<td>$285</td>
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<td>23.5&quot;</td>
<td>22.5&quot;</td>
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<td>775</td>
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<td>22.5&quot;</td>
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<td>775</td>
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<td>18&quot;</td>
<td>11.575&quot;</td>
<td>11575</td>
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<td>3 (2F, 4H)</td>
<td>3&quot;</td>
<td>28&quot;</td>
<td>18&quot;</td>
<td>11.575&quot;</td>
<td>11575</td>
<td>1.5 x 23.9 x 30</td>
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<td>$740</td>
<td>$455</td>
<td>25-1/2&quot;</td>
<td>3 (2F, 4H)</td>
<td>3&quot;</td>
<td>27&quot;</td>
<td>27&quot;</td>
<td>11.575&quot;</td>
<td>11575</td>
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<td>11.5</td>
<td>11.5</td>
<td>11.5</td>
<td>475</td>
<td>610</td>
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</tbody>
</table>

Cone Rating: All models are rated to Cone 10 except: e28M-3, 208 volt/1 phase is cone 8, the e28T-3 240 volt/1 phase is Cone 8, the e28T-3 208 volt/1 phase is Cone 5. All 3 phase kilns are Cone 10. If planning continuous Cone 6 firings on a 10 cubic foot single phase kiln we recommend the eQuad-Pro eQ2827-3 (page 7) or the Jupiter JD2927-3 (page 8) (both have more KW than the e28T-3 in their single phase versions).

Plugs on US Models only: 6-50 on single phase and 15-50 on three phase.

UL Listing: c-MET-us listed to UL499 standards. CE Listing: CE Listed models are available.

**SCHOOL-MASTER**

Made For Schools

For busy school teachers who want a simple control.

---

**Features & Benefits**

**SPECIAL FIVE-YEAR LIMITED WARRANTY**

[(hotkilns.com/five-year-warranty)]

- **ONE-TOUCH™ INTUITIVE KILN CONTROL**

  The One-Touch™ Control is designed for busy school teachers - One touch and you are ready to fire the bisque and glaze programs typically used in schools. (It is also easy to adjust simple parameters like cone, delay, hold, heat-up and cool-down rates). You can even create four custom ramp/hold programs.

  [(hotkilns.com/one-touch)]

- **Cone 6 • 2230°F • 1220°C**

  (except for 208 volt single phase SM28T-3 model)

- **Single zone with graded elements**

- **Includes all other features of the Easy-Fire Kiln Series**

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**Options**

**FURNITURE KIT**

Includes Cone 11 full shelves and half shelves as listed below plus a square post kit which includes six each 1/2", 1", 2", 4", 6" and 8" high 1-1/2" square cordierite posts plus heat-resistant gloves. Prices below.

**POWERFUL VENT-SURE DOWNDRAFT KILN VENT (PAGE 26)**

Vent-Sure (120 volts) (M-V-VENT/00) .................................$550

Vent Doubler (M-V-VENT/DB) .............................................$160

(NOTE: The vent control is not available on this kiln)

**VOLTAGE & CONTROL OPTIONS**

Voltage: Order 240 or 208 volts, single or three phase, or international voltages. KW, amperage, and fuse size for each voltage below. 480 volts is not available. No Charge for any voltage options.

Door Interlock Switch (K-E-LATC/00) (Page 27) ..................$330

**SEE PAGES 26-29 FOR THESE AND MORE OPTIONS**

Vent options and rolling stand.

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**SCHOOL-MASTER KILNS ARE WARRANTED FOR FIVE YEARS!**

School-Master Kilns are super-durable and include all of the easy-maintenance features of the Easy-Fire kilns. For simplicity, however, School-Master kilns feature the intuitive One-Touch™ kiln control that has a standard Bisque and Glaze program tuned to the needs of most K-12 programs. Temperature, heating and cooling rate, delay time and soak time can all be easily modified for the two main programs and remain set that way until deliberately changed. In addition, for more advanced users, there are four custom programs. The control is single zone and the kilns have graded elements. Because there are only two sizes the element resistance is well-tuned for good performance. The School-Master kilns are limited to Cone 6 operation even though the construction of the kilns can handle higher temperatures.

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Kiln Price</th>
<th>Furn Kit</th>
<th>No. of Shelves</th>
<th>Brick Thick</th>
<th>Inside Diam</th>
<th>Inside Height</th>
<th>Cubic Feet</th>
<th>Exterior Dimensions</th>
<th>KW-Amp-Fuse</th>
<th>KW-Amp-Fuse</th>
<th>KW-Amp-Fuse</th>
<th>Kiln Lbs w/Kit</th>
</tr>
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<tbody>
<tr>
<td>SM23T</td>
<td>$3350</td>
<td>$485</td>
<td>21&quot; (2F, 4H)</td>
<td>2.5&quot;</td>
<td>23.5&quot;</td>
<td>27&quot;</td>
<td>7.0</td>
<td>30W x 68H x 40D</td>
<td>11.5<del>48.0</del>60</td>
<td>11.5<del>27.7</del>40</td>
<td>10.0<del>48.0</del>60</td>
<td>360</td>
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<tr>
<td>SM23T-3</td>
<td>$3425</td>
<td>$485</td>
<td>20&quot; (2F, 4H)</td>
<td>3&quot;</td>
<td>22.5&quot;</td>
<td>27&quot;</td>
<td>6.7</td>
<td>30W x 68H x 40D</td>
<td>11.5<del>48.0</del>60</td>
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<td>380</td>
</tr>
<tr>
<td>SM28T-3</td>
<td>$3950</td>
<td>$740</td>
<td>25.5&quot; (8H)</td>
<td>3&quot;</td>
<td>28&quot;</td>
<td>27&quot;</td>
<td>10.2</td>
<td>35W x 74H x 46D</td>
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<td>14.3<del>39.8</del>50</td>
<td>480</td>
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</table>

Cone Rating: All models rated for Cone 6 except for the single phase 208 volt SM28T-3, which is rated for Cone 5. If planning continuous Cone 6 firings on a 10 cubic foot single phase kiln we recommend the eQuad-Pro eQ2827-3 (page 7) or the Jupiter JD2927-3 (page 8) because they have more power. **Plugs on US Models only:** 6-50 on single phase and 15-50 on three phase. **UL Listing:** c-MET-us listed to UL499 standards. **CE Listing:** CE Listed models are available. **More:** See [hotkilns.com/spec-school-master](http://hotkilns.com/spec-school-master) for shipping dimensions, electrical ratings, fuse and wire sizes.
Features & Benefits
- Cone 10 • 2350°F • 1290°C - with extra power with branch fusing for high production and dense loads
- Quad element system (fours rows of super heavy gauge elements per 9” high section)
- 3” K23 brick with proprietary reflective brick coating that protects brick and minimizes dusting
- DynaTrol with Dynamic Zone Control (3 Zones). Genesis Touch Screen Control is optional (see page 27).
- Piggy-back cool-fire control panel like Easy-Fire
- Hard ceramic element holders
- Type K 8 GA thermocouples with ceramic protection tubes
- Full support 14 gauge aluminized steel stand
- Solid peephole plugs with full 1” view
- “Easy-Lift, Easy-Load” stainless steel spring hinge system with full-support when door is up and tilted back (there are no support bars to get in the way of loading)
- Three-year Limited Warranty

Options

FURNITURE KIT
Cone 11 full shelves and half shelves as listed below plus a square post kit plus heat-resistant gloves. Prices below.

VENT-SURE DOWNDRAFT KILN VENT (PAGE 26)
Vent-Sure (120 volts) (M-V-VENT/00).................................$550
Vent Doubler (M-V-VENT/DB).............................................$160
Vent Control (M-V-CNTL/00)......................................................$165

VOLTAGE & CONTROL OPTIONS (PAGE 27)
Voltage: Order 240 or 208 volts, single or three phase, or international voltages. KW, amperage, and fuse size for each voltage below. 480 volts is not available. No Charge for any voltage options.

Genesis Touch Screen Control (N-G-GENS/OP).....................$140
KISS Computer Software (N-G-KISS/US)..............................$715
SSR Power Control for eQ2327-3 & eQ2827-3 ..........................$1250
SSR Power Control for eQ2836-3 ..............................................$1500
High Limit Back Up Control (N-G-PKHL/00)..........................$655
Back up Contactors Three-Section Kilns (N-G-BCJ3/00)..........$230
Back up Contactors Four-Section Kilns (N-G-BCJ4/00)..........$285
Type S Platinum Thermocouples (T-G-SJUP/UG) .............$255 each
Pyrocil metallic Thermocouples (T-G-E23M/UG) ...............$45 each

SEE PAGES 26-29 FOR THESE AND MORE OPTIONS

QUAD ELEMENT SYSTEM INCLUDED
Inside of an eQuad-Pro while firing. Notice how the element holders glow and disperse the radiant heat. The large diameter elements (both of the wire gauge and outside diameter of the element coil), coupled with the unique glowing feature of the hard dense ceramic element holders make these elements last for a very long time. (hotkilns.com/quad)

Optional APM Elements: Priced by Quote.

More: See hotkilns.com/spec-equad-pro for additional information like shipping dimensions, electrical ratings, fuse sizes and wire connection sizes. All models are direct wired with no cords. For controls see hotkilns.com/dynatrol and hotkilns.com/zone. Listings: cMET-us listed to UL499.
JUPITER KILNS
Easy To Take Apart & Highly Customizable

CONSTRUCTION
Sectional: Made of 9" high sections with a reversible bottom and a spring-hinged top (23" & 28" models). The case is stainless steel wrapped around 2-1/2" or 3" of K23 highly insulating firebrick with 3 adjusting screw clamps per section.

Brushed stainless steel spring hinge (on 23" & 28" diameter models) makes opening easy while still allowing lid to be supported while providing an unobstructed opening for easy loading. Safety pin prevents lid from closing while loading.

Firebrick is coated with a proprietary anti-dusting, hardening, and reflective coating.

Ceramic element terminals make element changes easy using a wrench.

A heavy 14 gauge full support solid stand with multiple bends for strength. Includes molded plastic feet protectors.

Full-view solid ceramic peephole plugs are 1" diameter non-tapered with heat-locked head. There is one for each section.

ELEMENT HOLDER SYSTEM
Patented hard ceramic element holders protect brick and elements from wear and loading damage. All-ceramic element connection block and hard holders makes changing elements easy.

DYNAMIC ZONE CONTROL
DynaTrol with 4 Easy-Fire programs (Slow Bisque, Fast Bisque, Slow Glaze, Fast Glaze), 6 Vary-Fire custom programs, PreHeat, Delay, Program & Segment Review, and Diagnostics. Zone control with 2 or 3 zones. Separate Type K 8 gauge thermocouples with ceramic protection tubes. Genesis touch screen control optional (see page 27).

SEPARATE PLUG-IN CONTROL PANEL
The Jupiter control panel is separate from the kiln. Keeps controls and relays cool. All sections plug into it. Hinged and removable for easy maintenance. On/off switch and control fuse included.

INSTRUCTIONS AND SUPPORT
Complete visual instructions with control reference, process information, assembly, troubleshooting, and parts list. Web videos show how to use the control. (hotkilns.com/videos)

Limited 3 year warranty. (hotkilns.com/warranty)

You can view all features of L&L Kilns at hotkilns.com/features

Sections can be added later or removed for smaller loads
DynaTrol with Dynamic Zone Control (2 zones in 18" high models, 3 zone in all other models)
Hard Ceramic Element Holders
Most Models are Cone 10 • 2350°F • 1290°C (See grid)
Choice of 2-1/2" or 3" Brick
Full-View Solid Peephole Plugs
Stainless “Easy-Lift, Easy-Load” Spring Hinge
Wide Open Easy Loading
Heavy-Duty 14 Gauge Aluminized Stand
Removable Panel for Easy Maintenance
c-MET-us listed to UL499 Standards
VENT-SURE DOWNDRAFT KILN VENT (PAGE 26)
Vent-Sure 130 CFM downdraft vent pulls air down to bottom of kiln to improve temperature uniformity and vent corrosive fumes. Bypass collection box mounted on kiln allows adjustment of venting. Fan motor, mounted away from the kilns, stays cool and no vibration is transmitted to the kiln. Now includes multi-mounting bracket. See page 26.

VENT-SURE DOWNDRAFT KILN VENT (PAGE 26)
Vent-Sure (120 volts) (M-V-VENT/00) ......................$550
Vent Doubler (M-V-VENT/DB) ..............................$160
Vent Control (M-V-CNTL/00) ..............................$165

VOLTAGE OPTIONS (PAGE 27)
240 or 208 volts, single or three phase, or international voltages. KW, amperage, and fuse size for each voltage below. No Charge except for 480 volts.

480 volts/3 phase (available only on JD2900 Series) ..........$770
NEMA 1 Panel (required for MET-us Listing) .................$770

ELEMENT OPTIONS (PAGE 28)
Quad Element Option: Four rows of elements for each 9” kiln section. Maximum element life for constant high-firing. Prices below.

APM Elements. Priced by Quote.

ROLLING KILN STAND (PAGE 28)
L&L’s rolling kiln stand features heavy gauge (14 ga) galvannealed steel construction with multiple bends for extra strength, steel swivel locking casters, integrated vent collection box support, and guide rails for the kiln. Each size is fitted to the kiln. See page 28.

Rolling Stand for 8 Sided Kiln (A-J-18RL/00) ...............$295
Rolling Stand for 10 Sided Kiln (A-J-23RL/00) .............$355
Rolling Stand for 12 Sided Kiln (A-J-28RL/00) .............$385

CONTROL OPTIONS (PAGE 27)
Genesis Touch Screen Control (N-G-GENS/OP) .............$140
KISS Computer Software (N-G-KISS/US) ....................$715
SSR Power Control for 2 Circuit Models ...................$950
SSR Power Control for 3 Circuit Models ...................$1250
SSR Power Control for 4 Circuit Models ...................$1500
SSR Power Control for 5 Circuit Models ...................$1775
SSR Power Control for 6 Circuit Models ...................$2050
Type S Platinum Thermocouples (T-G-SJUP/UG) ...........$255 each
Pyrocil metallic Thermocouples (T-G-E23M/UG) ..........$45 each
High Limit Back Up Control (N-G-PKHL/00) ...............$655
Back up Contactors Two-Section Kilns (N-G-BCJ2/00) ....$175
Back up Contactors Three-Section Kilns (N-G-BCJ3/00) ...$230
Back up Contactors Four-Section Kilns (N-G-BCJ4/00) ....$285
Back up Contactors Five-Section Kilns (N-G-BCJ5/00) ....$350

SEE PAGES 26-29 FOR THESE AND MORE OPTIONS

800-750-8350

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Options

FURNITURE KIT
Includes Cone 11 full shelves and half shelves as listed below plus a post kit which includes six each 1/2”, 1”, 2”, 4”, 6” and 8” high 1-1/2” square cordierite posts plus heat-resistant gloves.

Prices below.

---

800-750-8350
PULL APART KILNS
For Sculpture and Large Structural Ceramics

PULL-APART OPTION FOR SCULPTURE
Any Jupiter or DaVinci kiln can be made with the Pull-Apart Option.
Includes floor mount stand for control panel, lift off lid with extra handles but no hinge.
This option allows the entire kiln to be dismantled to make it easy to load large sculptural pieces. The kiln sections are unplugged and then taken off one at a time.
There is no charge for this option. However, if you want the “Easy-Lift, Easy-Load” spring hinge on the Jupiter Series there is a $240 extra charge.

More at hotkilns.com/pull-apart-kilns

An example of a super large special DaVinci Pull-Apart kiln that is 42” square by 85” high
JH SERIES
Crystalline Glaze Kilns

This is the “Thoroughbred” of kilns. Designed specifically for Crystalline Glaze firing - high, fast, responsive and precise.

Features & Benefits
- Designed specifically for firing crystalline glaze with fast heat up, fast cool down to freeze crystals and the ability to soak without prematurely aging elements
- Cone 12 • 2400°F • 1315°C
- Includes 2-1/2” of K25 2500°F firebrick on sides and bottom with a 3” thick top
- Approximately 25% more power than base models
- Quad element holder system with super heavy-duty elements
- Type S platinum thermocouples included as standard
- Dynatrol with Dynamic Zone Control. (Optional Genesis touch screen control. See page 27).
- Includes other features that are standard on the base models
- Three-year Limited Warranty

Options

FURNITURE KIT
Cone 11 full shelves and half shelves as listed below plus a square post kit plus heat-resistant gloves. Prices below.

VENT-SURE DOWNDRAFT KILN VENT (PAGE 26)
Vent-Sure (120 volts) (M-V-VENT/00). ............................................ $550
Vent Doubler (M-V-VENT/DB) ..................................................... $160
Vent Control (M-V-CNTL/00) ....................................................... $165

VOLTAGE, CONTROL AND ELEMENT OPTIONS (PAGE 27)
Voltage: Order 240 or 208 volts, single or three phase, or international voltages. KW, amperage, and fuse size for each voltage below. 480 volts is not available. No Charge for any voltage options.

Genesis Touch Screen Control (N-G-GENS/OP) ................. $140
KISS Computer Software (N-G-KISS/US) ......................... $715
SSR Power Control for 2 Circuit Models ......................... $950
SSR Power Control for 3 Circuit Models ......................... $1250
High Limit Back Up Control (N-G-PKHL/00) ................. $655
Back up Contactors Two-Section Kilns (N-G-BCJ2/00) ..... $175
Back up Contactors Three-Section Kilns (N-G-BCJ3/00) ..... $230
APM Elements ................................................................. Prices below

SEE PAGES 26-29 FOR THESE AND MORE OPTIONS

A SPECIAL KILN DESIGNED JUST FOR CRYSTALLINE GLAZE FIRING
The JH kilns feature special higher temperature K25 firebrick for extra high cone 12 firing (and faster cool-down), extra power for fast heat up, “Quad” element configuration for extra element area, super heavy-duty thick elements to hold up to the special rigors of crystalline firing, minimal insulation to allow for fast cool down, and type S thermocouples for long life. Custom variations on the basic design such as more insulation, APM elements, more power and special sizes are available by special quote.

Note that the JD2927-JH uses a floor standing large DaVinci control panel and also includes a lid brace because of the 2.5” brick insulation.


Listings: JH Series kilns are not listed to UL499 at this time because their power specifications fall outside our normal range.
DL SERIES
11”D x 9”H
Test Kilns

Features & Benefits
The DL Series is a small test kiln available in 120, 208 or 240 volts and with either a One-Touch or DynaTrol program control. It has the full range of premium L&L features such as hard ceramic element holders, Type K 8 gauge thermocouple with ceramic protection tube, full support 14 gauge aluminized steel stand, solid peephole plug with full 1” view, proprietary reflective brick coating that protects brick and minimizes dusting, and three-year limited warranty. Now features 3” Top & bottom.

Specifications
Temperature: (See below)
Cubic Feet: 0.5
Inside Diameter: 11” Inside Height: 9”
Outside Dimensions: 24” W x 21” D x 40” H

More: See hotkilns.com/spec-doll for additional information like shipping dimensions, electrical ratings, fuse sizes and wire connection sizes.

NOTE: The 240 or 208 volt versions are highly recommended for high fire applications.

Options
Furniture Kit: Includes two 9” diameter full shelves and four each of 1/2”, 1”, 1-1/2”, 2”, 2-1/2”, 3” and 4” triangular posts.

Controls: Choice of DynaTrol, Genesis touch screen control, or One-Touch Control (see below for prices and see opposit page for description of the controls.

Quad Element System (watts & amps do not change - there are four rows of elements with Quad system). Prices below.

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Kiln Price</th>
<th>Furn Kit</th>
<th>Quad Elements</th>
<th>Temperature Control</th>
<th>Cone Rating</th>
<th>Watts</th>
<th>Amps</th>
<th>Volts</th>
<th>Fuse</th>
<th>Plug</th>
<th>Lbs Kiln</th>
<th>Lbs w/Kit</th>
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<tr>
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<td>$1275</td>
<td>$140</td>
<td>$135</td>
<td>One-Touch</td>
<td>5</td>
<td>1800</td>
<td>15</td>
<td>120</td>
<td>20</td>
<td>5-15</td>
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<tr>
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<td>208</td>
<td>20</td>
<td>14-30</td>
<td>145</td>
<td>170</td>
</tr>
</tbody>
</table>

Listings: Listings: cMET-us listed to UL499.
Features & Benefits

The Fuego kiln has been used for years internationally and is now offered in the USA with even more power for faster heat up and longer element life.

The Fuego Craft Kiln reaches Cone 10 with power to spare. This ideally sized home craft kiln uses a minimal 240 volt 20 amp circuit. Includes simple One-Touch program control (or optional DynaTrol). Great for apartments or houses with smaller power systems.

L&L Premium Features: hard ceramic element holders, Type K 8 gauge thermocouple with ceramic protection tube (single zone), full support 14 gauge aluminized steel stand, two solid peephole plugs with full 1" view, proprietary reflective brick coating that protects brick and minimizes dusting, and three-year limited warranty.

Special Features: Brick thickness is 3" and also includes a layer of non-RCF fiber between the stainless steel case and firebrick for extra insulation, a door shut-off switch for the elements, and an extra peephole plug in the top for manual venting.

Specifications

Temperature: 2350°F, Cone 10
Cubic Feet: 1.5
Inside Diameter: 13.5" Inside Height: 18"
Outside Dimensions: 23" W x 27" D x 51" H

Options

Furniture Kit: Includes three 12" diameter full shelves and four each of 1", 2", 4" and 6" triangular posts.

240, 220 or 208 single phase are all standard options. 3 phase not available. No Charge for any voltage options.

Quad Element System (watts & amps do not change - elements doubled & more massive with Quad system). Prices below.

Controls: Choice of DynaTrol, Genesis touch screen control, or One-Touch Control.

More: See hotkilns.com/spec-fuego-usa for additional information like shipping dimensions, electrical ratings, fuse sizes and wire connection sizes. Listings: cMET-us listed to UL499.
LIBERTY-BELLE
16.5 or 17.5”D x 18”H
2.5 Cubic Feet
Plugs into Dryer Outlet

The perfect craft kiln and great for people who need to stay portable. The 12 foot cord plugs into your 30 amp dryer outlet!

Features & Benefits
This kiln is designed for the home. Sized at 2.5 cubic feet (16-1/2” diameter by 18” high) it features the intuitive One-Touch™ control, 3” of energy saving brick, a 12 foot long cord that plugs into a 30 amp dryer outlet, sectional construction for easy set up, cone 10 operation, fast heat up, ceramic element holders for durability and many other features. Easy to use and easy to move.

■ One-Touch™ Intuitive Kiln Control

Features:
- Easily fire bisque and glaze programs (easy to adjust cone, delay, hold, heat-up and cool-down rates). Or create 4 custom ramp/hold programs. hotkilns.com/one-touch
- 12 foot long cord with Nema 14-30 dryer type plug
- Cone 10 • 2350°F • 1290°C
- Hard ceramic element holders
- Full support 14 gauge aluminized steel stand
- Solid peephole plugs with full 1” view
- Proprietary reflective brick coating
- c-MET-us listed to UL499 standards
- Three-year Limited Warranty

Options
Furniture Kit: Includes Cone 11 shelves. One full round and four half round shelves as listed above plus four each of 1”, 2”, 4” and 6” triangular posts. Prices below.

240, 220 or 208 single phase are all standard options. 3 phase not available. No Charge for any voltage options.

Quad Element System (watts & amps do not change - elements doubled & more massive with Quad system). Prices below.

Vent-Sure Vent 120 Volt. (Page 26).................................................$550
(NOTE: The vent control is not available on this kiln)

ROLLING STAND
Rolling stand with locking casters (see page 28)...................$295

PLUG & CORD OPTIONS
Standard Nema 12 foot long 14-30 plug can be changed by customer to NEMA 14-50 (hardware is included to do this).

A 12 foot NEMA 6-30 plug, NEMA 15-50 or 6-50, NEMA 10-30 or NEMA 10-50 plug is available for prices below. A 6 foot long 6-50 plug available at no charge. All plugs can be changed in the field.

More: See hotkilns.com/spec-liberty-belle for additional information like shipping dimensions, electrical ratings, fuse sizes and wire connection sizes. Listings: cMET-us listed to UL499.
EASY-FIRE XT
Square Kilns with Easy-Fire Control Panel

Features & Benefits
■ DynaTrol Dynamic Three Zone Control (Genesis touch screen control optional. See page 27).
■ 4 Easy-Fire plus 6 Custom Programs
■ Hard Ceramic Element Holders
■ Cone 10 • 2350°F • 1290°C
■ Full-View Solid Peephole Plugs
■ Stainless Spring Hinge - Wide Open for Easy Loading
■ Full-Support Heavy-Duty 14 Gauge Aluminized Stand
■ Fold Down Angled Panel for Easy Maintenance
■ Same square body shape used in our DaVinci Series with strong arched sides with extra space added to interior dimensions for good air circulation
■ 6-50 or 15-50 plug on most models (some are direct wired - see specification sheet)
■ Three-year Limited Warranty

Options
Furniture Kit: Includes Cone 11 full shelves and half shelves as listed below plus a square post kit which includes six each 1/2", 1", 2", 4", 6" and 8" high 1-1/2" square cordierite posts plus heat-resistant gloves. Prices below.

Vent-Sure (120 volts) (M-V-VENT/00). ........................................ $550
Vent Doubler (M-V-VENT/DB) ..................................................... $160
Vent Control (M-V-CNTL/00) ................................................... $165

Voltage Options: Order 240 or 208 volts, single or three phase, or international voltages. KW, amperage, and fuse size for each voltage below. 480 volts is not available. No Charge for any voltage options.

CONTROL OPTIONS
Genesis Touch Screen Control (N-G-GENS/OP) ......................... $140
KISS Computer Software (N-G-KISS/US) ................................. $715
SSR Power Control for 2 Circuit Models ................................ $950
SSR Power Control for 3 Circuit Models ............................... $1250
High Limit Back Up Control (N-G-PKHL/00) ......................... $655
Back up Contactors Two-Section Kilns (N-G-BCJ2/00) ....... $175
Back up Contactors Three-Section Kilns (N-G-BCJ3/00) ....... $230
Type S Platinum Thermocouples (T-G-SJUP/UG) ............ $255 each
Pyrocil metallic Thermocouples (T-G-E23M/UG) .......... $45 each

ELEMENT OPTIONS (PAGE 28)
Quad Element Option: Four rows of elements for each 9" kiln section. Maximum element life for constant high-firing. Pricing below.

APM Elements: Priced by Quote.

SEE PAGES 26-29 FOR THESE AND MORE OPTIONS
DAVINCI KILNS
Square & Rectangular Top-Loading Kilns

This is L&L’s classic production kiln. Also great for Universities and high volume High School programs.

Features & Benefits

CONSTRUCTION

Sectional: Made of 9” high sections with a reversible bottom. The case is stainless steel wrapped around 3” of K23 highly insulating firebrick with 3 adjusting screw clamps per section.

Strong arched sides with extra space added to interior dimensions for good air circulation.

Spring-hinged counterbalanced top. Safety latch prevents lid from closing while loading. Design allows extra sections to be added and adjusted.

Firebrick is coated with a proprietary anti-dusting, hardening, & reflective coating.

Full-view solid ceramic peephole plugs are 1” diameter non-tapered with heat-locked head. There is one for each section.

ELEMENT HOLDER SYSTEM

Patented hard ceramic element holders protect brick and elements from wear and loading damage. All-ceramic element connection block and hard holders makes changing elements easy.

DYNAMIC ZONE CONTROL

DynaTrol with 4 Easy-Fire programs (Slow Bisque, Fast Bisque, Slow Glaze, Fast Glaze), 6 Vary-Fire custom programs, PreHeat, Delay, Program & Segment Review, and Diagnostics. Zone control with 2 or 3 zones. Separate Type K 8 gauge thermocouples with ceramic protection tubes. Genesis touch screen control optional (see page 27).

FLOOR STANDING PANEL

All controls and components are mounted in a separate control box mounted on the floor away from the kiln. Branch fused and neatly laid out circuits. On/off switch and control fuse included.

INSTRUCTIONS AND SUPPORT

Complete visual instructions with control reference, process information, assembly, troubleshooting, and parts list. Web videos show how to use the control. (hotkilns.com/videos)

Limited 3 year warranty. (hotkilns.com/warranty)

You can view all features of L&L Kilns at hotkilns.com/features
Options

**FURNITURE KIT**
Includes Cone 11 shelves as listed below plus one to three post kits which includes six each 1/2", 1", 2", 4", 6" and 8" high 1-1/2" square cordierite posts plus heat-resistant gloves. Prices below.

**CONTROL OPTIONS (PAGE 27)**
Genesis Touch Screen Control (N-G-GENS/OP)................. $140
KISS Computer Software (N-G-KISS/US).......................... $715
SSR Power Control for 2 Circuit Models.......................... $950
SSR Power Control for 3 Circuit Models.......................... $1250
SSR Power Control for 4 Circuit Models.......................... $1500
SSR Power Control for 5 Circuit Models.......................... $1775
SSR Power Control for 6 Circuit Models.......................... $2050
Type S Platinum Thermocouples (T-G-E23M/UG)............ $45 each
High Limit Back Up Control (N-G-PKHL/00).................... $655
Back up Contactors Two-Section Kilns (N-G-BCX2/00)........ $400
Back up Contactors Three-Section Kilns (N-G-BCX3/00)...... $490
Back up Contactors Four-Section Kilns (N-G-BCX4/00)....... $570
Back up Contactors Five-Section Kilns (N-G-BCX5/00)....... $655

**VENT OPTIONS**
Vent-Sure (120 volts) (M-V-VENT/00). ........................ $550
Vent Doubler (M-V-VENT/DB). ................................. $165
Vent Control (M-V-CNTL/00). ................................. $165

**VOLTAGE & POWER OPTIONS (PAGE 27)**
XB and TB elements, which have a higher KW rating, are available on the 27", 36" and 45" high DaVinci kilns.
High Power Option.............................. See High Power prices below.
240 or 208 volts, single or three phase, or international voltages. KW, amperage, and fuse size for each voltage below. No Charge except for 480 volts. See page 27 for 480 volt description.
480 volts/3 phase.............................. $770
NEMA 1 Panel (required for MET-us Listing)...................... $770

**CERAMIC FIBER LIDS**
The lid firebrick is replaced with ceramic fiber modules mounted to a metal welded frame. 2600°F ceramic fiber is folded and formed into 4" thick modules that have an alloy support system inside. The internal support of the module is stud-welded to a metal frame that matches the normal metal frame that we use in the firebrick lid. These lids will never crack or spall. The ceramic fiber is rated in temperature higher than the kiln rating so there is no concern about shrinkage of the fiber.

These fiber lids are available as either new equipment or as retrofit kits to fit older kilns. hotkilns.com/fiber-lid

**SEE PAGES 26-29 FOR THESE AND MORE OPTIONS**

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More: See see various DaVinci specification sheets at hotkilns.com/spec-davinci for additional information like shipping dimensions, electrical ratings, fuse sizes and wire connection sizes. Power Hookup: Direct wired - no plugs. For controls see hotkilns.com/dynatrol and hotkilns.com/zone. UL499: Listed by MET to UL499 Standards.

Crating: Protected with wood crate and foam-in-place packaging for shipment by Common Carrier. Depending on the model there are either two or three crates. Some smaller models can ship in skidded cartons.
eFL SERIES KILNS
Front-Loading Kilns

Features & Benefits

CONSTRUCTION
Door: Horizontal swing door. Heavy-gauge metal case with easily changed brick section. Hinge is adjustable in two planes. Includes extra insulation, and easy-to-use toggle clamps. The entire door is removable and swings 180 degrees to the case for easy moving of the kiln through doors.

Stand: Heavy gauge stand with two shelves. Levelling bolts and anchor holes included. Stand comes assembled in the US and Canada but can be disassembled for compact air shipment.

Construction: Stainless steel wrapped around brick clamped with adjustable screw clamps. Sides and top are arched for super-strength.

Assembly: Door is easily removable. All models fit through a 31” wide by 75” high door. Stand is removable.

Insulation: 3” K23 firebrick. Extra 1” of microporous super backup insulation on door to balance heat distribution.

Brick Coating: Proprietary reflective brick coating included. This helps firebrick stay strong on the surface and helps prevent dusting.

Door Element Safety Switch: Honeywell limit switch turns power off to elements when the door is open. Included as standard equipment.

Peephole Plug: One solid ceramic plug with heat-locked head. 1” diameter full-view non-tapered. Located in door center.

Safety Floor Mounts: Large metal brackets help stabilize kiln.

ELEMENT HOLDER SYSTEM
Element Holder: Patented hard ceramic element holders protect brick and elements from wear and loading damage.

Element Design: Quad heavy-duty elements on sides and back. Low watt density for long life.

Element Connections: Proprietary all-ceramic element connection block makes changing elements easy.

DYNATROL ZONE CONTROL
IN PIGGY-BACKED COOL-FIRE CONTROL PANEL
Uses the Easy-Fire Control panel (see page 4)

INSTRUCTIONS AND SUPPORT
Complete visual instructions. Web videos show how to use the control. (hotkilns.com/videos)

Engineered system for removing and installing door and moving kiln off of pallet.

Limited 3 year warranty. (hotkilns.com/warranty)
**Options**

**Furniture/Shelves Kit:** Shelves are cone 11 high alumina shelves. Each post kit includes six each 1/2", 1", 2", 4", 6" and 8" high 1-1/2" square cordierite posts. All furniture kits include heat-resistant gloves. See below for pricing.

**VENT-SURE DOWNDRAFT KILN VENT**
Vent-Sure (120 volts) (M-V-VENT/00) .................. $550
Vent Doubler (M-V-VENT/DB) ................................ $160
Vent Control (M-V-CNTL/00) .................................. $165

This kiln comes with a special bypass collection box with a long tube protruding from the back of the kiln base.

**SEE PAGES 26-29 FOR THESE AND MORE OPTIONS**
Genesis control, KISS software, vent options and more.

**Microporous Super Insulating Back up insulation** on door to balance heat load for better uniformity.

**Strong adjustable door** with easy-to-use toggle clamps.

**Glazed Ceramic Handle** stays cool.

**Shelves for storage**

**VOLTAGE OPTIONS**
Order 240 or 208 volts, single or three phase, or international voltages. KW, amperage, and fuse size for each voltage below. 480 volts is not available. No Charge for any voltage options.

**CONTROL OPTIONS**
Genesis Touch Screen Control (N-G-GENS/OP) ............... $140
KISS Computer Software (N-G-KISS/US) .................. $715
SSR Power Control for 2 Circuit Models ............... $950
SSR Power Control for 3 Circuit Models ............... $1250
SSR Power Control for 4 Circuit Models ............. $1500
High Limit Back Up Control (N-G-PKHL/00) ................. $655
Back up Contactors Two-Section Kilns (N-G-BCJ2/00) ....... $175
Back up Contactors Three-Section Kilns (N-G-BCJ3/00) ....... $230
Back up Contactors Four-Section Kilns (N-G-BCJ4/00) ........... $285
Type S Platinum Thermocouples (T-G-SJUP/UG) ........ $255 each
Pyrocol metallic Thermocouples (T-G-E23M/UG) .......... $45 each

**OPTIONAL ROLLING CASTER SYSTEM**
Locking Swivel Casters ........................................ $475
(Not available on the eFL2635)

**All models are rated to Cone 10 except the 208 volt single phase eFL1626 which is rated to Cone 5. * A special model eFL1626-208-X is rated at Cone 10 but has 56.0 amps with a 70 amp fuse and is wired direct.**

**Plugs on US Models only:** 6-50 on single phase and 15-50 on three phase for all eFL1616 models, all eFL1626 models except the special eFL1626-208-X, 3 phase eFL2026, and 3 phase eFL2626. All other models are direct wired. More: See eFL Specification Sheets at hotkilns.com/spec-eFl for shipping dimensions, electrical ratings, fuse and wire sizes. Listings: cMET-us listed to UL499. Add 14 lbs for vent option. Add 35 lbs for caster option.
HERCULES KILNS
Professional Medium Front-Loading Kilns

Features & Benefits for Hercules & Easy-Load

- Adjustable door with plug seal and fiberglass tadpole gasket for tight seal
- Heavy 12 and 10 gauge welded powder-coated case with stand and leveling pads
- Extra-tough High Temperature 2500°F 4-1/2” firebrick arch. Other insulation is 3” of K23 brick with 2” of mineral wool backup insulation
- Elements on door, sides and back for even firing
- Door power safety shut-off switch
- Hard ceramic element holders
- DynaTrol with Dynamic Zone Control (2 zones for EL2424-H, 3 zones for all others). (Optional Genesis touch screen control. See page 27).
- Type K 8 gauge thermocouples with ceramic protection tubes
- Control panel mounted with air space between it and the case
- Branch fusing in control panel
- Solid peephole plugs with full 1” view in the door (2 for EL2424H, 3 for all others)
- Proprietary reflective brick coating that protects brick and minimizes dusting
- MET-us listed to UL499 standards

MANUAL VENTILATION AND COOLING SYSTEM
There is a 2-3/4” by 1-7/8” brick plug on the top of the kiln and a sliding damper on the bottom to allow you to introduce cool air into the kiln without opening the door. (Note: this is not meant to replace the recommended Vent-Sure downdraft vent system).

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Price</th>
<th>Furn Kit</th>
<th>Inside Dimensions</th>
<th>Cubic Feet</th>
<th>Hearth Size</th>
<th>Shelves in Furn Kit</th>
<th>Hearth Height in Furn Kit</th>
<th>KW</th>
<th>240/1 Amp-Fuse</th>
<th>240/3 Amp-Fuse</th>
<th>208/1 Amp-Fuse</th>
<th>208/3 Amp-Fuse</th>
<th>480/3 Amp-Fuse</th>
<th>Lbs Kilo</th>
<th>Lbs Lbs w/Kit</th>
</tr>
</thead>
<tbody>
<tr>
<td>EL2424H</td>
<td>$9600</td>
<td>$415</td>
<td>25W x 25D x 24H</td>
<td>8</td>
<td>22” x 22”</td>
<td>(4) 11” x 22”</td>
<td>30”</td>
<td>15.0</td>
<td>63.0–80</td>
<td>55.0–70</td>
<td>73.0–100</td>
<td>63.0–80</td>
<td>28.0–40</td>
<td>1075</td>
<td>1250</td>
</tr>
<tr>
<td>EL2427H</td>
<td>$10,525</td>
<td>$540</td>
<td>25W x 25D x 27H</td>
<td>9</td>
<td>22” x 22”</td>
<td>(6) 11” x 22”</td>
<td>30”</td>
<td>15.0</td>
<td>68.8–90</td>
<td>39.6–50</td>
<td>79.3–100</td>
<td>45.7–60</td>
<td>19.8–25</td>
<td>1200</td>
<td>1450</td>
</tr>
</tbody>
</table>

Furniture Kit: Includes the Cone 11 shelves listed above plus the Large Square Post Kit and insulated gloves for unloading. More: See hotkilns.com/spec-hercules for additional information like shipping dimensions, electrical ratings, fuse sizes and wire connection sizes.

Power Hookup: Direct wired. For controls see hotkilns.com/dynatrol and hotkilns.com/zone. UL499: Listed by MET to UL499 Standards.
EASY-LOAD KILNS
Professional Large Front-Loading Kilns

Big, strong, well-built - if you need a large front-loading kiln we have it. L&L has been building front-loading kilns for over 65 years. Includes the same features as the Hercules.

Options for Hercules & Easy-Load

FURNITURE KIT
Includes Cone 11 full shelves and half shelves as listed below plus a post kit which includes six each 1/2”, 1”, 2”, 4”, 6” and 8” high 1-1/2” square cordierite posts plus heat-resistant gloves. Prices below.

VENT-SURE DOWNDRAFT KILN VENT (PAGE 26)
Vent-Sure (120 volts) (M-V-VENT/00) ........................................ $550
Vent Doubler (M-V-VENT/DB) ................................................... $160
Vent Control (M-V-CNTL/00) .................................................. $165

SPECIAL HINGE MOUNTING
Hinge mounted on right. Note: Control panel stays on the right-hand side. (Allow 4 weeks extra production time)..............$1075

POWERED BOTTOM
Powered Bottom for any model ...........................................$1475

CONTROL OPTIONS (PAGE 27)
Genesis Touch Screen Control (N-G-GENS/OP) ..............$140
KISS Computer Software (N-G-KISS/US) ......................$715
SSR Power Control for 2 Circuit Models .....................$950
SSR Power Control for 3 Circuit Models .....................$1250
Type S Platinum Thermocouples (T-G-SJUP/UG) ......$255 each
Pyrocil metallic Thermocouples (T-G-E23M/UG) .......$45 each
High Limit Back Up Control (N-G-PKHL/00) ...............$655
Back up Contactors EL2424 (N-G-BCE2/00) ...............$400
Back up Contactors (All other models) (N-G-BCE3/00) ....$490

VOLTAGE OPTIONS (PAGE 27)
240 or 208 volts, single or three phase, or international voltages. KW, amperage, and fuse size for each voltage below. No Charge except for 480 volts.

480 volts/3 phase .....................................................................$770
NEMA 1 Panel (required for MET-us Listing) ...............$770

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Price</th>
<th>Furn Kit</th>
<th>Inside Dimensions</th>
<th>Cubic Feet</th>
<th>Hearth Size</th>
<th>Shelves in Furn Kit</th>
<th>Hearth Height</th>
<th>KW</th>
<th>240/1 Amp-Fuse</th>
<th>240/3 Amp-Fuse</th>
<th>208/1 Amp-Fuse</th>
<th>208/3 Amp-Fuse</th>
<th>480/3 Amp-Fuse</th>
<th>Lbs w/Kit</th>
<th>Lbs</th>
</tr>
</thead>
<tbody>
<tr>
<td>EL2436</td>
<td>$15,450</td>
<td>$835</td>
<td>25W x 25D x 36H</td>
<td>12</td>
<td>22” x 22”</td>
<td>(8) 11” x 22”</td>
<td>29”</td>
<td>19.0</td>
<td>80.0-100</td>
<td>46.0-60</td>
<td>92.0-125</td>
<td>53.0-70</td>
<td>24.0-30</td>
<td>1350</td>
<td>1500</td>
</tr>
<tr>
<td>EL2448</td>
<td>$18,850</td>
<td>$960</td>
<td>25W x 25D x 48H</td>
<td>16</td>
<td>22” x 22”</td>
<td>(10) 11” x 22”</td>
<td>18”</td>
<td>24.2</td>
<td>101.0-125</td>
<td>59.0-80</td>
<td>117.0-150</td>
<td>68.0-90</td>
<td>30.0-40</td>
<td>1500</td>
<td>1750</td>
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<td>EL2848</td>
<td>$20,250</td>
<td>$1275</td>
<td>31W x 25D x 48H</td>
<td>20</td>
<td>28” x 24”</td>
<td>(12) 14” x 24”</td>
<td>18”</td>
<td>27.0</td>
<td>113.0-150</td>
<td>66.0-90</td>
<td>130.0-175</td>
<td>75.0-100</td>
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</tr>
<tr>
<td>EL3048</td>
<td>$23,450</td>
<td>$1325</td>
<td>31W x 31D x 48H</td>
<td>25</td>
<td>28” x 28”</td>
<td>(12) 14” x 28”</td>
<td>18”</td>
<td>31.5</td>
<td>132.0-175</td>
<td>76.0-100</td>
<td>152.0-200</td>
<td>88.0-125</td>
<td>39.0-50</td>
<td>2000</td>
<td>2300</td>
</tr>
</tbody>
</table>

Furniture Kit: Includes Cone 11 shelves listed above plus 2 Large Square Post Kits and insulated gloves for unloading. More: See hotkilns.com/spec-easy-load for additional information like shipping dimensions, electrical ratings, fuse sizes and wire connection sizes. Power Hookup: Direct wired. For controls see hotkilns.com/dynatrol and hotkilns.com/zones. UL499: Listed by MET to UL499 Standards.

Shipping & Moving: All the kilns except the EL3048 will go through a 34-1/2” wide by 75” high door. The EL3048 needs a minimum door size of 40-1/2” wide by 76” high. All Easy-Load and Hercules kilns can be moved with a pallet-jack from any side. Crated with interior support and air-cushion skids. Shipping by air-ride truck. Fill out installation checklist prior to order: hotkilns.com/front-load-checklist.
DAVINCI BELL-LIFT KILNS

Features & Benefits

Availability: DaVinci X3200-D & T3400-D Kiln Series. Also a special version exists for much larger kilns (TB644754-D).

Application: A common complaint concerning top loading kilns, the larger ones in particular, is that it is difficult to load them. This is especially true for larger pieces, and in a production environment this labor intensive job can become very expensive over time. Moreover, some people simply aren’t capable of doing this strenuous and heavy lifting. Front loading kilns are often desired because they seem to be easier to load, however, it is still a strain to put a heavy piece into the back of a front-loading kiln and these kilns are generally more expensive and difficult to move. Shuttle kilns or envelope kilns work well for loading but they are also very expensive. Bell-lift kilns are one good solution for this problem.

How it Works: The Bell-Lift accessory lifts the whole kiln up as a unit exposing the bottom of the kiln for loading from all four sides. The kiln sections and top are held together as one unit with a metal support frame. This unit is lifted up with a ratcheted hand winch mounted on the external frame. (Electric winches are available as an upgrade.) There are manual safety pins that lock the kiln in place when the kiln is fully raised.

Construction: This whole support frame is made from powder-coated heavy duty welded parts that are easily assembled on site so that the system can be easily broken down for inexpensive common carrier shipping. (It is a two to three person job to assemble the kiln. Only simple tools, like wrenches are required).


Dimensions

Height: A 18", 27" or 36" high kiln (interior) will be 105" high, and a 45" high kiln will be 123" high.

Specification sheet: hotkilns.com/spec-bell-lift

More: See see various DaVinci specification sheets at hotkilns.com/spec-davinci for additional information like shipping dimensions, electrical ratings, fuse sizes and wire connection sizes. Power Hookup: Direct wired - no plugs. For controls see hotkilns.com/dynatrol and hotkilns.com/zone.

Crating: Protected with wood crate and foam-in-place packaging for shipment by Common Carrier. Depending on the model there are either two or three crates. Some smaller models can ship in skidded cartons.

---

### Specifications

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Kiln Price</th>
<th>Power High Botm Power</th>
<th>Furn Kit</th>
<th>Quad Elem</th>
<th>Shelves in Furn Kit</th>
<th>Post Kits</th>
<th>Inside W x D</th>
<th>Inside</th>
<th>Inside</th>
<th>External</th>
<th>Stand</th>
<th>High 240/1</th>
<th>240/3</th>
<th>208/1</th>
<th>208/3</th>
<th>Lbs w/Kit</th>
<th>Lbs</th>
</tr>
</thead>
<tbody>
<tr>
<td>X3227-BL</td>
<td>$15,450</td>
<td>$990</td>
<td>$135</td>
<td>$705</td>
<td>$555</td>
<td>(6)</td>
<td>28&quot; x 14&quot;</td>
<td>30.5&quot;</td>
<td>Square</td>
<td>27&quot;</td>
<td>15.0</td>
<td>77W x 105H x 670</td>
<td>18.0</td>
<td>21.3</td>
<td>100</td>
<td>60</td>
<td>125</td>
</tr>
<tr>
<td>X3236-BL</td>
<td>$16,600</td>
<td>$990</td>
<td>$155</td>
<td>$1050</td>
<td>$755</td>
<td>(8)</td>
<td>28&quot; x 14&quot;</td>
<td>30.5&quot;</td>
<td>Square</td>
<td>36&quot;</td>
<td>20.0</td>
<td>77W x 105H x 670</td>
<td>24.4</td>
<td>28.4</td>
<td>125</td>
<td>80</td>
<td>150</td>
</tr>
<tr>
<td>X3245-BL</td>
<td>$17,750</td>
<td>$990</td>
<td>$200</td>
<td>$1225</td>
<td>$920</td>
<td>(10)</td>
<td>28&quot; x 14&quot;</td>
<td>30.5&quot;</td>
<td>Square</td>
<td>45&quot;</td>
<td>25.0</td>
<td>77W x 123H x 670</td>
<td>30.5</td>
<td>35.5</td>
<td>175</td>
<td>125</td>
<td>200</td>
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<td>X3254-BL</td>
<td>$18,900</td>
<td>$990</td>
<td>$200</td>
<td>$1225</td>
<td>$920</td>
<td>(10)</td>
<td>28&quot; x 14&quot;</td>
<td>30.5&quot;</td>
<td>Square</td>
<td>54&quot;</td>
<td>29.1</td>
<td>77W x 147H x 670</td>
<td>36.0</td>
<td>42.6</td>
<td>200</td>
<td>150</td>
<td>225</td>
</tr>
<tr>
<td>T3427-BL</td>
<td>$16,225</td>
<td>$1350</td>
<td>$150</td>
<td>$1085</td>
<td>$670</td>
<td>(9)</td>
<td>28&quot; x 14&quot;</td>
<td>30.5&quot;</td>
<td>x 43.5&quot;</td>
<td>27&quot;</td>
<td>20.7</td>
<td>89W x 105H x 700</td>
<td>24.9</td>
<td>36.5</td>
<td>125</td>
<td>80</td>
<td>150</td>
</tr>
<tr>
<td>T3436-BL</td>
<td>$17,625</td>
<td>$1350</td>
<td>$210</td>
<td>$1330</td>
<td>$895</td>
<td>(12)</td>
<td>28&quot; x 14&quot;</td>
<td>30.5&quot;</td>
<td>x 43.5&quot;</td>
<td>36&quot;</td>
<td>27.6</td>
<td>89W x 105H x 700</td>
<td>33.3</td>
<td>39.9</td>
<td>175</td>
<td>125</td>
<td>200</td>
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<tr>
<td>T3445-BL</td>
<td>$19,550</td>
<td>$1350</td>
<td>$230</td>
<td>$1815</td>
<td>$1125</td>
<td>(15)</td>
<td>28&quot; x 14&quot;</td>
<td>30.5&quot;</td>
<td>x 43.5&quot;</td>
<td>45&quot;</td>
<td>34.5</td>
<td>89W x 123H x 700</td>
<td>41.6</td>
<td>49.8</td>
<td>200</td>
<td>150</td>
<td>225</td>
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<tr>
<td>T3454-BL</td>
<td>$21,475</td>
<td>$1350</td>
<td>$230</td>
<td>$2500</td>
<td>$1125</td>
<td>(15)</td>
<td>28&quot; x 14&quot;</td>
<td>30.5&quot;</td>
<td>x 43.5&quot;</td>
<td>54&quot;</td>
<td>41.4</td>
<td>89W x 147H x 700</td>
<td>49.8</td>
<td>59.8</td>
<td>250</td>
<td>200</td>
<td>300</td>
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</tbody>
</table>

Listings: cMET-us listed to UL499 with the exception of models X3254-BL and T3454-BL because of the higher power specifications.
JUMBO BELL-LIFT KILNS
100 Cubic Foot Industrial Kiln
Model TB644754

Features & Benefits
Temperature Rating: Cone 10, 2350°F, 1290°C
Loading: The kiln lifts up with an electric winch. Safety latches hold the kiln in place while kiln is loaded.
Assembly: 9” high sections stack on top of each other. Frame easily bolts together. A forklift or overhead crane should be used in the assembly.
Kiln Construction: Unique shallow side arches create super-strong sides and allow for plenty of space for air circulation.
Insulation: 3” K23 firebrick on sides and top. 4” ceramic fiber module top (RCF or Non-RCF depending on maximum temperature required).
Brick Coating: Reflective coating protects brick and reduces dusting.
Element Holders: Ceramic holders protect brick.
Elements: Heavy-duty. 3 elements per 9” high section.
Control Panel: Floor mounted NEMA 1 panel separate from kiln. Kiln sections attached to panel with 105°C cords. Mechanical contactors with control relays. Branch fusing. An On/Off switch and control fuse are included. Direct electrical hook-up to terminal block.
Control: DynaTrol with 4 Easy-Fire programs, 6 Vary-Fire programs, PreHeat, Delay, Program & Segment Review, and Diagnostics. (Others available - see Control options on page 27)
Zone Control: Three zone.
Peephole Plugs: Non-fragile solid ceramic with heat-locked head. 1” diameter full-view non-tapered. One per section.
Thermocouples: Type K 8 gauge with ceramic protection tubes.
Relays: Mercury free relays.
Instructions: Complete instructions with control reference, troubleshooting, and parts list. Web videos show how use the control. There is also a video showing the bell-lift raising and lowering. (hotkilns.com/jumbo-bell-kilns-raising)

Specifications
Voltage: 480/3P KW: 87.8
Amps: 106 Fuse: 150 amps Wire Size: 2/0
Inside Dimensions: 66” W x 47”D x 54”H
Outside Dimensions: 96” W x 74” D x 160” H
Minimum Space Requirements: 120” wide by 98” deep by 165” high.
Ship Weight: 4000 lbs. Ships on a dedicated truck.
Listings: TB644754 is not listed to UL499 at this time because its power specifications fall outside our normal range.

MORE INFORMATION
General Dimension Drawings: See hotkilns.com/general-dimension-drawing-tb644754
See hotkilns.com/jumbo-bell-lift-kilns for more photos and assembly information.
Pricing.................................................................$55,875

Not
UL499
Listed
L&L kilns are used in many industries including advanced industrial ceramics, abrasives, aerospace, piezo ceramics, optical glass, heating processes, melting, preheating for welding, annealing, stress-relieving, solution hardening, calcining, and steel heat treating.

The wide range of standard designs and built-in heavy-duty durability features allow L&L to quickly and economically configure many designs for rigorous production use.

Special industrial controls are available from Eurotherm, Honeywell, Watlow and others.

Our sister company, L&L Special Furnace Co., Inc., makes aerospace grade heat treating furnaces.

Call L&L to discuss your needs. We have years of experience to share.

(hotkilns.com/industry)

LARGE FRONT-LOAD KILNS

hotkilns.com/large-custom-front-loading-kilns

We design and build special larger front-loading kilns beyond the standard EL sizes.

CAR BOTTOM KILNS

hotkilns.com/car-bottom-kilns

The ELC3648 Car Kiln works with a standard pallet jack for easy moving of the car and great sealing.

L&L also makes large traditional car bottom and shuttle kilns.
CUSTOM LARGE POLYGONAL KILNS
hotkilns.com/large-polygonal-kilns

L&L makes Polygonal Kilns and Heater Sections of Almost Any Size

Custom polygonal kilns with 4-1/2” of firebrick are available by special quote. L&L can make almost any diameter and any height in multiples of 9” high sections. There are three elements per 9” high section. The base is made of welded angle-iron with leveling bolts. The bottom is typically 4-1/2” of K23 brick. These are typically cemented in sections and then held together with a stainless steel band. The top is typically made of 4” thick folded and formed ceramic fiber modules. Temperatures are limited to 2350°F (1285°C).

SPECIAL ALLOY RETORTS FOR ATMOSPHERE CONTROL

We design special high temperature retorts using various alloys like 316, 330 and Inconel 601 for high temperature work in a controlled environment.

LARGE SQUARE & RECTANGULAR KILNS
hotkilns.com/custom-davinci-kilns

L&L designs and builds custom square and rectangular DaVinci kilns. Sizes are very flexible. The top is typically made of 4” thick ceramic fiber modules.

Industrial kilns are all by special quote and are only sold direct by the factory. Send an email with your requirements. Be sure to include process, size and temperature requirements. Send email to industry@hotkilns.com
OPTIONS AND ACCESSORIES

VENT-SURE DOWNDRAFT KILN VENT SYSTEM

The L&L Vent-Sure has the strongest fan motor in the industry - great for schools and other difficult installations.

Features

■ Downdraft venting pulls air down to bottom of kiln
■ Improves temperature uniformity inside the kiln
■ Powerful 130 CFM fan motor, typically mounted on wall, allows fumes to be under vacuum in your studio
■ The strong fan motor helps overcome static pressure in long exhaust lines. The duct may be up to 60 feet in length, and include up to four 90° bends
■ 120 volts with on/off switch on cord (240 volts available)
■ 15 foot long flexible aluminum duct
■ Bypass collection box mounted on kiln allows adjustment of venting.
■ Fan motor, mounted away from the kilns, stays cool and no vibration is transmitted to the kiln
■ Multi-Mount Bracket comes with the Vent System - allows you to mount vent motor in various positions.
■ Three-year Limited Warranty
■ c-MET-us Listed to UL499 standards for use on c-MET-us L&L Kilns (Easy-fire, School-Master, Jupiter, Davinci, Ergo-Lift). MET-us Listed to UL499 standards on Hercules, and Easy-Load kilns).

PRICES

Vent-Sure for 120 Volts (primarily used in the USA)
M-V-VENT/00 ................................................................. $565

Vent-Sure for 220-240 Volts (Usually non-USA)
M-V-VENT/EU ............................................................... $615

MORE INFORMATION: hotkilns.com/vent-sure

VENT OPTIONS

VENT DOUBLER

You can get a vent doubler option which allows you to vent two kilns that are each up to 10 cubic feet. (Note: Consider buying the Multi-Mount Bracket). Includes all parts necessary to vent two kilns - up to 10 cubic feet each with one vent. (hotkilns.com/doubler)

M-V-MVENT/DB ............................................................ $160

VENT CONTROL

The Vent Control allows you to automatically control the operation of the Vent-Sure kiln vent with one of the outputs from the DynaTrol (or Genesis). (hotkilns.com/vent-control)

M-V-CNTL/00 ................................................................. $165

VENT-SURE DOWNDRAFT KILN VENT SYSTEM

You can get a vent doubler option which allows you to vent two kilns that are each up to 10 cubic feet. (Note: Consider buying the Multi-Mount Bracket). Includes all parts necessary to vent two kilns - up to 10 cubic feet each with one vent. (hotkilns.com/doubler)

M-V-MVENT/DB ............................................................ $160

VENT CONTROL

The Vent Control allows you to automatically control the operation of the Vent-Sure kiln vent with one of the outputs from the DynaTrol (or Genesis). (hotkilns.com/vent-control)

M-V-CNTL/00 ................................................................. $165
CONTROL & POWER OPTIONS

GENESIS TOUCH SCREEN CONTROL
The Genesis control from Bartlett includes a touch screen interface and WiFi connectivity added to the proven software of the DynaTrol. Available on any kiln that would get a DynaTrol. Now includes a phone app that monitors temperatures in the kiln.

N-G-GENS/OP ................................................................. $140

KISS SOFTWARE
Kiss (kiln interface software system) connects up to 50 DynaTrol controllers to a personal computer running Windows. Monitor and control kiln remotely. For the DynaTrol and Genesis only.

Kiln Kit Package for Extra Kilns (N-G-KISS/KK) .................. $70
KISS Starter Kit with USB Connection (N-G-KISS/US) ........ $715

HIGH LIMIT BACK UP CONTROL
Bartlett High Limit Control with latching relay acts as a back up to the main control. If the main control fails for any reason then this acts as a “back stop” and shuts the kiln down. Available on Jupiter, DaVinci, Hercules and Easy-Load kilns only.

N-G-PKHL/00 ................................................................. $655

BACK UP CONTACTORS
Actuated by the High Limit Back Up Digital Control, back up contactors are completely redundant power contactors so that if one or more contactors fail in a closed position, then the kiln still cannot climb above the High Limit set point. Needs a large box. Available on Jupiter, DaVinci, Hercules and Easy-Load kilns only.

Jupiter Two-Section Kilns (N-G-BCJ2/00) ......................... $175
Jupiter Three-Section Kilns (N-G-BCJ3/00) ...................... $230
Jupiter Four-Section Kilns (N-G-BCJ4/00) ...................... $285
Jupiter Five-Section Kilns (N-G-BCJ5/00) ....................... $350

DaVinci Two-Section Kilns (N-G-BCX2/00) ..................... $400
DaVinci Three-Section Kilns (N-G-BCX3/00) ................... $490
DaVinci Four-Section Kilns (N-G-BCX4/00) .................... $570
DaVinci Five-Section Kilns (N-G-BCX5/00) ..................... $655

EL2424 (N-G-BCE2/00) .............................................. $400
EL2427 & All Easy-Load Kilns (N-G-BCE3/00) ............... $490

120 VOLT POWER SUPPLY
If there are problems with short power outages, voltage spikes, voltage drops, or excessive environmental line noise, this can cause unpredictable behavior in the electronic control. With this option the control is powered by a separate 120 volt line (with a standard 6 foot long cord) and that voltage is filtered though an EMI (Electrical Magnetic Interference) noise filter. Available on all kilns.

L-G-EMIF/00 ............................................................... $225

SOLID STATE RELAYS
Industrial Grade Solid State Relays are quiet and result in longer element life because the switching time is so fast the elements don’t heat and cool as much the way the will with regular mechanical contactors. The whole system includes heat sinks, special fast acting fuses, cooling fan and extra safety relays.

SSR Power Control for 2 Circuit Models ......................... $950
SSR Power Control for 3 Circuit Models ......................... $1250
SSR Power Control for 4 Circuit Models ......................... $1500
SSR Power Control for 5 Circuit Models ......................... $1775
SSR Power Control for 6 Circuit Models ......................... $2050

Note: Panels with 6 circuit need to use the larger NEMA1 panel for an extra $770.

INDUSTRIAL CONTROLS
Eurotherm and other industrial controls are available. Available on DaVinci, Jupiter and Easy-Load kilns only.

( hotkilns.com/eurotherm3 ) ........................................ Priced by Quote

480 VOLTS/3 PHASE
Available for Jupiter 28” diameter kilns, DaVinci kilns, Hercules, and Easy-Load kilns. Kiln sections are hard wired to power box with flexible cords.

( hotkilns.com/480 ) .................................................. $770

NEMA 1 CONTROL BOX:
480 volts becomes MET-us listed with this extra option. Also used in industrial applications. .............................. $770

THE POSITIVE DOOR INTERLOCK SWITCH
Features a strong mechanical latch that must be turned before the door can be opened. The turning of this latch breaks all power to the kiln as if you had used an external power disconnect switch or pulled the power cord from its socket. Only available on Easy-Fire and School-Master kilns.

( hotkilns.com/door-interlock ) K-E-LATC/00 .................. $330

THERMOCOUPLE OPTIONS

TYPE S THERMOCOUPLES
The best thermocouple for constant high fire applications. No thermocouple drift. Priced per thermocouple. For a single zone control you will need one, a two zone kiln two, a three zone control three. Note that kilns with four or more sections still only have a three zone control.

( hotkilns.com/type-s ) T-G-SJUP/UG (Price per thermocouple) .................. $255

PYROCIL SHEATHED THERMOCOUPLES
For greater sensitivity to temperature change. Use below 2200°F for sensitivity (glass is a good example). See above note about quantity required for Type S thermocouples.

( hotkilns.com/pyrocil-tc ) T-G-E23M/UG (Price per thermocouple) .......... $45

800-750-8350
OPTIONS AND ACCESSORIES

ELEMENT OPTIONS

QUAD ELEMENT OPTION
Four rows of elements for each 9" kiln section. For maximum high-fire element life. The combination of 1/2" diameter element coils, the doubled surface area of the Quad element design, and superior heat transfer of L&L's patented ceramic element holders, make this the best element system in the world today. Available on most L&L kilns as an option. Standard on eQuad-Pro and JH Series. (hotkilns.com/quad) ...................... See Price Grids

APM SINTERED ELEMENTS
Available as a special option. Increases element life in certain situations. (hotkilns.com/apm) ...................... Priced by Quote

UNPOWERED SHORT SECTIONS
These rings are 4-1/2" high and can be put anywhere on the sectional Jupiter and DaVinci kilns. (hotkilns.com/unpowered-sections-jupiter-kilns) (hotkilns.com/unpowered-sections-davinci-kilns)
See hotkilns.com/parts and filter for unpowered sections to get pricing.

POWERED BOTTOMS
Available on some Jupiter and DaVinci kilns....... See price grids

STAND OPTIONS

ROLLING KILN STAND
L&L’s rolling kiln stand features heavy gauge (14 ga) galvannealed steel construction with multiple bends for extra strength, steel swivel locking casters, integrated vent collection box support, and guide rails for the kiln. Each size is fitted to the kiln.
Important special caution plates are riveted to three sides of the stand. The vent collection box is not included but, when you order a Vent-Sure vent system the longer duct is included with the system.

Rolling Stand for 8 Sided Kiln (A-J-18RL/00) ......................$295
Rolling Stand for 10 Sided Kiln (A-J-23RL/00) ......................$355
Rolling Stand for 12 Sided Kiln (A-J-28RL/00) ......................$385

SEISMIC KILN RACK AND BRACE
This special stand is designed to prevent a top-loading sectional kiln from falling over during an earthquake. (hotkilns.com/earthquake-resistant-brace)
Seismic Stand for any 14" to 28" polygonal kiln up to 45" high ..................................................$525
Other kilns.......................................................... Priced by Quote

CUSTOM OPTIONS
Discuss your custom needs with us. We customize our kilns for industrial applications and special ceramic needs. We can make very tall kilns, very large diameter kilns, add special holes, make ceramic fiber tops, use mercury relays and SSRs, add insulation. We have many years of industrial and special design experience.
SQUARE POSTS ARE CUT SQUARE

L&L sells the highest grade ceramic extruded posts. They are very straight (even in lengths up to 12" long), precision cut for squareness (which makes shelves stable), and are strong without being excessively thick.

### Posts & Post Kits

**POST KITS**

**Large Square Post Kit**
(Six each 1”, 2”, 4”, 6” & 8” square posts) (C-G-SPKT/LG) .................. $180

**Small Square Post Kit**
(Four each 1”, 2”, 4”, 6” & 8” square posts) (C-G-SPKT/SM) .................. $120

**DL Series Post Kit**
(Four each of 1/2", 1", 1-1/2", 2", 2-1/2", 3" & 4" triangular posts)
(C-G-TPKT/DB) .................. $74

**Liberty-Belle Post Kit**
(Four each 1", 2", 4" & 6" triangular posts) (C-G-TPKT/LB) .................. $49

**Large Triangular Post Kit**
(Six each 1”, 2”, 1-1/2”, 2”, 2-1/2”, 3”, 4”, 5” & 6” triangular posts)
(C-G-TPKT/01) .................. $145

**Small Triangular Post Kit**
(Four each 1", 2", 3", 4", 5” & 6” triangular posts) (C-G-TPKT/00) .................. $78

**SQUARE POSTS (1-1/2” SQUARE)**

- 1/2” Square Post (C-G-S005/00) .......... $2.90
- 1” Square Post (C-G-S010/00) ........ $4.00
- 2” Square Post (C-G-S020/00) .......... $4.50
- 4” Square Post (C-G-S040/00) .......... $5.05
- 6” Square Post (C-G-S060/00) .......... $6.25
- 8” Square Post (C-G-S080/00) .......... $7.25

**TRIANGULAR POSTS**

- 1/2” Square Post (C-G-S005/00) .......... $2.90
- 1” Square Post (C-G-S010/00) ........ $4.00
- 2” Square Post (C-G-S020/00) .......... $4.50
- 4” Square Post (C-G-S040/00) .......... $5.05
- 6” Square Post (C-G-S060/00) .......... $6.25
- 8” Square Post (C-G-S080/00) .......... $7.25

**FREIGHT FOR SHELVES AND FURNITURE KITS**

Depending on the quantity and size of shelves, posts and furniture kit(s) ordered, the order may have to ship by common carrier freight. Skid/carton charge ...... $55

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### Round & Polygonal Shelves

**11” DIAMETER KILNS**

**For Doll/Test Kilns**
Full Round 9” diameter shelf (3/8” thick)
(H-D-9000/00) .................. $31

**14” DIAMETER KILNS**

**For Fuego Kilns (with 3” brick)**
Full Round 12” diameter (1/2” thick)
(H-J-1200/00) .................. $36

**For J14 Kilns (with 2-1/2” brick)**
Full Round 13” diameter (1/2” thick)
(H-J-1300/00) .................. $36

**16-1/2” DIAMETER KILNS**

**For LB18-3, e18S-3 & e18T-3, and J18-3 kilns with 3” brick**
Full Round 15” diameter (5/8” thick)
(H-J-150A/00) .................. $45

**17-1/2” DIAMETER KILNS**

**For LB18, e18S & T, and J18 kilns with 2-1/2” brick**
Full Octagonal 15-1/2” diameter (5/8” thick)
(H-J-150A/00) .................. $45

**22” DIAMETER KILNS**

**For e23S-3, e23T-3, SM23T-3, & J2300-3 kilns with 3” brick**
Full Round 20” diameter (3/4” thick)
(H-J-2005/00) .................. $44

**23” DIAMETER KILNS**

**For e23S, e23T, SM23T & J2300 kilns with 2-1/2” brick**
Full Round 21” diameter (3/4” thick)
(H-J-2100/00) .................. $87

### Rectangular Shelves

**SQ1818, SQ1827, EL1824, EL3648 X1800 SERIES**

- 8” x 16” rectangular (5/8” thick) .......................... $39
- 16” x 16” square (3/4” thick) .......................... $75

**X2300 SERIES, E2181XT, E2327XT**

- 10” x 20” rectangular (5/8” thick) .......................... $52

**X2800 SERIES, E2818XT, E2827XT**

- 11-1/2” x 23” rectangular (3/4” thick) .......................... $66

**T2300 SERIES, EL2424-H, EL2427-H, EL2436 & EL2448**

- 11” x 22” rectangular (3/4” thick) .......................... $64

**EFL2026**

- 10” x 24” rectangular (3/4” thick) .......................... $64

**EFL2626, EFL2635**

- 12” x 24” rectangular (3/4” thick) .......................... $66

**EL2848, EFL1616, EFL1626**

- 14” x 24” rectangular (3/4” thick) .......................... $78

**X3200 SERIES, T3400 SERIES & EL3048**

- 28” x 14” rectangular (3/4” thick) .......................... $84
SIGNATURE L&L FEATURES

HARD CERAMIC ELEMENT HOLDERS - KEY TO L&L’S DURABILITY

The smooth, hard surface of the inside ceramic channel allows the elements to expand and contract freely. No pins! This prevents catastrophic element failure. Elements do not droop out of broken firebrick channels. The dense ceramic DynaGlow holders extend element life because they do not insulate the hot elements from the kiln interior.

OTHER DURABILITY FEATURES

PROTECTED THERMOCOUPLES

L&L thermocouples are shielded from damage by a ceramic protection tube. We use the finest “special limit” aerospace-grade heavy-gauge thermocouple wire. (hotkilns.com/tc-protection)

CERAMIC ELEMENT TERMINALS

Ceramic element terminals make element changes easy. (hotkilns.com/ceramic-terminal)

SOLID PEEP PLUGS

Solid straight ceramic peephole plugs are strong and will not slip out like tapered, fragile, slip-cast plugs. (hotkilns.com/peephole-plugs)
CORROSION RESISTANCE
Stainless steel, aluminized, and galvannealed steel are used where needed. All other metal is powder-coated which also resists corrosion. ([hotkilns.com/corrosion-resistant])

PROPRIETARY BRICK COATING
L&L’s proprietary reflective brick coating protects the surface of the firebrick and keeps dusting down inside the kiln. ([hotkilns.com/reflective-coating])

LID BRICK IS SECURED WITH CLIPS
Stainless “U” brackets secure lids - not friction. ([hotkilns.com/lid-clips])

FULL-SUPPORT STANDS
On all polygonal kilns we use a Full-support 14 gauge aluminized steel stand is stronger than hollow frame stands and provides important support in the center of the bottom. ([hotkilns.com/full-stand])

PERFORMANCE

DYNA TROL IS EASY AND POWERFUL
DynaTrol with 4 Easy-Fire programs (Slow Bisque, Fast Bisque, Slow Glaze, Fast Glaze), 6 custom programs, PreHeat, Delay, Program, Segment Review, and Diagnostics. ([hotkilns.com/dynatrol])

DYNAMIC ZONE CONTROL
The DynaTrol separately measures temperatures in the bottom, middle and top of the kiln and automatically adjusts the heat output of three zones during the entire firing. Kiln temperatures are automatically equalizes to within 1/2 cone or better top to bottom. Zone control automatically compensates for many loading issues and element changes over time. Even on kilns where we use graded elements, L&L kilns are fundamentally uniform because the element holders radiate the heat more evenly. ([hotkilns.com/zone])

“EASY-OPEN, EASY-LOAD” LID OPENS WIDE FOR LOADING
The whole kiln supports the lid (not just one section). Our positive safety pin secures the lid safely. No support bars (like other kilns) get in the way of loading when the lid is fully tilted back. ([hotkilns.com/spring-hinge])

SAFETY

UL499 LISTING
Most L&L kilns are c-MET-us listed to UL499 standards. See each kiln series for details. ([hotkilns.com/ul499])

SAFE MATERIALS
No asbestos, mercury, lead, or other hazardous materials are used in L&L kilns.

SAFETY LATCHES ON LIDS
All lids and lifting devices include a safety latching system. On/Off & safety switches.

MAINTAINABILITY

L&L KILNS ARE EASY TO TROUBLESHOOT
Open up any L&L kiln control panel and see how easy it is to check amps, element resistance, and voltage. No other kiln can be serviced as quickly, easily, or inexpensively as an L&L kiln.

SECTIONAL CONSTRUCTION MAKES REPAIR WORK EASY
All top-loading L&L kilns are sectional. Even the large 35 cubic foot standard DaVinci kiln is easy to move, set up, and repair.

THREE-YEAR WARRANTY
See hotkilns.com/warranty. Email, web and phone support.

IN-DEPTH SUPPORT
One customer said: “I am truly impressed with your website, it is more than informative and your products are well designed. The fact that all the information, including repair manuals, are listed, speaks well of your dedication to customer service.” Our website has thousands of pages of technical help - all easily searchable - plus we provide expert support with phone and email.

VISUAL INSTRUCTIONS
No one has a better or more complete instruction manual. Our visual instructions address the needs of the artist, the installer, and the repair person. You get a fully illustrated operation and service manual. Various instructional videos are available. ([hotkilns.com/videos])
WHAT L&L CUSTOMERS SAY

BILL CAMPBELL
“I make a living out of my five L&L kilns. I really beat them up, firing them at least three times a week to Cone 10. They take a real beating and keep on going.”

DIANE EMERSON
“I switched to L&L because of the deterioration of the element channels in my last kiln. I load larger tiles and I need the extra durability on the face of the firebrick.”

FRANK GIORGINI
“My original L&L (JZ927) has provided outstanding service and reliability through the firing of countless pots, tiles, udu drums, sculptures and two New York City MTA Subway projects. It’s still in service right next to my DaVinci kiln.”

More Information & Support at hotkilns.com

Prices in this catalog are subject to change without notice. Prices are always current on our web site. Find complete specifications, support videos, photos, parts, PDF Library, and thousands of pages of knowledgebase information easily, using our sophisticated search engine.