

L&L KILN PRODUCT SELECTION CHART

MODEL / SERIES ▶	EASY-FIRE Automatic (Top Loading)	SCHOOLMASTER Automatic (Top Loading)	JUPITER JD Automatic (Pull-Apart Sculpture)	JUPITER JD Automatic (Custom Top Loading)	eQUAD PRO Automatic (Top Loading)	JH SERIES Automatic (Crystalline Glaze)	HERCULES Automatic (Front Loading)
Intended Use & Customer Type	Schools, Institutions, Serious hobby potters	K-12 Schools, Contemporary Studios	Sculpture	Potters, Institutions & Industry making a wide variety of work with a need to customize their kiln.	Production Studios, Universities, Large High School Programs, Production Potters	Crystalline Glazing & High Fire applications	Industry, Production Studios, Universities
Basic Kiln Description	Best all-around value in a top loading kiln. Most popular.	Ideal kiln for schools & studios who want accurate and reliable set and forget firings.	Kiln pulls apart. Sections plug into floor mounted panel.	Customizable top loading kiln.	Heavy-duty, high-powered top loading production kiln.	Cone 12, fast heat up and fast cool-down specialized for crystalline glaze, loading kiln.	Medium-sized industrial grade front-loading kiln.
Price Range	High value for inclusive features	Low	Inexpensive way to do sculpture	Moderate	Moderate	Premium	Moderate
Temperature Range	Cone 10 , 2350°F, 1290°C (Cone 5 for 1-ph. e28T)	Cone 6 , 2280°F, 1250°C (Cone 5 for 208 volt/1-ph. SM28T-3)	Cone 10 , 2350°F, 1290°C (Cone 5 for JD23 & JD2918)	Cone 10 , 2350°F, 1290°C (Cone 5 for JD23 & JD2918)	Cone 10 , 2350°F, 1290°C	Cone 12 , 2400°F, 1315°C	Cone 10 , 2350°F, 1290°C
Sizes	10 sizes: D: 18", 23", & 28" H: 18" & 27"	3 sizes: D: 23" & 28" H: 27"	20 sizes: D: 18", 23", 29" H: 18", 27", 36", 45"	20 sizes: D: 18", 23", 29" H: 18", 27", 36", 45"	2 sizes: D: 28" H: 27" & 36"	4 sizes: D: 18", 23", 29" H: 18" & 27"	2 sizes: 25"W x 26"D x 24"H (8 ft3) 25"W x 26"D x 27"H (9 ft3)
Shape	8, 10, & 12 sided polygon	10 & 12 sided polygon	8, 10, & 12 sided polygon	8, 10 & 12 sided polygon	12 sided polygon	8, 10, & 12 sided polygon	Rect. Front-Loading Box, Arched Roof
Hinge	Spring-assisted hinge. Full support when open.	Spring-assisted hinge. Full support when open.	None. Lid lifts off (extra handles included)	Simple hinge with chains on 8 sided, spring hinge on 10 & 12 sided.	Spring-assisted hinge. Full support when open.	Simple hinge with chains on 8 sided, spring hinge on 10 & 12 sided.	Heavy-Duty hinge, door swings to the left. Right-side opening door is optional
Stand	Solid 14 gauge aluminized steel	Solid 14 gauge aluminized steel	Solid 14 gauge aluminized steel	Solid 14 gauge aluminized steel	Solid 14 gauge aluminized steel	Solid 14 gauge aluminized steel	Integrated welded stand
Insulation	8, 10-side: 2.5", 3" 12-side: 3" only	10-side: 2.5", 3" 12-side: 3" only	2.5" or 3"	2.5" or 3"	3"	K25 Firebrick, 2.5" on sides & bottom, 3" on lid.	3" plus 2" mineral wool back up
Elements	4 or 6 elements	6 elements	2 per section on 8 & 10 sided, 3 per section on 12 sided.	2 per section on 8 & 10 sided, 3 per section on 12 sided.	6 or 8 elements, quad-wrapped system	4 or 6 elements, quad-wrapped system	4 or 6 elements around kiln interior, 4 or 6 elements on door
Voltage	208 or 240 volt, 1-ph. only for 18" H & 3-ph. for 27" H	208 or 240 volt, 1 or 3-ph.	208 or 240 volt, 1 or 3-ph. 480 volt/3-ph. optional on 12 sided kilns	208 or 240 volt, 1 or 3-ph. 480 volt/3-ph. optional on 12 sided kilns	208 or 240 volt, 1 or 3-ph.	208 or 240 volt, 1 or 3-ph.	208 or 240 volt, 1 or 3-ph., 480 volt/3-ph. optional.
Temperature Control	DynaTrol (4 Presets, 6 User Programs)	One-Touch (2 Presets, 4 User Programs)	DynaTrol (4 Presets, 6 User Programs)	DynaTrol (4 Presets, 6 User Programs)	DynaTrol (4 Presets, 6 User Programs)	DynaTrol (4 Presets, 6 User Programs)	DynaTrol (4 Presets, 6 User Programs)
Zone Control	Yes	No	Yes	Yes	Yes	Yes	Yes
Thermocouple	8 ga Type K with protection tube. Type S optional. One per zone	8 ga Type K with protection tube. One per kiln	8 ga Type K with protection tube. Type S optional. One per zone	8 ga Type K with protection tube. Type S optional. One per zone	8 ga Type K with protection tube. Type S optional. One per zone	Type S with alumina protection tube.	8 ga Type K with protection tube. Type S optional. One per zone
Control Box	Piggy-Backed onto element box	Mounted to kiln	Floor standing control panel: sections plug into	Offset control panel, sections plug into	Piggy-Backed onto element box	Offset control panel, sections plug into. (piggy-backed on the e23S-JH)	Separate contactor box on left, DynaTrol in panel
Control Fuse	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Branch Fusing of Circuits	No	No	No (up to JD230) Yes (JD236 and above)	No (up to JD230) Yes (JD236 and above)	Yes	No (JD18-JH & e23S-JH) Yes (JD230-JH & JD2927-JH)	Yes
Peepholes	One per section	One per section	One per section	One per section	One per section	One per section	Two or Three per kiln
Vent	Optional Vent-Sure	Optional Vent-Sure	Optional Vent-Sure	Optional Vent-Sure	Optional Vent-Sure	Optional Vent-Sure	Optional Vent-Sure
UL499 Listing	c-MET-us	Pending	c-MET-us	c-MET-us	Pending	no listing	MET-us
Warranty	3 year	5 year	3 year	3 year	3 year	3 year	3 year

* All models use L&L Dyna-Glow hard ceramic element holders.

* All models include O

* All models use Sectional Construction except Front-Loading Kilns.

* All models use 1" dia

* Additional Door Shut-off Switch also included on all Front-Loading Kilns.

* All models fit through

NOTE: The Easy-Fire XT Models will not be listed until they are in production (summer 2010)

L&L KILN PRODUCT SELECTION CHART

EASY-LOAD Automatic (Front Loading)	DAVINCI Automatic (Top Loading)	DAVINCI Automatic (Bell-Lift)	JUPITER Manual (Custom Top Loading)	DURA-FIRE Manual (Top Loading)	DOLL / TEST Manual & Automatic (Top Loading)	LIBERTY-BELLE Automatic (Top Loading)
Industry, Production Studios, Universities, Sculpture	Production Studios, Universities, Large High School Programs, Tile Manufacturing	Sculpture, Large pottery, Industrial	Manual kiln lovers who want manual zone control and custom size choice.	People who want the latest in old-fashion technology.	Hobbyist, Professional test kiln. Minimal electrical needs.	Hobbyist potters, Home use, portability
Large industrial grade front-loading kiln.	Premium square or rectangular top loading kiln.	Kiln lifts up on gantry style lift for easy loading and access all around.	Customizable top loading kiln.	Durable top loading kiln at a good price. Excellent for difficult environments.	Small top loading kiln.	Small top loading kiln. Plugs into 30 amp dryer outlet.
Premium	Premium	Premium	Moderate	Low to Moderate	Low to Moderate	Low to Moderate
Cone 10 , 2350°F, 1290°C	Cone 10 , 2350°F, 1290°C	Cone 10 , 2350°F, 1290°C	Cone 10 , 2350°F, 1290°C (Cone 5 for J23 & J2918)	Cone 10 , 2350°F, 1290°C (Cone 5 for D28T)	Depends on model - up to Cone 10 , 2350°F, 1290°C	Cone 10 , 2350°F, 1290°C
4 standard sizes: Cube: 8 ft ³ to 25 ft ³ , and Up to 30" Sq x 45" H	20 sizes: Sq: 22", 26.5", 30.5" Rect: 26.5" x 35.25", 30.5" x 43.5" H: 18", 27", 36", 45"	8 sizes: Sq: 30.5" Rect: 30.5" x 43" H: 18", 27", 36", 45"	11 sizes: D: 17", 23", 29" H: 18", 27", 36", 45"	6 sizes: D: 17", 23", 28" H: 18", 27"	1 size: 11" D x 9" H	1 size: 16.5" D x 18" H
Rect. Front-Loading Box, Arched Roof	Square, Rectangular	Square, Rectangular	8, 10 & 12 sided polygon	8, 10 & 12 sided polygon	6 sided polygon	8 sided polygon
Heavy-Duty hinge, door swings to the left. Right-side opening door is optional.	Spring tubes counterbalanced with welded frame	None. Bell lifting mechanism instead	Simple hinge with chains on 8 sided, spring hinge on 10 & 12 sided.	Simple hinge with chains on 8 sided, spring hinge optional on 10 sided, included on 12 sided	Simple stainless steel hinge with door chains	Simple stainless steel hinge with door chains
Integrated welded stand	Welded angle-iron base w/ plate of aluminized steel	Welded angle-iron base w/ plate of aluminized steel	Solid 14 gauge aluminized steel	Solid 14 gauge aluminized steel	Solid 14 gauge aluminized steel	Solid 14 gauge aluminized steel
3" plus 2" mineral wool back up	3"	3"	2.5" or 3"	8, 10-side: 2.5", 3" 12-side: 3" only	2.5"	3" (with 2.5" optional)
Varies with size, elements on door, optional on bottom	3 per section; heavy-duty, optional on bottom on larger sizes	3 per section; heavy-duty, optional on bottom on larger sizes	2 per section on 8 & 10 sided, 3 per section on 12 sided.	4 or 6 elements	3 elements	4 elements
208 or 240 volt, 1 or 3-ph., 480 volt/3-ph. optional.	208 or 240 volt, 1 or 3-ph., 480 volt/3-ph. optional.	208 or 240 volt, 1 or 3-ph., 480 volt/3-ph. optional.	208 or 240 volt, 1 or 3-ph., 480 volt/3-ph. optional on 12 sided kilns	208 or 240 volt, 1-ph. only	120 volt/1-ph. standard, 208 or 240 volt, 1-ph. high powered version available	208 or 240 volt, 1-ph. only
DynaTrol (4 Presets, 6 User Programs)	DynaTrol (4 Presets, 6 User Programs)	DynaTrol (4 Presets, 6 User Programs)	Orton Sitter/Timer, Infinite zone switches	Orton Sitter/Timer, Hi-Med-Low Switch	Orton Sitter/Timer, One-Touch, or DynaTrol	One-Touch (2 Presets, 4 User Programs)
Yes	Yes	Yes	One Infinite switch per zone	One Hi-Med-Low switch per zone	No	No
8 ga Type K with protection tube. Type S optional. One per zone	8 ga Type K with protection tube. Type S optional. One per zone	8 ga Type K with protection tube. Type S optional. One per zone	None. Optional multi-zone pyrometer with thermocouples	None. Optional multi-zone pyrometer with thermocouples	Exposed 8 Ga Type K w/ Bartlett, 8 Ga Type K w/ Protection tube w/ DynaTrol (Manual: None. <i>Optional Pyrometer w/ thermocouple</i>)	Exposed 8 Ga Type K
Separate contactor box on left, DynaTrol in panel	Floor standing box, sections plug into, hand-held DynaTrol	Floor standing box, sections plug into with extra long cords, hand-held DynaTrol	Offset control panel, sections plug into, Orton separate on kiln	Piggy-Backed onto element box	Mounted to kiln	Mounted to kiln
Yes	Yes	Yes	No	No	Yes (with automatic)	Yes
Yes	Yes	Yes	No (up to J230) Yes (J230 and above)	No	No	No
Three per kiln	One per section	One per section	One per section	One per section	One	Two
Optional Vent-Sure	Optional Vent-Sure	Optional Vent-Sure	Optional Vent-Sure	Optional Vent-Sure	No	Optional Vent-Sure
MET-us	c-MET-us	c-MET-us (except for TB634754 which is not listed)	c-MET-us	no listing	no listing	Pending
3 year	3 year	3 year	3 year	3 year	3 year	3 year

n/Off switch

imeter Peephole Plugs (non-tapered for full view).

1 28" doorway, except Front-Loading Kilns (see front-loader specification sheet for details).