

CUSTOM TUNNEL KILNS

SPECIFICATIONS SHEET



CERTIFIED:
ISO 9001:2015

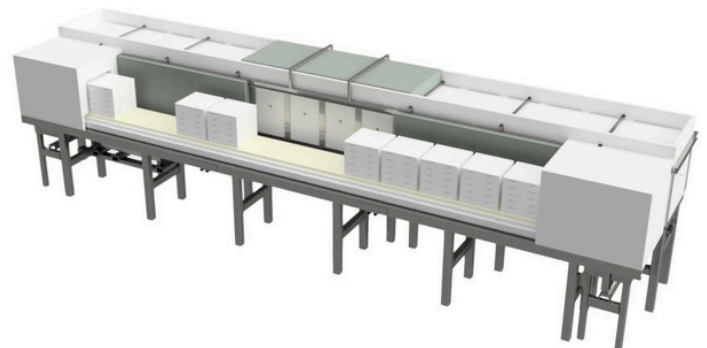


**NUCLEAR QUALITY
ASSURANCE**
ASME NQA-1:2008

PRODUCT OVERVIEW

Changing from electric fired to gas fired furnaces can result in significant changes in product outcomes. A custom Deltech pilot scale tunnel kiln offers a great way to scale up while duplicating the conditions found in resistance heated batch furnaces. Depending on your process parameters, a tunnel kiln might be preferable to a production size “top hat”, bottom loader, or front load furnace, while still maintaining the rapid heating and cooling and exceptional temperature uniformity characteristic of Deltech non-continuous furnaces.

- Sustained operating temperatures up to 1800 degrees Celsius.
- Fiberboard or ceramic lined
- Single or multizone including preheat and cool down sections
- Optional controlled atmosphere capability
- The ability to add additional length as product demand grows
- Control systems that are custom, like your new kiln
- Control systems are certified by Intertek UL508A compliant



CUSTOM SMALL-SCALE TUNNEL KILNS

Information we need from you to start the design process:

- Product characteristics
- Workspace size
- Desired operating temperatures
- Number of zones
- Temperature requirements of individual zones
- Product dwell time at the desired temperatures

Concerned about your proprietary process? We will gladly sign an NDA.
Unsure of what features your custom tunnel kiln might need? We can help.

Control Systems

Every Deltech control system is certified by Intertek to be UL508A compliant. Standard safety features include an emergency stop, door interlocks, safety relay, and isolation switches.

Nema One enclosures with a side hinged front door opening allows easy access to all components.

All tunnel kilns come standard with Allen Bradley Compact Logix PLC and HMI for multi-zone temperature control. Other PLC/HMI combinations are available upon request (Siemens, HMS, etc.)

Deltech Control Systems Include:

- Control Concepts power controllers.
- Maddox transformers.
- Olsun transformers.



We are renowned for our custom work.

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CONTACT US!

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