

CAR TUNNEL KILNS

DESCRIPTION

Lindberg car tunnel kilns are modularly constructed with rigidly a reinforced heavy-duty steel shell. Flexibility is built into each kiln, allowing additional preheat, high heat, or cooling modules to be easily installed to accommodate future process changes or increased production needs. Temperature range to 1800°C.

Improvements in temperature uniformity and internal pressure control are obtained through the use of crown blasts and radiation baffles. Selection and location of heating elements or gas burners provide minimum temperature gradients within the work zone. Lightweight insulating refractories are strategically applied to minimize heat loss at high operating temperatures.

Lindberg oven sections provide preheating and binder removal when used in conjunction with high temperature kiln sections. The oven sections feature balanced recirculating capacity and heat input.

FEATURES/BENEFITS

- Modular construction speeds delivery and provides future expandability
- Versatile, Lindberg kilns can handle many different applications
- Lightweight refractories contribute to exceptional operating economy choice of electric powered or fuel-fired models
- Rugged, low maintenance construction provides years of service life.



Models made to your specifications

OPTIONS

- Various control and recording instruments
- Various material handling systems
- Atmosphere systems

APPLICATIONS

- Calcining
- Ceramic firing
- Sintering
- Preheating
- Drying



Lindberg's capabilities cover the entire industrial thermal processing field. Our complete line includes:

Heat Treating: Process-proven batch and continuous atmosphere heat processing equipment to perform full production and pilot plant metal treating. This includes a complete range of industrial ovens, process gas generating equipment and washers.

Maintenance, Repair, Parts: Service includes expert installation, rebuilding and preventive maintenance on Lindberg and other makes of heat treating furnaces.

Die Casting: Lindberg/MPH non-ferrous melting and holding furnaces and molten metal launders.

Light Industrial/Laboratory: We offer customer-configured light industrial box, crucible and tube furnaces and process controls, as well as a full range of industrial ovens and environmental test chambers for research/development and production.

Lindberg manufactures a full line of industrial heating equipment for some of the most rigorous and exacting applications known. We also put our process-proven experience and knowledge to work in developing heating systems to meet your specialized requirements. Contact your nearest Lindberg sales office and tell us your needs—we will provide a way to meet them.

All specifications are subject to change without notice. All dimensions are approximate.

LINDBERG

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