

Electric Batch Oven



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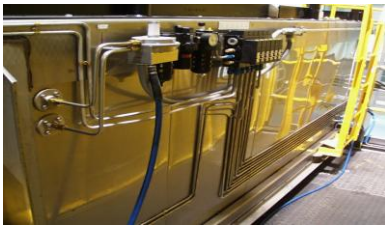
The Lanly Company has specialized in the engineering and manufacturing of customized ovens and dryers for over 65 years. This particular batch oven was designed to cure Coated Cathode products. The oven curing process both heats and cools the product to specified parameters.



FEATURES



- ▶ Counterweighted vertical lift door with electric motor drive, dual gasket with 4-point pneumatic clamping seal system and safety hook.
- ▶ Custom designed support car for easy product loading.
- ▶ Stainless steel interior and exterior.
- ▶ Mineral wool insulated panels to ensure thermal efficiency.
- ▶ Custom designed drying system and cooling chamber.
- ▶ Ladders, handrails, walkway and safety fencing.
- ▶ Complete access along one side of oven for inspection, duct removal and cleaning.
- ▶ Temperature monitoring system utilizing a video chart recorder/data logger
- ▶ A stainless steel NEMA 12 control cabinet with selector switches, indicating lights, pushbuttons and temperature control instruments.



DESIGN SPECIFICATIONS

- ▶ Process – Cure coating on cathodes
- ▶ Car design speed – 17 FPM (approx)
- ▶ Method of Charging – Electrically driven transport car
- ▶ Product Rate – Three (3) cathodes per batch
- ▶ Approximate system dimensions– 14'-0" long x 13'-6" wide x 13'-10" high
- ▶ Water Evaporation – 1,320 lbs.
- ▶ Heat input rating – 750 kW
- ▶ Exhaust fan – 4,300 CFM max.
- ▶ Max Operating temperature – 400°C (752°F)
- ▶ Air Pressure – 80 PSI
- ▶ Heating medium – Electric
- ▶ Voltage – 460 Volts, 3 Phase, 60 Hertz



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