

Crankshaft Tempering Batch Oven



Tempering Oven

The Lanly Company has specialized in the engineering and manufacturing of ovens and dryers for over 70 years. This system was designed to temper steel crankshafts. The airflow design provides for a side-to-side air stream with a high volume air circulation for efficient product processing and close uniformity. The product is lift truck loaded onto a load car positioned outside the oven, which will carry the product inside the oven workspace.



FEATURES

- ▶ System entire construction is aluminized steel
- ▶ 6" thick insulated hinged bi-parting doors
- ▶ A chamber access cover
- ▶ Heating chamber observation window
- ▶ A NEMA 12 pre-wired instrument cubicle with flange mounted main disconnect switch
- ▶ A shop pre-piped and pre-wired F.M. gas manifold



Side View

DESIGN SPECIFICATIONS

- ▶ Process – Temper steel crankshafts
- ▶ Loading arrangement – Two (2) stacks of two (2) racks per batch
- ▶ Approximate overall system dimensions – 12'- 5" wide x 21'- 0" long x 16' - 0" high
- ▶ Production rate – Four (4) racks per eight (8) hour shift
- ▶ Product weight – Maximum 32,000 lbs. per batch
- ▶ Max operating temperature – 750°F
- ▶ Process time - Approximately seven (7) hours
- ▶ Heating – One (1) zone
- ▶ Heating medium – Natural gas
- ▶ Voltage – 460 Volts, 3 Phase, 60 Hertz



The Lanly Company

26201 Tungsten Road
Cleveland, OH 44132
Phone: (216) 731-1115 Fax: (216) 731-7900
Email: sales@lanly.com
Web: www.lanly.com