

HIGH EFFICIENCY REHEAT FURNACES

The J.L. Becker High Efficiency Reheat Furnace is compatible with many existing furnace lines. Our state-of-the-art engineering offers accurate temperature uniformity, rapid time to temperature and manufacturing to meet your requirements. We provide a wide range of industrial heat treating solutions to position us as the preferred source in the thermal heating industry.

FEATURES

| | |
|----------------|--------------------------|
| Heating: | Gas or Electric |
| Temp Range: | 500°F - 2400°F |
| Insulation: | Fiber, Brick or Castable |
| Load Capacity: | 5,000lbs - 100,000lbs |

STANDARD SIZES

| Max Load (lbs) | Width (ft) | Length (ft) | Height (ft) |
|----------------|------------|-------------|-------------|
| 5,000 | 5 | 6 | 4 |
| 8,000 | 6 | 6 | 6 |
| 10,000 | 7 | 7 | 7 |
| 20,000 | 12 | 7 | 7 |

Custom-engineered sizes are also available upon request.



EQUIPMENT CUSTOMIZATION

- Fully Compatible with Existing Equipment
- PLC Logic Control
- Recirculating Fans
- Computer Management System
- Variable Load Sizes and Capacities
- Manual or Automated Load Systems
- Atmospheres (Nitrogen, Methanol, Endothermic Gas, Natural Gas, Ammonia or Air)



| | Sinterite | C.I. Hayes | J.L. Becker |
|--|-----------|------------|-------------|
| Continuous Belt Furnaces | | | |
| Sintering Furnaces | A | A | A |
| Brazing Furnaces | A | A | A |
| Steam Treat Furnaces | A | | A |
| Annealing Furnaces | A | A | A |
| Normalizing | | | A |
| Stress Relief Furnaces | | | A |
| Tempering Furnaces | A | | A |
| Mesh Belt Furnaces | | | A |
| Solid Belt Furnaces | A | | |
| Humpback Conveyor Furnaces | A | A | A |
| Other Continuous Furnaces | | | |
| Pusher Furnaces (2000°-3000° F) | A | A | |
| Pusher Furnaces (below 2000° F) | | | A |
| Roller Hearth | | | A |
| Walking Beam | | A | |
| Vacuum Furnaces | | | |
| Continuous & Modular | | V | |
| Batch | | V | |
| Integral, Gas, Pressure & Oil Quench | | V | |
| Batch Furnaces | | | |
| Sintering Furnaces | A | V | |
| Carburizing Furnaces | | V | |
| Normalizing Furnaces | | | A |
| Spheroidize Annealing Furnaces | | | A |
| Stress Relieving Furnaces | | | A |
| Brazing Furnaces | A | V | A |
| Annealing Furnaces | A | V | A |
| Tempering Furnaces | A | V | A |
| Box & Slot Furnaces (above 2000° F) | | | A |
| Steam Treat Furnaces | A | | |
| Bell (Carbon) Furnaces | A | | |
| Quenching Furnaces | | | A |
| Tip-Up Furnaces | | | A |
| Tempering Pit Furnaces | | | A |
| Carburizing Pit Furnaces | | | A |
| Nitriding Pit Furnaces | | | A |
| Car Bottom Furnaces | | | A |
| Tool Room Furnaces | A | V | |
| Atmosphere Generators | | | |
| Exothermic Gas up to 3000 CFH | | A | A |
| Exothermic Gas up to 20000 CFH | | | A |
| Endothermic Gas up to 12000 CFH | | | A |
| Ammonia Dissociators up to 10000 CFH | | A | A |
| Atmosphere Dryers | | A | |
| Quench Systems | | V | A |
| Parts Washers | | | • |
| Charge Cars | • | | • |
| Fabrications | • | | • |
| Automation | • | | |
| Vacuum Impregnators | • | | |
| Accelerated Delubrication Units | • | | |
| Sinter Hardening/Accelerated Cooling Units | • | | |
| Powder Handling Equipment | • | | |
| Powder Blenders | • | | |
| 500# Barrel Dumpers | • | | |
| Bulk Pack Inverters | • | | |
| Powder Bag Hangers | • | | |
| Furnace Load/Unloaders | • | • | • |
| Rebuild Services | • | • | • |
| Spare Parts | • | • | • |
| Training | • | • | • |
| Field Service | • | • | • |

KEY
 A: Atmosphere
 V: Vacuum