

# 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