

Hot-Jet Log & Billet Furnace



We invented the flame-impingement furnace, the tunnel furnace, and the jet preheat furnace. Hundreds of manufacturing plants around the world have **GRANCO CLARK** furnaces; some more than 30 years old and still on the job.

When we introduced our direct flame-impingement concept over 50 years ago, we set a new standard in the extrusion industry. That design has continued to evolve, most notably by the addition of an energy-saving "hot-jet" preheat section. It is still the fastest, most energy-efficient way to heat billets and logs.

Flame-Impingement Furnace:

- One of the most energy efficient
- Hot-Jet preheat section
- Thermal efficiency up to 70%

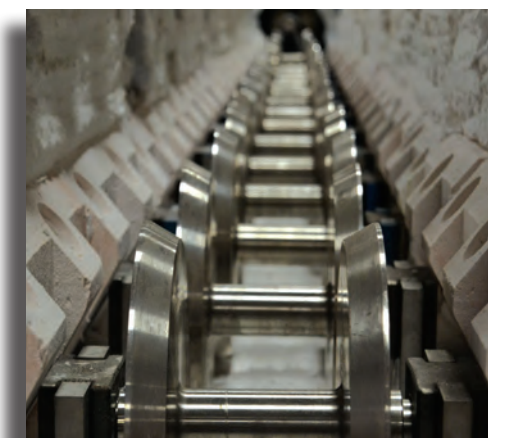
Improved Thermal Performance:

- New nozzle design
- New nozzle distribution
- Efficient hot air return

Low Maintenance Transport:

- Large diameter rollers in machined bearings
- 5 year maintenance-free warranty on new style rollers
- Easy "lift-out" replacement of bearings and rollers

- Counter flow preheating system that captures and recirculates exhaust gases providing a broad energy curve
- State-of-the-art temperature control systems for superior temperature uniformity
- Furnace chamber pressure controller prevents cold air intake
- Charge and discharge equipment suitable for any application
- Multiple fuel source options
- Linkage free, fully modulating flame-impingement zones: high performance and low maintenance
- Automatic zone temperature set-points for ease of operation



- **No Maintenance "EZ Roll" Rollers and Rail**
- **Optimized Flame Impingement**
- **High Efficiency At All Throughput Rates**
- **Low Fuel Consumption**



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