

# Infrared Die Ovens



The **GRANCO CLARK** Infrared Die Oven provides the fastest die heating times available. It heats dies uniformly in less than 25 percent of the time required by traditional die ovens. While a typical die for a mid-size press takes approximately four hours in a convection oven, the **GRANCO CLARK** Infrared Die Oven brings the same die to temp in less than 60 minutes.

This fast heat-up increases production flexibility making it easier to adjust scheduling if a die breaks or when a rush order is received. Dies can be placed in the oven much closer to the time when they're actually needed, minimizing the time they spend at high temperature, extending die life.

All internals are protected against damage from die mishandling.

**Controlled Temperature:**

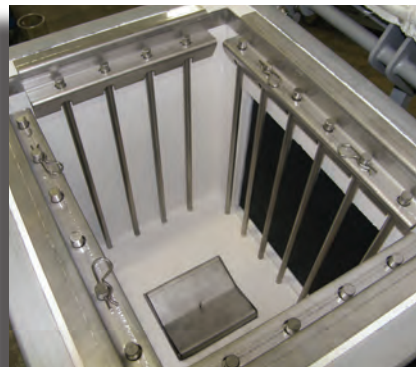
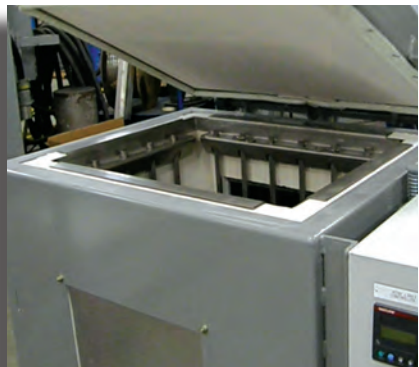
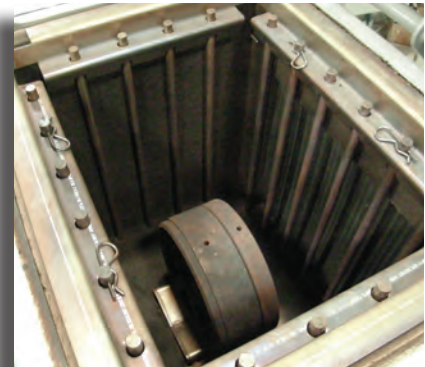
- Triple thermocouples (Air, Die and Elements) to ensure dies are evenly heated
- Measured die temperature allows reheating warm dies

**Built To Last:**

- Strong 3/16" (5mm) shell, stainless steel interior

Oven	Typical Press	Maximum Die	Heating Time
1. Model 20	1,800 ton	14" diameter, 7" thick	Approximately 60 minutes
2. Model 30	2,750 ton	18" diameter, 10" thick	Approximately 75 minutes
3. Model 40	3,600 ton	22" diameter, 12" thick	Approximately 90 minutes

- Die Temp Monitoring - *No Die Damage*
- Long Life Heaters with Over-temp Protection
- Customizable Configurations
- Heat the Die, Not the Air







## Extrusion expertise that's always within reach

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