

Die Ovens



For the extrusion process to run smoothly, accurate temperatures are key. Nowhere is this more important than at the press. Not only must the billet be heated to the correct temperature, the die must be as well. A die that isn't at the proper temperature when it is needed will slow the operation down, and add stress to the press.

With **GRANCO CLARK** Die Ovens, airflow and recirculation are engineered for quick and uniform heating. This results in less downtime, less strain on the press, and better surface quality for the extrusion.

One of the hallmarks of **GRANCO CLARK** Die Ovens is their durability. They feature strong shells that are extremely resistant to the impacts of die mishandling. You'll spend very little time maintaining them, and they're constructed with maintenance in mind.

Whatever your operational and budgetary parameters are, there's a **GRANCO CLARK** die oven that will meet them.



- **Leader in Heat Up Times**
- **Convection, Radiant and Hybrids Available**
- **Many Configurations Available Top/Front/Even Bottom Load**
- **Cool Skin Temperatures**

Chest-Type Model

- Rugged construction
- Well designed air-circulation system
- Top opening, hinged lid or sliding lid
- Longevity
- Low maintenance
- Space savings

Multi-Compartment Model

- Multiple, individually heated drawers, each capable of holding several dies
- Easy access to all dies
- Top-quality construction
- Simultaneous heating of dies with different thermal requirements, increasing productivity
- Better thermal uniformity (less need to mix cold dies with hot dies)
- Reduced heat loss during die handling, which saves energy and increases temperature uniformity for better profile quality
- Increased safety
- Increased efficiency
- Durability
- No reaching required

Infrared Model (see page 51, 52)

Infrared Hybrid

- Convection oven reliability with faster heat-up times
- Top-loading and front-loading designs are available
- Less thermal stress
- Excellent for large die sizes

