

Features	Benefits
Chest-Type Model	
Rugged construction	<ul style="list-style-type: none"> • Longevity • Low maintenance
Well-designed air-circulation system	<ul style="list-style-type: none"> • Quickly heats dies to temperature
Top-opening, hinged lid	<ul style="list-style-type: none"> • Easy access to dies, which increases safety • Space savings
Multi-Compartment Model	
Multiple, individually heated drawers, each capable of holding several dies	<ul style="list-style-type: none"> • Simultaneous heating of dies with different thermal requirements, which increases productivity • Better thermal uniformity (less need to mix cold dies with hot dies) • Reduced heat loss during die handling, which saves on energy and increases temperature uniformity for better profile quality
Easy access to all dies	<ul style="list-style-type: none"> • Increased safety • Increased efficiency
Top-quality construction	<ul style="list-style-type: none"> • Durability
Infrared Model	
One of the fastest methods of heating available—brings individual dies to heat in approximately 60 minutes	<ul style="list-style-type: none"> • Production flexibility
Top-opening, hinged lid	<ul style="list-style-type: none"> • Easy access to dies
Rotary Model	
Moves selected dies(s) under door opening for charging and discharging, eliminating cold air infiltration of other compartments	<ul style="list-style-type: none"> • Dies are heated more uniformly for better-quality profiles • Energy savings
Single-point loading and unloading	<ul style="list-style-type: none"> • Ideal for use with automated die-handling system

Extrusion Expertise That's Always Within Reach

Granco Clark's commitment to assuring maximum equipment performance has earned us a record of more successful extrusion installations than any other company in North America.

First, we work with you to recommend the right equipment for your particular needs. Our highly experienced employees, together with our ISO-9001-certified quality assurance system, ensure a smooth acquisition from purchase order to up-and-running. Once equipment is

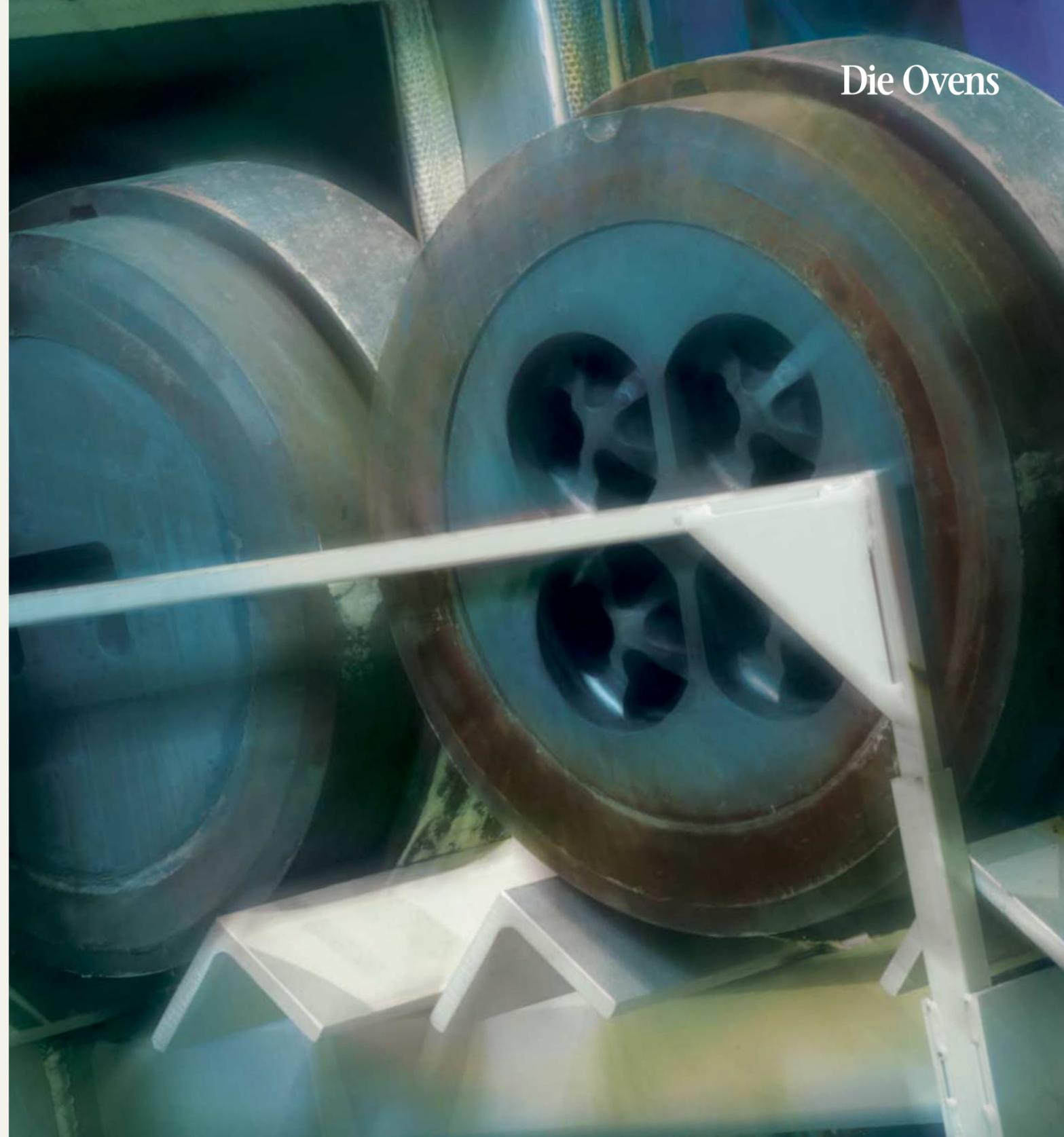
installed, we adjust it, train your personnel to operate it, and get it into service quickly.

After installation, we follow up to make sure equipment is performing at peak efficiency and that you're completely satisfied. And we back all of our equipment with the industry's best warranty.

We never stop being your key resource. Need a part? Order replacement parts any day of the week, any time with our 24-hour parts hotline—more than 80% are available for delivery the next day or sooner.

If equipment goes down, help is available immediately with Granco Clark's modem support. Service is free during standard business hours, with additional assistance available 24/7. We'll run diagnostics on your system via modem and walk you through any repairs.

With Granco Clark, you have peace of mind that your extrusion line is delivering the highest possible performance and productivity. And you can count on us for continued service and support over the full life of your equipment.



Performance. Productivity. Peace of Mind.

For more information contact us by phone, e-mail, or visit our web site.

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Durable. Low Maintenance.
 Energy Efficient.



Multi-Compartment Oven: Guardian of Heat

Of course, the fact is that not all alloys and profiles run best at the same temperature, yet the traditional chest-type oven treats them all alike. If an extruder is running various dies with different requirements, that can become very expensive and wasteful.

The Granco Clark multi-compartment oven solves that problem by providing a number of individually heated drawers, each capable of holding several dies. There is no danger of costly temperature-contamination, because there's no need to place cold dies in with hot dies. It also provides easy access to all dies, which reduces heat loss during die handling. The result: greater productivity, higher profile quality.



The Granco Clark multi-compartment die oven features individually heated drawers, minimizing heat loss and providing convenient die handling.

Infrared Oven: Fastest Heating Available

Our single-cell infrared die oven is one of the fastest methods for bringing individual dies to heat. It uniformly heats the die to the required temperature within 60 minutes, depending on the dimensions and surface area of the die. A top-opening, hinged lid provides easy access to the die.



The Granco Clark chest-type die oven is a rugged and economical option for die heating.

Rotary Oven: The Automatic Choice for Automation

The Granco Clark rotary die oven consists of a rotating turntable with individual die cradles. The turntable rotates to move selected dies under the door opening for charging and discharging. This means minimal cold infiltration at the door opening, thus more uniformly heated dies and improved energy efficiency. The rotary oven is particularly well-suited to automatic die storage/retrieval systems, due to its single-point loading and unloading.

For the extrusion process to run smoothly, the right temperatures are key. And 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's called for will slow your operation down and add stress to the press.

Fast, Uniform Heat-Up

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.

Die Ovens That Can Take It

One of the hallmarks of Granco Clark die ovens is their durability. They feature strong shells that are extremely resistant to the impact of dies hitting the outer walls. You'll spend very little time maintaining them, and they're constructed to be particularly easy to repair.

Suited to Your Operation... and Budget

Whatever your operational and budgetary parameters, there's a Granco Clark die oven that will meet them. Granco Clark manufactures several types of die ovens—including chest-type, multi-compartment, and rotary styles. The chamber is sized to

your specifications, and both gas and electrically heated designs are available.

Chest-Type Oven: The Workhorse

Our classic chest-type die oven features simple, extremely rugged, low-maintenance construction. One of the most popular conventional-style die ovens in the industry, the Granco Clark chest-type oven is built for economy and long life. The air-circulation system is designed to quickly heat dies to the required temperature without annealing. A top-opening, hinged lid makes it easy to access dies and increases safety.