

Drawer Ovens

Batch ovens (below)

The mark of a leader in the infrared industry is to be able to meet the challenges of new applications. No application is ever just like the last one. Blasdel Enterprises, Inc. prides itself in being prepared to discover the best way to utilize infrared for your job. Through process testing, engineering and experience, we can help you purchase equipment that is solidly built for years of service with minimal maintenance. The following is a small sampling of the equipment we custom design for each of our valuable customers.



Custom Configurations



Using Innovative Technology To Meet The Challenges Of Today And Tomorrow

Increase Production

Energy Efficient

Low Environmental Impact

Flexible

Precise Temperature Control

Space Savings

Clean Products

Low Maintenance



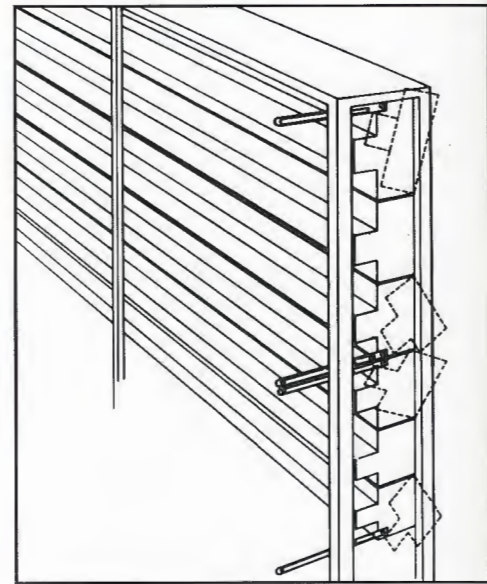
Meeting Challenges With Technology And Imagination

Blasdel Enterprises, Inc. offers an extremely versatile infrared oven for processing a variety of parts and coatings. It is ideal for job shops. The most flexible oven available just got better by adding adjustable height settings. Selected rows of the Adjustable Height oven may tilt upward or downward to accommodate multiple products.

The standard Adjustable Width oven features varying opposed widths to "focus" the radiant panels at the appropriate distance from the product, zoning in height and length, and a modular design. Minimal floor clearances are required for framing since a "clutter free" overhead design is used. Areas of the oven that are not required for a given part may be turned off independently.



Portable units



Travel Oven: Blasdel Enterprises, Inc. offers travel ovens for jobs that seem too large to handle. This economical design allows equipment to be moved in the paint area, masked, painted, and dried without moving again. This results in reduced handling time and a more durable, quality finish. Second colors can be applied quickly. Travel ovens are ideal for cranes, RV's, vans, construction equipment, buses, trains, and other large equipment.



Top only horizontal (above), color matched equipment (below)

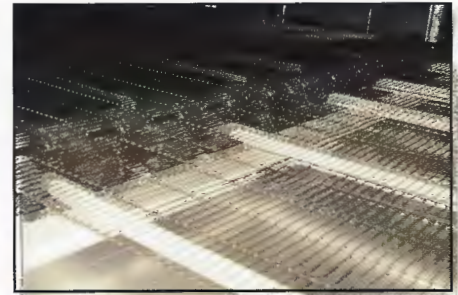
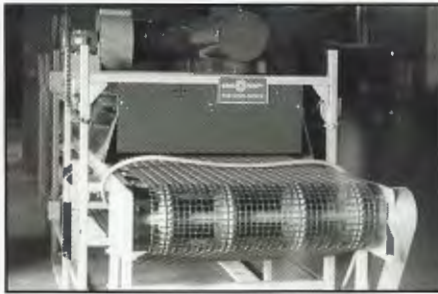
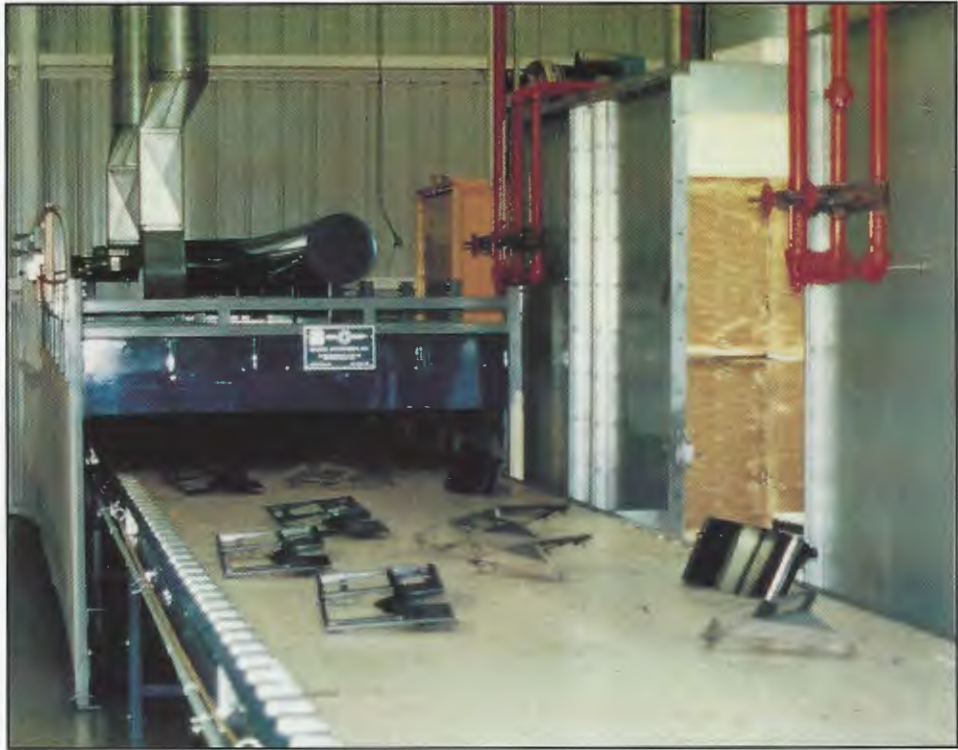
Case Goods Oven: This oven is designed for any indexed or batched case goods item. With infrared heaters on the three sides and on the end doors, products requiring carefully controlled heat settings can be processed with consistency. Custom dimensions and unlimited zoning are available. Typical products using this design include desks, tables, caskets, cabinets, etc.



Conveyors:

Blasdel Enterprises, Inc. manufactures a variety of conveyors for use with their ovens or as stand alone units. By purchasing the conveyor with the oven, you are guaranteed that proper consideration has been given to the temperature requirements of the belt. Other conveyor manufacturers may try to cut costs by decreasing the ratings on the belt resulting in downtime later.

Choose from stainless steel wire mesh belts, square flat steel belts or a variety of rubber compound belts including butyl, teflon, etc. Slider bed, roller bed (powered and gravity) and slat conveyor designs are used according to your product requirements. Fixed or variable speed drives are available with indexing controls as an option.



Some Typical Uses for Blasdel Ovens and Conveyors:

Metals

- Degreasing
- Drying foundry molds and sand cores
- Moisture dryoff
- Expansion parts fitting

Electrical

- Drying motors
- Drying electrical varnishes
- Soldering

Foundries

- Preheating molds

Plastics

- Softening plastics for pressure and vacuum forming
- Drying and curing sheets
- Heat sealing
- Prosthetics
- Compression molding

Adhesives

- Drying
- ### Packaging
- Heat shrink

Wood

- Curing catalyzed materials
- Drying filters, lacquers, toners, varnishes, sealers
- Drying printed finishes
- Setting adhesives

Textiles

- Setting flock
- Silk screening

Paper and Printing

- Drying inks
- Silk screening

Glass

- Silk screening
- Drying mirrors
- Preheating plate glass

Rubber

- Curing
- Curing latex
- Heating rubber adhesives

Textiles

- Setting flock
- Silk screening

Space Heaters

