

# OVENS

BRINGING ON THE HEAT



## OVENS:

Batch ovens, conveyorized ovens, infrared zones, convection curing ovens, dry-off ovens and various custom heat processing solutions are at the heart of Therma-Tron-X's capabilities. TTX is experienced at designing units that fit spatial needs and utility requirements. TTX ovens can be incorporated into finishing systems or configured as stand alone units.

TTX oven heat processing technologies include aging, annealing, baking, curing, drawing, normalizing, and preheating.

Contact a TTX sales engineer to learn more.

## BENEFITS:

TTX ovens feature aluminized steel interiors, with blowers, fans, and ductwork sized for optimal air circulation. Benefits of TTX oven systems include: elevated platforms, special material handling systems, cleaning features for Class A finishes, uniform air distribution, recirculation, filtration, fast ramp-up, quick purge, low energy requirements, and heat recovery and reuse.

## HEATING UNITS:

- Baking and dehydration ovens
- Porcelain enameling ovens
- Non-stick surfacing ovens
- Multi-zoned ovens
- Both direct and indirect heat input
- Special use ovens
  - Aluminum aging ovens
  - Coil potting equipment
  - Palletizing shrink-wrap ovens

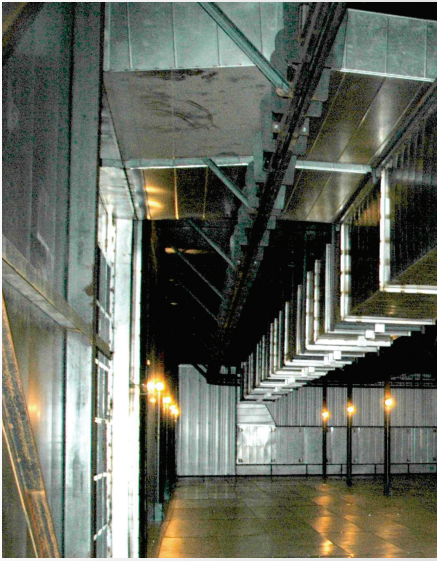
## AVAILABLE FEATURES:

- Automatic exhaust ratios based on production rate
- Minimized heat loss with proprietary slot-rail panel design
- Air velocity control
- VFD recirculation blower controls
- Low horsepower propeller fans for increased air flow
- Interior and exterior ovens
- Purge Fans

Creative thinking allows TTX to develop a system that meets our customers' unique requirements.







### PRACTICAL APPLICATIONS:

Most industrial coating processes require some application of heat. TTX heating systems can utilize electric, oil, steam, and gas heat sources and are available in conveyorized and batch designs. From pots and pans to automotive bodies, TTX ovens can be designed to handle any product.

### COST EFFECTIVENESS:

Therma-Tron-X's ovens are designed for more efficient use of floor space. TTX ovens utilize variable frequency blower drive systems in order to save energy and lower costs. Unique panel designs greatly minimize heat transfer to the skins of the oven exterior, reducing heat loss and energy usage.

## YOUR BEST FINISH STARTS WITH US

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