

# Heat and Control equipment offerings

Heat and Control supports you with over 65 years of equipment design and process experience, one of the widest selections of machinery for coating, cooking, conveying, inspection, and packaging for poultry, meat, seafood and prepared foods... plus excellent technical support.

## ■ Coating

- Batter applicators (dip and batter fall)
- Breading applicators
- Drum breaders
- Marinade and seasoning applicators
- Spray Dynamics coating applicators
- Inspection conveyors

## ■ Fryers

- Breaded Products Fryer
- HeatWave oil curtain fryer
- MasterTherm thermal fluid heated fryer
- Mastermatic direct-heated fryer
- Mastermatic compact fryer

## ■ Oil Filters

- Drum Pre-Filter
- Continuous Belt Filter (metal mesh belt)
- Continuous Filter (paper)
- Mastermatic Canister Filter
- KleenSweep Centrifugal Filter
- Fryer Support Modules (integrated filter, piping, storage)

## ■ Heat Exchangers

- KleenHeat pollution control heat exchanger
- Coil-type heat exchanger
- Steam-to-oil heat exchanger
- Thermal fluid heater

## ■ Ovens

- AirForce impingement oven
- IMP Jr. impingement oven
- Spiral ovens (single and twin conveyor)
- CEO™ color enhancing spiral oven
- MPO cooking system convection oven
- Infrared oven
- Steam ovens

## ■ Surface Enhancement

- Rotary Brander
- Direct Flame Searer
- Combination branding/searing systems

## ■ Nugget Former

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## ■ Conveyors

- Progressive packing conveyors
- FastBack horizontal motion conveyors
- FastBack product blending conveyors
- FastBack sorting/separation conveyors
- Revolution Gate distribution conveyors
- Vibratory (electro-magnetic, direct, indirect)
- Varilift bucket conveyors
- Incline belt conveyors
- Inspection conveyors
- Automatic Belt accumulation conveyor
- Cascading accumulation conveyors
- MinuteMan accumulation conveyor
- SwitchBack accumulation conveyor
- UpGrade accumulation conveyor
- ClimbBack uphill horizontal motion conveyor
- WeighBack weigh conveyor

## ■ Sanitary packaging platforms

## ■ Container Fillers

- Vertical Raceway tray filler
- Oscillating Funnel Follower
- Dual Axis Funnel Follower
- USDA sanitary shuttles
- Progressive packing conveyors

## ■ Ishida Multihead Weighers

- Ishida multihead weighers
- Ishida screw-feeder weighers (for fresh meat)
- Ishida hygienic weighers
- Ishida USDA Dairy ultra sanitary weighers

## ■ Inspection Systems

- Ishida X-ray inspection systems
- Ishida DACS checkweighers
- CEIA metal detectors

## ■ Ishida QX Tray Sealers

## ■ Control systems

- Complete automation control systems (Raw to finished products)
- Relay logic based control systems
- Control systems integration
- Control panel design and manufacturing



Process, Package, Prosper!

# Heat and Control services

From offices worldwide, Heat and Control offers sales, service, and complete technical support services. Contact us today to assist with your next project!

## ■ Technical Centers

Evaluate the performance of our coating and cooking equipment and develop new products without interrupting production schedules at your plant.

Technical centers in CA, Mexico and Australia feature different equipment including: (Call for availability.)

All equipment not available at all locations.)

- AirForce impingement oven
- IMP Jr. impingement oven
- CEO™ color enhancing spiral oven
- MPO cooking system convection oven
- HeatWave oil curtain fryer
- Continuous Fryers
- Mastermatic Compact Fryer
- Direct Flame Searer
- Rotary Brander
- Nugget Former
- Batter and breading applicators
- Freezers and refrigerators
- Food service microwave oven and batch fryer
- Multiple analysis capabilities and utilities are available.

## ■ Support Services

- On-site service
- Spare parts
- Installation service
- Technical manuals
- Training (on-site and classroom)
- Custom design and manufacturing
- Process development

## ■ Contact Us

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## ■ Packaging Demonstration Centers

Evaluate the performance of our weighing, conveying, and inspection equipment using the latest models from Ishida, CEIA, and Heat and Control.

Demonstration centers in CA, PA, and TX feature different equipment, including:

- Ishida multihead weighers
- Ishida strip pack bag applicators
- Ishida DACS checkweighers
- Ishida X-ray inspection systems
- Ishida QX tray sealers
- CEIA metal detectors
- FastBack horizontal motion conveyors
- SwitchBack accumulation conveyor
- FastBack Revolution Gate
- FastBack Revolution seasoning system
- Varilift bucket conveyors

Check availability of specific machinery when scheduling a visit. You may also bring your own specialized equipment.

## ■ Manufacturing centers and major offices

- Hayward, CA (headquarters)
- Galesburg, IL
- Pembroke, NH
- St. Clair, MO (Spray Dynamics)
- Stanwood, WA
- Lititz, PA
- Dallas, TX
- Ontario, Canada
- Guadalajara, Mexico
- Brisbane, Australia
- Lelystad, The Netherlands
- Livingston, Scotland
- Capetown, South Africa
- Nanjing, China
- Indore, India (Flavorite Technologies)
- Buenos Aires, Argentina
- Sao Paulo, Brazil



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