

Heat and Control equipment offerings

With over 65 years of experience, Heat and Control supports you with one of the widest selections of machinery and support services for the production of corn and tortilla chips, corn table tortillas, tostadas, and taco shells.

- **Corn preparation**
 - Masa Maker™
 - Dry corn simmering and soaking systems
 - Corn washers and drain conveyors
 - Corn milling and pumping systems
 - Masa flour mixing systems
- **Masa forming systems**
 - Hydraulic extruder
 - Masa pre-sheeter
 - Masa sheeter
- **Cookers, coolers, branders**
 - Tortilla Toaster Ovens (single and three-pass)
 - Impingement ovens
 - Infrared ovens
 - Continuous fryers (direct and externally heated)
 - Universal Products Cooker
 - Dynamic Action Fryer
 - Corn Products Conditioner (equilibrator)
 - Ambient Air Cooler
 - Rotary Brander
- **Product de-oiling systems**
 - De-Oiling Centrifuge
 - Low Fat Stripper
- **Heat exchangers, heat recovery, pollution control**
 - KleenHeat pollution control heat exchanger
 - Coil-type heat exchanger
 - Horizontal heat exchanger
 - Booster Heater
 - Combustion Air Pre-heater
 - Steam-to-oil heat exchanger
 - Thermal fluid heater
 - Heat recovery and reuse systems
 - Oil Mist Eliminator
- **Oil filters**
 - Motorized Catch Box
 - 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)
- **Seasoning applicators**
 - Spray Dynamics coating applicators
 - FastBack Revolution on-machine seasoning
 - Belt-Type Flavor Dispenser
 - Tumble Drum Seasoner
 - Roll Salter
- **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
- **Rapid Deployment packaging platforms**
- **Container fillers**
- **Ishida multihead weighers**
- **Ishida snack bagmakers**
- **Ishida strip pack bag applicators**
- **Inspection systems**
 - Ishida X-ray inspection systems
 - Ishida DACS checkweighers
 - Ishida bag seal checkers
- **Ishida QX tray sealers**
- **Ishida case packers**
- **Control systems**
 - Complete automation control systems (Raw to finished products)
 - Relay logic based control systems
 - Control systems integration
 - Control panel design and manufacturing

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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.)

- Corn tortilla and chip sheeter and oven line
- Universal Products Cooker
- Dynamic Action Fryer
- De-oiling centrifuge
- Hydraulic extruder
- AirForce impingement oven
- IMP Jr. impingement oven
- CEO™ color enhancing spiral oven
- MPO cooking system convection oven
- HeatWave oil curtain fryer
- 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 snack bagmakers
- 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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