

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 french fries, formed potato products, potato chips, sticks, and other potato products.

- **Potato preparation**
 - Truck Dumper
 - Potato pumping, flume systems
 - Dirt and debris removers
 - Potato Sizer
 - Gentle-Flo storage bins
 - Crate Filler
 - Crate Dumper and Metering Hopper
 - De-Stoning Elevator
 - Peelers (batch and continuous)
 - Inspection-Trim Conveyors
 - Slicer Feeders (singulating auger and belt type)
 - Slicer Service Platforms
- **Washers, blanchers, de-watering systems**
 - GentleWash system
 - Potato slice washers (pre-wash and speed wash)
 - Potato Slice Washer/Conditioners and Injection Blanchers
 - AirSweep de-watering system
- **Cookers**
 - UpFlow continuous french fry fryer
 - Universal Product Cooker
 - Formed chip fryer systems
 - Dynamic Action Fryer
 - Continuous french fry and co-products fryers
 - (Batter coated and uncoated at up to 60,000 finished pounds/hour)
 - Batch fryers (up to 500 finished pounds/hour)
 - Continuous potato chip fryers (up to 6,500 finished pounds/hour)
- **Heat Exchangers**
 - 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, oil storage)
- **Product de-oiling systems**
 - Low Fat Stripper
 - Automatic Heated and continuous de-oiling centrifuges
- **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
 - CEIA metal detectors
- **Ishida QX Tray Sealers**
- **Ishida case packers**
- **Container fillers**
- **Seasoning applicators**
 - Spray Dynamics coating applicators
 - FastBack Revolution On-Machine Seasoning
 - Belt-Type Flavor Dispenser
 - Roll Salter
 - Tumble Drum Seasoner
 - Pneumatic 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**
- **Control systems**
 - Complete automation control systems
 - (Raw to finished products)
 - Relay logic based control systems
 - Control systems integration
 - Control panel design and manufacturing



HEAT AND CONTROL

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

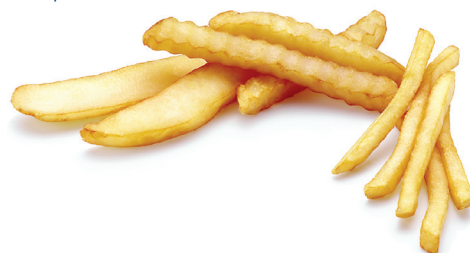
Capetown, South Africa

Nanjing, China

Indore, India (Flavorite Technologies)

Buenos Aires, Argentina

Sao Paulo, Brazil



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