

HEAT AND CONTROL

FastBack®



PRODUCT HANDLING SYSTEMS

LOOKING BACK.  
PRESSING FORWARD.  
**ALWAYS INNOVATING.**

[heatandcontrol.com](http://heatandcontrol.com)



# EVERYTHING YOU NEED TO MOVE YOUR PRODUCTS FROM A - Z

## Industry-pioneering systems that deliver years of production efficiency, reliability, and quality.

Innovation is at the heart of what we do.

We have invested in decades of research and development to advance the quality of food products. Our commitment to the industry has revolutionised food production and helped brands create products that consumers love.

### Invest in machines that are built to last

Count on an incredible ROI, made possible through decades of reliable operation, low lifecycle costs, and robust design and construction.

### Gain product confidence

Make use of our expertise in creating products that are cooked to exact specification, with high quality and great flavour.

### Benefit from a wide range of solutions

Choose from our vast range of integrated processing solutions so you can manage changing trends and meet demand every time.

heatandcontrol.com

FastLane Slicer Infeed Conveyor



## Who We Serve

Whatever your production needs, we can meet them with precision and passion. Since the inception of industrial food production, Heat and Control has overcome complex challenges to achieve higher capacities, to lower production costs, to improve product quality, and to build strong, long term relationships with leading companies within various industries.

## Complete Product Handling Solutions

PRODUCT HANDLING: CONVEYING, SIZING + ACCUMULATION

Our solutions feature the world-renowned FastBack® horizontal motion conveyor, with smart design and line management to achieve accurate feed, accumulation, proportional feed, and distribution flow. We also offer other conveyors, elevators, and feeding systems.

- Accumulation Conveyors
- Chip Sizing
- Horizontal Motion Conveyors + Feeders
- Incline Belts + Bucket Conveyors







## Ideal Applications for Product Handling Systems

- Snack foods
- Nuts and trail mixes
- Fruit snacks
- Frozen fruits and vegetables
- Wrapped candies
- Cereal
- Pet food
- Any products which readily convey on a FastBack



## HORIZONTAL MOTION CONVEYORS

Gently deliver product where and when it's needed with the industry's leading solution. FastBack's patented slow-forward and fast-back horizontal motion technology has transformed the conveying market. With over 20,000 units worldwide, FastBack is the conveyor of choice for challenging products like salads, snacks, fresh chicken, cookies, candies, and many other food products.

- Horizontal Motion Conveyors - 4.0, 90E and 260E
- Blending Systems
- FastLane Slicer Infeed Conveyor
- Left-Right-Center Diverting Weigher Infeed
- Revolution Proportional Gate 3.0
- WeighBack Weigh Conveyor



## CHIP SIZING

Achieve efficient grading of cooked potato chips, large and small, to ensure quality product is consistently packaged in the right bag sizes.

Change the size parameters instantly and easily via hand wheel or optional motorised drive. The simple patented shaft spacing system eliminates moving parts and binding issues associated with other systems. Select single-, dual-, or triple-deck sizers for the most efficient product sorting rates.

- Rotary Chip Sizer

## ACCUMULATION

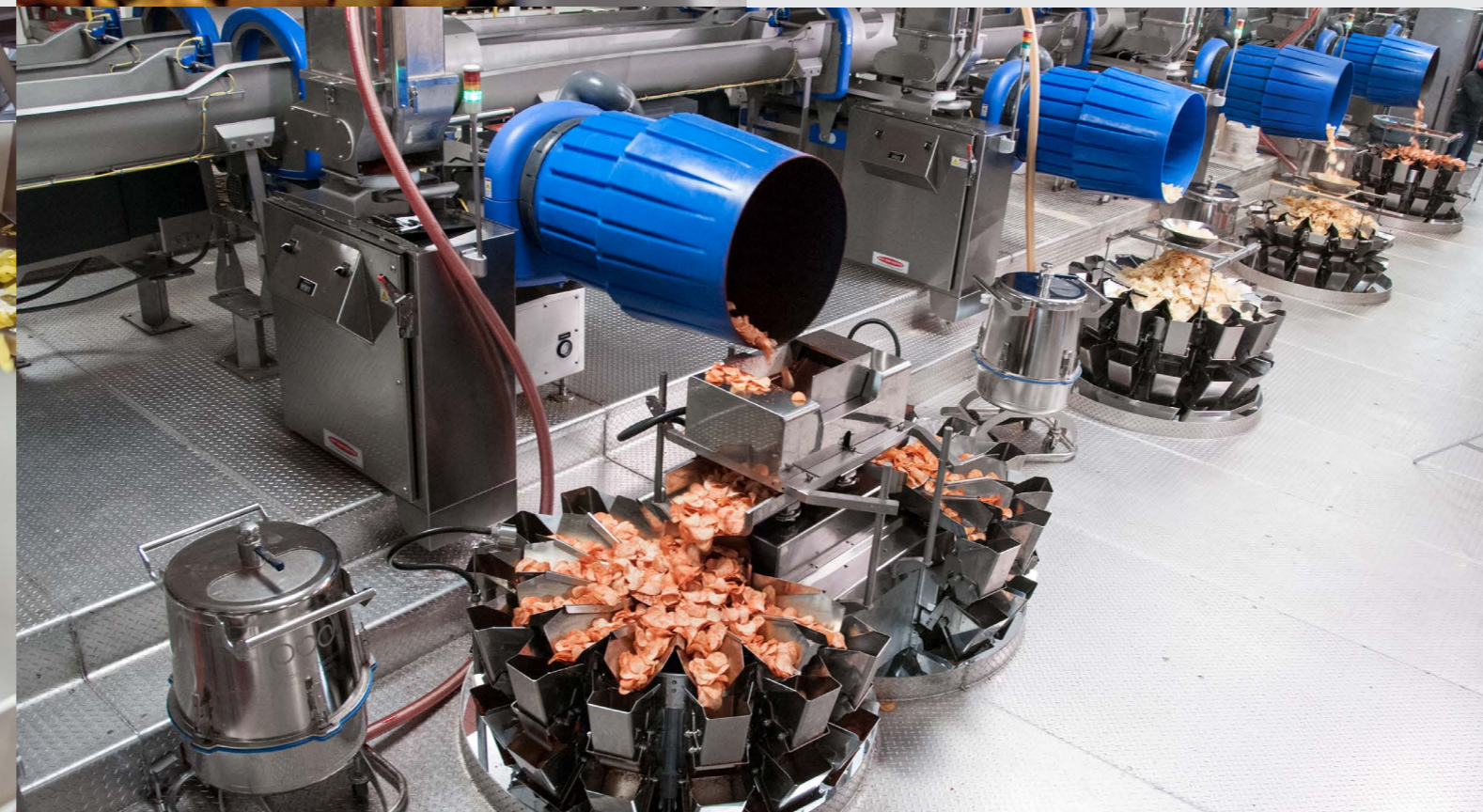
Maintain peak line efficiency by controlling product flow. Take advantage of accumulation systems that temporarily store product or keep it moving in a steady flow to and from processing and packaging areas.

Improve full line efficiency, reduce waste and optimise sanitation.

- MinuteMan Accumulation Conveyor
- SwitchBack™ Accumulation Conveyor



SwitchBack Accumulation Conveyor



## LIFT & TIP VERTICAL CONVEYOR SYSTEM

Compact and highly sanitary conveyor system that gently moves products vertically to feed weighing and packaging operation, and easily integrate with FastBack infeed conveyors.

Customisable to fit existing line from a manual infeed option to single or dual bucket continuous product conveying, the Lift & Tip is easy to clean with stainless steel construction and changeover requires no tools.

### IDEAL APPLICATIONS:

- Snack Food
- Pharmaceuticals
- Delicate Products
- Candy & Confectionery
- Pet Food
- Frozen/Breaded Poultry



Incline Transfer Conveyor

## INCLINE, BELT + BUCKET CONVEYORS

Modular and hygienic conveyor designs that keep the line moving.

Move dry, fresh, and frozen products with ease.

Available in configurations to fit your line, our conveyor solutions will transfer, lift vertically, convey long distances, and even decline in a controlled manner.

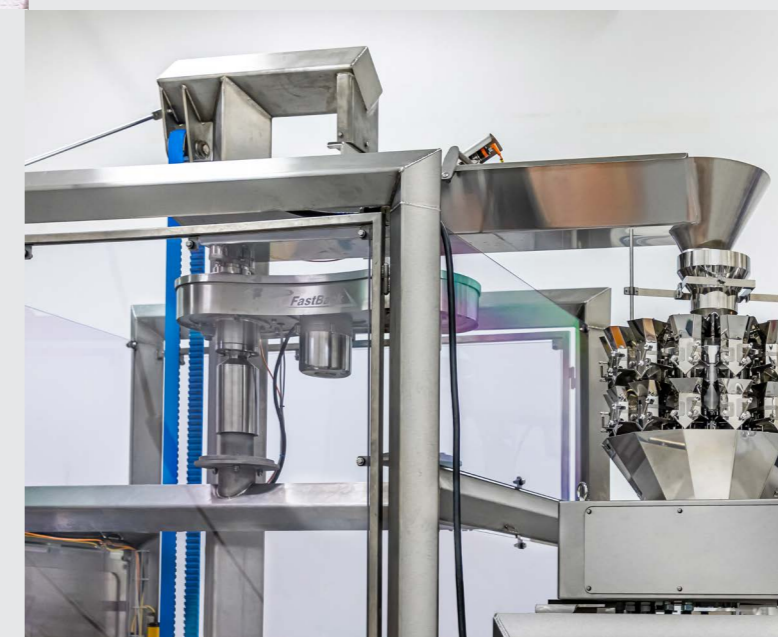
- Lift & Tip Vertical Conveyor System
- Incline Transfer Conveyor
- Varilift® Bucket Conveyor



## FASTBACK 4.0 HORIZONTAL MOTION CONVEYOR

The patented circular to linear motion design gently handles product for undamaged and undisturbed coatings, providing the ultimate performance and flexibility and the industry's highest travel rates and flow rate capacity.

- Instant reversing capability
- No preventive maintenance and no lubrication
- No flexures, no linear bearings, no bushings
- High pressure washdown capability
- Fewer moving parts (by 70%)
- Easy maintenance – only two wrench sizes needed for all operations – 13mm and 17 mm



## BLENDING SYSTEMS

Achieve the complex task of producing balanced blends by providing consistent component streams, metering components with dependable accuracy, and conveying blended components without segregation. Easily adjust the component streams as needed to consistently replicate recipes.

- Apply seasoning with integrated tumble drum to improve product blend further.
- Integrate a recipe-driven control system with an intuitive experience with smart, self-correcting control.
- Available in cost-effective modular designs that can expand up to ten positions.



## Our Brands and Partners for Product Handling Systems

Our family of brands and our technology partner brands come together to provide a broad range of solutions, each with specialists that have distinctive and extensive insight and experience. We can provide an individual solution or an entire integrated production line system for ultimate efficiency and performance, end-to-end.

### Our Brands

Heat and Control®

FastBack®

Spray Dynamics®

Mastermatic

### Our Partners

Ishida

CEIA®

