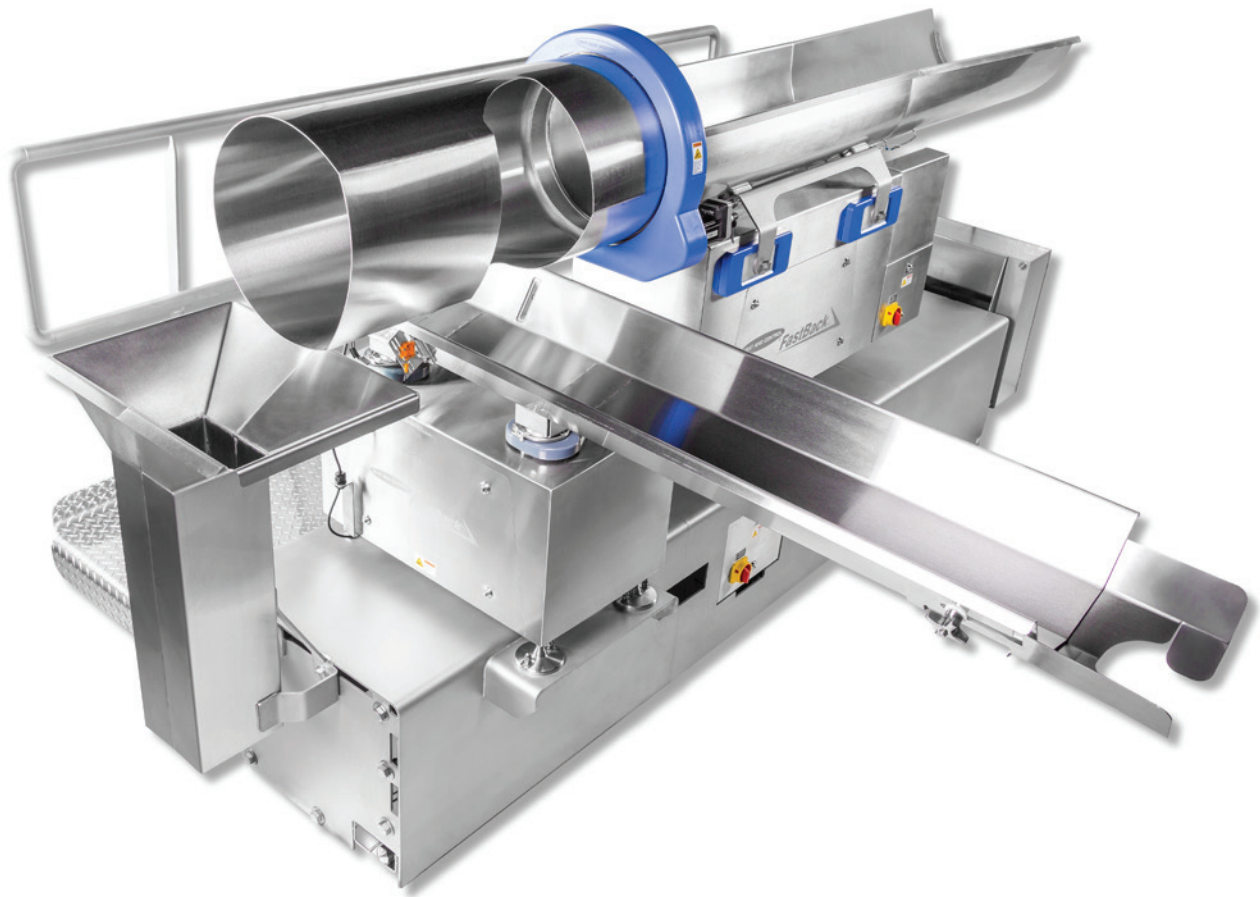


**FASTBACK® REVOLUTION®**  
**PROPORTIONAL GATE 3.0**  
PROPORTIONAL DISTRIBUTION SYSTEM

FASTBACK SOLUTIONS:  
LESS IS MORE

**HEAT AND CONTROL®**

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



## DESIGNED WITH THE OPERATOR IN MIND

A key to efficiency is eliminating the unnecessary. Regardless whether a production stoppage is caused by malfunctioning equipment, maintenance, or something else, when equipment is down, so is the bottom line.

The latest design Revolution Proportional Gate 3.0 introduces various improvements while maintaining the

advantages that made it the premier gate in the industry and removing possible causes of downtime by eliminating 84% of the components. It is a simple gate, straight-forward to use, easy to maintain and to service, and useful for most applications.

## REDESIGNED WITH 84% LESS COMPONENTS

The design benefits minimizes operator and maintenance touch-points by:

### Eliminating Gate Positioning Cable Sensors

The new drive uses a servo motor and automatic homing to accurately position the gate and to eliminate concerns over cable breakage.

### Eliminating Maintenance-Heavy Items

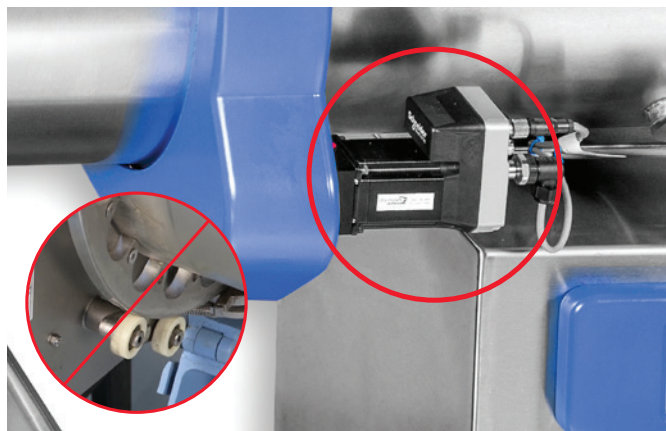
Servo motor technology replaces cable transducer, cable sensors, and rollers, as well as plastic gears teeth (replaced with a fully-machined stainless steel gear).

### Eliminating The Crumb Barrier

The removable crumb barrier has been replaced by sealed-for-life bearings, providing a simplified “wipe-and-go” sanitation experience.

### Eliminating Removable Cleaning Covers

The new cover’s inner area is impervious to crumbs and debris and only requires access for maintenance.



## PERFORMANCE | SAFETY | INTEGRITY

### STREAMLINED

Simplified controls for open-close applications or for proportional feeding.

### CLEAN

Fully closable gate so product cannot leak or cross-contaminate, resulting in less waste due to cross-contamination.

### GENTLE

Gate does not break product when it opens and closes, which reduces typical product breakage by 4+%, depending on the application.

### SAFE

The innovative design diverts product without creating a single pinch point, earning it the reputation as the safest gate available.

### STABLE

An 84% reduction in parts drastically reduces potential points of failure.

### CONSISTENT

Proportional, granular feeding keeps product uniform and improves packaging and on-machine seasoning performance — adding 1 to 5% improvement in overall line efficiency. No pinch points eliminate possibility of damaged product or coatings (e.g., seasoning, breading).

### SERVICE-FRIENDLY

Sealed-for-life bearings, eliminates historically maintenance-heavy items and other items.

### VERSATILE

Robust gate which can withstand sub-freezing and washdown environments.

# REVOLUTION PROPORTIONAL GATE 3.0

PROPORTIONAL DISTRIBUTION

The Revolution Proportional Gate 3.0 maintains its advantages, removes possible causes of downtime, minimizes its service requirements, and expands its versatility to help improve a manufacturer's bottom line.

## Target Applications

- Snack foods and bakery
- Frozen fruits and vegetables
- Confectionary
- Cereal
- Pet food
- Any product which readily conveys on a FastBack
- Meat and poultry  
(washdown version design pending)
- French fries  
(larger diameter design pending)



With hundreds of applications and a complete testing center to support your requirements, Heat and Control can bring knowledge, experience, and technology to your next project.

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