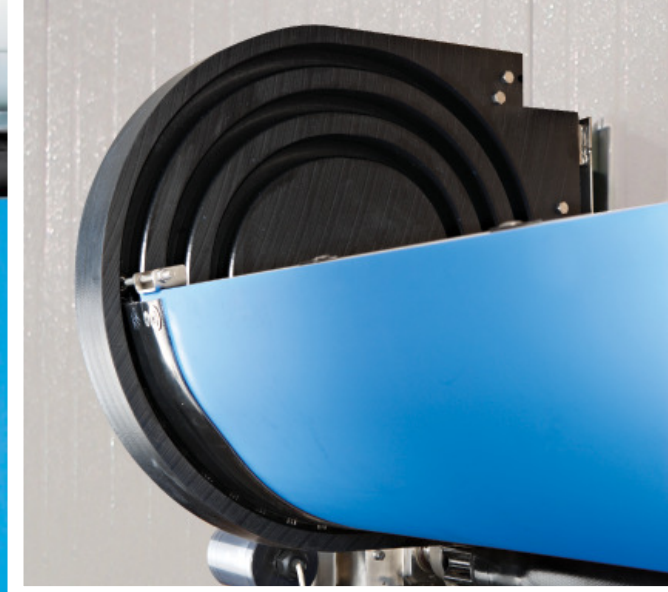
# High Speed, High Performance Doors

FasTrax® Doors

RITE-HITE®
ALWAYS LOOKING AHEAD



# Fast becoming the industry standard

Easy to apply. Easy to operate. Easy to maintain.

FasTrax high speed, high performance doors are an easy choice to improve safety, separate environments, minimize door impacts, and reduce downtime.

# FasTrax®

## Simple, by design

Designed around a single operational platform, highly versatile FasTrax doors can match virtually any interior, exterior, high-wind, cooler, freezer or washdown high-cycle door application – reducing the complexity of maintaining multiple door models in one facility.

### Versatile track designs

Able to store the door curtain in various track configurations, FasTrax doors fit almost any application with fewer costly building modifications.

### Maximum uptime, minimum maintenance

Fewer moving parts mean fewer, less costly repairs and reliable, trouble-free performance.

### The industry's highest operating speeds

With operating speeds up to 100"/sec (2.5 m/sec), the fast cycle time maximizes productivity and energy savings.

### Sleek, compact design

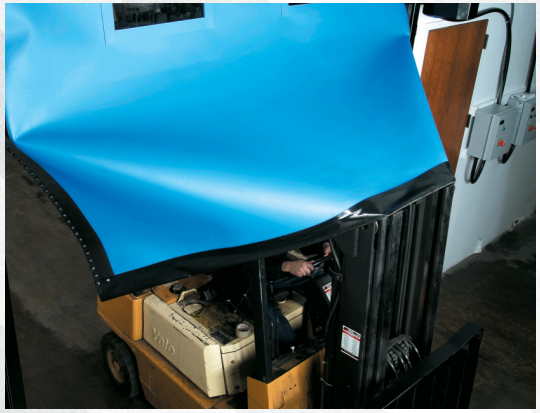
Aesthetically crisp and clean, FasTrax doors have a small footprint and are refined in their appearance and movement.

### The right activation for your installation

We'll help you determine the best activation for your application based on your traffic, your equipment and the physical characteristics of your door opening.

**i-COMM™ II Digital Communication Controller –** Redefining control box operation and communication, the i-COMM Digital Communication Controller communicates real-time door status via a digital text display window. A troubleshooting feature communicates faults and how to resolve them.

### The industry's safest door



**Soft-Edge™ Technology –** The soft bottom edge helps protect personnel and product from injury and damage, and ensures a tight bottom seal. An easy choice compared to doors with metal bottom bars.

**Photo Eyes –** Constantly monitoring the door opening, two standard thru-beam photo eyes mounted at 18" (457 mm) and 54" (1371 mm) above the floor reverse the door's downward motion if the opening is obstructed.

**Virtual Vision™ –** Exclusive safety technology available only from Rite-Hite, Virtual Vision is designed for use with freezer doors and other doors without vision panels. It alerts your personnel to people, objects or equipment moving on the opposite side of a door. The Virtual Vision package includes red LED lights and signs on both sides of the door.

**LZR Area Detection System –** This optional feature uses laser sensors to monitor a door opening, and prevents the door from closing when a pedestrian is within the detected area.

**Vision panels –** Flexible urethane vision panels provide a clear, safe view of other traffic.

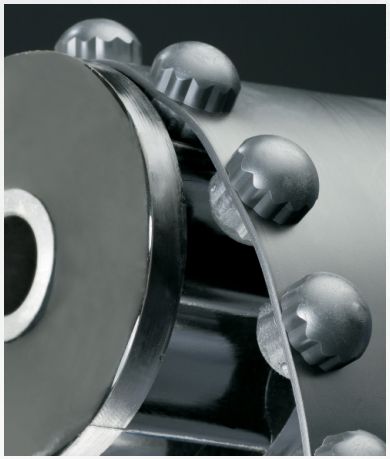
# We reinvented the wheel

A unique drive system is at the heart of every FasTrax door. Our exclusive, simplified design consists of a drive gear, unique drive spheres and a semi-rigid edge material that is attached to the curtain, eliminating the need for counterweights, springs or pulleys which add complexity to the operation and maintenance of a door.

## We put the *fast* in FasTrax

At speeds up to 100”/sec (2.5 m/sec), using a variable-frequency drive. This enhances productivity and energy savings by raising the door quickly and reducing cycle times.

Spaced just 1 ½ inches (38 mm) apart, the drive spheres provide tension along the entire curtain.



A minimum of two drive spheres are engaged in the drive gear at all times for consistent, reliable operation.

## Lift track configurations for any installation challenge

Versatile track configurations let you easily match the FasTrax door to your existing opening, without investing extra time and money to remove or reroute obstructions.

**Exclusive radial lift -** Unique to FasTrax, the radial track configuration positions the door header directly above the door opening. Raceways on each side of the door prevent the fabric curtain from rolling up onto itself. This minimizes fabric wear and tear to keep your door looking cleaner longer.

**High lift -** A high lift routes the FasTrax door tight to the wall and close to the ceiling.

**Standard lift -** The FasTrax standard lift fits ceilings with obstructions, or can be used for low-ceiling applications.

**Vertical lift -** A vertical lift routes the FasTrax tight to the wall, when there is ample ceiling height.

**Customized lifts -** FasTrax tracks can be easily customized to accommodate even the most unique door applications and installation challenges.

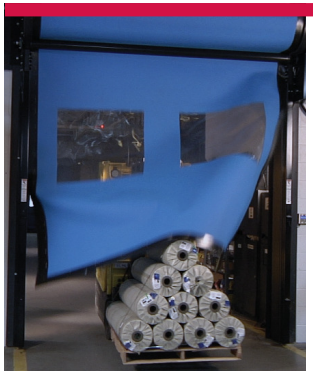
# The options and features you want

## Clearly safer

From a Soft-Edge™ Technology to Virtual Vision™ light communication to advanced area detection technology, FasTrax doors continue Rite-Hite's long legacy of door safety.

## So advanced, FasTrax re-feeds on the fly

In the event of an impact, a unique re-feed system automatically guides the curtain back into the track, quickly and easily, as the door is raised. FasTrax provides TRUE Auto Re-feed™, fixing the door on the fly to keep your door closed and downtime to a minimum.



A forklift accidentally dislodges the FasTrax door's breakaway fabric curtain from the channels in the side frames.

As it's raised, the FasTrax door curtain automatically re-feeds itself back into the side frames.

The adjustable reclose timer returns the door to the closed position – with no need to reset the door at the control box.

## Unique side frames add to performance and uptime

The FasTrax side frame's small footprint – just 4 ½ inches (114 mm) wide and projecting out from the wall just 4 ¾ inches (120 mm) – takes up minimal space, so it doesn't infringe on the door opening and provides maximum clearance to help minimize impacts.

The wear-resistant Lexan guides of the wind retention system are rigid enough to keep tension on the curtain, yet flexible enough to break away when there is an impact.

Depending on door size and options, FasTrax doors can withstand up to 129 mph (207 kmh) – 42.5 psf (2.035 kPa) . Consult factory for your specific application.

## FasTrax® XL High Speed Door

A larger door for larger applications:

- Available in sizes up to 24 ft (7.3 m) high or wide
- Designed for harsh environments
- Opening speeds up to 52" (1.3 m) / sec
- Depending on door size and options, FasTrax doors can withstand up to 129 mph (207 kmh) – 42.5 PSF (2.035 kPa). Consult factory for your specific application.

## FasTrax Clean

You can't find a more reliable door... and now you can't find a cleaner one.

### All the high-speed performance you expect from FasTrax – with a total commitment to clean

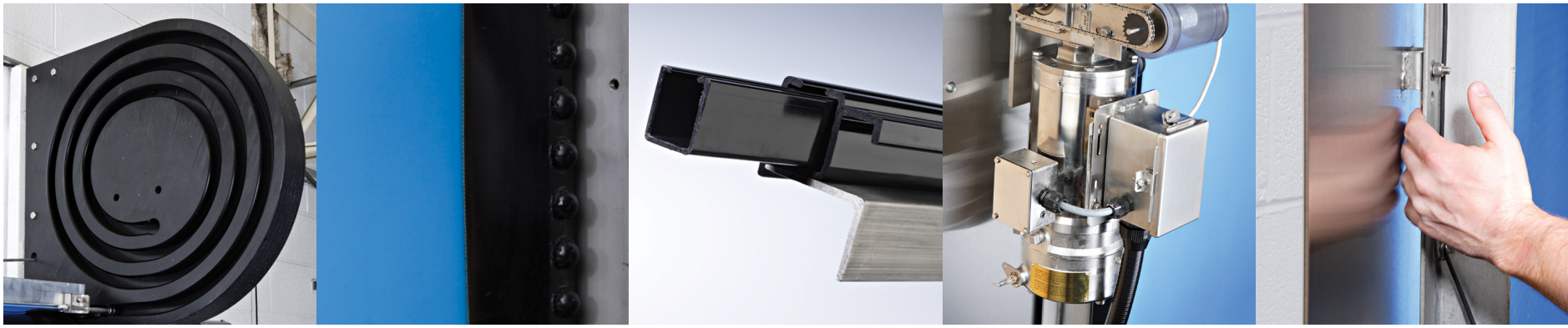
The washdown door that has it all. From the upper track to the side frames to the door fabric, every part, every component, every system engineered specifically for clean environments. Fewer areas and materials that can trap and hold particles and bacteria. And everything built for fast, easy, safe, thorough cleaning.

We're talking full 360° clean. With full USDA and FDA compliance for design, parts and materials.

The standard for reliability is now the standard for clean. The new FasTrax Clean.

# FasTrax® Clean

## Clean design from top to bottom



### One-piece radial header

Machined from a solid block of UHMW plastic. Meets both USDA and FDA standards for clean-up.

### Smooth polypropylene door fabric

Higher resistance to acids and bases, and a lower water absorption rate than vinyls and urethanes. Highly resistant to mold. Superior washdown, even with harsh cleaning chemicals. Choice of colors and thicknesses to meet your application.

### Non-corrosive Lexan and UHMW side frames

Lightweight and easily removable to meet government guidelines for washdown and bacteria control. Side frames stand off from the wall to minimize surface-to-surface contact, reducing pockets where bacteria can grow.

### Washdown rated drive system and controls

Totally sealed and protected for worry-free washdown. Available with stainless steel motor, brake and gearbox.

### Super clean edge

Most doors have a non-cleanable closed chamber at the bottom of their curtain. Whether it is a loop seal, a hard bottom edge, or a pneumatic reversing edge, they are all harborage points for bacteria. FasTrax Clean is different.

Light, easy-to-remove side frames for more thorough cleaning.

Built to withstand the harshest washdown applications.

## FasTrax FR

Fast, efficient, and safe – with a super-tight seal for all your cold storage needs.

### An open and closed case

Speeds up to 100”/sec (2.5 m/sec). A tighter, more reliable seal. A more consistent thermal barrier. It adds up to less waiting for personnel and equipment and reduced energy costs.

Yes, a new standard for on-the-job performance. But that’s just for openers. FasTrax freezer doors feature a simple yet rugged design that reduces your maintenance and operational costs. They feature a flexible design platform that makes for simple, cost-effective installation. They deliver a number of exclusive safety features. And every system and component is designed and built to help you maintain temperature at minimal cost.

# FasTrax® FR

## We've got it down cold

### One design fits all

A single platform that gives you maximum design flexibility. No more multiple door configurations to engineer. No multiple application problems to deal with – FasTrax doors are built for exterior, interior, high-wind, cooler and freezer high-cycle applications.

### Flash freeze

Speeds up to 100"/sec (2.5 m/sec). For faster cycles, less waiting, more productivity and less energy loss.

### On track with your needs

Multiple track configurations and curtain storage systems to fit almost any application, anywhere in your plant, with minimal engineering modifications.

### Safety

First, second and third. Includes all the industry-leading safety systems that are a part of the FasTrax heritage, including Soft-Edge Technology, thru-beam photo eyes and exclusive Virtual Vision.

### Insulation to the Max

InsulMax curtain consists of a 1 inch (25 mm) layer of insulation sandwiched between two layers of tough, resilient 30 oz urethane fabric.

### Worth the energy

Exclusive, industry-first Thermal Air™ System and InsulMax R-4 curtain combine to give you the most energy-efficient way to handle your toughest cooler and freezer applications. Yes, this door is about saving time. But also lots of energy.

Consult your Rite-Hite Doors representative for a free ROI analysis.

Improving industrial **safety**, **security**, and **productivity** worldwide through quality and innovation.

- VEHICLE RESTRAINTS
- LOADING DOCK LEVELERS
- DOCK SEALS AND SHELTERS
- INDUSTRIAL DOORS
- HVLS FANS
- BARRIER SAFETY SYSTEMS
- MACHINE GUARDING SYSTEMS
- INDUSTRIAL CURTAIN WALLS

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