Automatic Entrance Systems
Rugged Corner Block Construction
Heavy duty rails with integral corner blocks add structural integrity to all Horton door systems. This exclusive mortise-style corner block construction is far superior to mass produced through-bolt panels.

Four #10-24 bolts secure corner block to horizontal rail
Concave steel back-up plate engineered as built-in self locking device for Grade 8 bolts
Two 1/4-20 bolts secure corner block to vertical rail

Double Astragal Weather Seals Save Energy
Weather seal material is captured in aluminum extruded astragal that is screw-applied to panel rather than with adhesive as mass produced systems. This creates a positive seal that stands up to wind as well as to the highest traffic conditions.

Did You Know?
Horton invented America's first automatic sliding door system in 1960.


Offering tangible advantages for green design along with a solid reputation for rugged dependability, Horton door systems are the proven choice for a high performance, sustainable building.

Select from a wide range of access solutions including several innovative packages for healthcare facilities, security entrances, service windows, hurricane-rated applications and other installations that are well-known strengths of the Horton brand. All systems feature rugged corner block construction plus superior weather seals in exterior doors for environmental efficiency.

Horton’s unique design platform and manufacturing approach make it easy to obtain custom touches that other door fabricators cannot match. Let us demonstrate our superior quality, service, support and custom capabilities on your next project.

Product Functions

ADA Security Energy Efficient
Solid Metal Carriage Frames
Reduce Maintenance

Emergency breakout panels are reinforced with a heavy duty, solid metal top carriage frame. Better than competitive thin-wall extrusions, this exclusive Horton feature protects the guide wheels and withstands breakout forces that otherwise can lead to early replacement.

Custom Finishes To Enhance The Aesthetics Of Your Design

Horton door systems may be specified with powder coat finishes in a wide range of custom colors including wood grain. Thermally cured for toughness, these earth-friendly PVDF coatings offer superior durability and color retention, even in the harshest environments.
Horton Automatics sliding door systems are used in a wide range of commercial and industrial applications. Packages are available from 7 to 16 feet unit widths. Door configurations are offered in 2-, 3-, or 4-panel designs, single sliding or bi-parting with choice of anodized aluminum, paint or metal clad finishes. Narrow, medium, and wide stile panels as well as all-glass Elegant® design are also available.

**Standard Features**
- Exclusive high strength corner block construction
- Rugged breakaway system featuring full-width solid torsion bar assembly to provide superior support in the breakaway position
- Dual safety beams for added threshold protection
- User-selectable operating modes

**Ultimate Drive Mechanism Dependability**
At the heart of these hardworking systems is a choice of three Horton Automatics sliding door operators. All are engineered with ¼ HP motors (¼ HP motor option for Series 2001 heavy duty operators) plus microprocessor control and digital display for visual adjustment of settings and diagnostics. An auto-seal feature ensures the doors are closed for energy savings.

**Installation Key (Door Types)**
Consult factory for other options

**Type 010**
No breakout capability. Doors slide to interior of fixed sidelites.

**Type 110** (most common specification) Moving panels break out. Doors slide to the exterior of fixed sidelites.

**Type 310**
Largest breakout area for moving wide objects. Doors slide to the interior of fixed sidelites.

**Customer Review**
“Horton Automatics was instrumental in meeting our client’s stringent requirements for design, delivery and quality. Horton’s custom solution resulted in an aesthetically superior and highly functional hospital environment.”

Russ Warrington, President
Automatic Entries, Inc., Lynnwood, WA

Above Photo: Custom Sliding Door System for Patient Rooms at Southwest Washington Medical Center, Vancouver, WA
Profiler®
2000 Linear Drive System
2000B Elite Belt Drive System

The 4" x 6" header profile allows for flush mounted solutions to jambts without the need for end caps. This door system is often selected for its visual appeal, yet the real advantage is the system’s dependability, with fewer parts to wear out and easy adjustments.

Drive Mechanism
Series 2000 linear drive operator
Series 2000B Elite belt drive operator

Applications
Two-Way General Traffic
- Hospitals
- Hotels/Resorts
- Retail
- Upscale Offices
- Upscale Residential

ProSlide™
2003 Belt Drive System

Ideal for high traffic applications, this heavy duty belt-drive door system is engineered to provide long life and quiet operation.

Drive Mechanism
Series 2003 belt drive

Applications
Two-Way High Traffic
- Airports
- Supermarkets
- Hospitals
- Hotels/Resorts
- Shopping Malls

ProSlide™ Telescoping
2003 Belt Drive System

This system is ideal for automatic sliding door access in narrow passageways, effectively increasing the opening width more than 35 percent. Available in single or bi-parting configurations.

Drive Mechanism
Series 2003 belt drive

Applications
Two-Way Traffic, Maximum Opening
- Hospitals
- Hotels/Resorts
- Shopping Malls
- Office Buildings

Selection Guide

<table>
<thead>
<tr>
<th>Model</th>
<th>Type</th>
<th>Unit Width: Minimum - Maximum</th>
<th>Max. Clear Opening: Minimum - Maximum</th>
<th>Type 110 Breakout Opening: Minimum - Maximum</th>
<th>Type 310 Breakout Opening: Minimum - Maximum</th>
</tr>
</thead>
<tbody>
<tr>
<td>Profiler® &amp; ProSlide™</td>
<td>Single</td>
<td>7’ to 9’ (2134 – 2743)</td>
<td>3’ to 4’ (914 – 1219)</td>
<td>3’ 3/4” to 4’ 3/8” (1003 – 1308)</td>
<td>6’ 3” to 8’ 3” (1903 – 2515)</td>
</tr>
<tr>
<td></td>
<td>Bipart</td>
<td>8’ to 16’ (2438 – 4677)</td>
<td>3’ to 7’ (914 – 2134)</td>
<td>3’ 7/8” to 7’ 7” (1092 – 2311)</td>
<td>6’ 9/16” to 14’ 9/16” (2070 – 4509)</td>
</tr>
<tr>
<td>ProSlide™ Telescoping</td>
<td>Half</td>
<td>7’ to 12’ (2134 – 3658)</td>
<td>3’ 7/8” to 6’ 11/16” (1105 – 2121)</td>
<td>2’ 1 1/8” to 3’ 9 3/8” (641 – 1149)</td>
<td>6’ 1” to 11’ 1” (1854 – 3378)</td>
</tr>
<tr>
<td></td>
<td>Biparting</td>
<td>9’ to 16’ (2743 – 4877)</td>
<td>4’ 1/4” to 8’ 9/16” (1257 – 2680)</td>
<td>2’ 7/8” to 4’ 11 1/8” (800 – 1511)</td>
<td>7’ 5” to 10’ 5” (2261 – 3494)</td>
</tr>
</tbody>
</table>

See page 18 for choice of activation and sensors
HD-Storm™
Hurricane Rated Door Systems

**Up to ±80 PSF, With 3-Point Locking**
Offering the largest envelope, highest PSF rating, massive steel rail reinforcement and 3-point locking, this system offers the ultimate protection against high winds and windborn debris.

**Drive Mechanism**
Series 2001 belt drive, 6” x 8” header

ProfilerStorm®

**Up to ±55 PSF**
An industry standard for Miami-Dade compliance, the ProfilerStorm® series boasts several emergency egress designs and locking options, making it ideal for any application.

**Drive Mechanism**
Series 2000 linear or Elite belt drive, 4” x 6” header

HD-Storm™ and ProfilerStorm® Applications
- Coastal, Inland Storm Zones - Large Missile
- Commercial/Health Care - Small Missile
- High Rise Residential - Non-Impact
- Grocery, Other Retail
- Schools, Government

HD-Storm
7’ Max.
14’ Max.

ProfilerStorm
8’ Max.
16’ Max.

* 85 PSF for breakout (Type 310)

Elegant®
2001 Belt Drive All-Glass System

With frameless styling, the Elegant® door system showcases your building’s inner beauty while offering the advantages of automatic operation and energy efficiency. Supplied with ¼” tempered glass.

**Drive Mechanism**
Series 2001 belt drive

**Applications**
Two-Way Traffic, All-Glass Design
- Hotels/Resorts - Office Buildings
- Medical Facilities - Retail

**HD-Slide™**
2001 Heavy Duty Belt Drive System

Developed for use with large commercial and industrial doors up to 500 lbs., this system is engineered with a high capacity header, heavy duty power train and breakouts. An optional ¼ HP motor is available to accommodate extreme requirements.

**Drive Mechanism**
Series 2001 belt drive

**Applications**
Two-Way Traffic, Large/Heavy Doors
- Hotels/Resorts - Office Buildings
- Medical Facilities - Bullet-Resistant Glass Available

See page 18 for choice of activation and sensors.
Profiler®-ICU MAX®
Manual & Self Closing Sliding Doors

Designed specifically for the critical care environment of ICU/CCU rooms, these multi-function doors keep patients in full view when doors are closed. The panels swing out to provide maximum clearance for beds and equipment.

- Choice of two- or three-panel configurations
- Trackless design option for easier installation and unobstructed mobility and superior hygiene
- Available self closing mechanism
- Available with multiple privacy glass options

Multi-access design allows clear monitoring of the room and full breakaway to move patients.

Optional mini-blind glass provides light control and privacy.

Selection Guide

<table>
<thead>
<tr>
<th>Model</th>
<th>Type</th>
<th>Unit Width</th>
<th>Max. Clear Opening</th>
<th>Type 310 Breakout Opening</th>
</tr>
</thead>
<tbody>
<tr>
<td>Profiler®-ICU MAX</td>
<td>Single</td>
<td>7’ to 9’</td>
<td>3’ 1” to 4’ 0½”</td>
<td>6’ 1½” to 11’ ½”</td>
</tr>
<tr>
<td></td>
<td>Telescoping</td>
<td>7’ to 12’</td>
<td>3’ 9” to 7’ 1½”</td>
<td>6’ 6½” to 11’ ½”</td>
</tr>
<tr>
<td>Profiler® Smoke Rated ICU/CCU MAX</td>
<td>Single</td>
<td>7’ to 9’</td>
<td>3’ 1” to 4’ 0½”</td>
<td>6’ 3” to 8’ 3”</td>
</tr>
<tr>
<td></td>
<td>Telescoping</td>
<td>7’ to 12’</td>
<td>3’ 9” to 7’ 1½”</td>
<td>6’ 1½” to 11’ ½”</td>
</tr>
</tbody>
</table>

Telescoping system provides up to 80 inches of clear opening width for beds and equipment.

Both moving panels slide open smoothly with one-hand operation and close with full interlock seals.

* Patent Pending
Operator Features
Series 4000 and Series 7000 Operators
• Adjustable opening and closing speeds
• Adjustable time delay closing (2-30 seconds)
• Push-N-Go® activation
• SoftTouch® safety feature reverses a closing door
• Obstruction sensing reduces opening speed when obstructed

Options
• Single, pair or double egress door operation
• Choice of in-swing, out-swing, left or right handed operation
• Available as surface applied operator or overhead concealed package complete with door and frame
• Header with bottom or side access

Applications
One-Way or Two-Way Traffic
- Retail
- Hospitals
- Hotels
- Office Buildings
- Industrial
- Airports
- Government
- Schools and Libraries

Customer Review
“I just want to say thank you very much for your automatic doors! I am in a wheelchair and your doors simplify my life incredibly.”

Briony Chisholm
Cape Town, South Africa

HD-Swing™
Series 4000 Heavy Duty Universal Operator
Available in our widest range of configurations, the Series 4000 operator is easily adapted in the field for a wide range of commercial uses.
• Choice of header models for surface applied or overhead concealed installations
• Preset for left or right hand operation as ordered, easily modified if desired
• Simple adjustments for full energy (automatic) or low energy (handicap)
• Single acting spring always returns door to closed position, with adjustable speed and force.
• Combine with proper activation (see page 18)
• Bullet-resistant glass available

Whether for new construction or an existing building, Horton Automatics swing and folding door systems provide a full range of access solutions for low energy, handicap, or high-traffic automatic access applications.
EasyAccess™
Series 7000 Low Energy Handicap Operator

The Series 7000 operator is ideal for new or converted barrier-free openings per ANSI A117.1 & A156.19 (ADA).

- Automatic opening with button or push plate activation
- Easily adjustable opening and closing speeds
- Surface applied mounting
- Push-N-Go® feature, SoftTouch™ reversing and obstruction sensing
- Available in 4” x 6” or 6” x 6” side access headers

HD-Swing™ LE
Series 4000LE Low Energy ADA Compliant, Heavy Duty Operator

Ideal for use with large, heavy doors required to meet ADA and ANSI A117.1 & A156.19 as well as high traffic hospital environments.

- Easy switching to full energy (automatic) operation
- Heavy duty ¼ HP drive for taller and heavier doors
- Choice of in-swing, out-swing, left or right handed functions
- Surface applied or overhead concealed mounting in the header
- Available in 4 ½” x 6” bottom access or 6” x 6” side access header

FoldingAccess™
Narrow Corridor Folding Door

Ideal for small vestibules and hospital corridors that require wide openings in a narrow corridor. Each FoldingAccess™ door package includes Vista® sensing technology (page 18) for full automatic operation. The system may also be specified for manual operation.

The folding design incorporates the built-in safety of emergency breakout and a low closing force of less than 15 lbs. Available with magnetic lock and panic hardware.

Standard Features
- Emergency breakout
- Finger guard at all hinge points
- Accommodates one-way or two-way traffic
- Also available in manual opening styles for ICU applications

Selection Guide

<table>
<thead>
<tr>
<th>Type</th>
<th>Unit Width</th>
<th>Maximum Clear Opening</th>
<th>Maximum Breakout Opening</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single</td>
<td>3’ 8” to 4’</td>
<td>2’ 8” to 3’ 2” (2 panels) (1118–1219)</td>
<td>2’ 11” to 3’ 3” (889–991)</td>
</tr>
<tr>
<td>Pair</td>
<td>6’ to 8’</td>
<td>4’ 4” to 6’ 4” (4 panels) (1829–2438)</td>
<td>4’ 11” to 6’ 11” (1499 – 2108)</td>
</tr>
</tbody>
</table>

Other Swing Door Packages
Series 0500 Manual Swing Door

Package includes overhead concealed hydraulic closer with frame and center-pivoted doors. Doors are double-acting and can be right or left hand. This package is often used in multiple door installations where a manual swing door is located next to automatic sliding or revolving doors.
Swing & Folding Door Operators & Packages

ICU/CCU Bi-Fold/Bi-Swing™ Multi-Access Combination System

Versatile access of a swing door for normal two-way traffic and an adjacent bi-fold door dramatically increases the opening up to six feet eight inches when moving patients or medical equipment.

**Bi-Fold Door** creates additional clearance for patient and equipment moves.

**Bi-Swing Door** opens conveniently in both directions for normal traffic.

---

Smoke Swing Doors

Horton Automatics offers manual swing doors in equal, unequal, and pair configurations. Available in rough opening sizes ranging from 39½" to 99½" with up to 91" of clear opening area, these systems can also be painted to enhance your design. These systems can come with mini-blind glass and/or fire-rated panel options.

**Standard Features**
- Positive latching handles for added safety and superior smoke seal
- Concealed high temperature weather strip and gasket design

Available in single, equal pair and unequal pair door widths up to 48" per leaf.

---

Other Specialty Operators

**Series 4700 Super Duty Swing Door Operator**

The opening and closing force provided by this surface applied operator is adjustable and delivers substantial torque at the output shaft. With its ¼ HP motor, the Series 4700 can operate extremely heavy doors such as lead-lined doors used in hospital X-ray rooms.

---

ICU/CCU STC-35 Swing™ Door System

Smoke-Rated Manual Door

The Acoustic STC-35 ICU Swing™ Door from Horton Automatics is the first door designed to meet the stringent demands of hospital applications, and is intended primarily for interior use in the ICU and CCU. The STC-35 manual swing door features wide glass panels for unobstructed viewing of patients and an improved handle design.

Available in single, equal pair and unequal pair.

---

Selection Guide

**Type** | **Unit Width** | **Clear Opening** | **Breakout Opening**
--- | --- | --- | ---
Swing/ Folding | 6’ - 8’ (1829 - 2438) | 4’ 8” - 6’ 8” (1422 - 2032) | 4’ 11” - 6’ 11” (1499 - 2108)

---

Selection Guide

**Type** | **Unit Width** | **Panel Width** | **Swing Opening** | **Rough Opening Width**
--- | --- | --- | --- | ---
Single | 3’4” - 4’4” | 3’ 4” | 2’8” - 3’8” | 3’4” - 4’4”
Pair | (1016-1321) (914-1219) | (822-1127) (1029-1334) | (1016-1321) (914-1219) | (822-1127) (1029-1334)
Equal | 6’3” - 8’3” | 3’ 4” | 5’ 5” - 7’5” | 6’4” - 8’4”
Pair | (1918-2527) (914-1219) | (1667-2276) (1829-2540) | (1918-2527) (914-1219) | (1667-2276) (1829-2540)
Unequal | 5’3” - 6’3” | 3’ 4” | 4’5” - 5’5” | 5’4” - 6’4”
Pair | (1613-1918) (914-1219) | (1362-1667) (1626-1930) | (1613-1918) (914-1219) | (1362-1667) (1626-1930)
Horton Automatics revolving door systems offer impressive architectural appeal, energy efficiency and effective high traffic management.

Five major design series are offered in a wide selection of finishes, diameters, door wing configurations, glazing options, sensors and security systems.

**Standard Features**
- Constant seal helps control heating/cooling costs, eliminating dust, drafts and noise
- Segmented® or round drum design
- Magnetic breakaway door wings for emergency egress
- Bump-To-Idle™ for added safety
- Easily adjustable manual or automatic rotation
- One-way, two-way or card access security
- Easy manual operation during power outages
- Most models are easily customized with all glass and stainless steel materials plus special roof panel designs and extended canopies
- Compliance with ANSI 156.27 revolving door standard

**Applications**
- High Traffic
- Energy Efficiency
- Security
  - Airports
  - Hospitals
  - Hotels
  - Schools
  - Restaurants
  - Manufacturing Facilities
  - Financial/Government
  - Shopping Malls and Retail
  - Upscale Condominiums
  - Call Centers
  - Traffic Management

---

**Grand **

**9600 Series Large Diameter 2-Wing**

The Grand® 9600 Series 2-Wing is available in systems up to 16 feet handling heavy pedestrian traffic up to 80 people per minute. The Grand® 9600 Series is ideal for healthcare, corporate headquarters, airports and retail applications.

**Standard Features**
- Round drum design
- Integrated sliding or swing door configuration
- Program selector to change rotation speeds to accommodate facility users as weather dictates
- 3-in-1 design that includes a revolving door, a sliding door and a balanced door

---

**Grand®**

**9600 Series Large Diameter Vestibule System**

Spacious compartments provide an elegant, energy-efficient entrance up to 16 feet in diameter to manage high volume traffic needs including shopping carts, bicycles, wheelchairs, walkers and even hospital stretchers.

**Standard Features**
- Segmented® or round drum design
- Panels fold against the core for emergency egress
- Smooth, continuous rotation
- VistaScan™ electronic sensing system slows or stops the door when objects are within 8” to 12” of the wings
- Customizable voice enunciator
- Bullet-resistant glass available, segmented drum only
- One-way security available

---

**Selection Guide**

<table>
<thead>
<tr>
<th>Model</th>
<th>Type</th>
<th>Outside Diameter</th>
<th>Segmented Drum/ Round Drum</th>
<th>Throat Opening</th>
<th>Throat Opening</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grand® 2W</td>
<td>Two-Wing</td>
<td>12’ 1¼” to 16’ ¾”</td>
<td>—</td>
<td>5’ 10¾” to 7’ 10¾”</td>
<td>(1800–2400)</td>
</tr>
<tr>
<td>Grand®</td>
<td>Three-Wing</td>
<td>12’ to 16’</td>
<td>5’ 3¼” to 7’ 3½”</td>
<td>5’ 1½” to 7’ 1½”</td>
<td>(1565–2175)</td>
</tr>
</tbody>
</table>

---

**Did You Know?**

*Horton Grand Revolving Doors are featured at New York’s LaGuardia airport. 16’ 3-wing units add drama to the airport architecture while providing the ability to move large volumes of traffic.*
Manual Revolving Doors

**MiniGrand®**
9300MG Series Automatic Entrance System
The MiniGrand® offers the drum construction of a Grand® and the center shaft and door wing construction of an AutoFlow™.

**Standard Features**
- Segmented® or round drum design
- Smooth continuous rotation
- Auto rotation with VistaScan™
- Bullet-resistant glass available, segmented drum only

**AutoFlow™**
9300 Series Automatic Entrance System
With this hands-free entrance system, motion detectors at each opening start door rotation on user approach. A reduced speed feature slows the rotation for wheelchairs, strollers and other slower traffic. The unit is microprocessor controlled with wireless remote speed adjustment, self-diagnostic display for service and voice messages including four field-programmable voice prompts.

**Standard Features**
- Segmented® or round drum design
- Standard 10’ diameter
- Curved tempered or laminated wall glass
- Three-wing with medium stiles
- Virtually unlimited custom features: finishes, special diameters and heights, ceiling lights, all-glass ceiling, VistaScan™ and FootGuard™ safety features, AutoLock™ automatic after-hours locking, EntryGuard™ late entry protection and more
- Bullet-resistant glass available, segmented drum only

**EasyFlow™**
9500 Series Manual Door System
An outstanding choice for energy efficiency along with architectural appeal, the EasyFlow™ series is offered in a variety of configurations to suit any installation requirement. Each system includes Horton’s proven mechanical speed control and book-fold hardware for emergency egress.

**Standard Features**
- Segmented® or round drum design
- Four standard diameters 6’ to 8’
- Curved tempered or laminated wall glass
- Push bars or muntins
- Choice of finishes
- Broad range of specifier options including all glass Elegant® models, special diameters and heights, lighted and all-glass ceilings, electronic speed control and other custom touches

**Selection Guide**

<table>
<thead>
<tr>
<th>Outside Diameter</th>
<th>Segmented® Drum</th>
<th>Round Drum</th>
</tr>
</thead>
<tbody>
<tr>
<td>11’ (3353)</td>
<td>4’ 9 3⁄4” (1467)</td>
<td>4’ 7 3⁄8” (1413)</td>
</tr>
<tr>
<td>12’ (3658)</td>
<td>5’ 3 1⁄8” (1619)</td>
<td>5’ 1 1⁄2” (1565)</td>
</tr>
</tbody>
</table>

**Did You Know?**
Three-wing revolving doors with polished brass finished are featured at the Paris Hotel in Las Vegas. These custom made doors were designed to match the European style of the construction and handle hundreds of thousands of visitors every year.
ClearFlow™ Manual
All-Glass Revolving Door System

Designed for accentuating high volume traffic applications. Built with a center point design, the ClearFlow™ is ideal for accentuating the inner beauty of a building and is a good alternative to an automatic all-glass system.

Standard Features
• Round Design
• Available in three or four-wing configurations
• All glass
• Speed control is in ground

Sensors for Revolving Doors

Activation components for revolving doors are available for directional security and entry protection. Horton ControlFlow™, AutoFlow™ and Grand® revolving systems include the appropriate devices for each application.

Most revolving door sensing packages include motion detection on both sides for door activation. Additional sensing may include a top-of-wing mounted VistaScan™ sensor to slow or stop door rotation if someone is near the wing, a FootGuard™ contact switch and Entryguard™ infrared sensing of interior/exterior entrance zones and other detection electronics.

ControlFlow™ 9200 Series Automatic Security Door System

Available in a choice of One-Way, One-Way Airport and Two-Way Card Access security packages, this system has selectable security levels. Add optional Level III bullet resistant glazing and Vistom HS® advanced 3D anti-piggybacking/anti-tailgating prevention sensors (page 14) for ultimate protection in banks/financial, government and other high security installations.

Standard Features
• Segmented® or round drum design
• Overhead sensors in place of mats
• Wireless remote setup with 16 modes of operation and other programming options
• Field programmable voice messages
• Magnetic breakaway for emergency egress
• Choice of anodized aluminum, paint or metal clad finishes
• Special sizes, extended canopy and other options available
• Bullet-resistant options, segmented drum only

ControlFlow™ One-Way Security Series 9100 AP

ControlFlow™ One-Way Card Access Security Series 9200

With Anti-Tailgate and Anti-Piggyback Security

ControlFlow™ Two-Way Card Access Security Series 9200

With Anti-Tailgate and Anti-Piggyback Security
Visdom ELITE®
Two-Way Matless, Anti-Piggyback / Anti-Tailgate Security System

The Visdom Elite detects unauthorized entry violations such as Piggybacking and Tailgating. The system goes beyond existing vision based, weight based, infrared and ultrasonic systems, actually discerning the difference between true violations and everyday authorized personnel – such as a person with a parcel or heavy clothing which other systems often detect inaccurately.

Standard Features
• Dual Sensors
• Real Time Clock (RTC) capable of marking individual events
• Easily retrofits onto existing Horton security revolving doors
• Highly immune to shadows, reflections and environmental changes
• Versatile X or + configuration
• Continuous flow from both directions simultaneously
• Bullet-resistant glass available, segmented drum only

Flexible Security Levels
The Visdom Elite can be tailored to meet the level of security you require with several modes of operation such as card in-card out, card in-free exit and can communicate with card reader systems utilizing an anti-pass back feature. The Visdom Elite sensor interacts with Horton Automatics ControlFlow security revolving door control to keep would-be violators out of the restricted area, yet provide ease of access to valid users.

Easy To Install
Visdom Elite installs easily on new or existing door systems and does not require special mounting. The system is a compact, self-contained “People Counter” that includes all hardware in a single box. It mounts into the canopy of revolving doors at standard ceiling heights.

Selection Guide

<table>
<thead>
<tr>
<th>Model</th>
<th>Type</th>
<th>Outside Diameter</th>
<th>Throat Opening</th>
</tr>
</thead>
<tbody>
<tr>
<td>Visdom ELITE®</td>
<td>Four-Wing</td>
<td>6’ 3/8” (1918)</td>
<td>3’ 10” (1168)</td>
</tr>
<tr>
<td>Round Canopy</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Segmented Drum</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Visdom ELITE®</td>
<td>Four-Wing</td>
<td>6’ 9/16” (2070)</td>
<td>4’ 3/4” (1296)</td>
</tr>
<tr>
<td>Round Canopy</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Segment Drum</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

With Anti-Tailgate and Anti-Piggyback Security

Visdom ELITE®
Selection Guide
Industrial Sliding Door Systems

HD-Slide™ Industrial With Hollow Metal Panel
Heavy Duty Industrial Door System

Utilizes 18 or 20 gauge galvanized steel skin doors with Kraft honeycomb core. Interior framing channels are 14 gauge steel. Panels have a flush appearance with no exposed fasteners.

### Selection Guide

<table>
<thead>
<tr>
<th>Type</th>
<th>Overall Unit Width</th>
<th>Maximum Slide Opening</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single Slide</td>
<td>6’ 8½” to 20’ 8½”</td>
<td>5’ to 10’</td>
</tr>
<tr>
<td></td>
<td>(2134–6312)</td>
<td>(1524–3048)</td>
</tr>
<tr>
<td>Bi-Parting Slide</td>
<td>13’ 5½” to 25’ 5½”</td>
<td>5’ to 12’</td>
</tr>
<tr>
<td></td>
<td>(4102–7760)</td>
<td>(1524–3658)</td>
</tr>
</tbody>
</table>

### Did You Know?

Horton Industrial systems are available in pneumatic and explosion-proof configurations.

UltraClean™ Atmospheric II (ISO 5)
Atmospheric Sliding Doors

Designed to meet ISO 14644 Class 5 Cleanroom applications, these doors are suitable for cleanroom air showers, sterile environments, pharmaceutical or healthcare labs, and manufacturing processing. Available in single slide and biparting configurations, surface-applied or mounted within wall openings.

### Selection Guide

<table>
<thead>
<tr>
<th>Type</th>
<th>Overall Unit Width</th>
<th>Maximum Slide Opening</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single Slide</td>
<td>7’ to 9’</td>
<td>3’ to 4’</td>
</tr>
<tr>
<td></td>
<td>(2134–2743)</td>
<td>(914–1219)</td>
</tr>
<tr>
<td>Bi-Parting Slide</td>
<td>8’ to 16’</td>
<td>3’ to 7’</td>
</tr>
<tr>
<td></td>
<td>(2438–4877)</td>
<td>(914–2134)</td>
</tr>
</tbody>
</table>

UltraClean™ Sterile
Food Preparation Sliding Door Solutions

This stainless sliding door system is ideal for very low particulate applications such as food preparation facilities and is able to withstand frequent washdowns. Available in single or biparting configurations, surface applied or mounted within wall opening. Heavy-duty belt drive operator and touchless wall-mounted scanner activation come standard.

### Lead-Lined
X-Ray Room Sliding Door Solutions

Horton lead-lined automatic slide doors for radiation and X-ray shielding applications are custom manufactured to meet federal safety regulations. These surface-mounted aluminum doors with a structural core of resin are available with a Vision Lite leaded glass option. Autolock fail-safe functionality and a battery backup if power fails comes standard.

### Selection Guide

<table>
<thead>
<tr>
<th>Type</th>
<th>Overall Unit Width</th>
<th>Maximum Slide Opening</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single Slide</td>
<td>7’ 1½” to 13’ 1½”</td>
<td>3’ to 4’</td>
</tr>
<tr>
<td></td>
<td>(2171–4001)</td>
<td>(914–1219)</td>
</tr>
</tbody>
</table>
Designed for public and private transit complexes, this equipment is installed as an integral part of Automated People Mover (APM) systems. Horton Automatics has been developing these custom systems for more than 35 years with installations in major transportation hubs throughout the world. All systems enhance communication between components that govern operating functions. The systems are designed for long life, high reliability and maximum safety per ASC APM Standards. For information about a custom engineered transit system, contact Horton Automatics.

The barrier wall design option includes all the supporting structure for the platform doors which results in shorter installation time and fewer trades to coordinate.

**Applications**
- Airports
- Resort Hotels
- Public Transit
- Theme Parks
- Transit Vehicles
- Subways

**Design Options**
- Station Platform Screen Doors (PSD)
- Transit System Sliding Doors
- Automatic Train Control (ATC) Monitoring
- Transit Vehicle Door Operators
- Emergency Egress Door (EED)
- Control Panels
- Full Barrier Wall

**Customer Review**

“Bombardier has selectively chosen Horton Automatics to support its APM projects based upon their proven ability to meet stringent technical, quality and schedule requirements with focus to maintain a better established budget.”

Bombardier Transportation

**Did You Know?**

Horton transit door systems are in more than 45 major airports worldwide including Frankfurt, Kuala Lumpur, Singapore, Rome, Beijing, Heathrow, Seoul, Madrid, Toronto, DFW, Houston and Las Vegas.

**Selected Worldwide Installations**
- Hatsfield-Jackson International Airport, Atlanta, Georgia
- Heathrow Airport, London, United Kingdom
- Frankfurt am Main Airport, Frankfurt, Germany
- Dulles International Airport, Washington DC
- Kuala Lumpur International Airport, Sepang, West Malaysia
- Toronto Pearson International Airport, Toronto, Canada
- Beijing Capital International Airport, Beijing, China
- Benito Juárez International Airport, Mexico City, Mexico
- Incheon International Airport, Seoul, South Korea
- Dallas/Fort Worth International Airport, Dallas, Texas
- Las Vegas Monorail, Las Vegas, Nevada
- Guadalajara BRT, Guadalajara, Jalisco, Mexico
- Trasnmilenio BRT, Bogotá, Colombia
- Metrovia BRT, Guayaquil, Ecuador
Secure Exit Lanes

The Secure Exit Lane provides one-way pedestrian traffic flow between the secure and non-secure zone of an airport or other high-security environment. Directional motion detection technology reduces the threat of unauthorized access to a secure environment by sensing and monitoring traffic flow direction.

The Secure Exit Lane uses an array of sensors to detect unauthorized entry and foreign objects. The unmanned system can minimize the need for physical personnel by providing remote monitoring capability. Unauthorized entry and static object detection are only two of the many potential threats capable of triggering a security alert at the Secure Exit Lane.

The system’s sleek design integrates nicely into areas with restricted space, making it a versatile solution for airports of all sizes. In larger facilities, Secure Exit Lanes can be lined up side by side to increase pedestrian throughput in areas of heavy traffic.

Consult factory for dimensions and ordering details.

Standard Features

- User interface
- Remote monitoring
- Customizable
- One-way security
- High-volume throughput
- Sleek style
- Audible commands
- Bullet-resistant glass option

Drive-Thru Service Windows

Horton service windows are a standard specification for leading restaurant chains, pharmacies and other companies that have discovered how drive-thru service can enhance their business. These custom systems utilize proven Horton automation and construction details including aluminum header and corner-block construction.

Units can be customized with transaction drawers, up to 1” insulated glass, bullet resistant glass, a variety of counter tops such as stainless steel and other specifier options. The windows open and close automatically when activated by Horton’s HiScan™ or WinScan™ actuator and can also be opened manually if there is a power outage. An optional automatic lock secures the window each time it closes.

Standard Features

- Auto-close and reverse-on-contact functions
- Maximum security lock
- Fully assembled and glazed for easy installation
- Several optional finishes (anodized aluminum, paint, metal clad)
- Bullet-resistant glass option

Applications

- Pharmacies - Restaurants
- Banks/Financial - Dry Cleaners
- Labs/Supply Rooms - Reception Areas
- Other Secure Areas

Selection Guide

<table>
<thead>
<tr>
<th>Window/Unit Type</th>
<th>Size</th>
<th>Maximum Slide Opening</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 Panel</td>
<td>45½” to 50” (1156 to 1270)</td>
<td>16” to 20½” (406 to 521)</td>
</tr>
<tr>
<td>2 Panel – Security</td>
<td>50½” (1276)</td>
<td>20½” (521)</td>
</tr>
<tr>
<td>4 Panel</td>
<td>53½” (1359)</td>
<td>21” (533)</td>
</tr>
</tbody>
</table>

With 1” insulated glass or ¼” prep without glass. Also available with recessed pull

With synchronized interlocking slide panels

With thin stile panels, ¼” tempered glass

Also available with ½” glass canopy, stainless steel counter and metal apron
Sensors for Sliding Doors
All dual systems utilize infrared reflective or microwave sensing on both sides for two-way traffic activation. In addition, Horton includes photo beam sensors mounted in the sidelite or frame at 24” and 48” from the floor to prevent closure when an obstacle or pedestrian is in the opening.

### Vista™ Sensor System

<table>
<thead>
<tr>
<th>Part No</th>
<th>Description</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>C1884 or C1234</td>
<td>Choice of Microwave Motion Sensor OR Active Infrared Presence Sensor</td>
<td>Activation/Safety</td>
</tr>
<tr>
<td>C1829</td>
<td>Active Infrared Sensor</td>
<td>Safety</td>
</tr>
<tr>
<td>C1260</td>
<td>Photo Beam (Wall or Guide Rail Mounted)</td>
<td>Safety</td>
</tr>
<tr>
<td>C1878-2</td>
<td>Door Mounted Presence Sensor (Each Side of Door)</td>
<td>Safety</td>
</tr>
</tbody>
</table>

### Low Energy Activation and Safety Options

<table>
<thead>
<tr>
<th>Part No</th>
<th>Description</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>C1829</td>
<td>Infrared Presence Detection</td>
<td>Optional Safety</td>
</tr>
<tr>
<td>C773</td>
<td>Safety Beam Set</td>
<td>Optional Safety</td>
</tr>
<tr>
<td>C1260-5*</td>
<td>4 1/2” x 4 1/2” Stainless Steel Switch</td>
<td>Optional Activation</td>
</tr>
<tr>
<td>C1260-5RC*</td>
<td>4 1/2” x 4 1/2” Wireless Stainless Steel Switch</td>
<td>Optional Activation</td>
</tr>
</tbody>
</table>

* Both with international handicap logo

### Touchless Sensors

<table>
<thead>
<tr>
<th>Part No</th>
<th>Description</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>C8140</td>
<td>1 5/16” x 4” Infrared Brushed Stainless Steel</td>
<td>Touchless Sensor</td>
</tr>
<tr>
<td>C8147</td>
<td>2 3/4” x 4 1/2” Microwave Black Polycarbonate</td>
<td>Optional Activation</td>
</tr>
</tbody>
</table>

Activating Switches
Horton specialists will help you specify the correct switch for your requirements, including:
- Round or square metal push plates
- Push-button
- Keyless digital-code entry
- Key switch
- Electric mat
- Touchless photoelectric wall switch
- Explosion-proof solid state switch
- Touchless sensors

Did You Know?
Horton Automatics is the only manufacturer that offers dual photobeam and presence sensing technology to protect pedestrians at the threshold.
Horton Automatics brings you the professional support of factory-authorized distributors. Whether your application involves a single automatic operator or a complete facility access and security plan, you can expect all phases of the project to be handled professionally.

All Horton systems are built to exceed applicable quality and safety standards including:

- ANSI standards for pedestrian doors
- 1990 ADA requirements for barrier-free entrances
- Tested to UL 1784 to meet National Fire Protection Association (NFPA) regulations
- National building codes related to emergency exit
- American Testing Laboratory ratings for wind load and forced entry
- CSA, IBC, Miami-Dade, BOCA, and other regional requirements
- Listed by Intertek (ETL) for compliance to UL 325 Electrical Door, Drapery, Gate, Louver, and Window Operators and Systems

Call your Horton Automatics distributor today for design, specification and application assistance. Visit www.hortondoors.com to find the nearest distributor in your area.
Specify Horton and demand AAADM certified installation.

Horton Automatics
World Headquarters
4242 Baldwin Boulevard
Corpus Christi, Texas 78405-3399 USA
Phone: 800-531-3111, 361-888-5591
Fax: 361-888-6510
www.hortondoors.com

Horton Automatics, Ltd.
United Kingdom
Unit A, Hortonwood 31
Telford, Shropshire, England TF1-7YZ
Phone: 01952 670169
Fax: 01952 670181

Horton Automatics is a division of Overhead Door Corporation, an innovative industry leader with many firsts in upward-acting doors and electric openers for residential as well as commercial applications.