Automatic Entrance Systems

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 makes 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.
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 1/8 HP motors (1/4 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 break out area for moving wide objects.
Doors slide to the interior of fixed sidelites.

**“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

---

Series 2000
**Linear Drive Operator**
- Superior aesthetics
- Panels up to 200 lbs

Series 2003
**Belt Drive Operator**
- Wider openings
- Larger panels up to 250 lbs

Series 2001
**Belt Drive Operator**
- Higher traffic
- Heaviest panels to 300 lbs (bipart) or 500 lbs (single slide)

- Supplied with Profiler® and ProfilerStorm® linear drive and belt drive door systems
- Slim 4” x 6” flush to jamb header
- Durable steel drive shaft with linear clutch action drive block

For Type 010, 110 or 310 installations

- Supplied with ProSlide™ door systems
- Durable 6” x 6” header
- 3/4” steel reinforced neoprene belt

For Type 110 or 310 installations

- Supplied with HD-Slide® Elegant® and custom door systems
- Heavy duty 6” x 8” header
- 1” reinforced neoprene belt

For Type 110 or 310 installations
Profiler®
2000 Linear Drive System
2000B Belt Drive System

With the smallest header profile in the industry, this door system is often selected for its visual appeal. Yet the real advantage is the system’s dependability, with few parts to wear out and easy adjustments.

Drive Mechanism
Series 2000 linear drive
Series 2000B belt drive

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 with heavier door panels up to 250 lbs.

Drive Mechanism
Series 2003 belt drive

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

Selection Guide

<table>
<thead>
<tr>
<th>Model</th>
<th>Type</th>
<th>Unit Width</th>
<th>Max Slide Opening</th>
<th>Breakout Opening</th>
</tr>
</thead>
<tbody>
<tr>
<td>Profiler®</td>
<td>Single Slide</td>
<td>7’ to 9’</td>
<td>3’ to 4’</td>
<td>3’ 3/16” to 4’ 3/16”</td>
</tr>
<tr>
<td></td>
<td>Bi-part</td>
<td>8’ to 16’</td>
<td>3’ to 7’</td>
<td>3’ 7/16” to 7’ 7/16”</td>
</tr>
<tr>
<td>ProSlide™</td>
<td>Half Telescoping</td>
<td>7’ to 12’</td>
<td>3’ 7/16” to 6’ 11/16”</td>
<td>5’ 9/16” to 10’ 9/16”</td>
</tr>
<tr>
<td>Telescoping</td>
<td>Bi-part</td>
<td>8’ to 16’</td>
<td>3’ 5/16” to 8’ 9/16”</td>
<td>5’ 10/16” to 13’ 10/16”</td>
</tr>
</tbody>
</table>

See page 15 for choice of activation and sensors.

NEW
2000-IDS Automated ICU Isolation Door System
Sliding entrance to a positive/negative pressure isolation room.

- Perimeter seal
- Trackless flow design for unobstructed flow
- Automatic hands-free operation or manual operation

Featured in Frederick Hospital, MD.

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 configuration. Sidelites can be specified for emergency breakout.

Drive Mechanism
Series 2003 belt drive

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

48”
41 3/4”

Type SX-SO   (SO-SX Reverse) Type SO-SX-SX-SO
Optional Muntin Bar

24”

48”

Type SX-O   (O-SX Reverse)
Optional Muntin Bar

7’ 6”

48”

24”

Type SX-SX-SO   (SO-SX-SX Reverse) Type SO-SX-SX-SX-SX-SX-SO
Safety Beams

8’ to 16’
7’ to 12’

Type O-SX-SX-O

Optional Muntin Bar

8’ to 16’
7’ to 12’

Type O-X-SX-SX-X-O

Optional Muntin Bar

5”

2003-IDS Automated ICU Isolation Door System
Sliding entrance to a positive/negative pressure isolation room.

• Perimeter seal
• Trackless flow design for unobstructed flow
• Automatic hands-free operation or manual operation

Featured in Frederick Hospital, MD.

NEW
2000-IDS Automated ICU Isolation Door System
Sliding entrance to a positive/negative pressure isolation room.

- Perimeter seal
- Trackless flow design for unobstructed flow
- Automatic hands-free operation or manual operation

Featured in Frederick Hospital, MD.
**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 belt drive, 4” x 6” header

**HD-Storm and ProfilerStorm™ Applications**
- Coastal, Inland Storm Zones
- Commercial/Health Care
- High Rise Residential
- Grocery, Other Retail
- Schools, Government

**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 1/2” tempered glass.

**Drive Mechanism**
Series 2001 belt drive

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

**Drive Mechanism**
Series 2001 belt drive

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

**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 1/4 HP motor is available to accommodate extreme requirements.

**Drive Mechanism**
Series 2001 belt drive

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

---

**Selection Guide**

<table>
<thead>
<tr>
<th>Model</th>
<th>Type</th>
<th>Unit Width</th>
<th>Max Slide Opening</th>
<th>Breakout Opening</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>HD-Storm™</strong></td>
<td>Single Slide</td>
<td>7’</td>
<td>2’ 11½” to 5’ 11½”</td>
<td>3’ 4½” to 6’ 8½”</td>
</tr>
<tr>
<td></td>
<td>Bi-part</td>
<td>10’ to 14’</td>
<td>3’ 11½” to 5’ 11½”</td>
<td>4’ 8½” to 6’ 8½”</td>
</tr>
<tr>
<td><strong>ProfilerStorm®</strong></td>
<td>Single Slide</td>
<td>6’ to 8’</td>
<td>2’ 10½” to 3’ 4½”</td>
<td>3’ 2” to 3’ 8”</td>
</tr>
<tr>
<td></td>
<td>Bi-part</td>
<td>14’ to 16’</td>
<td>5’ 9½” to 6’ 9½”</td>
<td>6’ 4½” to 7’ 4½”</td>
</tr>
<tr>
<td></td>
<td>Single Slide</td>
<td>6’ to 8’</td>
<td>2’ 7½” to 3’ 8”</td>
<td>2’ 7½” to 3’ 8”</td>
</tr>
<tr>
<td></td>
<td>Bi-part</td>
<td>8’ to 14’</td>
<td>3’ 4” to 6’ 4”</td>
<td>3’ 4” to 6’ 4”</td>
</tr>
<tr>
<td><strong>Elegant®</strong></td>
<td>Single Slide</td>
<td>7’ to 9’</td>
<td>3’ to 4’</td>
<td>3’ 3½” to 4’ 3½”</td>
</tr>
<tr>
<td></td>
<td>Bi-part</td>
<td>8’ to 16’</td>
<td>3’ to 7’</td>
<td>3’ 7” to 7’ 7”</td>
</tr>
<tr>
<td><strong>HD-Slide®</strong></td>
<td>Single Slide</td>
<td>7’ to 9’</td>
<td>3’ to 4’</td>
<td>3’ 3½” to 4’ 3½”</td>
</tr>
<tr>
<td></td>
<td>Bi-part</td>
<td>8’ to 16’</td>
<td>3’ to 7’</td>
<td>3’ 7” to 7’ 7”</td>
</tr>
</tbody>
</table>

See page 15 for choice of activation and sensors.
**Profiler-ICU®**

**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 2-, 3- or 4-panel configurations**
- **Trackless design option for easier installation and unobstructed mobility and superior hygiene**
- **Available self closing mechanism**

**Profiler-ICU® Smoke Rated**

**Manual & Self Closing Sliding Doors**

Exceeding smoke protection per requirements of UL 1784 and NFPA standard 105, the Profiler-ICU® Smoke Rated door system features:

- **Concealed high-temperature gasket or brush design**
- **Positive latching handles**
- **Slide doors available in trackless or recessed track configurations**
- **Available self closing mechanism**

**Profiler® Smoke Rated Telescoping ICU/CCU**

**Manual Telescoping Doors**

The first smoke-rated ICU/CCU door system offered in a telescoping design, this system extends access up to 80 inches, with standard and custom packages offered from 7 to 12 feet rough openings.

- **Up to 78% greater access width than standard smoke-rated single sliding ICU doors**
- **Smoke rating per UL 1784 and NFPA 105 standards**
- **Trackless floor design for unobstructed flow**
- **Low profile header for superior aesthetics**
- **Positive latching handles and interlock seals**

---

**Selection Guide**

<table>
<thead>
<tr>
<th>Model</th>
<th>Type</th>
<th>Unit Width</th>
<th>Max Slide Opening</th>
<th>Breakout Opening</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Profiler-ICU®</strong></td>
<td>Single Slide</td>
<td>7' to 9'</td>
<td>3' to 4'</td>
<td>3' 3/8&quot; to 4' 3/8&quot;</td>
</tr>
<tr>
<td></td>
<td>Bi-part</td>
<td>8' to 16'</td>
<td>3' to 7&quot;</td>
<td>3' 7/8&quot; to 6' 7/8&quot;</td>
</tr>
<tr>
<td><strong>Profiler-ICU® Smoke Rated</strong></td>
<td>Single Slide</td>
<td>7' to 9'</td>
<td>3' to 4'</td>
<td>3' 3/8&quot; to 4' 3/8&quot;</td>
</tr>
<tr>
<td><strong>Smoke Rated</strong></td>
<td>Single Slide</td>
<td>7' to 12'</td>
<td>3' 4 1/4&quot; to 6' 8 3/8&quot;</td>
<td>6' 1&quot; to 11' 1&quot;</td>
</tr>
<tr>
<td><strong>Telescoping ICU/CCU</strong></td>
<td>Single Slide</td>
<td>7' to 12'</td>
<td>3' 4 1/4&quot; to 6' 8 3/8&quot;</td>
<td>—</td>
</tr>
</tbody>
</table>

---

*Optional mini-blind glass provides light control and privacy.*

---

*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.*
Whether for new construction or an existing building, Horton Automatics door systems provide a full range of access solutions for low energy, handicap, or full automatic access applications.

**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

"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 15)
EasyAccess®
Series 7000 Low Energy Handicap Operator
The Series 7000 operator is ideal for new or converted barrier-free openings per ANSI A117/156.19, 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

FoldingAccess® Door System
Ideal for small vestibules and hospital corridors that require wide openings in a narrow corridor. Each FoldingAccess® door package includes Vista® sensing technology (p. 15) for full automatic operation. The system may also be specified for manual operation.

Standard Features
- Emergency breakout
- Finger guard at all hinge points
- Accommodates 1-way or 2-way traffic
- Also available in manual opening styles for ICU applications

Applications
Maximum Opening Within Confined Spaces

<table>
<thead>
<tr>
<th>Type</th>
<th>Clear Opening</th>
<th>Breakout Opening</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single (2 door panels)</td>
<td>3' 5&quot; to 4'</td>
<td>2' 8 7/8&quot; to 3' 3/4&quot;</td>
</tr>
<tr>
<td>Pair (4 door panels)</td>
<td>6' to 8'</td>
<td>4' 4/4&quot; to 6' 4/8&quot;</td>
</tr>
</tbody>
</table>

ICU/CCU Bi-Fold/Bi-Swing™ Manual Door System
Versatile access of a swing door for normal 2-way traffic and an adjacent bi-fold door dramatically increases the opening up to 6 feet 8 inches when moving patients or medical equipment.

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 1/4 HP motor, the Series 4700 can operate extremely heavy doors such as lead-lined doors used in hospital X-ray rooms.
Horton Automatics revolving door systems offer impressive architectural appeal, energy efficiency and the ability to move vast amounts of pedestrian traffic.

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, solid wood 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

**Revolution Doors**

9600 Series Large Diameter Vestibule System

Spacious compartments provide an elegant, energy-efficient entrance up to 16 ft. in diameter to manage high volume traffic needs including shopping carts, bicycles, wheel chairs, 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
- StormLock™ feature for high wind conditions

**Selection Guide**

<table>
<thead>
<tr>
<th>Outside Diameter</th>
<th>Standard Segmented® Drum Entry - 3 Wing</th>
<th>Standard Round Drum Entry - 3 Wing</th>
</tr>
</thead>
<tbody>
<tr>
<td>12’</td>
<td>5’ 3 3/4”</td>
<td>5’ 1 1/4”</td>
</tr>
<tr>
<td>14’</td>
<td>6’ 3 3/4”</td>
<td>6’ 1 1/4”</td>
</tr>
<tr>
<td>16’</td>
<td>7’ 3 3/4”</td>
<td>7’ 1 1/4”</td>
</tr>
</tbody>
</table>

**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.®

**Selection Guide**

<table>
<thead>
<tr>
<th>Outside Diameter</th>
<th>Standard Segmented® Drum Entry - 3 Wing</th>
<th>Standard Round Drum Entry - 3 Wing</th>
</tr>
</thead>
<tbody>
<tr>
<td>11’</td>
<td>4’ 9 3/4”</td>
<td>4’ 7 1/2”</td>
</tr>
<tr>
<td>12’</td>
<td>5’ 3 3/4”</td>
<td>5’ 1 1/2”</td>
</tr>
</tbody>
</table>

Horton Grand Revolvers 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.

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.
ControlFlow®
9200 Series Automatic Security Door System

Available in a choice of 1-Way, 1-Way Airport and 2-Way Card Access security packages, this system has selectable security levels. Add optional Level III bullet resistant glazing and Visdom HS® advanced 3D anti-piggybacking/anti-tailgating prevention sensors (page 12) for ultimate protection in banks/financial, government and other high security installations.

Standard Features
• Segmented® or round drum design
• 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

ControlFlow® 1-Way Security Series 9100

Segmented® Drum
Round Drum

Nominal Inside Diameter
8’-0” (2438) thru 10’-0” (3048)
12’ (3600) Canopy
7’-0” (1830) Ceiling Height

Selection Guide

Segmented® Drum
Round Drum

Nominal Inside Diameter
8’-0” (2438) thru 10’-0” (3048)
12’ (3600) Canopy
7’-0” (1830) Ceiling Height

ControlFlow® 2-Way Card Access Security Series 9200

Segmented® Drum
Round Drum

Nominal Inside Diameter
6’-0” (1830) thru 7’-0” (2134)
12’ (3600) Canopy
7’-0” (1830) Ceiling Height

Selection Guide

Segmented® Drum
Round Drum

Nominal Outside Diameter
12’-0” (3658)
12” (305) Canopy
7’-0” (1830) Ceiling Height

Selection Guide

Segmented® Drum
Round Drum

Nominal Outside Diameter
12’-0” (3658)
12” (305) Canopy
7’-0” (1830) Ceiling Height

Did You Know?
A 2006 MIT study concluded that revolving doors act as airlocks minimizing a building’s heating and air conditioning losses. According to the study, revolving doors generate energy savings up to 74% when compared to other entrance alternatives.
AutoFlow®
9300 Series Automatic Entrance System
With this hands-free entrance system, motion detectors at each opening will 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
- 3-wing or 4-wing designs, all 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

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>Standard Segmented® Drum</th>
<th>Inside Diameter</th>
<th>Entry - 3 Wing</th>
<th>Entry - 4 Wing</th>
</tr>
</thead>
<tbody>
<tr>
<td>6’</td>
<td>6’ 6”</td>
<td>3’ 4”</td>
<td>4’ 2½”</td>
</tr>
<tr>
<td>7’</td>
<td>3’ 3”</td>
<td>4’ 6¼”</td>
<td></td>
</tr>
<tr>
<td>8’</td>
<td>3’ 9”</td>
<td>5’ 7¼”</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Standard Round Drum</th>
<th>Inside Diameter</th>
<th>Entry - 3 Wing</th>
<th>Entry - 4 Wing</th>
</tr>
</thead>
<tbody>
<tr>
<td>6’</td>
<td>6’ 6”</td>
<td>3’ 4”</td>
<td>4’ 2½”</td>
</tr>
<tr>
<td>7’</td>
<td>3’ 3”</td>
<td>4’ 6¼”</td>
<td></td>
</tr>
<tr>
<td>8’</td>
<td>3’ 9”</td>
<td>5’ 7¼”</td>
<td></td>
</tr>
</tbody>
</table>

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.

Visdom HS® High Security
For revolving door entrances in airports, R&D labs and other facilities where unauthorized objects or entry violations are a concern, the Visdom HS® system is the ultimate security solution. Its sophisticated 3D technology can be applied two ways:

Object Detection
- Reduces threat of unidentified objects entering a secure environment
- Array of sensors detects, stops and captures violating objects
- Audible alarm notifies personnel
- Auto reset after violation is rectified

Anti-Piggyback / Anti-Tailgate Security
- Discerns between would-be intruders and authorized personnel
- User-selectable security levels for one or more violators
- Unaffected by shadows, reflections and environmental changes
- RS170 output via standard RCA connector
- Displays and records the intrusion with time stamp
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>11’ 3” to 21’ 3”</td>
<td>5’ to 10’</td>
</tr>
</tbody>
</table>

UltraClean™ Atmospheric Sliding Doors

Designed for Class 1 and Class 10 Atmospheric (Electronic) clean room applications, these door packages feature positive seal, vinyl weatherstrip and touchless wall-mounted scanner activation. Electrical interlocks for sequential operating of up to 10 doors and pneumatic, explosion-proof operator packages are also available.

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>Bi-parting Slide</td>
<td>8’ to 16’</td>
<td>3’ to 7’</td>
</tr>
</tbody>
</table>

Bio-Slide Washdown Door System

With brushed stainless steel doors and optional 10” (254 mm) or 24” (610 mm) vision lites, this sliding door system is commonly used in bio-hazard areas requiring frequent washdown. Standard features include belt drive electric operator and touchless wall-mounted scanner activation. Pneumatic operators, special door finishes as well as pull chain, push plate or motion sensor activation are among options available.

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>Bi-parting Slide</td>
<td>9’ to 16’</td>
<td>3’ 6” to 7’</td>
</tr>
</tbody>
</table>

With up to 12 ft. stroke and 500 lbs. weight capacity, these door systems are engineered for general industrial as well as sterile environments. Select operators only or complete packages with steel, aluminum, fiberglass or stainless steel doors plus tracks, operator and activation devices to suit your requirements.

Typical packages include:
- Floor mounted guides
- Photoelectric beams placed parallel to the door opening
- Fast-acting HD-Slide® operators for industrial installations
- Linear drive operators for washdown applications

Consult factory for explosion-proof systems or for assistance with special applications.

Applications
Two-Way Traffic, Industrial
- Warehouses
- Pharmaceutical/Biotechnology
- Cleanrooms
- Food Processing
- Chemical Processing
- Other Industrial

RapidSlide® Lightweight Steel Door System

Thermacore® insulated steel door assembly has 24” (610 mm) modular sections constructed of metal/foam/metal sandwich for maximum energy efficiency.

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>13’ 2” to 25’ 2”</td>
<td>6’ to 12’</td>
</tr>
</tbody>
</table>

Horton Industrial systems are available in pneumatic and explosion-proof configurations.
**Drive-Thru Service Windows**

Automatic • Security • Manual

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 HipScan™ 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)

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

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

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.

**Standard Packages**

<table>
<thead>
<tr>
<th>Window</th>
<th>Unit Type</th>
<th>Size</th>
<th>Slide Opening</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 Panel</td>
<td>O-X or X-O</td>
<td>48&quot; to 50&quot;</td>
<td>18/&quot; to 20/&quot;</td>
</tr>
<tr>
<td></td>
<td></td>
<td>With 1&quot; insulated glass or 1/4&quot; prep without glass</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Also available with recessed pull</td>
<td></td>
</tr>
<tr>
<td>2 Panel</td>
<td>O-X/O-X or X/OX-O</td>
<td>50/&quot;</td>
<td>21&quot;</td>
</tr>
<tr>
<td></td>
<td></td>
<td>With synchronized interlocking slide panels</td>
<td></td>
</tr>
<tr>
<td>4 Panel</td>
<td>O-X-X-O</td>
<td>53/&quot;</td>
<td>21&quot;</td>
</tr>
<tr>
<td></td>
<td></td>
<td>With thin stile panels, 1/4&quot; tempered glass</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Also available with 1/4&quot; glass canopy, stainless steel counter and metal apron</td>
<td></td>
</tr>
</tbody>
</table>

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

**Toronto Airport**

“We have been Bombardier’s preferred Platform Station Door System supplier since 1988 for a number of international airport installations including Heathrow and Beijing. Our project management teams are completely satisfied with Horton’s performance in meeting Bombardier’s stringent technical, quality, scheduling and budget requirements.”

Richard J. Hock
Bombardier Transportation

**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.**
Sensors for Swinging Doors, Folding Doors

Horton Vista™ sensor packages include systems with varying degrees of presence detection. Basic systems incorporate a microwave or active infrared sensor on the approach side with presence sensors and infrared Sentinel™ photo beam on the swing side. Enhanced Vista™ systems add door mounted presence sensors to each side of the swinging door panel. Guide rails are normally specified on the swing side (or fold side of folding doors) per ANSI A156.10. Two rails are required if a wall or barrier is not present.

Vista™ Sensor System

<table>
<thead>
<tr>
<th>Part No</th>
<th>Description</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>C1284 or C1234</td>
<td>Choice of Microwave Motion Sensor OR Active Infrared Motion/Presence Sensor</td>
<td>Activation</td>
</tr>
<tr>
<td>C1829</td>
<td>Active Infrared Sensor</td>
<td>Safety</td>
</tr>
<tr>
<td>C7783</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>

Safety Beam

43" Min.
24"
5" Max.
15"

Door opening width

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 Motion/Presence Sensor</td>
<td>Activation</td>
</tr>
<tr>
<td></td>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>C1829</td>
<td>Active Infrared Sensor</td>
<td>Safety</td>
</tr>
<tr>
<td>C7783</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>C7783</td>
<td>Safety Beam Set</td>
<td>Optional Safety</td>
</tr>
<tr>
<td>C1260-5&quot;</td>
<td>4½&quot; x 4½&quot; Stainless Steel Switch</td>
<td>Optional Activation</td>
</tr>
<tr>
<td>C1260-5RC</td>
<td>4½&quot; x 4½&quot; Wireless Stainless Steel Switch</td>
<td>Optional Activation</td>
</tr>
</tbody>
</table>

* Both with international handicap logo

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.

<table>
<thead>
<tr>
<th>Part No</th>
<th>Description</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>C1234**</td>
<td>Active Infrared Motion/Presence</td>
<td>Optional - Activation/Safety</td>
</tr>
<tr>
<td>C1827**</td>
<td>Microwave Motion/Active Infrared Presence</td>
<td>Optional - Activation/Safety</td>
</tr>
<tr>
<td>C1238**</td>
<td>Active Infrared Motion/Presence</td>
<td>Optional - Activation/Safety</td>
</tr>
<tr>
<td>C7775</td>
<td>Dual Transmitter/Receiver Photo Beams</td>
<td>Redundant Safety</td>
</tr>
</tbody>
</table>

** A standard sliding door system features a pair of either of these sensors

Did You Know?

Horton Automatics is the only manufacturer that offers dual photobeam and presence sensing technology to protect pedestrians at the threshold.
Setting The Standards For Professional Installation And Service

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
- UL listing and 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

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.

American Association of Automatic Door Manufacturers

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.
Entrance Systems for Health Care
“We are glad to have collaborated with Horton Automatics on the Southwest Washington Medical Center project. Not only did Horton meet stringent time and quality requirements, but they also implemented aesthetic and superior design that helped us differentiate our offering.”

Leigh Sulphin, Principal
NBBJ
Client: Southwest Washington Medical Center, Vancouver, Washington
(front cover photo)

Horton Entrance Systems for Health Care

The automatic choice for performance, convenience and peace of mind

Hospitals and medical facilities have highly specialized access needs that drive some of the toughest building codes in North America. In these facilities, patients must be moved safely and often swiftly. Extra safeguards must be in place related to fire, smoke, wind, security and dozens of other critical considerations. Each facility must also host hundreds and even thousands of staff and visitors that pass through its doors each day.

And it must do all of that efficiently in a 24/7 environment where the doors are never closed. That is health care today. And that is the world of Horton Automatics, the industry leader in door systems for hospitals, out-patient care clinics, nursing homes and other medical facilities.
Smooth operators

Preferred by architects for sleek aesthetics as well as durability, Horton operators are also the choice of facility managers for low maintenance. Horton operators meet virtually any high or low energy access need.

Integrated solutions

Combining Horton doors, controls, sensors and other access solutions throughout your facility will allow you to reduce maintenance worries and confusion. Consider an integrated Horton platform for ultimate continuity in facility design and management.

Specify Horton quality and reliability for your facility

Among the top concerns of any health care facility manager is that a major entrance must be shut down and traffic re-routed. With Horton long life operators and high strength doors, you are choosing the most reliable door systems available. And if service is needed, Horton distributors are available to fix the problem promptly and keep your entrances functioning.

Rugged Corner Block Construction – A Horton Exclusive!
Heavy duty rail design with integral corner blocks adds structural integrity to all Horton door systems. Mortise-style corner block construction is far superior to mass produced through-bolt panels.

Depend on Horton Professional Service

Did you know that access issues and properly maintained door systems are now an important component of JCAHO* inspections? Ask your Horton Automatics distributor to provide regular preventive maintenance that will help assure swift approval on this portion of your accreditation.

*Joint Commission on Accreditation of Healthcare Organizations
Solutions designed to meet specific health care application requirements.

Main Entrances
Emergency
Administration
Intensive Care
Cardiac Care
Corridors
Department Entrances
Patient Rooms
Pharmacy
Admissions
Accounts Payable
Gift Shop

Folding Doors
Our folding doors are used for entrances as well as corridors that require a wide opening but cannot accept a conventional door because of space limitations.

Swing Doors
Designed for high traffic entrances providing convenience and reliability. The variety of header designs will satisfy any architectural requirement.
Revolving Doors
Turn an ordinary entrance into an energy-efficient vestibule system. This large diameter automatic revolving entrance easily accommodates mobile beds.

ICU/CCU Doors
Patients are always in full view through the sliding glass door. The full breakaway feature allows for all panels to swing out of the way providing a large opening for swift removal of patients or equipment.

Sliding Doors
Our broad offering of sliding doors gives you a wide range of choices to meet your exacting requirements for size, color, and finish as well as function, grade of construction and security.

Fire Rated Doors
Offering the cleanest possible installation for fire rated applications in hospitals and other health care facilities requiring an automated fire door system.
Revolve Doors

**Grand**® large diameter vestibule system

Spacious compartments provide an elegant, energy-efficient entrance up to 16 ft. in overall diameter to manage high volume traffic needs including wheel chairs, walkers and even hospital stretchers.

- Easily customized with special finishes, metal cladding, roof panel designs, Segmented® or round wall design as well as extended canopies
- Choice of 3- or 4-wing models, all with quiet, smooth operation and emergency egress panels that fold against the core
- Constant seal helps control energy costs and eliminates drafts
- VistaScan™ electronic sensing system slows or stops the door when objects are within 10” of the wings
- Voice messages announce door slowing, resuming speed and “please step forward”
- StormLock™ feature for high wind conditions

**Selection Guide**

<table>
<thead>
<tr>
<th>Type</th>
<th>Inside Diameter</th>
<th>Entry - 3 Wing</th>
<th>Entry - 4 Wing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Manual</td>
<td>6’ to 8’</td>
<td>up to 3’ 9¼”</td>
<td>up to 5’ 7¼”</td>
</tr>
<tr>
<td>Security</td>
<td>6’ to 7’</td>
<td>—</td>
<td>up to 4’ 8 ¾”</td>
</tr>
<tr>
<td>Automatic</td>
<td>9’ to 10’</td>
<td>up to 4’ 7¾”</td>
<td>up to 6’ 9¼”</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Outside Diameter</th>
<th>Segmented® Drum Entry - 3 Wing</th>
<th>Round Drum Entry - 3 Wing</th>
</tr>
</thead>
<tbody>
<tr>
<td>MiniGrand®</td>
<td>11’ to 12’</td>
<td>up to 5’ ½”</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Outside Diameter</th>
<th>Entry - 3 Wing</th>
<th>Entry - 4 Wing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grand®</td>
<td>12’ to 16’</td>
<td>up to 7’ ½”</td>
</tr>
</tbody>
</table>

**AutoFlow™** revolving systems rotate on approach, allow reduced speed setting for wheel chairs

Glass ceilings and other custom touches add drama along with function.

**MiniGrand®**

The MiniGrand® offers the drum construction of a Grand® and the center shaft and door wing construction of an AutoFlow™

**ARCHITECT TOOLS:**

Specs - www.hortondoors.com/Specifications/specifications.html
CAD Files - www.hortondoors.com/Drawing/drawings.html

“Horton Automatics consistently provides excellent pre-construction services. They understand our clients’ clinical requirements and their local distributor is also very responsive after installation to meet ongoing needs of the medical facilities we build.”

Chad R. Paasch
Project Manager
M. A. Mortenson
Company
Minneapolis, Minnesota
www.mortenson.com
Sliding Doors

Profiler® 2000 linear drive system

These automatic sliding door systems are used in a wide range of health care applications, both interior and exterior. Custom-manufactured to your specifications, they are ADA compliant when properly specified and meet all construction, safety and security requirements.

- Unlimited custom options for size and finish
- High strength corner block construction ensures durability for trouble-free operation
- Door panels break out for emergency egress
- Advanced microprocessor controls with built-in diagnostics
- Dual safety beams for added threshold protection
- Selectable operating modes (day/night, hold open, one-way/two-way, partial opening, off)

ProSlide™ telescoping doors increase clear openings by more than 35% in limited spaces.

Elegant® all-glass system with heavy-duty belt drive system

Selection Guide

<table>
<thead>
<tr>
<th>Model</th>
<th>Type</th>
<th>Unit Width</th>
<th>Max Slide Opening</th>
<th>Breakout Opening</th>
</tr>
</thead>
<tbody>
<tr>
<td>Profiler®</td>
<td>Single Slide</td>
<td>7' to 9'</td>
<td>3' to 4'</td>
<td>3' 3/8 to 4' 3/8'</td>
</tr>
<tr>
<td></td>
<td>Bi-part</td>
<td>8' to 16'</td>
<td>3' to 7'</td>
<td>3' 7'' to 7' 7''</td>
</tr>
<tr>
<td>Elegant®</td>
<td>Single Slide</td>
<td>6' to 8'</td>
<td>2' 7/8 to 3' 8''</td>
<td>2' 7/8'' to 3' 8''</td>
</tr>
<tr>
<td></td>
<td>Bi-part</td>
<td>8' to 14'</td>
<td>3' 4/8 to 6' 4''</td>
<td>3' 4/8'' to 6' 4''</td>
</tr>
<tr>
<td>ProSlide®</td>
<td>Half Telescoping</td>
<td>7' to 12'</td>
<td>3' 7/8'' to 6' 11/8''</td>
<td>2' 1'' to 3' 9''</td>
</tr>
<tr>
<td>Telescoping</td>
<td>Bi-part</td>
<td>8' to 16'</td>
<td>3' 5/8'' to 8' 9/8''</td>
<td>2' 3'' to 4' 11''</td>
</tr>
</tbody>
</table>
**Profiler-ICU®** manual sliding door system

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

- Choice of 2-, 3- or 4-panel designs as well as custom configurations
- Trackless design option for easier installation and a smooth floor surface
- Engineered with the same strong corner block design as our automatic door systems
- Recessed pull handles (standard), optional positive latch sets

### Selection Guide

<table>
<thead>
<tr>
<th></th>
<th>Unit Width</th>
<th>Max Slide Opening</th>
<th>Breakout Opening</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single Slide</td>
<td>7' to 9'</td>
<td>3' to 4'</td>
<td>3' 3/4&quot; to 4' 3/4&quot;</td>
</tr>
<tr>
<td>Bi-Part</td>
<td>8' to 16'</td>
<td>3' to 7'</td>
<td>3' 7&quot; to 7' 7&quot;</td>
</tr>
<tr>
<td>Half-Telescoping</td>
<td>7' to 12'</td>
<td>4' 2&quot; to 7' 6&quot;</td>
<td>—</td>
</tr>
</tbody>
</table>

**Custom corner configuration shown**

**Multi-access design allows clear monitoring of the room (top) plus sliding access (middle) as well as easy breakaway (bottom) to move patients.**

**Manual Sliding Door Applications**

- Intensive Care
- Cardiac Care
**Profiler-ICU® Smoke Rated** manual entrance solutions

This door series provides flexible access to ICU/CCU patients along with smoke protection per UL 1784 and NFPA standard 105.

- Concealed high temperature weather-sweep and gasket design
- Positive latching handle
- Low-profile header for superior aesthetics
- Slide doors available in trackless or recessed track configurations
- **SmokeSwing™ doors** available in single, equal or unequal pair

### Selection Guide

<table>
<thead>
<tr>
<th></th>
<th>Max Slide Opening</th>
<th>Breakout Opening</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Unit Width</strong></td>
<td><strong>Type 110 &amp; 310</strong></td>
<td><strong>Type 110</strong></td>
</tr>
<tr>
<td>Single Slide</td>
<td>7’ to 9’</td>
<td>2’ 9” to 3’ 9”</td>
</tr>
<tr>
<td>Type 110</td>
<td>6’ 1” to 9’ 2”</td>
<td>3’ 7/8” to 4’ 7/8”</td>
</tr>
<tr>
<td><strong>SmokeSwing™ Dimensions</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Door Width</td>
<td>Single</td>
<td>Equal Pair</td>
</tr>
<tr>
<td></td>
<td>up to 48”</td>
<td>up to 48”</td>
</tr>
</tbody>
</table>

Note: Consult factory for newest configurations.

Modified door nosings, bottom rails and interlock seals exceed smoke infiltration requirements of UL 1784.

ARCHITECT TOOLS:
Specs - www.hortodoors.com/Specifications/specifications.html
CAD Files - www.hortodoors.com/Drawings/drawings.html
HD-Swing® fire door package

The all-in-one fire rated steel door system, Series 4900DP is a popular choice for hospital corridors where maximum clear opening is important. It is designed for high traffic use and complies with ANSI requirements for full energy (automatic) operation.

- Series 4900DP packages include 18-gauge steel doors, frame, exit device and Series 4000 heavy-duty operator
- Push-N-Go® function activates the door when pushed, SoftTouch® reopens door if obstructed during closing
- All hardware is factory installed for accurate alignment and time saving installation.

**Selection Guide**

<table>
<thead>
<tr>
<th>Door Width</th>
<th>3' 6&quot; to 4' 3&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single Doors</td>
<td></td>
</tr>
<tr>
<td>Pair of Doors</td>
<td>7' to 8' 6&quot;</td>
</tr>
</tbody>
</table>

One-source solution incorporates a heavy duty operator concealed in the header.

Low-profile push bar protrudes only 1/2" for double egress doors in full open position, 1-1/16" for single or pairs of doors.

ARCHITECT TOOLS:
Specs - www.hortondoors.com/Specifications/specifications.html
CAD Files - www.hortondoors.com/Drawing/drawings.html
EasyAccess® low energy handicap operator

The Series 7000 operator is ideal for new or converted barrier-free openings per ANSI A117/156.19, ADA and local building codes. Standard features include:

- Automatic opening with button or push plate activation
- Easily adjustable opening and closing speeds
- Operator can be surface applied or overhead concealed
- Push-N-Go® feature, SoftTouch® reversing and obstruction sensing

HD-Swing® LE low energy heavy duty handicap operator

Ideal for use with heavy doors, HD-Swing 4000LE series operators exceed handicap access requirements of ANSI A117/A156.19 as well as demands of high traffic hospital environments. Standard features include:

- Easy switching to full energy (automatic) operation
- Heavy duty for larger doors
- Choice of in-swing, out-swing, left or right handed operation

Folding Doors

FoldingAccess® door system

Ideal for hospital corridors and vestibules that require wide openings in a limited space, these automatic folding doors incorporate Vista™ sensing technology.

<table>
<thead>
<tr>
<th>Selection Guide</th>
<th>Unit Width</th>
<th>Opening Width</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single (2 door panels)</td>
<td>3' 5&quot; to 4'</td>
<td>2' 8 5/8&quot; to 3' 1 1/4&quot;</td>
</tr>
<tr>
<td>Pair (4 door panels)</td>
<td>6' to 8'</td>
<td>4' 4 1/8&quot; to 6' 4 1/8&quot;</td>
</tr>
</tbody>
</table>

- Emergency breakout
- Finger guard at all hinge points
- Accommodates 1-way or 2-way traffic
- Also available in manual opening styles for ICU applications
Automatic and manual systems

- Fully assembled for easy installation
- Auto-close and reverse-on-contact functions
- Maximum security locks
- Sensor packages

Specified for hospital drive-through pharmacies plus labs, supply rooms and other secure interior areas, these windows can be equipped with transaction drawers, bullet resistant glass, a choice of counter tops and other custom features.

Setting The Standards For Professional Installation And Service

Horton Automatics brings you the professional support of factory-authorized distributors located throughout North America. Whether your application involves a single automatic door or a complete hospital access and security plan, you can expect all phases of the project to be handled professionally and responsively.

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.

AAADM American Association of Automatic Door Manufacturers