Automatic Entrance Systems
2013 Edition

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.

Product Functions

- Self Closing
- Breakout
- Automatic
- Manual
- ADA
- Smoke Rated
- Security
- Energy Efficient
- X-Ray
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 (⅛ 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 250 lbs

**Series 2008**
Elite Drive Operator
- Superior aesthetics
- Panels up to 250 lbs

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

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

“Shown: Type 110 installation with emergency breakout sliding panels.”
Profiler®
2000 Linear Drive System
2000B Elite Belt Drive System

The 4" x 6" header profile allows for flush mounted solutions to jambs 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</th>
<th>Max. Clear Opening</th>
<th>Type 110 Breakout Opening</th>
<th>Type 310 Breakout Opening</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’ 3/8” to 4’ 3/32” (1003 – 1308)</td>
<td>6’ 3” to 8’ 3” (1905 – 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 1/4” to 14’ 9 1/4” (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’ 11/4&quot; (915 – 2121)</td>
<td>2’ 1 1/4” to 3’ 9 1/4” (641 – 1149)</td>
<td>6’ 11” 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 1/4” (1257 – 2680)</td>
<td>2’ 7 1/4” to 4’ 11 1/4” (800 – 1511)</td>
<td>7’ 5” to 14’ 5” (2261 – 4394)</td>
</tr>
</tbody>
</table>

See page 15 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

Profiler™ Storm

Up to ±55 PSF
An industry standard for Miami-Dade compliance, the Profiler™ Storm 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 Profiler™ Storm

Applications
- Coastal, Inland Storm Zones
- Commercial/Health Care
- High Rise Residential
- Grocery, Other Retail
- Schools, Government

Glass Options
- Large Missile
- Small Missile
- Non-Impact

Elegant™

2001 Belt Drive All-Glass, Full Breakout 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 ½” tempered glass.

Drive Mechanism
Series 2001 belt drive

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

Drive Mechanism
Series 2001 belt drive

Selection Guide

<table>
<thead>
<tr>
<th>Model</th>
<th>Type</th>
<th>Unit Width</th>
<th>Max. Clear Opening</th>
<th>Type 110 Opening</th>
<th>Type 310 Opening</th>
</tr>
</thead>
<tbody>
<tr>
<td>HD-Storm™</td>
<td>Single</td>
<td>7’</td>
<td>2’ 11½”</td>
<td>3’ 4”</td>
<td>—</td>
</tr>
<tr>
<td></td>
<td>Bi-part</td>
<td>10’ to 14’</td>
<td>3’ 1¼” to 5’ 11¼”</td>
<td>4’ 6¼” to 6’ 5¼”</td>
<td>1’ 10” to 6’ 4”</td>
</tr>
</tbody>
</table>

Profiler™ Storm

Single
7’ to 9’ (2134 – 2438) 3’ 3½” to 7’ 7½” (914 – 2134) 6’ 9½” to 14’ 9½” (2070 – 4509)

Bi-part
9’ to 14’ (2348 – 4677) 2’ 3½” to 7’ 3½” (851 – 2231) 7’ 9½” to 12’ 9½” (2375 – 3899)

Elegant™

Single
7’ to 9’ (2134 – 2438) 3’ to 4’ (914 – 1219) 6’ 9½” to 14’ 9½” (2070 – 4509)

Bi-part
9’ to 14’ (2348 – 4677) 2’ 6½” to 6’ 6½” (1067 – 1829) 7’ 9½” to 12’ 9½” (2375 – 3899)

HD-Slide™

Single
7’ to 9’ (2134 – 2438) 3’ to 4’ (914 – 1219) 6’ 9½” to 14’ 9½” (2070 – 4509)

Bi-part
8’ to 16’ (2438 – 4877) 3’ 7” to 7’ 7¾” (1092 – 2311) 6’ 9½” to 14’ 9½” (2070 – 4509)

HD-Storm™ Single
7’ to 9’ (2134 – 2438) 3’ to 4’ (914 – 1219) 6’ 9½” to 14’ 9½” (2070 – 4509)

Bi-part
9’ to 14’ (2348 – 4677) 2’ 6½” to 6’ 6½” (1067 – 1829) 7’ 9½” to 12’ 9½” (2375 – 3899)

* 84 PSF for breakout (Type 310) available in Fall 2012

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 two, three- or four-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.

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**Profiler®-ICU Smoke Rated Manual & Self Closing Sliding Doors**

Exceeding the air leakage requirements of NFPA 105 per UL 1784, 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

Modified door nosings, bottom rails and interlock seals exceed smoke infiltration requirements of NFPA105.

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**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.

- 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 traffic flow
- Low profile header for superior aesthetics
- Positive latching handles and interlock seals

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.

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**Selection Guide**

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

<table>
<thead>
<tr>
<th>Model</th>
<th>Type</th>
<th>Unit Width</th>
<th>Max. Clear Opening</th>
<th>Breakout Opening</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Profiler®-ICU</strong></td>
<td>Single</td>
<td>7’ to 9’</td>
<td>3’ to 4’ (914 – 1219)</td>
<td>3’ 3/8” to 4’ 3/8” (1003 – 1308)</td>
</tr>
<tr>
<td></td>
<td>Biparting</td>
<td>8’ to 16’</td>
<td>3’ to 7’ (914 – 2134)</td>
<td>3’ 7/8” to 7’ 7/8” (1092 – 2311)</td>
</tr>
<tr>
<td></td>
<td>Telescoping</td>
<td>7’ to 12’</td>
<td>3’ 9/16” to 7’ 1” (1143 – 2150)</td>
<td>—</td>
</tr>
<tr>
<td><strong>Profiler®-ICU Smoke Rated</strong></td>
<td>Single</td>
<td>7’ to 9’</td>
<td>3’ to 4’ (914 – 1219)</td>
<td>3’ 3/8” to 4’ 3/8” (1003 – 1308)</td>
</tr>
<tr>
<td><strong>Smoke Rated Telescoping ICU/CCU</strong></td>
<td>Single</td>
<td>7’ to 12’</td>
<td>3’ 4/16” to 6’ 8/16” (1022 – 2038)</td>
<td>—</td>
</tr>
</tbody>
</table>

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**Profile r®-ICU**

- Available in Self Closing

**Profile r® Smoke Rated**

- Available in Self Closing

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Type SX-O (O-SX Reverse)

Type SX-SO (SO-SX Reverse)

Type 310 Manual & Self Closing

Type SO-SX-SX (SX-SX-SO Reverse)

Type 110 Manual

Type 310 Manual

Type 110 Manual

Type 310 Manual & Self Closing

Type SX-0 (O-SX Reverse)

Type SX-SO (SO-SX Reverse)
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.

**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
**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

**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 (p.15) 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

**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.

**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 1⁄4 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

**Other Swing Door Packages**
**Series 0500 Manual Swing Door**

Package includes overhead concealed hydraulically 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.

**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’</td>
<td>2’ 11” to 3’ 3”</td>
</tr>
<tr>
<td>Pair</td>
<td>6’ to 8’</td>
<td>4’ 4” to 6’ 4”</td>
<td>4’ 11” to 6’ 11”</td>
</tr>
</tbody>
</table>
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, solid wood and stainless steel materials plus special roof panel designs and extended canopies
- Compliance with ANSI 156.27 revolving door standard

**Optional Features**
- Available with quadrant heater for interior comfort in cold climates

**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

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**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, 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

**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™

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**Selection Guide**

<table>
<thead>
<tr>
<th>Outside Diameter</th>
<th>Segmented® Drum</th>
<th>Round Drum</th>
</tr>
</thead>
<tbody>
<tr>
<td>Entry - Three-Wing</td>
<td>Entry - Three-Wing</td>
<td></td>
</tr>
<tr>
<td>11' (3353)</td>
<td>4’ 9 3⁄4” (1467)</td>
<td>4’ 7 ¾” (1413)</td>
</tr>
<tr>
<td>12' (3658)</td>
<td>5’ 3 3⁄4” (1619)</td>
<td>5’ 1 5⁄8” (1565)</td>
</tr>
</tbody>
</table>

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 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 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
- 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

**Selection Guide**

<table>
<thead>
<tr>
<th>Model</th>
<th>Type</th>
<th>Outside Diameter</th>
<th>Segmented® Drum Entry</th>
<th>Round Drum Entry</th>
</tr>
</thead>
<tbody>
<tr>
<td>ControlFlow™ One-Way</td>
<td>Three-Wing</td>
<td>8’ 3/8” to 10’ 3/8” (2527–3137)</td>
<td>3’ 4/5” to 4’ 4/5” (1026–1330)</td>
<td>3’ 6/7” to 4’ 6/7” (1089–1394)</td>
</tr>
<tr>
<td>ControlFlow™ One-Way Airport</td>
<td>Three-Wing</td>
<td>12’ (3658)</td>
<td>5’ 3/5” (1619)</td>
<td>5’ 1/5” (1565)</td>
</tr>
<tr>
<td>ControlFlow™ Two-Way Anti-Tailgating</td>
<td>Four-Wing</td>
<td>6’ 3/8” to 7’ 3/8” (1918–2223)</td>
<td>3’ 10/5” to 4’ 6/5” (1168–1391)</td>
<td>3’ 10/5” to 4’ 7/5” (1191–1406)</td>
</tr>
</tbody>
</table>

Horton installed the first ever Security Object Detection Revolving Door at Albuquerque International Airport. Ask us how your facility can benefit from Horton’s Visdom HS® Object Detection System.

Horton’s ControlFlow™ provides security at the Canadian Imperial Bank of Commerce, one of the largest financial institutions in Canada.
**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 – Segmented® Drum**

<table>
<thead>
<tr>
<th>Outside Diameter</th>
<th>Entry - Three-Wing</th>
<th>Entry - Four-Wing</th>
</tr>
</thead>
<tbody>
<tr>
<td>6’ (1829)</td>
<td>—</td>
<td>4’ 2 ½” (1280)</td>
</tr>
<tr>
<td>6’ 6” (1981)</td>
<td>3’ 3 ½” (948)</td>
<td>4’ 6 ½” (1391)</td>
</tr>
<tr>
<td>7’ (2134)</td>
<td>3’ 3” (911)</td>
<td>4’ 11 ½” (1502)</td>
</tr>
<tr>
<td>8’ (2438)</td>
<td>3’ 9” (1143)</td>
<td>5’ 7 ½” (1724)</td>
</tr>
</tbody>
</table>

**Selection Guide – Round Drum**

<table>
<thead>
<tr>
<th>Outside Diameter</th>
<th>Entry - Three-Wing</th>
<th>Entry - Four-Wing</th>
</tr>
</thead>
<tbody>
<tr>
<td>6’ (1829)</td>
<td>—</td>
<td>4’ 1 ½” (1238)</td>
</tr>
<tr>
<td>6’ 6” (1981)</td>
<td>3’ ¼” (918)</td>
<td>4’ 5” (1346)</td>
</tr>
<tr>
<td>7’ (2134)</td>
<td>3’ 3 ¼” (994)</td>
<td>4’ 9 ½” (1454)</td>
</tr>
<tr>
<td>8’ (2438)</td>
<td>3’ 9 ½” (1146)</td>
<td>5’ 5 ½” (1670)</td>
</tr>
</tbody>
</table>
Industrial Sliding Door Systems

With up to 12 feet stroke and 500 lbs. of 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 washdownd 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.

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.

UltraClean™ I
Atmospheric Sliding Doors
Designed to meet ISO 14644-1 Class 3 cleanroom 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.

RapidSlide™ Industrial With Aluminum & Glass Panel
Full View Industrial Door System
Full vision panels with mechanical joints have medium stile (5” wide) vertical rails and 6-1/2” bottom rail. Glazing prep is for 1/4” glass. Glass by others.

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 washdownd. 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.

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

**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

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.

**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>45 1/2&quot; to 50&quot;</td>
<td>16&quot; to 20 1/2&quot;</td>
</tr>
<tr>
<td>O-X or X-O</td>
<td>(1156 to 1270)</td>
<td>(406 to 521)</td>
</tr>
<tr>
<td>With 1&quot; insulated glass or 1/8&quot; prep without glass. Also available with recessed pull.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### 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

### 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

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.

“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 or better established budget.”

Bombardier Transportation
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>C1882**</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.
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
- 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 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.