Automatic Doors
Opening a World of Possibilities

Innovative Solutions. Flexible Options.
The Besam Philosophy

Besam has been designing, installing and servicing automatic doors for over 45 years. Our wide variety of clients include prestigious organizations in the retail, healthcare, hospitality and transportation industries. Our focus is to provide technologically advanced products and innovative application solutions that are centered on our customer’s needs. With Besam’s comprehensive product line and unparalleled service provider network, you are assured of the right product for your entrance. In addition, Besam is committed to manufacturing the safest products in the industry, and has the ability to install and service automatic doors nationwide with AAADM certified technicians.

SpecDesk – Right Here…Right Now
Besam is committed to providing the architectural community with fast and efficient answers to your design-related questions. Simply contact our SpecDesk at 1-877-SPEC-123 or specdesk@besam-usa.com for an immediate response for application advice, plan review and 3-part specification development. You may also visit our web site at www.besam-usa.com to view our product line and download specifications and drawings.

AIA Registered CEU Course Available
Specifying automated doors is not automatic! Take our AIA registered course and learn about different automatic door types, applications, limitations and code issues. In addition to building upon your product knowledge, you will receive one HSW learning unit credit from AIA for completing the Besam Automatic & Revolving Door or Automatic Revolving Door courses. Contact Besam for an AIA accredited in-house presentation.

Custom Applications – Our Specialty
Besam doors can be precisely matched to suit the specific requirements of a broad range of individual projects. Our automatic door specialists can work with you to design an entrance customized to your exact requirements. Whether it be unusual materials like wood, special colors, or unique applications, trust the Besam team to develop an entrance uniquely suited to your needs.

Sustainability
Besam is committed to using environmentally friendly processes in the development and supply of our products. New technologies and strategies are emerging frequently. U.S. Green Building Council LEED rating statements are available for all of our products.

Our local offices can work with you to design a unique package utilizing custom materials.
Service Excellence
Choosing Besam to service and maintain your automatic and manual entrances provides you with the comfort and assurance of maximizing efficient and reliable operation for your doors, it also provides optimum convenience and safety for those using them.

World-Class Service, In Your Neighborhood
With almost 50 years in the service business, our AAADM-certified technicians can maintain, upgrade and service all brands of automatic and manual doors. Equipped with the right parts on our service vans, our trained staff provides fast and reliable service 365 days a year, 24 hours a day. Trust the world's largest automatic door company for all your door and service needs.

Your Door… Your Plan
A comprehensive service program is the key to extending the life of your equipment, keeping it functioning at optimal levels, and preventing problems before they occur. Automatic doors need periodic maintenance and regular inspection to insure safe and reliable performance. Besam service agreements include one to four Planned Maintenance (PM) visits per year, depending on the comprehensiveness of your program. A PM visit includes a minimum 22-point inspection of your equipment for performance and wear, making replacements as needed, and insuring that your equipment is functioning to recommended standards.

Besam has three PM programs to choose from: Planned Maintenance, Planned Maintenance and Labor, and Full Maintenance programs. Contact Besam at 1-877-BESAM-US today to learn more about our Planned Maintenance and Service programs.

Besam Preferred Status
Customers with a Planned Maintenance agreement achieve Besam Preferred status. Besam Preferred is our way of thanking you for partnering with us, with an added emphasis on quick response and total customer satisfaction. Besam Preferred customers enjoy a variety of benefits including:

- Priority call status
- Labor and travel discounts
- Parts discounts
- Exclusive promotions
- Service history reports
- Regularly scheduled AAADM inspections and certifications
UniSlide™ - An Exceptional Performer
The UniSlide is a state-of-the-art automatic sliding door system. Sleek styling and technological advancements make this package ideal for any architectural project. The options are virtually limitless – you can choose from overhead concealed, surface mounted, telescopic, all glass, hurricane resistant or even curved sliding door. A variety of features make UniSlide unique:

• Attractive header design eliminates the large gaps found in traditional sliding door systems, hiding unattractive screws and mechanical parts. This design makes the UniSlide essentially noise-free and reduces dirt and debris that can enter in the header and create operational challenges.

• Strong and extremely efficient motor requiring only a maximum of 3A current draw. Five operators can run on one 20A line – significantly reducing your operation costs.

• Besam’s exclusive UltraView sensor is designed with unique safety features including threshold protection and constant monitoring.

• Meets and exceeds ANSI A156.10 Standard for power operated pedestrian doors.

UniSlide™ Resilience - Hurricane Rated For Superior Strength
Besam’s UniSlide Resilience provides the same sleek aesthetics as the standard UniSlide package, while meeting the strict South Florida Building Code that Dade county officials enacted after Hurricane Andrew made landfall in 1992. The Resilience package offers the customer several benefits and features:

• Full impact door package tested and approved at 70 psf for full breakout and fixed sidelite packages. Non-impact door package has been tested to 60 psf.

• Panic exit device is available on full breakout packages and complies with NFPA 101 life safety code requirements for single action egress.

• Narrow profile aluminum doors are attractive and allow more glass area giving you a larger entranceway while still providing greater hurricane protection. (Medium and wide stile is available if desired.)

• Equipped with UniSlide closed header design.

• A single-acting lock secures the hurricane package.
UniSlide™ Telescopic
Combining the benefits of traditional sliding doors, yet allowing for 33% greater clear door opening, telescopic doors are the answer when you require a little more space for your opening. The UniSlide Telescopic package features the striking header design found in the standard UniSlide and prevents the spreading of dirt and debris. Smooth operation, uncompromised aesthetics and a variety of options to choose from make the telescopic package an ideal choice for your project.

UniSlide™ CGL — All-Glass Slider
When your entrance calls for an elegant statement, look to the UniSlide CGL all glass slider for exceptional beauty. Providing an unobstructed view and a spectacular look, the UniSlide CGL provides a graceful image to any doorway. Personalize the appearance of your entryway by choosing one of our painted finishes, special anodizing, stainless steel or brass clad.

- 7” and 10” bottom rails available to meet varying building codes.
- Inconspicuous lock is available in bottom rail without compromising aesthetics.
- Tinted or etched glass can also be provided for an extra element of style.

Single Slide/Bi-Part

Unislide Single Slide
Unislide Bi-Part
Unislide CGL Bi-Part
Unislide Telescopic Single Slide
Unislide Telescopic Bi-Part
Unislide CGL Single Slide
UltraView™ – Aesthetics and Safety

UltraView is a concealed sensor specially designed for use with Besam's UniSlide sliding door packages. Intelligent communication between UltraView and the door control ensures a proactive approach to safety by placing the door in a fail-safe position should the sensors begin to weaken or if monitoring fails between the control and sensor. Optimized safety, constant monitoring and easy installation make the UltraView the ideal sensor for your UniSlide door system. The UltraView sensor exceeds requirements for ANSI A156.10 compliance.

UniSlide™ Clean Room

A clean room package is also available for UniSlide sliding doors. The package consists of 45 degree sloped glass stops and non-shedding Santoprene weather-stripping. The Besam clean room package has been tested in an ultra-clean environment for particulates and can be used in clean rooms up to class 10. This package is available in fixed sidelite configuration.

Curved Glass Slider (CM)

Our curved glass sliding door system not only adds a three-dimensional look to entryways, but also allows for a broader door opening than provided by traditional sliding doors. The attractive design is available in a variety of finishes that are pleasing to the designer’s eye, as well as custom radii to suit your specifications.

Emergency Breakaway

Push on the leading edge of door for emergency breakout of active leaf (or active leaf-sidelite) assembly. Emergency breakout can be achieved when door is in any position.

UniView Dimension Guide - Overhead Concealed

<table>
<thead>
<tr>
<th>Single Slide</th>
<th>Door Opening</th>
<th>Overall Frame Width</th>
<th>Masonry Opening Width/Height</th>
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<tbody>
<tr>
<td>DC1-7</td>
<td>2’11 1/4” (895mm)</td>
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<td>DC1-8</td>
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<td>8’0” (2438mm)</td>
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<tr>
<td>DC1-9</td>
<td>3’11 1/4” (1124mm)</td>
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<td>DC2-8</td>
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<td>DC2-14</td>
<td>6’0” (1829mm)</td>
<td>14’0” (4267mm)</td>
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<td>DC2-16</td>
<td>7’0” (2134mm)</td>
<td>16’0” (4877mm)</td>
<td>16’0 1/2” x 7’6” (4890x2286mm)</td>
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UniView Dimension Guide - Surface Applied

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Dimensions are available on all Besam Automatic Sliding Doors. Please call for more information. Visit www.besam.com to view our drawings and specifications.

UniSlide™ U.S. Patent #6,329,774 and 6,255,791
Manual Doors for ICU/CCU Rooms

Perfect for Demanding Environments
Intensive and critical care units are high-traffic areas where needs change at a moment's notice. Equipment such as wheelchairs, gurneys, medical carts and other devices are continuously brought in and out of rooms. In addition, a varying number of hospital staff rely on repeated and reliable access to ICU/CCU areas. Besam has a complete line of manual sliding doors to fit any ICU/CCU room.

ICU/CCU
Besam’s sliding door package has been designed based on UniSlide mechanics and includes several advantages to the function, operation and breakout features on the trackless package.

- Features an appealing and functional closed header design that prevents spreading of dust, germs and debris while attractively framing your entrance. The package operates smoothly with no dragging or resistance.
- Standard manual sliding door packages are available in 2, 3 and 4-panel and can be specified with trackless configuration.
- An interlocking pivot configuration prevents improper use during emergency breakout and includes an effective tube which prevents the door from being broken out if not in the full open position.
- Heavy duty rollers, concealed pivots and associated devices use the same durable hardware that is used in our UniSlide automatic sliding door packages.
- Smoke seal packages available for standard 2 and 4-panel packages.
- Optional positive latch with sliding 2 and 4-panel packages. This lock will latch the active leaf in place when closed. A lever handle comes equipped on each side of the active leaf door to unlock the sliding door.

MicroShield™
Antimicrobial Technology Defends Against Bacteria

How It Works
MicroShield is a silver-based hardware finish that continuously destroys organisms in three ways – by attacking the cell wall, interrupting metabolism and preventing reproduction.

Effective – Silver, the active ingredient, is an aggressive broad-spectrum antimicrobial, even against drug-resistant strains of bacteria.

Safe – The finish is EPA and NSF approved and FDA listed for use in medical and food preparation equipment.

Long-Lasting – Controlled release mechanism ensures continuous efficacy.

All doors and hardware available with MicroShield™ coating
Telescopic ICU/CCU
Telescopic ICU/CCU door systems allow for a greater clear door opening where more space for entering and exiting is required.

- The telescopic variety is available in 3 or 6-panel configurations with full breakout and fixed sidelite packages as options.
- Can be specified with trackless, recessed track and non-panic configurations.

Bi-Way™
This package is an alternative to traditional ICU/CCU sliding doors and eliminates congested hallways and obstructions by floor tracks while providing ease of use for hospital personnel.

- The Bi-Way three-panel unit combines the advantages of a manual folding door and a manual swing door.
- Opens easily and its swing door stays in the hold-open position when pushed to 90 degrees.
- The Besam SW100 low energy operator can be easily installed onto the swing door to make it fully automatic.

Smoke Rated Package
Besam offers a smoke rated option for our standard 2 and 4-panel ICU/CCU doors. The seals are tested for smoke and air infiltration per UL1784 sections 7.1 & 7.2. The package is equipped with positive latch and smoke seals which provide a barrier between the elements and possible gaps in a door package. The smoke seal package greatly reduces smoke infiltration, positive or negative air pressures and airborne infectious diseases.
Swinging Doors
A Progressive Approach to Any Application

Swingmaster® 900 Series
The Swingmaster 900 Series is a heavy-duty performer equipped with a 1/4 hp electro-mechanical motor and a spring close design that allows the operator to counteract most normal wind conditions. The operator is easy to service, bottom load adaptable and is available in overhead concealed or surface mount header configurations; single, simultaneous pair or pair egress. Customers will be pleased with the benefits Swingmaster has to offer:

• Durable and strong with quiet operation
• Can be customized for low energy and pedestrian applications
• Can be utilized with a wide variety of doors including wood, hollow metal and aluminum
• Interfaces with panic devices and access control devices
• Meets or exceeds minimum requirements of ANSI A156.10 Standard – requires motion and presence sensors
• Meets ADA and handicap standards including ANSI 156.19 Standard

PowerSwing™
The Besam PowerSwing is a 1/6 hp electro-hydraulic operator designed for a wide variety of applications. The PowerSwing has several unique characteristics:

• Strong enough for both pedestrian applications and low-energy applications
• Designed to be surface mounted to existing fixtures with little or no modifications, easily transforming your existing manual doors for ADA compliance.
• Meets or exceeds minimum requirements of ANSI A156.10 Standard – requires motion and presence sensors
• Meets ADA and handicap standards including ANSI A156.19 Standard

Heavy-Duty Operator
Although Besam Swingmaster operators are designed for heavy usage, wind and stack pressure, they’re adjustable to comply with low manual push forces per ANSI A156.19.

Rack and Pinion Spring
Using rack and pinion technology, the Swingmaster operator is driven closed with a powerful spring tube... providing long life and flawless performance in the most demanding environments.
PassPort 900 - Complete Door and Safety System
In addition to operators, Besam offers a complete door package consisting of a Swingmaster operator, aluminum door and complete safety system. The PassPort packages are ideal for high-traffic retail applications. It includes:
- Swingmaster 900 operator
- Solidly constructed Besam aluminum door
- Motion sensor for activation
- Overhead presence sensor
- Door mounted presence sensor
- Three levels of presence detection that either meet or exceed ANSI A156.10 Standard: PassPort Standard, PassPort Lite and PassPort Plus.

Automatic Fire Door Package
UL rated fire door packages are available for the electro-hydraulic PowerSwing and electro-mechanical Swingmaster and SW100. In the event there is smoke, fire or power failure, a UL listed sensing device sends an impulse to deactivate the Besam automatic operator and approved latch mechanism. The latch/latches secure the door and function as manual fire doors. The fire package is available in single, pairs or double egress.

Visit Our Web Site – www.besam-usa.com – For Additional Swing Door Drawings
Attractive and flexible, the SW100 low energy operator can be utilized in many applications.

Choose SW100 to transform your existing manual doors into ADA compliant entrances.

**SW100 - ADA/Low Energy Solution**
ADA compliance is required for many doors within a facility, but not all operators have the durability and strength to stand up to demanding environments. The SW100 electro-mechanical low energy operator is gentle enough for push forces to meet low energy codes, yet suitable for hospital corridors, schools, government and office buildings. Automate your existing manual doors with an operator that has several innovative features:

- Manual push forces to meet ANSI A156.19
- UL/CUL #939D approved, fire rated
- Extremely quiet operation
- Anodized header case
- 1/8 hp motor
- Adjustable spring close
- Electric strike integration
- Integration with overhead presence devices for safety

In addition, the SW100 offers some sophisticated benefits not found in other low energy operators:

- Lock circuit retry
- Electronic dampening
- Stack pressure compensation
- Battery convenience mode
- Test of safety sensors
- Power assist
- Obstruction control
- Low power consumption

**Folding Doors**

**In A Tight Spot?**
Besam offers the Ready-Fold, automatic folding door system – ideal for retrofit projects or new construction where space is limited. The Ready-Fold package is designed for two-way traffic convenience without the large space required by traditional automatic swing and slide doors. Our customers have found a number of features beneficial with our automatic folding door systems:

- Barrier-free, two-way traffic to accommodate the tightest spots.
- Two- or four-panel
- Out-fold or in-fold
- The Ready-Fold series utilizes the durable Swingmaster operator, proven for years in thousands of North American installations.
- In case of an emergency of power failure, push the door manually in the direction of the egress and the doors will swing open.
Revolutionary Doors

Besam – Your One-Stop for Automatic Revolving Doors
Not only does Besam design and build automatic doors, we also have thousands of revolving door installations worldwide. Besam has built the foundation for superior performance, quality and reliability in revolving door packages.

Two-Wing Revolving Doors – A Turn Towards Green
Besam’s UniTurn series has greater flexibility due to the elimination of the center shaft. As a result, the compartment area is much larger and capable of accommodating shopping and luggage carts, wheelchairs, stretchers and even crowds with ease. The 18’ diameter package allows a traffic capacity of up to 5,880 people per hour. A weather-tight barrier seals elements out and keeps conditioned air inside yielding greater energy savings – approximately eight times more energy efficient than automatic swinging doors.

Three- and Four-Wing Compact for Access Control
The RD series access control revolving doors have fully automatic entrance control for both interior and exterior use. Barrier and draft-free access, noise reduction and energy efficiency are what set our revolving doors apart from conventional door packages. The RD series also allows for cost-effective alternatives to traditional security stations and monitoring systems.

Manual Revolving Doors
Besam offers a manual revolving door system – the RD4M. The RD4M is a 4-wing manual revolving door system that allows unencumbered access to your facility while still preserving maximum energy efficiency for your building. Dynamic aesthetics combined with superior quality make this system ideal for any commercial entryway.

Besam Worldwide Plant and Sales Offices
Australia • Austria • Belgium • Canada • China • Czech Republic • Denmark • Finland • France • Germany • Hungary • Ireland • Italy • Mexico • Norway • Netherlands • New Zealand • Poland • Portugal • Singapore • South Africa • Spain • Sweden • United Kingdom • USA

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