

# PowerSwing and Swingmaster MP

Automatic Swinging Fire Door Packages



## Fire Protection and Automatic Door Convenience

Separation of corridors is essential for fire protection, but unfortunately most fire doors are heavy and difficult to move. As a result they are often propped open, defeating the purpose of having a fire door in the first place. Besam's fire door package, consisting of a Swingmaster MP or a PowerSwing automatic swing door operator, offers both fire protection and convenient hands-free access in every corridor.


Designed to be used with both "A" or "B" labeled fire doors, this package is also specifically designed to work with the F-50 latch retracting system.


### For use in:


- ▲ Hospitals
- ▲ Nursing Homes
- ▲ Schools
- ▲ Day Care Centers
- ▲ Hotels
- ▲ Corridors
- ▲ Computer Rooms
- ▲ Laboratories
- ▲ Loading Docks
- ▲ Industrial Facilities


# PowerSwing and Swingmaster MP

## How Do They Work?

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**Normal everyday operation** — doors provide separation of spaces but function as a convenient fully automatic door system (providing convenience to patients, customers or employees).
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**People approach the doors** — the doors open automatically — the doors close automatically once someone has passed through the doorway.
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**In the event of smoke, fire or power failure** — a UL listed sensing device (smoke, heat or central alarm detector) sends an impulse to deactivate the Besam automatic operator and F-50 latch mechanism.
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**Automation to the doors is removed** — latch(es) of the fire door exit hardware positively secure the door after each manual operation as intended. The doors now function as manual fire doors.
- 5 Following the return of power or removal of the alarm condition** — simply push the reset button of the F-50 latch and depress the crossbar of the panic device to unlatch the door and re-establish the normal automatic mode of operation.

## What is Provided by Besam?

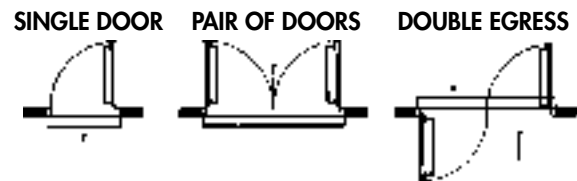
The Fire Door Accessory Package is a complete Underwriters' Laboratories (UL and CUL) listed package.

- Swingmaster® MP surface applied automatic swing door operator (for exterior and heavy duty use) or
- PowerSwing surface applied automatic swing door operator (for interior and moderate duty use)
- F-50 electro-magnetic latch mechanism to keep upper and lower panic device vertical rods in retracted position
- Standard activating and safety devices – VisionPulse® presence sensors, push plate switches or contact mats
- Caution labels

## What is Provided by You?

- UL listed fire doors and frames
- For pairs of doors – UL listed fire exit hardware (concealed or surface applied)
- UL listed sensing device for smoke or heat (accessory package may be wired directly into the central alarm system if available)
- For single doors – UL listed electric strike compatible UL listed rim panic device (concealed or surface rod devices are not approved for single doors)

## What is Available?



**APPLICABLE STANDARDS** – National Fire Protection Association (NFPA) Standard No. 101 - life safety code; door assemblies and NFPA No. 80; fire doors – latching devices. Underwriters' Laboratory (UL) #228 fire door standard. American National Standard (ANSI) for power operated pedestrian doors A15610.

Swingmaster® - U.S. Patent #4,333,270

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## Besam Worldwide Plant and Sales Offices

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## Besam Distributors

For the name and address of your Besam Distributor, please contact the factory at 1-866-BESAM-US.

## Besam Support Services

For 24 hour-a-day service, contact 1-877-BESAM-US

Besam follows a policy of advancements in development. For this reason, specifications may be changed without notice.

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