# SpeedStile FP

## Full-Panel Speed Gate with Sliding Glass Barrier

The SpeedStile FP continues to be one of Gunnebo's most popular and sought after optical turnstile products. The SpeedStile FP can be designed in a wide variety of finishes such as stainless steel, brass, marble, and granite. Originally designed for Mass Transit applications, the award-winning SpeedStile design can be placed in any environment where barrier deterrence and fast throughput are high priorities.

Manufactured in either ADA compliant or standard housings, the SpeedStile FP offers unsurpassed throughput while ensuring unauthorized users are kept out of secure spaces. The SpeedStile FP incorporates Gunnebo's years of tested optical technology with normally-closed full-height glass barriers that retract in and out of the turnstile housings. The glass barriers can be manufactured from 35" to a maximum height of 70". Safety beams and torque sensing are added precautions that make the SpeedStile FP safe for public use.

Custom options such as housing finishes and design, lid, and barrier arm options, along with access control reader integration (prox, biometric, visitor management, etc.) make this product a great solution where speed of throughput, security, and aesthetics are required. With the integration of a touchscreen or pushbutton controller, remote locations are provided with everything needed to fully tailor, control, and optimize the speed gates to meet their specific site requirements.

Designed and built in the USA, the SpeedStile FP can be installed as a single ADA compliant lane or in combination with multiple lanes placed in parallel.

GUNNEBO®
*For a safer world*

# SpeedStile FP

## Full-Panel Speed Gate with Sliding Glass Barrier

### TECHNICAL SPECIFICATIONS

| | | |
|---|---|---|
| **Orientation** | Bi-Directional | |
| **Unit Dimensions** | **FP** | **FPW (ADA Compliant)** |
| *Casework Length* | 57.2" | 57.2" |
| *Casework Height* | 37.4" | 37.4" |
| *Casework Width* | 11.8" | 18.9" |
| *Walkway Width* | 22.0" | 36.0" |
| *Panel Height* | 35.4", 47.2", or 70.9" | 35.4", 47.2", or 70.9" |
| **Drive** | Motorized | |
| **Materials** | Top/Front | Painted polyurethane to RAL color of customer's choice |
| | Wing Housing | Painted steel finished to match front and top |
| | Inlay/Base | #4 grained stainless steel |
| | Panels | 0.59" tempered glass |
| | Side Doors | Cobalt grey 0.33" 3 ply laminated safety glass |
| | Plinth | #4 grained stainless steel |
| **Drive Mechanism** | The panels are moved by two linked mechanical arms. The arms are rotated by a torque shaft connected to the drive unit. The drive unit is a DC motor connected to a worm reduction gear and a bi-directional encoder. A microprocessor control system guarantees the precise movement and positioning of the wings. The opening and closing speeds of the panels are adjustable. A safety photocell prevents the panels from closing on an obstruction. Should the normal panel operation encounter an obstruction, the controlling logic detects an abnormal condition and reverses. | |
| **Function** | Passage in both directions electronically controlled. Default mode is Normally Closed (NC), and lane will open only upon acceptance of an authorized signal. | |
| **Sensor Direction** | Provided through infrared sensors. | |
| **Operation** | On receiving a signal from the access control sytem or push button, the panels open. If an unauthorized person tries to tailgate or enter from the opposite direction, the system detects the unauthorized passage and activates the built-in alarm system. | |
| **Fire Alarm** | Input facility, for voltage-free contact supplied by others to effect fail state. | |
| **Power Supply** | 115VAC 50/60Hz. In the event of a power failure, the panels will drive to the open position. | |
| **Power Rating** | Stand By | Less than 0.50 AMP |
| | In Operation | Up to 8.0 AMP |
| **Logic Voltage** | 24VDC | |
| **Battery Backup** | On power failure, the battery backup will allow the panels to open (or close), stop, and become inactive. The panels will remain in this position until power is restored. | |
| **Flow Rates** | 22 single users per minute, 38 multiple users per minute (approximate figures). | |
| **Approx. Weight** | FP Left or Right Cabinet | 352-374 lbs per cabinet |
| | FP Center Cabinet | 462-484 lbs per cabinet |
| | FPW Left or Right Cabinet | 385-407 lbs per cabinet |
| | FPW Center Cabinet | 506-528 lbs per cabinet |

GUNNEBO®
*For a safer world*

# SpeedStile FP

## Full-Panel Speed Gate with Sliding Glass Barrier

## OPERATIONAL MODES & NOTIFICATIONS

### Interface

Potential free contact provided by either card reader or pushbutton input. Card reader *inhibit* and *reset* signals are available as standard. The unit has an adjustable time out facility if required; the *go ahead* symbol will be cancelled if the passage through the SpeedStile is not completed within a pre-set and field programmable time frame.

### Operational Modes

**Full Time Barrier (Normally Closed) Mode**

The swinging panels remain closed until a valid access control card is presented. Tailgaters and unauthorized entries are signaled by an alarm-type tone. If an unauthorized card is presented, the lane will sound an alarm and the panels will remain closed to prevent the user from proceeding further without intervention.

**Standard Operating Modes**

Switchable via optional pushbutton Desk Top Controller (DTC) or an optional digital touchscreen (HMI):

- Enter/Card In
- Exit/Card Out
- Free Exit/Card Out
- Close
- Reset

### Pictogram Lights

LED display pictograms are flush-mounted within the SpeedStile lid top face to visually assist the user when passing through the unit. *Included as standard.*

**Normal Use**

The *green card* symbol is continuously illuminated indicating passage is available. Upon authorization, a *green arrow* will illuminate in the direction of passage authorization, while in the opposite direction a *red cross* symbol will illuminate to indicate the unit is not available for use or is already in use.

**Alarm Conditions**

The flashing *green arrow* indicates free passage to evacuate through the gate. A *flashing green card* indicates a fraudulent condition, incorrect use, or technical alarm, and passage through the unit is not authorized.

Green Card

Green Arrow

Red Cross

GUNNEBO®
For a safer world

# SpeedStile FP

## Full-Panel Speed Gate with Sliding Glass Barrier

### ACCESSORIES & DESIGN OPTIONS

| | |
|---|---|
| **Alternative Materials, Finishes, and Custom Design** | • Refer to Gunnebo Entrance Control Inc. for specific material design requirements<br>• Alternative PUR RAL colors, finishes, and effects<br>• Inlay material options |
| **Card Reader Options** | • Integration of customer supplied readers into the SpeedStile top or front inlays<br>• Proximity, magnetic stripe, biometric or barcode readers all compatible<br>• Barcode scanners mounted to accommodate visitor access and readable via an insertion method (slot) or scanning type |
| **Remote Lane Control** | • Simple pushbutton console to control the SpeedStile wing release<br>• Custom remote pushbutton console to specific requirements<br>• Casework mounted pushbutton<br>• Digital touchscreen with advanced controls |
| **Alternative Mounting** | Specialized mounting base platforms giving concealed cableway and requiring no drilling, trenching, or core drilling to the floor. |
| **Counting** | LCD and electromechanical counter |
| **Lane Lights and Logos** | • Mounted upon the front section of the SpeedStile to act as traffic light flow control<br>• Custom LED lane lighting<br>• Custom logos and etching on SpeedStile barrier |
| **Infill Panels** | Where extra space presents in a design, integrated or standalone space infill solutions can be provided. |
| **Elevator Destination Dispatch** | Mounting integration of customer supplied LCD screens for elevator destination dispatch systems. |
| **Pressure Sensitive Lids** | Pressure sensitive lids can be installed to provide 'jump over' alarm notification via both LED lights and an audible alarm. This option can be installed in both the entry and exit directions. |

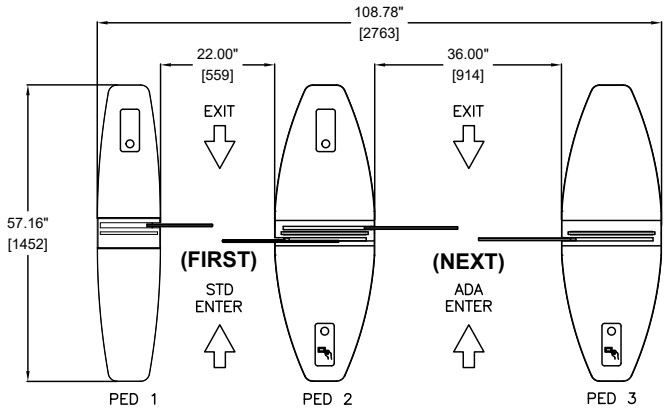
GUNNEBO®
*For a safer world*

# SpeedStile FP

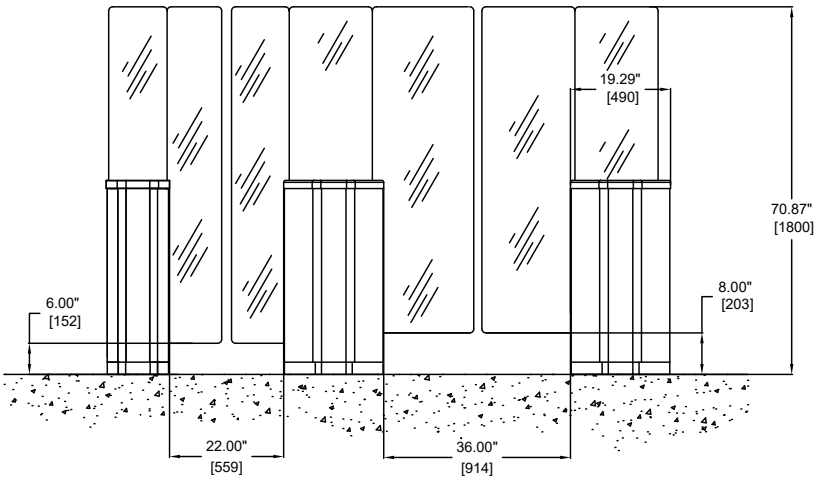
## Full-Panel Speed Gate with Sliding Glass Barrier

### LAYOUT CONFIGURATION & STANDARD DIMENSIONS

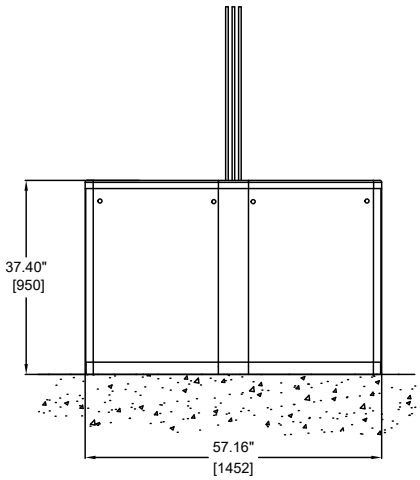
For installation details, please refer to the installation manual.




**PLAN VIEW**




**ELEVATION VIEW**




**SIDE VIEW**

## SpeedStile FP/FPW

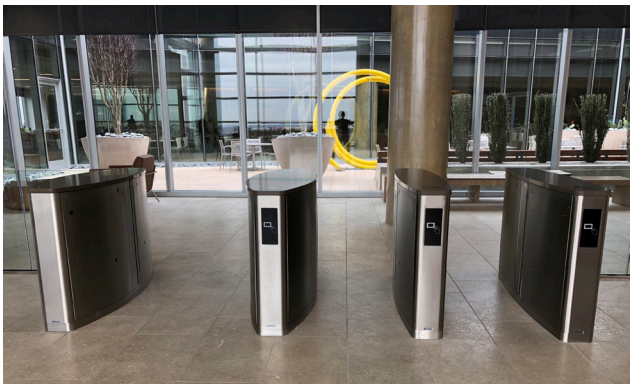
Typical 2 Lane / 3 Pedestal Configuration
Card In / Free Exit

GUNNEBO®
For a safer world

# SpeedStile FP

## Full-Panel Speed Gate with Sliding Glass Barrier

### CONTACT



*For further information, please contact:*

**Gunnebo Entrance Control Inc.**
**535 Getty Ct., Benicia, CA 94510**
**Tel: 513-666-4821**
**Email: info@gunnebo.us**
**www.gunneboentrancesecurity.com**

*Gunnebo Entrance Control, Inc. is a company within the Gunnebo Group:*

**Gunnebo AB**
**Box 5181 SE-402 26 Goteborg, Sweden**
**Tel: +46 31 83 68 00**
**www.gunnebo.com**

Note: In pursuit of its policy of continuous refinement and improvement, Gunnebo Entrance Control reserves the right to modify design and details at any time and without notice.

GUNNEBO®
*For a safer world*