



SpeedStile FL

Speed Gate with Swinging Glass Barrier

GUNNEBO[®]
Entrance Control

Technology is changing fast. Artificial Intelligence, facial recognition and biometric access control are transforming how offices are secured. Your entrance control solution must be adaptable to new technologies to ensure they are future-proof. It must be unobtrusive and user-friendly to avoid queues from confusion and accidental misuse. Yet it must also be a clear signal to unauthorized users they will not pass. Balancing these considerations is essential when specifying how you want to secure the entrance to your property.

Gunnebo Entrance Control rise to and meet these challenges head-on, offering a perfect combination of speed, security and modern design.

SpeedStile FL from Gunnebo Entrance Control brings together slim design, versatility, efficiency, and uncompromising security. With a minimal footprint and transparent, user-friendly design, the SpeedStile FL is perfect for areas where space is limited and aesthetics are valued. The sophisticated sensor

system and unobtrusive, contactless security barriers help SpeedStile FL to handle high volumes while monitoring unauthorized access.

The SpeedStile FL features an extensive range of customization options to suit any architectural and design need, including a selection of cabinet lengths, top lid materials, and casework finishes. The modular build allows for a variety of layouts, such as a single ADA compliant lane or a combination of standard and ADA compliant lanes.

Gunnebo Entrance Control secures many iconic sites with entrance security solutions that protect people, properties, and assets. The SpeedStile FL, like all Gunnebo Entrance Control security solutions, is durable and reliable, reducing operational and maintenance costs. SpeedStile FL offers unsurpassed throughput with effective security for applications within public and commercial buildings, government buildings, colleges, and universities.



Technical Specifications

Orientation	Bi-Directional	
Unit Dimensions	FL Standard	FL Wide (ADA Compliant)
Casework Length	59.1"	59.1"
Casework Height	39.4"	39.4"
Casework Width	6.7"	6.7"
Walkway Width	25.6"	37.4"
Glass Height	36.0", 47.2", or 70.9"	36.0", 47.2", or 70.9"
Drive	Motorized	
Materials	Pedestal	304 grade stainless steel and 0.53" thick tempered glass inlay
	Pedestal Lid	Anodized aluminum black or silver (other options available)
	Barrier	0.39" thick tempered glass or optional clear acrylic
Drive Mechanism	The moving panels are monitored by a rotary encoder and directly mounted to the output shaft of a DC electric motor and gearbox which is mounted vertically in the central column. The location, speed, and movement are controlled and adjusted by microprocessor control system. Safety photocells prevent the panels from closing on an obstruction, which is detected by the controlling logic.	
Function	Passage in both directions electronically controlled. Default mode is Normally Closed (NC), and lane will open only upon acceptance of an authorized signal.	
Tailgate Detection	Provided through strategically located infrared sensors to accurately monitor pedestrian movement.	
Operation	On receiving a signal from the access control system or pushbutton, the panels open. If an unauthorized person tries to tailgate or enter from the opposite direction, the built-in alarm system is activated.	
Fire Alarm	Input facility, for voltage-free contact supplied by others to effect fail state.	
Power Supply	115VAC 60HZ (230VAC 50HZ available)	
Power Rating	Stand By	20VA
	In Operation	120VA
Logic Voltage	24VAC	
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	30 single users per minute, 40 multiple users per minute (approximate figures).	
Approx. Weight	FL Side Cabinet	287-328 lbs per cabinet
	FL Center Cabinet	320-392 lbs per cabinet

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 canceled if the passage through the SpeedStile is not completed within a preset 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 fitted into the SpeedStile drive columns, one in each direction, to visually assist the user when passing through the unit. Included as standard.



Normal Use

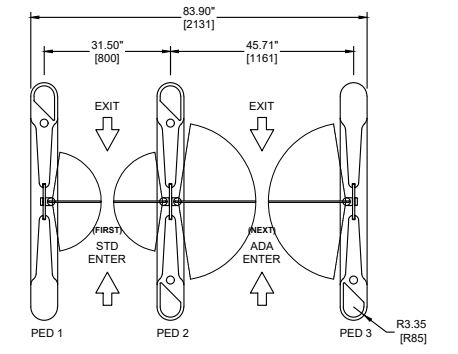
The green arrow symbol is continuously illuminated when passage is available. Upon authorization, the green arrow will remain lit in the direction of passage authorization, while in the opposite direction a red cross symbol will illuminate to signal the gate cannot be used.



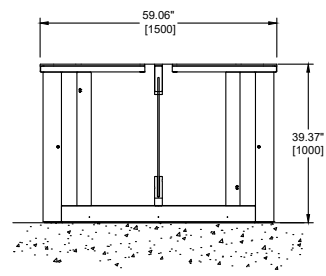
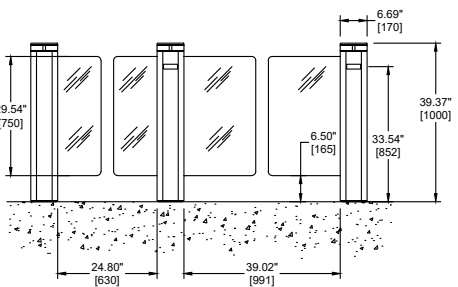
Alarm Conditions

The flashing green arrow indicated free passage to evacuate through the gate. A flashing red cross indicates a fraudulent condition or technical alarm, and passage through the unit is not authorized.

Layout Configuration & Standard Dimensions



2L3P SPEEDSTILE FL 1500 CARD IN / CARD OUT



Accessories & Design Options

Alternative Materials, Finishes, and Custom Design	<ul style="list-style-type: none">• Refer to Gunnebo Entrance Control Inc. for specific material design requirements• Alternative PUR RAL colors, finishes, and effects• Lid material options
Card Reader Options	<ul style="list-style-type: none">• Integration of customer supplied readers into the SpeedStile top or front inlays• Proximity, magnetic stripe, biometric or barcode readers all compatible• Barcode scanners mounted to accommodate visitor access
Remote Lane Control	<ul style="list-style-type: none">• Simple pushbutton console to control the SpeedStile barrier release• Custom remote pushbutton console to specific requirements• Casework mounted pushbutton• 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	<ul style="list-style-type: none">• Mounted in the SpeedStile drive column to act as traffic light flow control• Custom LED lane lighting• 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.

SpeedStile FL

Discover how to make your world safer:
www.gunneboentrancecontrol.com/en_us

GEC-US-SFL-2505-V3

Gunnebo Entrance Control Inc.
154 Tyger River Drive, Duncan, SC 29334, Suite F



GUNNEBO[®]
Entrance Control