



GUNNEBO® **700** **OptiStile Turnstile**

Non-barrier optical turnstile

The OptiStile 700 utilizes a combination of stainless steel and glass materials, offering an ultramodern design. The OptiStile 700 can be placed in tight spaces or extended lobbies where speed of throughput, security, and design are required.

Designed and built in the USA, the OptiStile 700 can be installed as a single ADA compliant lane or in combination with multiple lanes placed in parallel.

With the integration of a touchscreen or pushbutton controller, remote locations are provided with everything needed to fully tailor, control, and optimize the OptiStile to meet their specific site requirements.

Operational Modes

Standard Operating Modes

Switchable via optional push button Desk Top Controller (DTC) or an optional digital touch screen (HMI):

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

Standard Operating Modes

Each lane of the OptiStile has four discrete sounds to indicate the following:

- One tone - Reminder to swipe card
- Chime - Access authorization
- Two tone - Lane alert
- Loud buzzer - Piggybacking or Tailgating event

Pictogram Lights

LED display pictograms visually assist the user when passing through the unit. Included as standard.

Technical Specifications

Orientation	Bi-Directional
Unit Dimensions	Casework Length 48.0" Casework Height 39.37" Casework Width 6.50" Walkway Width Standard 28.0" Walkway Width ADA 36.0"
Materials	Pedestal #4 horizontal grained stainless steel external cladding with tempered glass mid-section and fully integrated steel frame Pedestal Lid #4 grained stainless steel
Construction	Pedestals are constructed of a stainless steel frame. Small radius (3/16") casework construction and finishes applied such that no exposed seams appear at leading edges. Integrated panels easily removed for preventative maintenance.
Function	Passage in both directions, electronically controllable.
Sensor Direction	Provided through industrial duty infrared photoelectric beams.
Operation	A card is presented to the customer supplied access control reader mounted inside the casework. If authorized, the top green arrow light graphic will point in the direction authorized and a chime will sound to tell the user they may pass.
Fire Alarm	Input facility, for voltage-free contact supplied by others to effect fail state.
Power Supply	110VAC 60Hz (50HZ available). The circuit is fed via remote mounted step-down transformer supplied with the unit.
Power Rating	Stand By Less than 0.5 AMP In Operation Up to 6.0 AMP
Logic Voltage	24VDC
Flow Rates/Throughput	Please note these figures are approximate and must be confirmed with Gunnebo Entrance Control Inc. Figures quoted are for one person per complete passage per walkway and per minute. It is assumed the access control authorization response is instantaneous. Flow rates will increase with multiple passage use. 22 single users per minute, 38 multiple users per minute

*As standard. See Accessories and Options for alternatives.

Accessories & Options

Alternative Materials and Finishes

- Refer to Gunnebo Entrance Control Inc. for specific material design requirements
- Alternative top and casework materials

Card Reader Options

- Mounting integration of customer supplied readers into the OptiStile lid
- Proximity, magnetic stripe, biometric or barcode readers all compatible
- Barcode scanners mounted to accommodate visitor access and readable via an insertion method (slot) or scanning type (reading through glass inlay)

Alternative Mounting

Specialized mounting base platforms giving concealed cableway and requiring nodrilling, trenching, or core drilling to the floor.

Remote Lane Control

Remote lane control via personal computer, tablet, or smartphone. Optional desktop pushbutton (DTC) or touchscreen (MP Touch) controller with advanced controls.

Infil Panels

Where extra space presents in a design, integrated or standalone space infill solutions can be provided.

Accessories & Options

Elevator Destination Dispatch

Mounting integration of customer supplied LCD screens for elevator destination dispatch systems.

Lane Lights and Logos

- Mounted upon the vertical front section of the OptiStile to act as traffic light flow control
- Custom LED lane lighting
- Custom logos and etching on OptiStile casework

Pressure Sensitive Lods

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

Pictogram Light Instructions

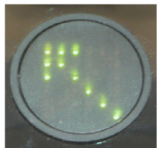
Uniquely designed Card Reader Pictograms are fitted into the OptiStile top, one each direction, to visually assist the user when passing through the unit.

Normal Use



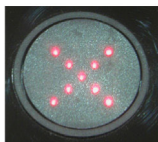
Green Card

Present personal security card to the reader mounted upon the unit for authorization. Wait for the green arrow to illuminate.



Green Arrow: Authorized Use or Designated Free Passage

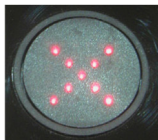
Proceed through the unit. For FREE PASSAGE configuration, authorization is not required. Normally used for EXIT only.



Red Cross: Unit in Use or No Passage

Wait until the passageway has been vacated and either the green card or green arrow to illuminate.

Alarm Conditions



Flashing Red Cross and Audible Alarm: Fraudulent Condition

This alarm mode will be activated via the following scenarios: Passageway is already in use and a 2nd person has attempted to follow through—tailgating—or passageway is currently in use and you do not have right of pass. Do not panic: Vacate the passageway. Wait for the flashing red cross to stop flashing and the audible alarm to cease. Wait for the green arrow to illuminate to indicate who has the right of passage.



Flashing Green Card: Incorrect Use Mode

Do not panic: Present card to the reader mounted on the unit for authorization. Authorization of passage will cancel the alarm condition.



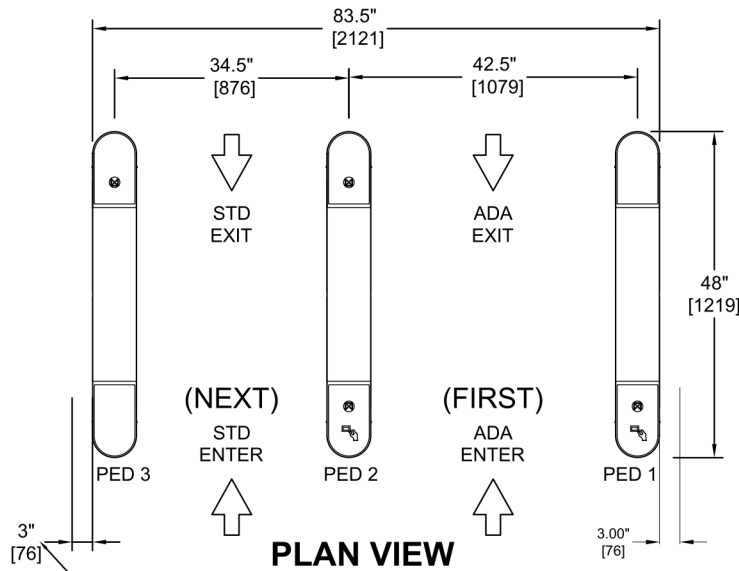
Flashing Green Arrow: Emergency/ Fire Exit

Do not panic: There is FREE PASSAGE to evacuate through the gate.

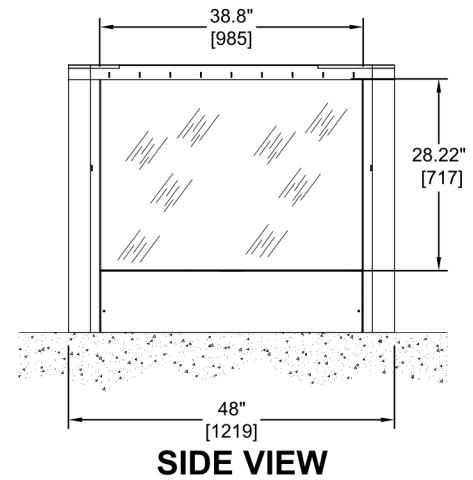
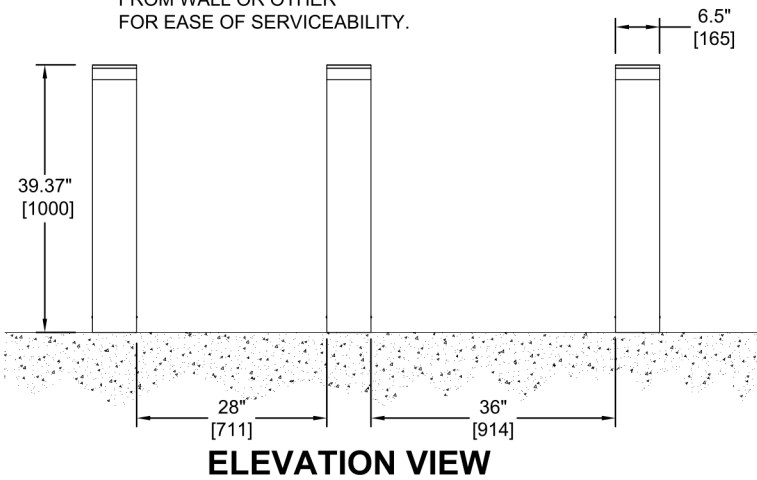


Gunnebo Optistile 700

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



RECOMMENDED CLEARANCE FROM WALL OR OTHER FOR EASE OF SERVICEABILITY.



Certification

CSA certified to UL 325.

CLASS 6711 81 - Door Operating Units - Certified to US Standards
CLASS 6711 01 - Door Operating Units



Commercial pedestrian security turnstiles, permanently connected, models and ratings are as noted below:

TurnStile Model Optistile 700, rated 24Vac, 60 Hz, 3 A. Certified for use with 3R transformer "Jefferson Electric", outdoor type enc 3, Cat 216-1151-00 or 416-1151-00. Rated 1.0kVA, 120/240V, Output 12/24.

- CAN/CSA-C22.2 No. 0-M91 - General Requirements - Canadian Electrical Code, Part II
- CAN/CSA-C22.2 No 0.4-04 - Bonding of Electrical Equipment
- CAN/CSA C22.2 No 247-92 - Operators and Systems of Doors, Gates, Draperies, and Louvers
- ANSI/UL 325-2009, 5thEd. - Standard for Door, Drapery, Gate, Louver, and Window Operators and Systems