



Gunnebo SpeedStile FL

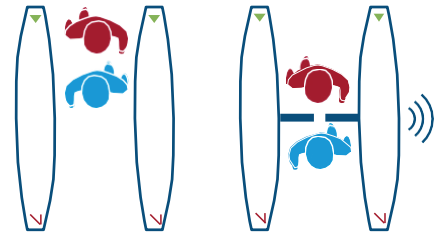
EV Series

Flap Leaf Speed Gate for Internal Installation

Motorised flap leaves

Transparent design and effective barrier performance in a small footprint. For sites where limited space is required and aesthetics are essential. Quiet and smooth in operation, the Gunnebo SpeedStile FL EV is available in both black and silver lid finish with anodised aluminum. Applied finish selection is available as option.

With a selection of leaf widths and heights; together with other options the FL EV can be customised to meet any installation requirements.

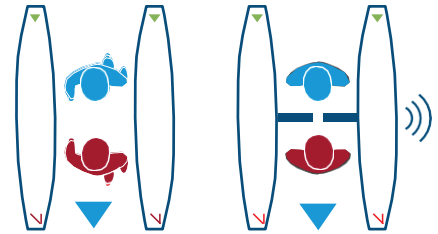


Tailgating and piggybacking detection

Security Features

Fraud Detection through sophisticated and proven algorithm

Intrusion
Tailgating
Piggybacking
Wrong way direction
Leave isle timeout
Climb-on/over detection (optional)



Wrong way and intrusion detection

Anti-Climb Detection (Optional)

Detection of climb-on and climb-over frauds raises visual and audible alarms.

Climb-on (attempted fraud):

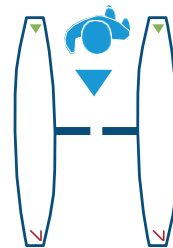
Detection of an intruder climbing on to one end of the cabinet

Climb-over (successful fraud):

Detection of an intruder passing from one end of the cabinet to the other

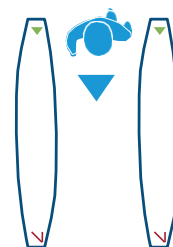
Mode of Operation

Flap leaves



Normally Closed

Passage in one or both directions are electronically controlled. On receiving a signal from the access control system, or remote control, the flap leaves open (Normally Closed NC). If an unauthorised person tries to tailgate or attempts to enter from the opposite direction, the in-built alarm system is activated. If within the pre-set timeout no passage has occurred, the lane will close and reset.



Normally Open

Normally Open N/O provides an open walkway in rest position and will only close at unauthorised entry or tailgating attempts.

User Guidance

LED way-mode (Optional)

Steady light=Normal use. Flashing light=Alarm conditions.



Green Arrow

Steady: Authorised use or designated free passage. Proceed through the unit.

Flashing: Emergency/Fire exit.

Red Cross

Steady: Unit in use or no passage. Passage not authorised.

Flashing: Alarm, fraudulent condition or technical alarm.

LED display pictogram (Optional)

50mm diameter LED display pictogram flush mounted within the lid surface, with illuminated symbols to indicate to the user how to proceed.



Dynamic Passage Lighting and Enhanced Audio (Optional)

Additional passenger guidance given by visual and audible cues using dynamic LED strip lighting and audio driver.

Idle State:

LED strip glows blue

Valid Passage:

LED strip traces green in the direction of travel and an audible indication is made*

Alarm condition:

LED strip flashes red and an audible alarm is played.

*LED strip colour and audio played is customisable depending on customer requirement

Safety Features

Safety force sensing

Safety light curtain (option)

Accurate presence sensing

Emitter/receiver infrared sensors technology

Logic voltage 24 Vac

Voltage free contact input for Fire Alarm fail state

Fail-Safe manual push opening

Fail-Safe via battery back-up opening (option)

Wide walkway for wheelchair or easier access

For security and safety reasons children must be supervised by an adult at all times in the vicinity of an active lane. Any child being escorted through the lane must always precede the accompanying adult during passage.

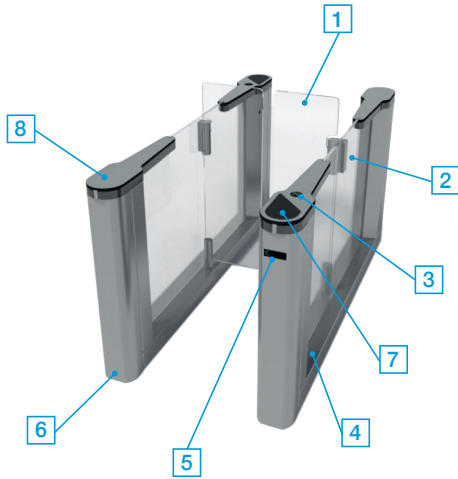
Design / Construction

The SpeedStile FL EV comes with a sleek Stainless Steel 304 grade casework with glass infill for maximum transparency and with applied finish on the aluminum lid.

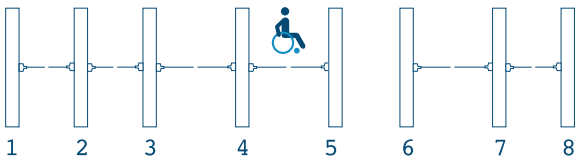
Available cabinet design construction:
Panel Height: 1.0m/1.2m/1.8m. Cabinet Length: 1500mm

Standard passageway 600mm and Wide passage (900mm) available. Available also as Combi – center cabinet with narrow (600mm) passage in one side and wide (900mm) passage on the other side.

In order to create a lane, it is necessary to have one right and one left cabinet. To create more than one lane, use one or more center or combi cabinets. Select cabinets according to the number of lanes and passage width desired.



1. Flap leaves
2. Glass inlay
3. Pictogram
4. Plinth
5. LED way mode indicator
6. End leg
7. Card reader integration
8. Lid



1. Left cabinet
2. Right cabinet
3. Centre cabinet
4. Left wide cabinet
5. Right wide cabinet
6. Centre left wide cabinet
7. Centre right wide cabinet
8. Centre wise cabinet

4 lane configuration: 1 L, 1C, 1CRW, 1CW, 1RW.

Two lane configuration comprising of N°1 LW , 1N° CLW and 1N° R cabinet.

Finishes

Applied finishes for top lid

White or Black Carbon fibre effect, Dark Mahogany effect or Light Maple effect.

Optional finishes for top lid



Gloss RAL 2009
Traffic Orange

Gloss RAL 1015
Light Ivory

Gloss RAL 3003
Ruby Red

Gloss RAL 5017
Traffic Blue



Gloss RAL 7012
Basalt Grey

Gloss RAL 9016
Traffic White

Matt RAL 9003
Signal White

Matt RAL 9007
Grey Aluminium



Matt RAL 8028
Terra Brown

Matt RAL 9004
Signal Black

Matt RAL 9005
Jet Black

Options & Accessories

Alternative finishes and materials	Card reader integration
LED way mode indicator	Battery back-up
Pictogram	Remote control systems
Light curtain safety kit	Lift Screen Predisposition
Ambient LED lights	Climb over detection

Applications

Leisure	Banking
Government	Retail
Finance	Telecommunications
Publishing/ Education	Information Technology

Access Specifications

Flow rates by type of reader¹

Insertion type	Swipe type	Proximity type
20 Passages per minute	30 Passages per minute	40 Passages per minute

1. Approximate figures.

Accessibility fo Standard (600mm) vs. Wide (900mm) models

Plain dot indicates the functionality is implemented, empty dot indicates some limitations, no dot indicates not available. Emergency egress² functionality implemented as standard.

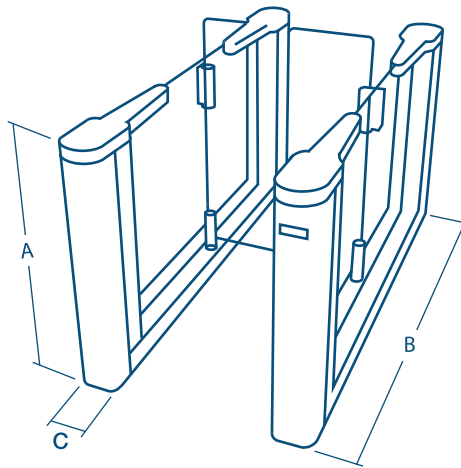
600mm	•	•	•	•	•	•	○	○			○
900mm	•	•	•	•	•	•	○	○	•	•	•

Disabled Access: 900mm net passage way and algorithm able to manage wheelchair access.
In the event of a power failure the flap leaves will remain in the current position.

Electrical Data & Conditions of Use

Power Supply	Power Rating	Power Rating	Battery Back-up	Fire Signal	Operating Temperature	IP Rating	Noise Level
230Vac 50Hz ¹	60VA Stand by	300VA in operation	For 1 last operating cycle ²	Input for voltage free contact	+5°C to + 40°C RH 95% No condensing	IP20	Less than 55dB ³

1. 115Vac 60Hz also available on demand. 2. Option 3. Note: Average background noise in office environment is 50-55dB.



Dimensions & Weights

	Overall Height	Passage Width ¹	A Cabinet Height	B Cabinet Length	C Cabinet Width	Weight (kg) Side Cabinet	Weight (kg) Centre Cabinet
Standard 1000	1000	600	1000	1500	170	135	150
Wide 1000	1000	900	1000	1500	170	137	154
Standard 1200	1200	600	1000	1500	170	140	160
Wide 1200	1200	900	1000	1500	170	142	164
Standard 1800	1800	600	1000	1500	170	147	174
Wide 1800	1800	900	1000	1500	170	149	178

Dimensions in (mm). Weight net (kg). Might require lifting equipment. For details refer to installation detail drawings.

1. 1500mm long cabinet requires an additional 30mm for standard 600mm lane width or an additional 80mm for wide 900mm lane width, to obtain the 600mm or 900mm passageway, otherwise the passageway might be accordingly reduced depending on local regulations (min 50mm gap).

Installation & Maintenance

Product Delivery	Application	Site Preparation ¹	Cabling & Conduits ²	Control Board Location	Systems Integration ⁵	Systems Integration ⁵	Maintenance Access	MTTR ³	MCBF ⁴
Fully assembled	Indoor	Flat & level finished floor +/- 5mm	Through the ground	In master SpeedStile cabinet	27 digital interface I/O RS232 RS485	Settings programmable via parameters	Through end leg panel	Less than 30 minutes	10 Million (5 million if NO)

1. Bolting depth MIN 70mm, concrete MIN fckcube 30N/mm² resistance, MIN 2000 mm x 500 x 150 mm deep. 2. Running MIN 140mm below finished floor level, should rise MIN 50mm from foundation. 3. Mean time to repair. 4. Mean cycle between failure. 5. Potential free contact for card reader input. New Electronic Platform with in- built RS485 and COMR1 switching interface.

It is the customer's responsibility to ensure the structural integrity and strength of the installation location.

Data provided is for information only, please refer to your usual Gunnebo Customer Service contact in order to prepare the installation site.



Want to see SpeedStile in full action?

Scan this QR code with your smartphone.

Or search for "SpeedStile FL EV" on YouTube.



EntraServe Preventative Maintenance

When you choose a Gunnebo Entrance Control solution, you invest in the long-term safety and security of your people and assets.

We offer three tiers of maintenance services tailored to your specific needs, from basic care to comprehensive support. Every service level is delivered by our highly trained engineers to ensure that your entrance control system - whether it's a gate, booth, or turnstile - delivers peak performance throughout its lifecycle, even in the most demanding environments.

EntraServe Bronze

The essential services for good solution health, with preventative maintenance and emergency support.

- Annual preventative maintenance visit(s)
- Full technical support
- Preferential rate for non-warranty parts
- Preferential rate for callouts

EntraServe Silver

Enhanced care for your installation, incorporating reactive labor and preventative maintenance.

- Annual preventative maintenance visit(s)
- Full technical support
- Reactive service work
- Preferential rate for non-warranty parts
- Priority response time for reactive calls

EntraServe Gold

The premium support level where you receive preventative and reactive service with spares included.

- Annual preventative maintenance visit(s)
- Full technical support
- Reactive service work
- Replacement of faulty parts, parts included
- Priority response time for reactive calls

EntraServe Connect offers our preventative maintenance with your chosen tier (Bronze, Silver, Gold) boosted by remote monitoring & diagnostics, designed to maximise equipment uptime.

With 24/7 remote monitoring & diagnostics, our engineers can detect potential issues early, allowing for quick corrective action before problems arise, keeping your systems running smoothly.

Works With Linq

Our 'Works With Linq' enabled products feature a built-in bridge, connecting to our IoT cloud platform, unlocking a range of benefits for enhanced performance and control.

Our connected offering and benefits for the customer:

With Gunnebo Entrance Control's EntraLinq app, you can manage and monitor your product anytime, anywhere - whether on-site or remotely. EntraLinq provides real-time statistics, live health updates, and continuous monitoring to ensure optimal performance and operational efficiency.

Gunnebo SpeedStile FL EV Series

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