



Gunnebo SpeedStile FL^s-UC

The SpeedStile FL^s-UC delivers seamless entrance control in environments where space is limited.

It's ultra compact footprint minimises both the physical space required and the visual impact of the speed gate installation.

Powered by Gunnebo's Visira Vantage detection system, it enables precise people counting and reliable detection of unauthorised or fraudulent passage, even within its compact footprint.

Technical Specifications

Drive

High reliability Brushless DC motor for fast, quiet and precise door movement

Safety

Direct “braking” using motor – up to 60 Nm for short duration attempts to force doors open

Optional electro-mechanical lock – provides “hard lock” to resist push through up to 200 Nm

Materials

Casework: Brushed AISI 304 Stainless Steel

Optional: Powder coat finishing

Moving panels materials: 10 mm security tempered glass (default)

Transparent Polycarbonate (option)

The unique array of sensors looks outside the physical boundaries of the cabinet to ensure that people are detected before passing through. This allows accurate people counting and fraud detection.

The standard Visira Core system can identify tailgating, wrong way and loitering frauds.

Upgrading to Visira Vantage utilises an AI Neural Network algorithm to add to the precision of detection, meaning that closer tailgating and even sidegating can be detected.

In maximum security mode, the presence of 2 people at the entry to the FL^S-UC will prevent the doors opening in order to maintain the physical barrier to the secure area.

Fraud detection can be further enhanced with the addition of anti-climb detection, a pressure sensitive lid will detect a person attempting to climb on top of the cabinet and raise an alarm.

Security Features

Intrusion
Tailgating
Wrong way direction
Leave aisle timeout
Climb-on detection (optional)

User Guidance

Lane Availability Lighting

A vertical light strip positioned inside the cabinet signals when a lane is available, enabling users to make quick lane selections and helping to reduce queuing or confusion.

Authorisation Light

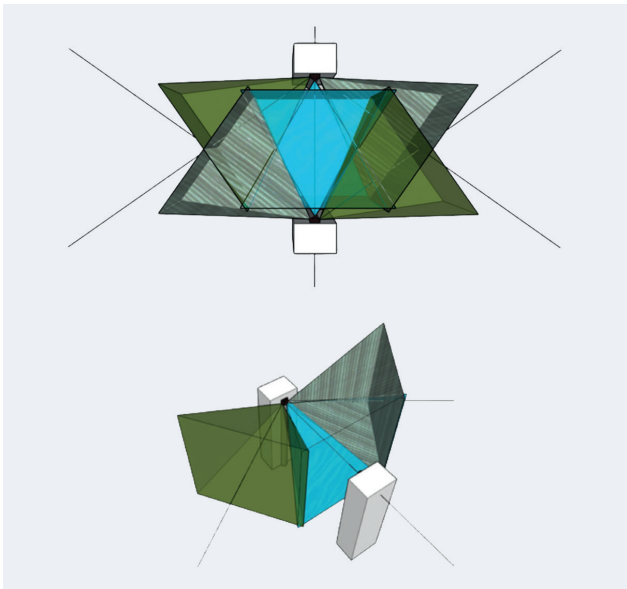
An illuminated symbol integrated into the top lid guides users to the correct badge presentation area. It provides immediate visual feedback, indicating whether access has been granted or denied, ensuring users know exactly how to proceed. This reduces hesitation and delays, helping to maximise throughput.

Passage Lights (optional)

Passage indicator lights integrated under the top lid show user how to proceed through the lane – an additional level of visual guidance in the eyeline of users to ensure clear indication of how to proceed to maximise the efficiency of passage.

Gunnebo Visira

FL^S-UC employs the Visira detection system, embedding time-of-flight sensors arrange in an array to monitor the presence of people approaching, passing through and leaving the passageway.



Safety Features

Safety force sensing in accordance with EN17352

Accurate presence sensing

Voltage free contact input for fire alarm fail state

Manual push opening on power off

Automatic opening with integrated power backup (optional)

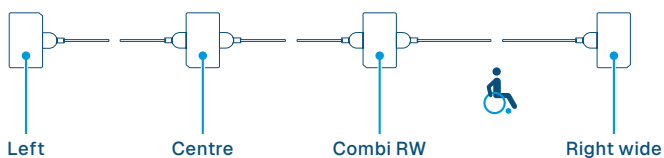
Integrated sensing at high and low level ensures that the movement area of the wings is monitored and safety modes are activated when presence is detected.

Additionally the door movement meets the requirements of EN17352 to ensure safety of users.

As standard on power failure the doors are free to be pushed open. Optionally a power backup can be integrated to automatically open the doors on power failure.

Technical Data

Noise rating	<55 dB
Power supply	115/230 VAC 50/60 Hz
Power consumption	16 W – standby, 100 W in operation
Operating temperature	0 °C to 50 °C, 95 % RH non-condensing
Flow rates	Up to 60 ppm Depending on access control system speed



Design / Construction

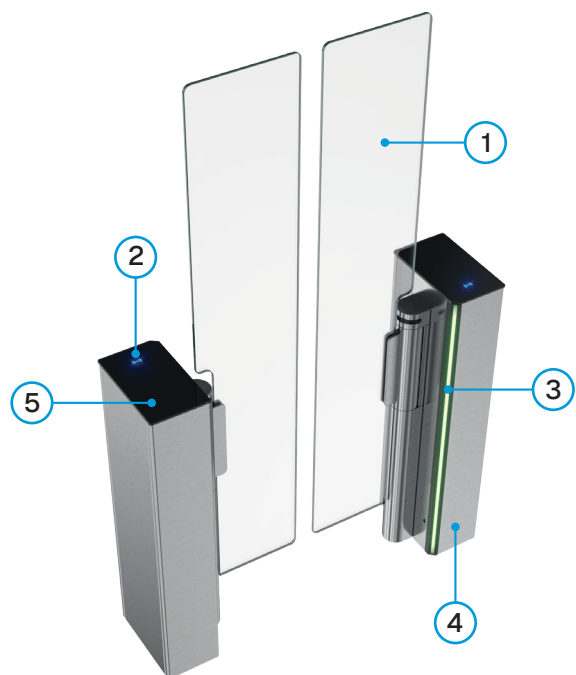
Passage widths

- Regular 600 mm
- Wide 900 mm

Obstacle height

- Up to 1800 mm

Standard passage 600 mm and Wide passage (900 mm) available. Available also as Combi – centre cabinet with narrow (600 mm) passage in one side and wide (900 mm) 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 centre or combi cabinets. Select cabinets according to the number of lanes and passage width desired.



1. 10 mm toughened glass wings
2. Card reader integration
3. LED lighting
4. 304 Stainless steel (Powder coated upgrade)
5. Lid

SmoothDrive

SmoothDrive is our panel drive control platform, designed to redefine how the systems move, feel and perform. By combining intelligent engineering, refined mechanics, and a standardised foundation, SmoothDrive delivers exceptionally smooth motion with enhanced safety and reliability. It transforms technical innovation into a seamless experience, setting a new benchmark for modern entrance control and forming the future ready platform behind our entire portfolio.



Key Benefits

Quieter operation

High reliability Brushless DC motor for fast, quiet and precise door movement

Improved safety

Designed to meet EN17352, providing reassurance and compliance for both building operators and users.

Taller glass lanes

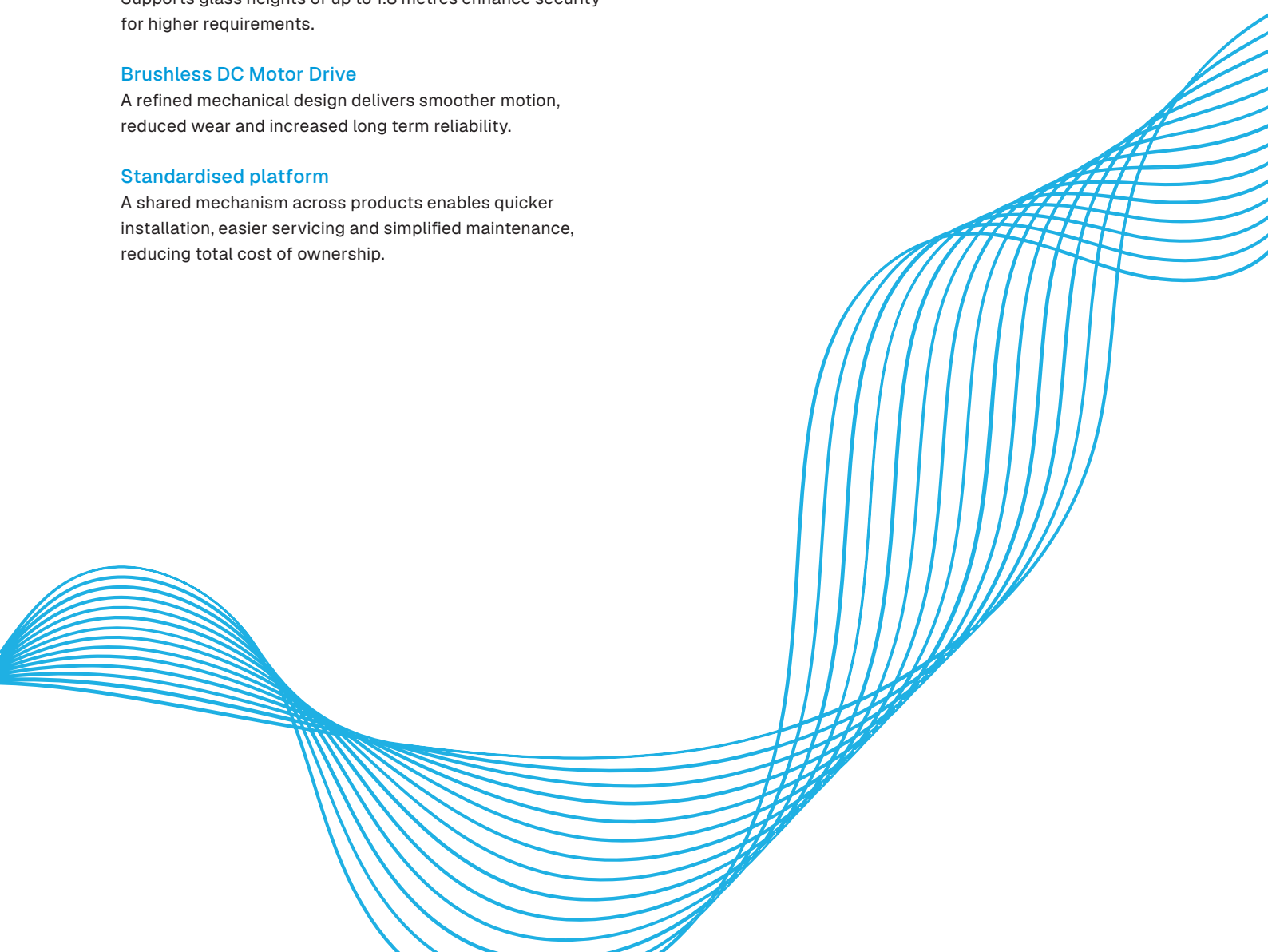
Supports glass heights of up to 1.8 metres enhance security for higher requirements.

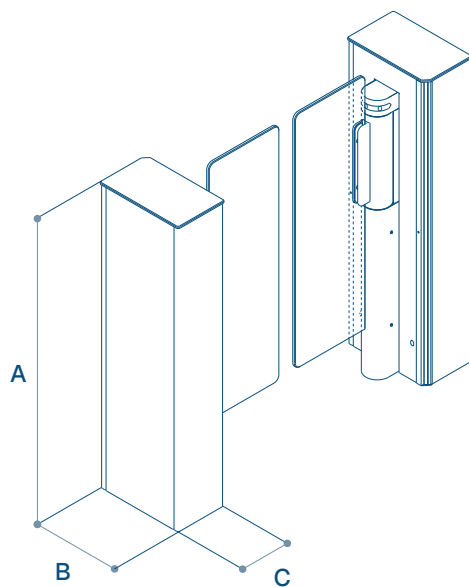
Brushless DC Motor Drive

A refined mechanical design delivers smoother motion, reduced wear and increased long term reliability.

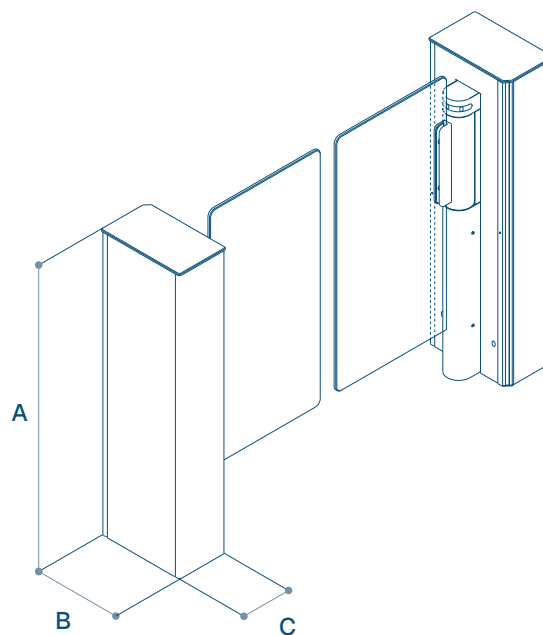
Standardised platform

A shared mechanism across products enables quicker installation, easier servicing and simplified maintenance, reducing total cost of ownership.





SpeedStile FL^s-UC
Standard 600 mm



SpeedStile FL^s-UC
Wide 900 mm

Dimensions

	Glass leaves Overall Height	Passage Width ¹	A Cabinet Height	B Cabinet Length	C Cabinet Width ¹
FL ^s -UC Standard	990 / 1200 / 1800	600	990	300	175
FL ^s -UC Wide	990 / 1200 / 1800	900	990	300	175

¹ Add 75 mm for side cabinet of 150 mm for centre cabinet due to drive column

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Take advantage of our knowledge:
www.gunneboentrancecontrol.com

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