

 SPEEDSTILE FL^S

DS series



PRODUCT DATA

SPEEDSTILE FL^S DS^{series}

Flap Leaf Speed Gate for Internal Installation

Motorised flap leaves

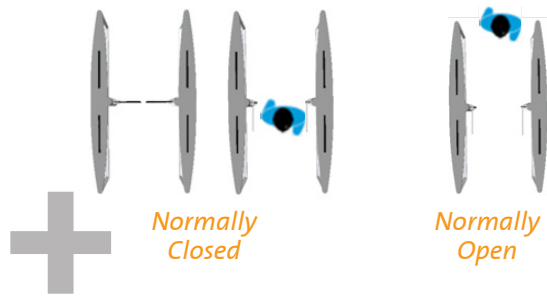
Architects and Interior Designers have always been at the forefront in introducing new materials. Gunnebo embraces this philosophy in the SpeedStile DS series with exciting new materials, selection of finishes and lighting effects. Finishes and ergonomic shapes that capture the designer's imagination. A new stylish and flexible design able to virtually blend infinite aesthetics within architectural interior needs, still including security features and performances from Gunnebo experience.



Applications are wherever high aesthetics is a must. Applications include Government, Finance, Banking, Retail, Telecommunications, Information Technology, Publishing, Leisure, Education....












MODE OF OPERATION

Passage in one or both directions is electronically controlled. On receiving a signal from the access control system, or remote control, the wings 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.

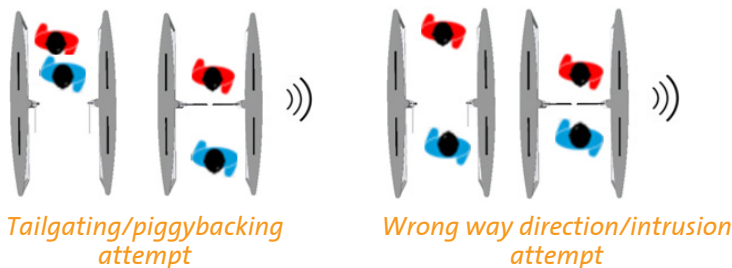


Normal Use (steady)	Alarm Conditions (flashing)
 Green arrow Authorised use or designated free passage Proceed through the unit	Emergency / Fire exit
 Red cross (Unit in use or no passage) Passage not authorised	Alarm, fraudulent condition or technical alarm

											
Standard	•	•	•	•	•	•	○	○			○
Wide	•	•	•	•	•	•	○	○	•	•	•

Plain dot indicates the functionality is implemented, empty dot indicates with some limitations, no dot indicates not available.

SECURITY FEATURES



- Fraud Detection through sophisticated and proven algorithm*
- Intrusion
 - Tailgating
 - Piggybacking
 - Wrong way direction
 - Leave aisle timeout

SAFETY FEATURES

- Safety force sensing
- Safety light curtain (option)
- Accurate presence sensing
- Emitter/receiver infrared sensors technology
- Logic voltage 24V dc
- Voltage free contact input for Fire Alarm fail state
- Manual push opening on power off
- Anti-panic push opening in operation
- Wide walkway for wheelchair or easier access
- Accompanied wheelchair or child passage management

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

DS series modern and stylish design, , Stainless Steel and glass construction with robust and stylish technopolymer lid with a vast selection of finishes and customisation.

1.8m cabinet length

Standard passage way 600mm and **Wide** passage (900mm) available. Available also as **Combi** - centre cabinet with narrow (600mm) passage in one side and wide (900mm) passage on the other side

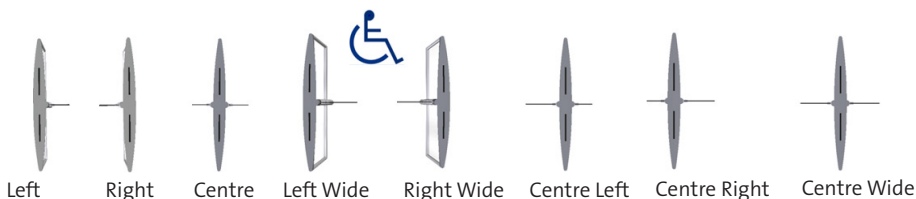
LED display indicators on the column drive post, with illuminated symbols



Green arrow

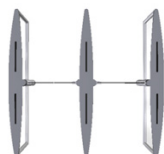


Red cross

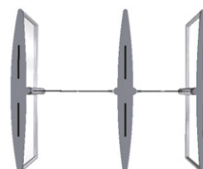


In order to create a lane it is necessary to have one right and one left cabinet. To create more than one lane, use one or more centre or combi cabinets. Select cabinets according to the number of lanes and passage width desired.

Two lane configuration comprising of 1N°L, 1N°C and 1N°R cabinets



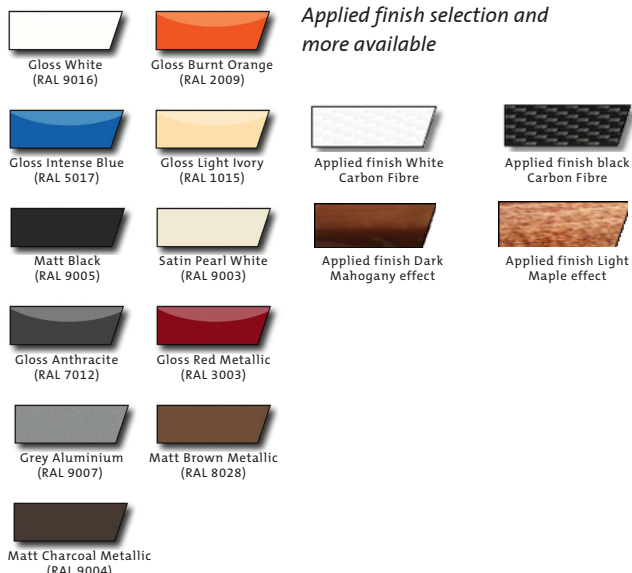
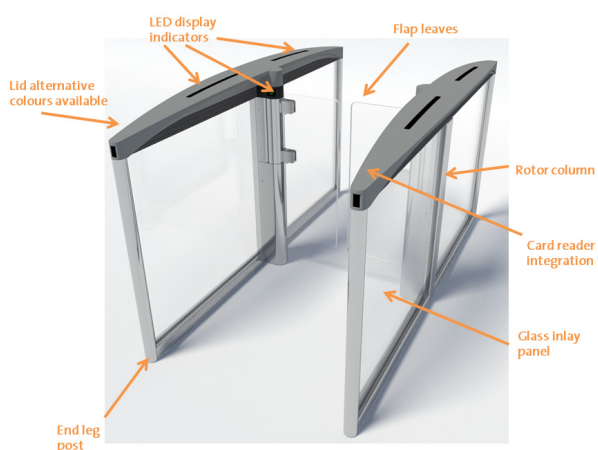
Two lane configuration comprising of N°1 LW, 1N°CLW and 1N°R cabinet.



FINISHES / CUSTOMISATION

DS series includes applied Grey Aluminium for the elliptic top lid with stainless steel effect centre strip, chassis, plinth and end leg posts finishing in 304 grade stainless steel and glass inlay 10mm thick, leaves 10mm toughened glass.

Standard finishes further comprise: *Lid optional finish selection*



OPTIONS & ACCESSORIES

- DS series finishes and materials
- Light curtain safety kit
- Card reader integration
- Remote control systems

ACCESS SPECIFICATIONS

Flow rates by type of Reader (1)			Disabled Access	Emergency Egress
Insertion Type	Swipe	Proximity		
20 PASSAGES / MN	30 PASSAGES / MN	40 PASSAGES / MN	● (2)	● (3)

- (1) Approximate figures
- (2) 900mm net passage way and algorithm able to manage wheelchair access
- (3) In the event of a power failure the flap leaves will remain in the current position.

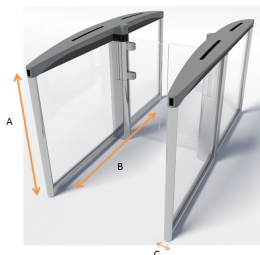
ELECTRICAL DATA & CONDITIONS OF USE

Power Supply	Power Rating	Fire Signal	Operating Temperature	IP Rating	Noise Level
230VAC 50HZ(1)	20VA STAND BY 120VA IN OPERATION	INPUT FOR VOLTAGE FREE CONTACT	+5°C TO +40°C, RH 95% NO CONDENSING	IP20	LESS THAN 55dB(3)

- (1) 115Vac 60Hz also available
- (2) Note: Average background noise in office environment is 50-55dB
- (3) In the event of a power failure the flap leaves will remain in the current position

DIMENSIONS & WEIGHTS

	Overall Height	Passage Width	A Cabinet Height	B Cabinet Length	C Cabinet Width (1)	Weight (kg)	
						Side Cabinet	Centre Cabinet
STANDARD SHORT LANE	940	550	940	1800	120	75	90
WIDE SHORT LANE	940	900	940	1800	120	78	96



(1) add 65mm for side cabinet or 130mm for centre cabinet due to column rotor

dimensions in (mm), weight net (kg), might require lifting equipment. For details refer to installation detail drawings

INSTALLATION & MAINTENANCE

Product Delivery	Application	Site Preparation (1)	Cabling & Conduits (2)	Control Board Location	Systems Integration(5)	Maintenance Access	MTTR(3)	MCBF(4)
KIT FORM	INDOOR	FLAT & LEVEL FINISHED FLOOR +/- 5mm	THROUGH THE GROUND	INTO ROTOR COLUMN	27 DIGITAL INTERFACE I/O RS232 RS485 SETTINGS PROGRAMMABLE VIA PARAMETERS	DRIVE COLUMN AND LID ACCESS	LESS THAN 30 MINUTES	4 MILLION (5 MILLION if NO -Normally Open)

- (1) Bolting depth MIN 70mm, concrete MIN fckcube30N/mm2 resistance, MIN 2000 x 400 x 150 mm deep
- (2) Running MIN 2000 x 400x 150mm deep 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.

THE JOURNEY TOWARDS A SAFER FUTURE STARTS AT THE ENTRANCE

