

Speedlane 300



The pivoting angel wing security lane

The Speedlane 300 proves that separating your secure area does not need to be a compromise between a high level of security and contemporary design. The illuminated angel wings give the Speedlane 300 a sleek look while the sophisticated technology hidden behind its beautiful exterior allows for smooth and efficient bi-directional access control ensuring only authorised people can enter your secured area.

High capacity applications

With a high capacity throughput and a slim design the Speedlane 300 is ideal for situations where large numbers of people need to pass through a narrow secured entrance. Intermediate units, with door wings on both sides, are available to effectuate a multiple

lane set-up and save valuable space. For applications with continuous, busy, bi-directional traffic, entry and exit lanes can be allocated to increase efficiency and ease of use.

You will often see the Speedlane 300 in banks, corporate offices and government buildings.



‘Status indication through colour changing LED Lights within the door wings’

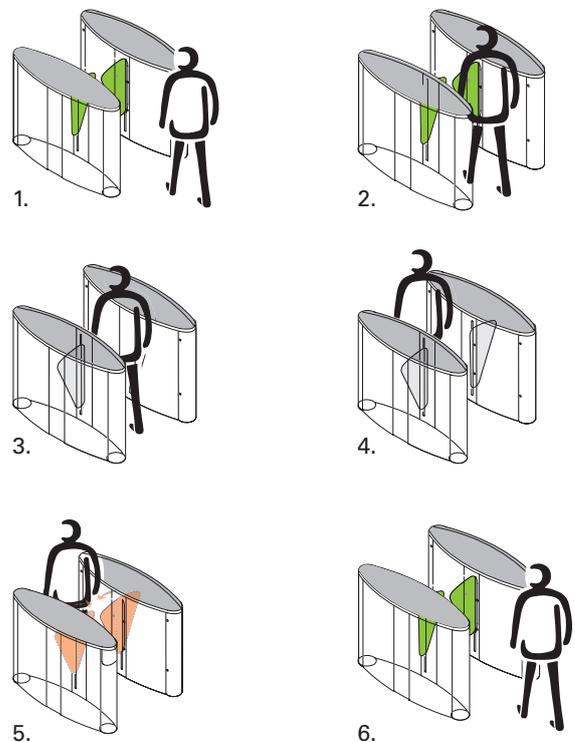
Working principle

The operation of Speedlane 300 relies on authorisation from an access control system or external control panel, ensuring that only authorised people can enter your secured area. The system is able to remember up to three authorisation pulses on each side of Speedlane 300 to guarantee smooth passage.

A passage cycle

1. In the rest position, the appearance of the door wings is green and they are fully closed.
2. The Speedlane 300 is activated by an authorisation signal from an external access control system such as a card reader.
3. The LED display will flash with a green arrow and the appearance of the door wings changes to neutral as the door wings open, retracting into the unit.
4. The user passes through the door wings.
5. The door wings appearance changes to red as they safely reclose to prevent tail-gating and piggy-backing*.
6. Upon reaching the fully closed position, the appearance of the door wings changes from red to green, ready for the next cycle.

* Audible and visible alarms will be activated when a tailgating or piggy-backing attempt is detected.



Elegant design

Finish

The Speedlane 300 is built to high standards using high quality materials. The Speedlane 300 unit is constructed from brushed stainless steel AISI 304 with a satin polished stainless steel top cover.

Angel wings

The angel wing pivoting door wings consist of 12 mm polycarbonate and are illuminated using low energy red and green LED lights, indicating the status of the Speedlane 300:

- Green: during normal standby mode; Speedlane is ready to use
- Neutral: during authorised use
- Red: when the door wings are closing; unauthorised use

Options

- Single lane or multiple lane set-up
- Red/green indicator lights in the top panel of the unit
- Adaptations for integration of proximity or other card reader
- External control panel

Safety features

At Boon Edam, we put safety first. We know that user safety and emergency exit requirements are important when designing your interior. That is why our products are created with these demands in mind. All Boon Edam products are designed to comply with or exceed safety standards and regulations.

User safety

An advanced sensor system prevents the angel wing door wings from closing when a person or object is located within the safety zone.

Emergency

The Speedlane 300 is equipped with a battery back-up to prevent malfunction if a power failure occurs. If the main power supply has not been restored before the battery back-up system is exhausted, the last action is to open the door wings. Upon activation of the fire alarm, the door wings will fully retract into the unit.

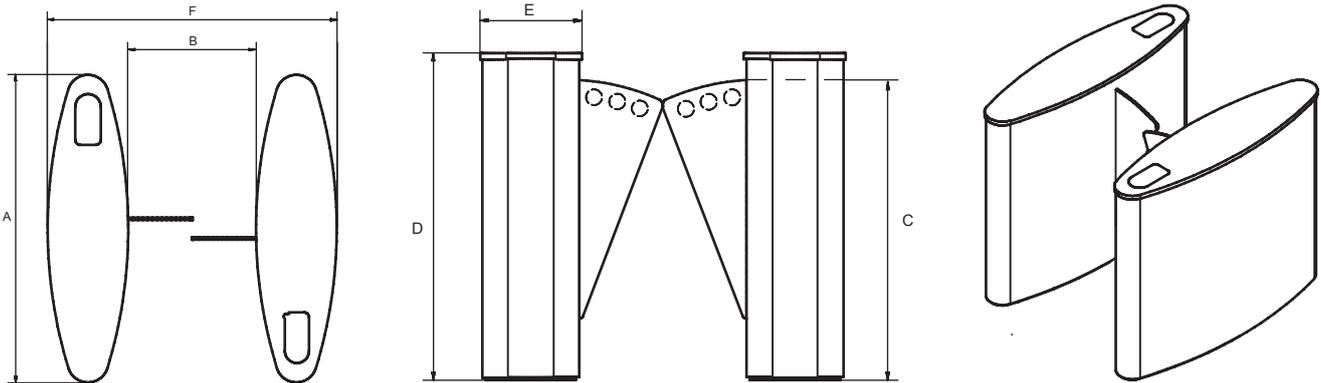


Standard dimensions and theoretical capacity

	A Unit length (mm)	B Passage width (mm)	C Door wing height (mm) ¹	D Unit height (mm)	E Unit width (mm)	F Overall width (mm)	Capacity/ minute²
Speedlane 300	1212	500	934	1020	315	1130	25 - 30

¹ From floor level

² Depending on authorisation system, in one direction



Technical specifications

Power supply	200-240 VAC, 50/60 Hz
Power consumption	
Operational	35 W
Stationary	20 W
Ambient temperature	-15°C to +50°C
Weight	200 kg
Compatibility	Speedlane 300 is compatible with most access control systems by using potential free contacts.

High quality

At Boon Edam, we take quality seriously; the quality of the materials we use, the quality of our employees as well as the quality of our partners. As with all Boon Edam products, the Speedlane 300 is manufactured to the highest standards, is CE approved and complies with the Machine Directive (2006/42/EC), the EMC-directive (2004/108/EC) and the Low Voltage directive (2006/95/EC).

Distributor

SL300-1110-GBR-95903321