Speedlane 300

Contemporary angel wing security lane

Speedlane 300 guarantees fast, smooth and efficient access control in two directions, offering a competitive, high quality security control system.
The illuminated angel wing pivoting door system and neutral stainless steel finish create a sleek design complimenting most building interiors.

High capacity applications

Speedlane 300 is designed for single and multiple lane installations. Multiple lanes are created by inserting one or more intermediate units, which have angel wing pivoting doors to both sides, reducing both cost and space requirements.

Where multiple lanes are used in busy pedestrian traffic entrances, entry and exit lanes can be allocated to significantly improve traffic flow. Depending on the authorisation system, each lane has a capacity of 25- 30 persons per minute, in one direction.

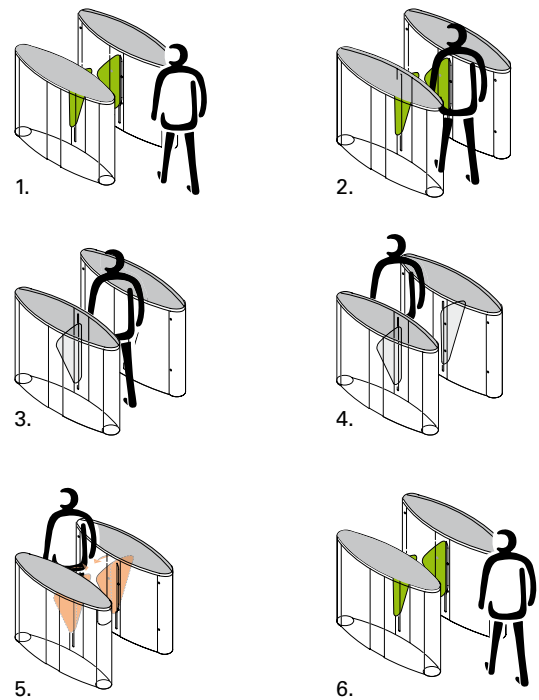**Your Security. Our Solution.**

BOON EDAM
Security Access

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 3 authorisation pulses on each side of Speedlane 300 to ensure smooth passage.

Passage Cycle

1. In the standby position, the appearance of the door wings is green and they are fully closed.
2. Speedlane is activated by a pulse from an external authorisation 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 re-close to prevent tailgating and piggybacking.*
6. Upon reaching the fully closed position the appearance of the door wings changes from red to green indicating the unit is now in standby mode, ready for the next cycle.

*Audible and visible alarms will be activated if a tailgating or piggybacking attempt is detected

1.

2.

3.

4.

5.

6.

'Status indication through colour changing LED Lights within the door wings'

Elegant design

Finishing
Speedlane 300 is built to high standards using high quality materials. The standard unit is finished in brushed K240 stainless steel, AISI 304. The top cover is available in satin finished stainless steel and the door wings are constructed of 12mm Polycarbonate glazing.

LED Lights
The angel wing pivoting doors are illuminated using low energy consuming red and green LED's, indicating the status of Speedlane 300:

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

Options
- Single lane or multiple lane setup
- Red/green indicator lights in the top panel of the unit indicating the authorisation feedback
- Adaptations for integration of proximity or other card reader
- External control panel

Safety features

At Boon Edam we put safety first. User safety is an important issue when you are securing your entrance, as well as the possibility of keeping your controlled entrance available as an emergency exit.

User safety
An advanced sensor system prevents the angel wing pivoting doors from closing when a person or object is positioned within the safety zone.

Emergency
Speedlane 300 is equipped with a battery backup as standard, to prevent malfunction if a power failure occurs. If the mains 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 angel wing pivoting doors will fully retract into the unit.
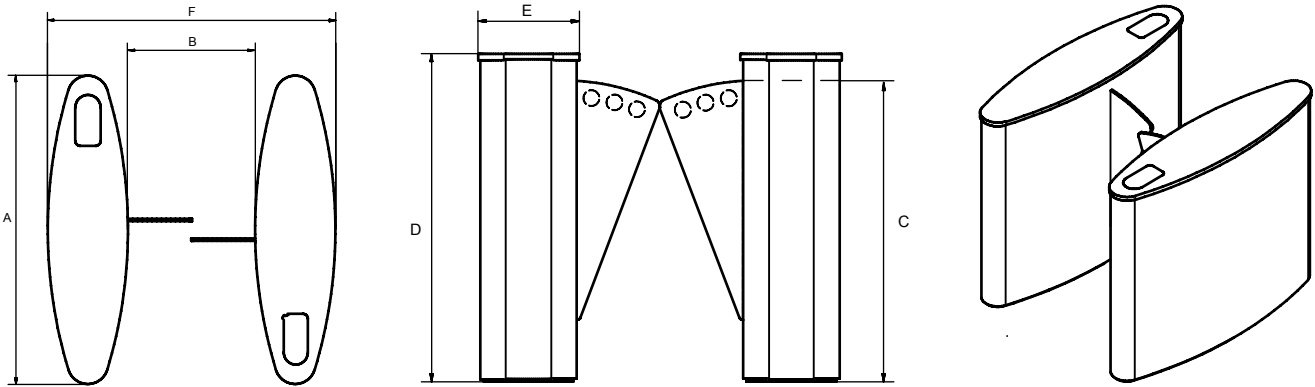
Standard dimensions and capacity

(mm)	A Unit length	B Passage width	C Door Wing Height [1]	D Unit height	E Unit Width	F Overall width	Capacity/ minute [2]
Speedlane 300	1212	500	934	1020	315	1130	25-30

[1] From Floor

[2] Depending on authorisation system

Technical Specifications

Power supply	200-240 VAC, 50/60 Hz
Power consumption:	20 W
Ambient temperature	-15 to + 50°C
Weight	Standard Speedlane 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, Speedlane 300 is manufactured to the highest standards, is CE approved and complies with the machine directive (98/37/EC), the EMC-directive (2004/108/EC) and the low voltage directive (2006/95/EC). Boon Edam operates a policy of continuous refinement and improvement and therefore reserves the right to modify design and details at any time.

Distributor

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Security Access