

Airport Swinglane



The self-boarding security gate

The Airport Swinglane is a new generation self-boarding security lane that combines a high level of security with passenger comfort. The Airport Swinglane can be used to give passengers more control over their boarding process and free up ground personnel for more customer focussed tasks, ensuring an improved passenger experience.

Air- and seaport solutions

The Airport Swinglane gives passengers the possibility to take control of their own boarding process, to enable access to the air- or seacraft they will be travelling on. It ensures a quick and efficient boarding process, shorter queues and increased passenger satisfaction.

The Airport Swinglane can be used in a variety of terminal security situations, including boarding and transfers, all with the strictest security. Thus offering the perfect terminal security solution for both sea- and airports.

Working principle

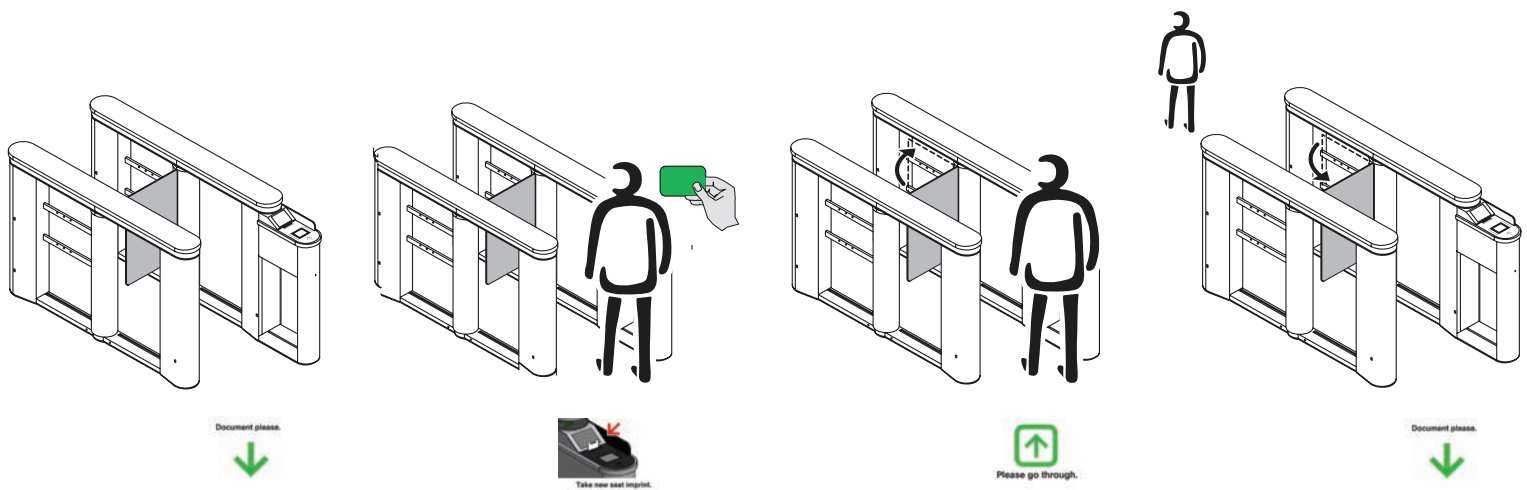
Boarding a plane through the Airport Swinglane is as easy and efficient as boarding a train or bus with a travel card, but at a higher security level.

A passage cycle

When a passenger arrives at the gate, an LCD screen asks them to present their boarding pass to the integrated barcode scanner which will verify the data. If a seat change has taken place or if the passenger is boarding with a mobile phone, the in-built printer will print a receipt with the seat number. If the boarding pass is valid and the receipt has been taken, the display will show a green arrow and the gate will open. The passenger can now continue to board the plane.

If the boarding pass is invalid, the display will ask the passenger to contact the airline agent present at the gate.

When the gate is not in use, the Airport Swinglane can be put in the permanently closed mode, ensuring the gate is closed and locked. A permanently open mode is also available. In this mode the barcode reader will remain activated to facilitate manual boarding.



‘The Airport Swinglane allows for quick and comfortable boarding without jeopardising strict security demands’

Security features

The Airport Swinglane can meet all the strict security demands that are in effect at airport terminals today. It is equipped with a wide range of detection features and can accurately detect any attempt at tailgating, jumping over or crawling under. The Airport Swinglane will identify children or luggage in the lane and similarly, if authorisation has been cancelled by the airline, the passenger and airline staff will be alerted. In any case of unauthorised use, visual and audible alarms will go off, alerting ground personnel.

Elegant design

The Airport Swinglane is built to high standards using high quality materials. Its design combines stainless steel and glass for a transparent feel that will complement any terminal interior. The glass panel underneath the barcode reader and LCD screen are easily interchangeable and can be customised to show the airline's logo.

The Airport Swinglane is available in single or multiple lane set-up, enabling quick and efficient boarding to both standard and high capacity air- or seacraft.

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

The Airport Swinglane is equipped with a number of safety features to ensure safety for all users. Sensors can detect children in the lane and allow them to pass safely. If an object or person is detected between the door wing and the unit, the Airport Swinglane will not open any further but will slowly close, resetting all authorisations and disabling any additional authorisations.

Emergency

The Airport Swinglane is equipped with an emergency stop button which will allow the door wing to be manually opened and locked in the outward direction. Equally in case of a fire alarm or power failure all detections will be disabled and the Airport Swinglane can be operated manually. Once power has been restored, the door wing will return to the original position and lock, ready for normal operation*.

* Escape route requirements are subject to local regulations

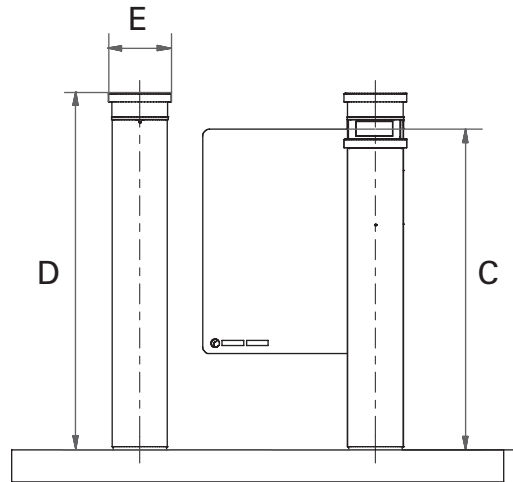
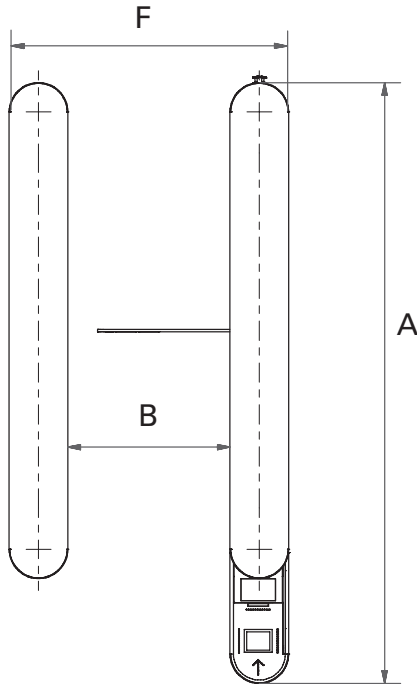


Standard dimensions and theoretical capacity

	A Unit length (mm)	B Passage width (mm)	C Door Wing height (mm)	D Unit height (mm)	E Unit width (mm)	F Overall width (mm) ¹	Capacity/ minute ²
Airport Swinglane	2000	540	1000	1113	195	930	12 - 16

¹ Installation next to wall, extra space (50mm) needed to hinge open the top cover.

² Depending on authorisation system, in one direction



Technical specifications

Power supply	110-240 VAC, 50/60 Hz, fuse 16A slow
Power consumption	
Operational	175 W
Stationary	70 W
Ambient temperature	0°C to +55°C
Weight	200 kg
Compatibility	Airport Swinglane is compatible with most barcode readers 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 Airport Swinglane is manufactured to the highest standards, is CE approved and complies with international regulations and guidelines, including but not limited to: the Machine Directive (2006/42/EC), the EMC-directive (2004/108/EC), the Low Voltage directive (2006/95/EC) and European Glass standard EN356.

Airport Swinglane is certified for use on the AirportConnect CUTE/CUPPS Platform by SITA and by the Association of European Airlines (AEA) according to the latest AEA 2009 regulations and standards

Distributor

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