

Speedlane 900



Versatile security lane with sliding doors

Our Speedlane 900 guarantees fast, smooth and efficient access control in two directions. Sliding doors open into the casings, permit authorised passage and block unauthorised entry while visible and audible alarms draw the attention of security or reception personnel. The Speedlane 900 has several options in finishing and can be manufactured to match or complement many surroundings, making this security barrier appropriate for almost any building.

High capacity applications

The Speedlane 900 is designed for single and multiple lane installations. Multiple lanes are created by inserting intermediate units, which have door wings to both sides, reducing both cost and space requirements. Where multiple lanes are used in busy traffic pedestrian 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. The attractive design of the Speedlane offers an exclusive security solution for environments such as reception area's in corporate, governmental and financial offices, museums or passenger terminals.

Your Security. Our Solution.

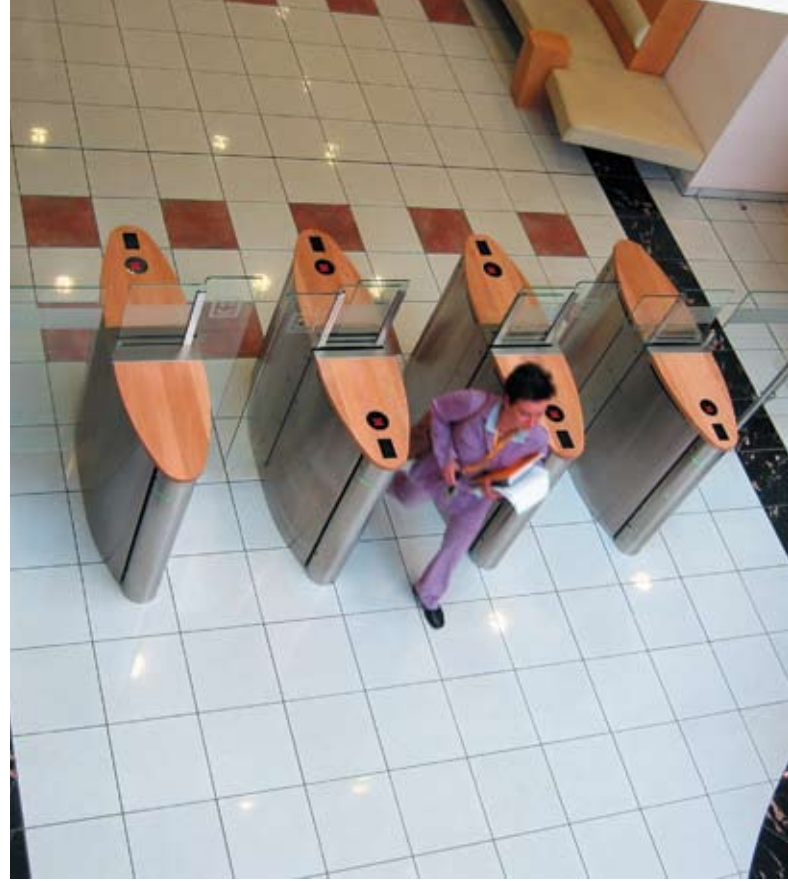
Variety of configurations

In addition to the standard Speedlane 900, the following versions are available:

- Speedlane 900-H: High door wings creating a higher level of security.
- Speedlane 900-L: An extended passage with additional photocells creating a longer detection lane, optimising the user flow (required for the optional "normally open" function).
- Speedlane 900-W: A wider passage allowing access with larger goods and luggage.
- Combinations of the above versions.

Working principle

The user can be authorised via a card reader, push button or external control panel. Confirmation of authorisation is provided through a display in the top cover of the unit and the door wings open, retracting completely into the unit. Immediately the user passes the door wings, they quickly re-close to prevent tailgating and piggybacking. Audible and visible alarms will activate if a tailgating or piggybacking attempt is detected. All Speedlane 900 versions have the option of low, medium or high security levels via the internal programme selector.



'Audible and visible alarm

indicates unauthorised use'



Operating modes

The standard, normally closed operation mode of the Speedlane begins with the door wings closed to prevent unauthorised passage. The following working principle modes are then possible in each direction:

- Access closed with electronic opening via card reader or other authorisation system.
- Free access

The Speedlane 900-L model offers an optional normally open function where the door wings rest in the open position and only close if unauthorised passage is attempted.

Software controlled

Multiple authorisations are stored when users from both directions are authorised shortly after each other. The Speedlane processes all authorisations in order of registration. Several operating parameters, such as the opening time, audible signal and the storage time of the authorisation can be adjusted to suit individual circumstances.

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 to keep your entrance available as an emergency exit.

User safety

An advanced sensor system prevents the door wings from closing when a person or object is located in the safety zone. The optional high door wings are equipped with additional safety sensors.

Emergency

A battery backup is available to prevent malfunction if a power failure occurs. Before this battery is completely empty, the last action is either to open or close the doors, as programmed. Upon activation of the fire alarm, as standard the door wings will fully retract in the unit.

Elegant design

Finishing

The Speedlane 900 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 a number of materials such as granite, marble, satin finished stainless steel and a choice of timber finishes. The door wings are constructed of tempered safety glass 10 mm.

Construction

The Speedlane is supplied with base plates for levelling and is fixed to the floor. Cabling is routed through the base of the unit. The top and side covers are removable to facilitate service and maintenance. Occasional cleaning with water and stainless steel cleaner plus a yearly service will keep the unit in good condition.

Options

- Wide passage
- Extra high door wings
- Single lane or multiple lane setup
- Normally open or normally closed working mode
- Top cover made of oak wood, cherry wood, beech wood or stainless steel
- Adaptations for integration of proximity or other card reader
- Extra pedestal for external card readers
- Red/green indicator lights in the end posts of the unit indicating the traffic direction. Also usable as additional authorisation feedback
- External control panel
- Matching guide rails are available with mid rail or glass infill in a variety of dimensions



Standard dimensions

	A <i>Passage length (mm)</i>	B <i>Passage width (mm)</i>	C <i>Door wing height¹ (mm)</i>	D <i>Unit height² (mm)</i>	E <i>Overall width (mm)</i>
900	1390	510	900	1030	1290
900-H	390	510	1200 / 1400 / 1600 / 1800	1030	1290
900-HL	2580	510	1200 / 1400 / 1600 / 1800	1030	1290
900-L	2580	510	900	1030	1290
900-W	1390	910	900	1030	2090
900-HW 1390	910	1200 / 1400 / 1600 / 1800	1030	2090	-
900-LW	2580	910	900	1030	2090
900-HLW	2580	910	1200 / 1400 / 1600 / 1800	1030	2090

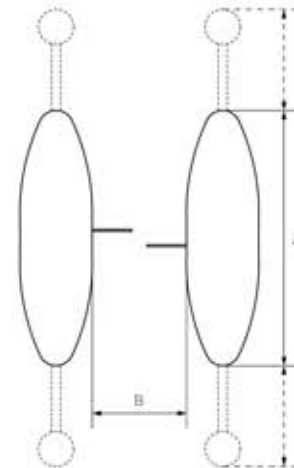
H = High, L = Long, W = Wide.

¹ From floor

² Approximate height. Unit height is 1000 mm, plus the thickness of the top.

Technical specifications

Power supply	200-240 VAC, 50/60 Hz
Power consumption	350 W
Ambient temperature	-15 to +50° C
Weight	Standard Speedlane: 420 kg
Compatibility	The Speedlane is compatible 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 is manufactured to the highest standards, is CE approved and complies with the machine directive (98/37/EEC), the EMC-directive (89/336/EEC) and the low voltage directive (93/68/EEC).

