

Trilock 900



Versatile tripod security barrier

The Trilock 900 provides an effective means of controlling pedestrian access, characterised by its highly reliable mechanism, stylish design and space efficiency. Available in various different models, the Trilock 900 is a versatile barrier, providing a suitable security access solution for almost every situation.

Basic security

The Trilock 900 consists of a cabinet, comprising electronics and a tripod mechanism, which can be customised with various exchangeable cladding elements. This modular concept provides a variety of models to match existing style elements in all possible surroundings.

The attractive design of the Trilock 900 makes it particularly suitable for environments such as reception areas in corporate, government and financial offices, museums and passenger terminals.

Working principle

The Trilock 900 is always locked in a rest position, but will open in the desired direction when authorisation is granted via an access control system, or external control panel.

Once authorisation is given, the mechanism unlocks for a rotation of 120°. By pushing the armset of the mechanism, access is given to one person, after which the mechanism relocks. An optional authorisation display continuously indicates the status of the mechanism with a green arrow or red cross signal.

Operating modes

The Trilock 900 is available with different mechanisms, providing a variety of electrical operating modes, realising bi-directional control.

Service & maintenance

The Trilock 900 is equipped with a modern control unit which can be accessed through a PDA. This allows the Boon Edam service teams to carry out service and maintenance to the software quickly and with minimal inconvenience to the users.



Options

- Rigid or collapsible armset
- Fail-safe or fail-secure, entry or exit
- Blocked or free access, entry or exit
- Left or right handed installation

Stylish design

Finish

The Trilock 900 cabinet is finished in 1.5 mm stainless steel, grain 240S, AISI 304, with the three push bars constructed from brushed stainless steel.

The design of the Trilock 900 is very flexible. By exchanging the ends of the cabinet the look and feel of this waist high turnstile can be transformed: rounded ends for a sleeker, more stylish look and square ends for a robust, functional feel. The body of the cabinet can be open or filled in with a variety of different infills, including straight and angled plates to create a suitable security barrier for almost every environment and budget.

The top cover of the Trilock 900 is detachable to allow easy access to the mechanism below and the possibility of incorporating access control systems. The Trilock 900 mechanism is developed for a long life, using self-lubricating parts.

Options

- Various side part models: radius or fully round edges
- Various inner plate models: straight and angled
- Authorisation display with a two colour LED pictogram, arrow/cross, indicating the mechanism status
- Traffic display, indicating one or bi-directional passage
- Adaptation of the unit for installation of a card reader subject to the measurements and characteristics of the reader
- External soft-touch control panel
- Electrical counter, one or two directions





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.

Emergency

The Trilock 900 is available with fail-safe or fail-secure operation. While the fail-secure model ensures that the entrance stays closed in case of emergency or power failure, the fail-safe model will free the passage by allowing free rotation of the armset or automatically collapsing the horizontal arm down. Alternatively, if a fire alarm is connected, the fail-safe function can automatically be activated upon receipt of a fire alarm signal.

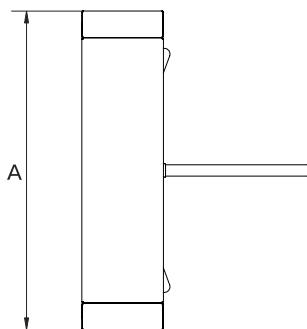
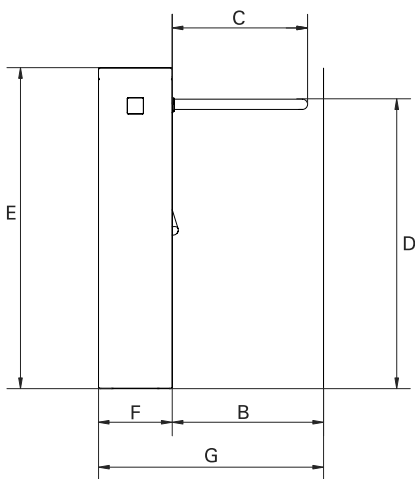
‘The Trilock 900 provides a versatile and flexible security entrance for almost every environment’



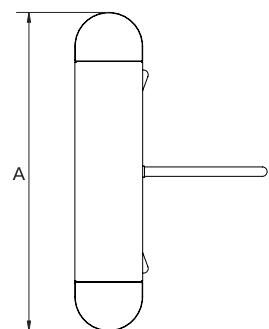
Standard dimensions and theoretical capacity

	A Unit length (mm)	B Passage width (mm)	C Arm length (mm)	D Arm height (mm)	E Overall height (mm)	F Unit width (mm)	G Overall width (mm)	Capacity / minute¹
Radius collapsible	900	492	442	896	1000	230	722	15 - 20
Radius rigid	900	437	387	872	1000	230	667	15 - 20
Round collapsible	1080	492	442	896	1000	230	722	15 - 20
Round rigid	1080	437	387	872	1000	230	667	15 - 20

¹ Depending on authorisation system, in one direction



Radius



Round

Technical specifications

Power supply	100-240 VAC, 50/60 Hz
Power consumption	
Operating	35 W
Stationary	15 W
Ambient temperature	-15°C to +50°C
Weight	90 kg
Compatibility	The Trilock 900 is compatible with most control systems by using potential free contacts.

Distributor

High quality

At Boon Edam, we take quality seriously. Quality of the materials we use, quality of our employees as well as quality of our partners. As with all Boon Edam products, the Trilock 900 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).

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