

# Avon EB950CE Triumph Barrier



**The Avon EB950CE Barrier** is ideal for industrial car parks and security control; it can easily integrate with access control systems and is recommended for a wider road width or if signage, lights or skirts are required for the boom.

EB950CE Barriers are provided as standard with additional safety systems allowing compliance with BS EN 12453:2017.

The barrier stands 1160mm above foundation level with the boom 960mm above foundation level. The high duty cycling 24vdc linear actuator connects to the drive shaft via a torsion arm providing an operating speed of approximately 10 seconds, depending on boom length. An industrial grade gas strut is used to provide additional counterbalancing and dampening thus giving a smooth operation.

The steel cabinet is shot blasted, primed and powder coated (RAL1007) and houses the control panel, linear actuator with manual winding facility and the limit switches.

Barriers with booms in excess of 5m or where collapsible skirts are fitted require end supports to aid boom rigidity.

# EB950CE Barrier

## SPECIFICATION

Physical dimensions:	Barrier cabinet 410mm W x 560mm D x 1160mm H
Basic Power requirement:	230V single phase, 50Hz 6 amp Control Voltage S.E.L.V 24V
Control Voltage:	S.E.L.V 24v
Speed of Operation:	10 seconds to raise or lower
Boom height:	1085mm underside of boom to road surface (125mm kerb)
Operating temperature range available (option):	-20°C - +60°C
Approx weight:	185kg
Construction:	The steel cabinet and cover are shot blasted, to give a clean grease free surface providing maximum keying effect for the high zinc primer coat followed by a top coat of architectural grade polyester powder (60-80 microns) in yellow RAL 1007 (other options available). Barriers boom profile: The GRP (glass reinforced polymer) booms are circular section 82mm in diameter and supplied white with red bands, Max Length 9m (see options for booms with skirts).
Installation:	The barrier foundation should consist of grade C25 concrete and it is recommended that the barrier is secured to the foundation using 6 x M12 x 190mm chemical anchors. The installation of ducts for cabling is dependent upon the control criteria.

## Features

- Compliant with BS EN 12453:2017
- High duty cycling
- Electro-mechanical linear actuator
- Multi-process coating specification
- Winding handle facility
- 230v single phase 50 Hz 6A

## Benefits

- Safe
- Reliability
- Low maintenance
- Manual operation in the event of power failure
- Ease of installation
- Service spares

## OPTIONS

The barrier is intended for use on vehicle roads only. Pedestrians **must** be routed via a different traffic route. Additional safety measures can be incorporated into the barrier system if required. The barrier can be interfaced with existing or new access control systems.

- Access control & intercom systems
- Boom lights
- Alternative cabinet colours available
- Black/Yellow boom fascal
- Skirts underslung (max 8m boom)
- Skirts Full height (max 7m boom)
- Left handed boom mounting
- Inductive loop systems
- Boom mounted STOP / NO Entry labels
- Sounder beacon

