



Avon Barrier

Avon EB950 Triumph Barrier



The **Avon EB950 Triumph 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.

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. 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.

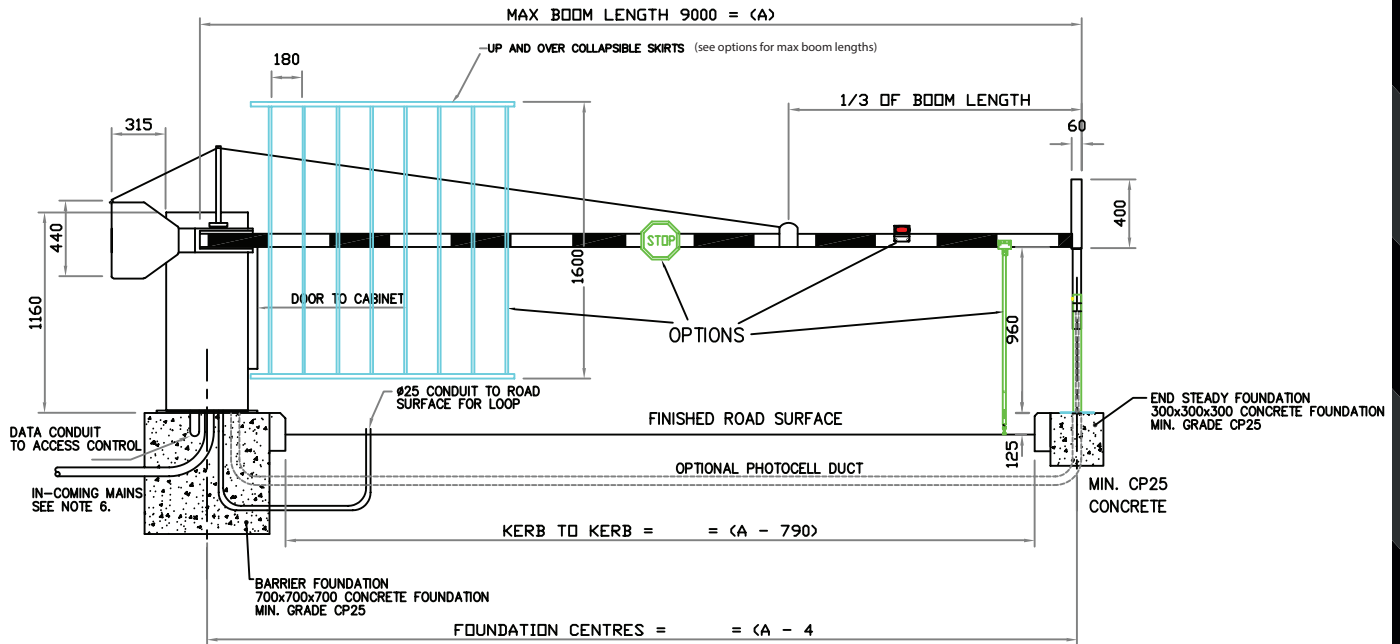
Features

- High duty cycling
- Electro mechanical linear actuator
- Fast acting
- Multi-process coating specification
- Modular design
- Winding handle facility
- 230v single phase 50Hz 6A

Benefits

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

Technical Specification EB950 Triumph Barrier



Technical Details

Physical Dimensions :	Barrier cabinet 410mm W x 560mm D x 1160mm H
Basic Power Requirements:	230V single phase, 50Hz 6 amp Control Voltage S.E.L.V 24V
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Speed of Operation:	10 seconds to raise or lower
Boom Height:	1085mm underside of boom to road surface (125mm kerb)
Operating temperature range available:	-25°C - +70°C
Approx Weight:	185 kg
Construction:	The all steel cabinet and cover are shot blasted, to give a clean grease free surface providing maximum keying effect for the two pack high zinc primer, 40 microns followed by a yellow (RAL1007 other options available) textured polyester powder coated top coat, 40 microns. 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 4 nos M16 x 190mm chemical anchors. The installation of ducts for cabling is dependent upon the control criteria.

Options Available

For safety reasons pedestrians, cyclists and motorcycles are advised not to use a barrier controlled roadway, 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 fascial
- ⊕ Boom mounted STOP/ No Entry Signs
- ⊕ Inductive loop systems
- ⊕ Skirts underslung (max 8m boom) / full height (max 7m boom)
- ⊕ Additional safety equipment including safety buffer, photo electric cell



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