



Barricade Beam

The Heavy Duty Sliding Cantilevered Beam Gate
Widths up to 8m. Bespoke available.



The Barricade Beam is a fully cantilevered, impact resistant (non PAS 68) sliding beam that requires no ground track or intermediate support across the roadway. The beam traverses the roadway at a centre-line height of 900mm. It engages with a framework mounted on the far side of the roadway.

100% duty rating - designed for continuous & frequent use. Power is supplied from a single phase 230V supply.

Typical operating speeds of 225-500mm/seconds* depending on length and configuration.

Safety control systems: Vehicle detector loops, safety photocells, ultra-sonic sensors and safety edges are available. Accessories: Signage, audible alarms and flashing beacons.

Access controls: A wide range of access control systems are available.

Finish. Various options available, including: Shotblasted, hot zinc sprayed, primed & finished with a final coat of polyurethane paint. Client to advise RAL paint number. This process provides a 20-year corrosion protection system for exterior; industrial polluted inland sites to BS5493, 1977 (Revised 1984).

**This is subject to a risk assessment to ensure the automatic equipment complies to BS EN 12453*

Applications: Sites requiring Anti-ram security solutions without the PAS 68 rating.

Banks | Depots | Cargo Parks | Ports | Airports |
Car Park | Warehouses | Delivery Entrances |
Utility | Heavy Industrial & Commercial Premises



Runback of Barricade Beam fully encased in pedestrian guard rail to ensure no trapping areas.



Above: Barricade Beam Cabinet foundation



Left: Barricade Beam Receptor Post foundation

Features

- Instantly Reversible
- 100% Rated Motor
- Override switch
- Security lock on door
- Switched fuse supply double pole isolator
- Mains failure indicator lamp
- Earth bonded door
- Easy accessible fuse unit
- Motor protection

Construction

The beam is a fully welded construction of rectangular hollow section, low carbon steel to BS4848 Pt.2.

Minimum length of runback track:
Beam width \times 1.6 + 200mm

CIVIL REQUIREMENTS

Cabinet base: 1400mm sq \times D: 400mm

Receptor Post Foundation

L: 1400mm \times W: 700mm \times D: 300mm concrete
(Note: Power and control wiring ducts to be incorporated into foundations)

ELECTRICAL REQUIREMENTS

Single & three phase supply available.