



WESTMINSTER

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WG750 Barrier



The WG750 Barrier is an ideal security barrier that can be utilised as an automatic traffic barrier for car parks and security control. It can easily integrate with revenue collection and access control systems and is recommended for a wider road width or if signage, lights or drop skirts are required for the boom.

The barrier stands 1135mm above foundation level, with the boom 840mm above foundation level. The heavy duty motor plate supports the 100% duty cycle permanent capacitor 4 pole T.E.F.C. motor which provides the power for the toothed belt driven industrial grade gearbox, which in turn drives the sinusoidal output mechanism. Two heavy duty bearings support the drive shaft; this having 2 machined cams to activate the adjustable limit switches to control the boom travel.

The hinged/removable lockable steel top cover provides access to the drive mechanism. The cabinet houses the 'parking logic' control panel, providing the necessary power supply isolator, fuses, thermal overload trips and motor contactors.

For boom lengths greater than 5m a straining wire is added for additional stability, along with an adjustable spring loaded end steady/pogo support to suit, recommended when equipment is added to the boom.



STANDARD FEATURES

- 100% Duty cycling
- 230v single phase 50Hz 6A
- Electro-mechanical drive unit
- Fast acting 4.2 sec
- Modular design
- Multi- process coating specification
- Winding handle facility

BENIFITS

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

OPTIONAL FEATURES

- Access control & intercom systems
- Additional safety equipment including safety buffer, photo electric cell
- Alternative cabinet colours available
- Black / Yellow boom
- Boom lights
- Boom mounted STOP / NO Entry signs
- Boom shear facility (up to 3m)
- Inductive loop systems
- Left handed boom mounting
- Skirts

SPECIFICATIONS

- Approx. weight: 130kg
- Basic Power Requirements: 230v single phase, 50Hz, 6 amp (optional international voltages available)
- Boom height: 965mm underside of boom to road surface (125mm Kerb)
- Boom profile - Rectangular extruded aluminium 76 x 38mm white powder coated with red fascal striping (black and yellow option available) Max length 7m. Booms are mounted on the right hand as standard unless specified.
- 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.
- Control Voltage: S.E.L.V 24v
- Installation: The barrier foundation should consist of grade C25 concrete and it is recommended that the barrier is secured to the foundation using 4 M12 x 160mm chemical anchors. The installation of ducts for cabling is dependent upon the control criteria.
- Operating temperature range available: -25°C - +70°C
- Physical Dimensions : Barrier Cabinet - 305mm W x 460mm D x 1135mm
- Speed of operation: 4.2 seconds to raise or lower

