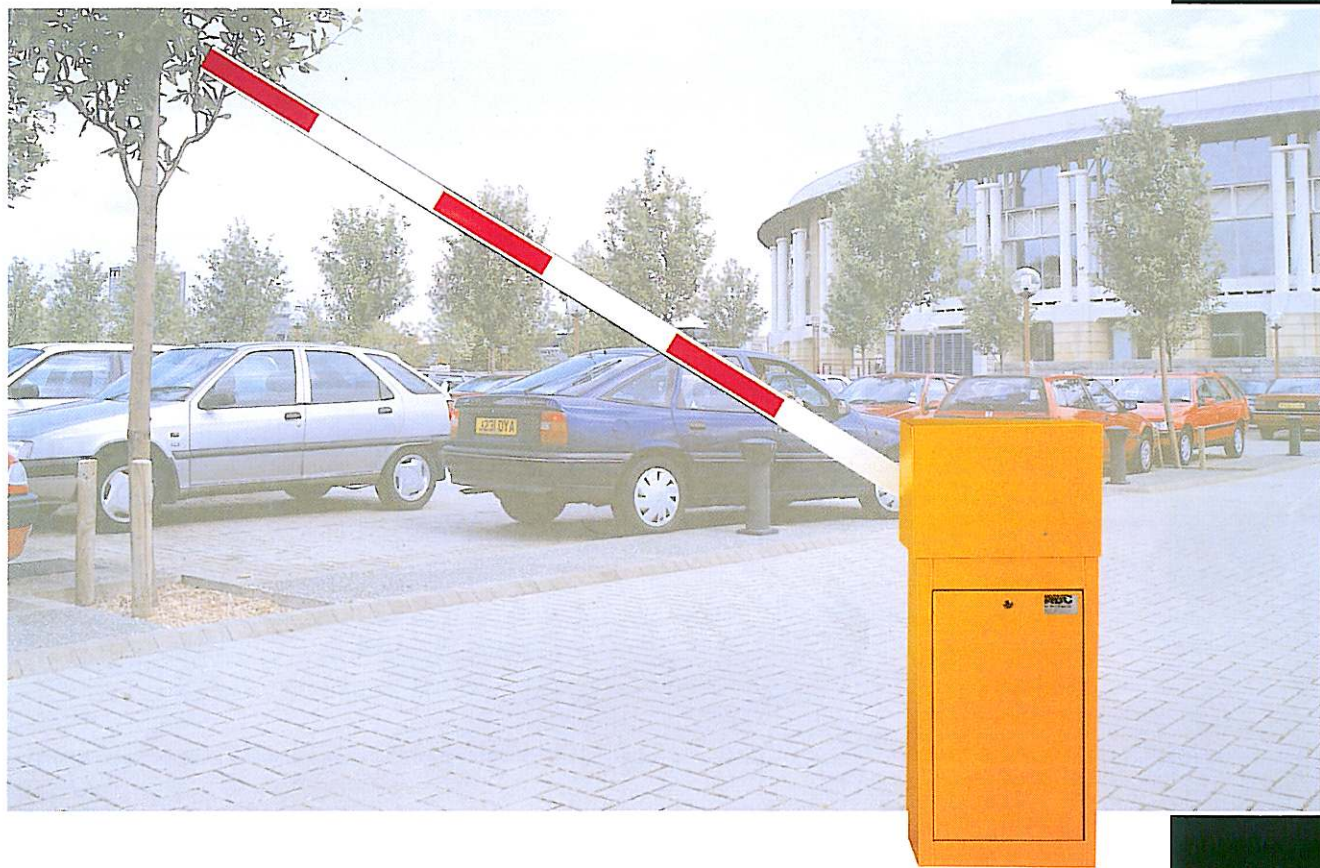
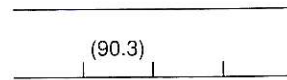




Avon Barrier Company Ltd



The Avon EB450 Parking Barrier used for controlling vehicle access points has proved to be reliable and cost effective with Car Park Service Companies and Clients alike.

Designed and manufactured in our British Factory by Engineers with over 25 years experience in the development and production of Rising Arm Barriers. The Avon EB450 Parking Barrier has become a leader within its field.

With a full installation service and maintenance capability we are able to provide a swift and efficient solution to all parking and vehicle access requirements.

KEY FEATURES

- 100% Duty Cycling
Electro-Mechanical Drive Unit
Fast Acting 2.4 secs
Conforms to BS6571 Part 4
Multi Process Coating Specification
Modular Design
Winding Handle Facility
230V Single Phase 50HZ 5A Supply

BENEFITS

- Reliability
Low Maintenance
Service Spares Availability
Manual Operation In Event Of Power Failure
Ease of Installation

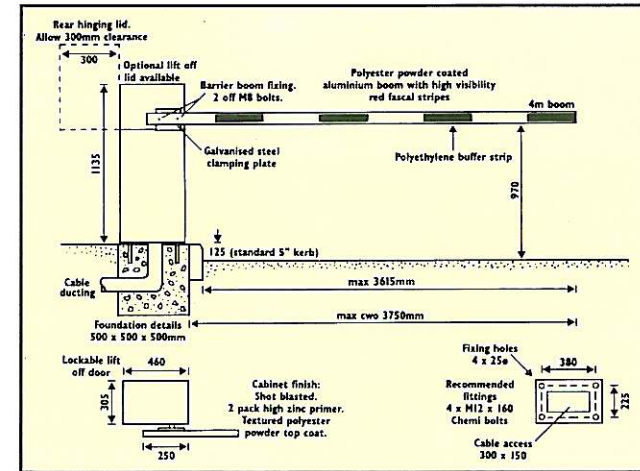
Avon EB450 Parking Barrier

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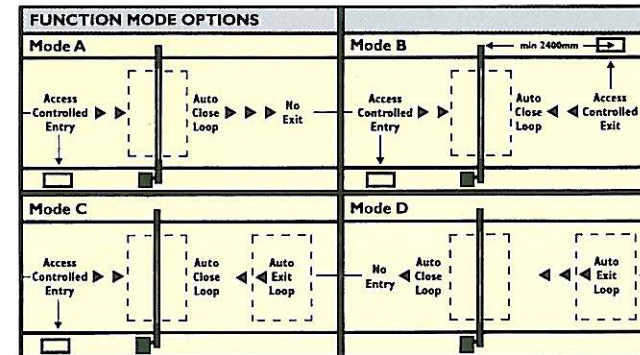
Avon EB450 Parking Barrier

Technical Specification



OPTIONAL EXTRAS

- Access Control: Card/Proximity Reader, Keypad/Key Switch, Radio Transmitter, Infra Red, Tokens, Time Clock Facility, Inductive Loops, Intercom
Safety Equipment: Boom Lights, Safety Buffer, Photo-Electric Cell, Inductive Loop
Revenue Generating: Fixed Charge - (Dual Tariff Option), Variable Charge, Pay On Foot System
Signs: Stop/No Entry, Single/Double Sided
Boom Shear Facility: Booms Up To 3m
Boom Crank Facility: Booms Up To 3m



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The Avon EB450 Parking Electro Mechanical Barrier stands 1135mm above foundation level with the boom 840mm above foundation level. The boom is constructed from a rectangular section aluminium 76mm x 38mm supplied white polyester powder coated with red fascal striping.

The heavy duty motor plate supports the 100% duty cycle permanent capacitor 4 pole T.E.F.C. motor, which powers the sinusoidal drive mechanism via an industrial grade low ratio gearbox.

Two heavy duty bearings are secured to the motor plate, this having 2 nos adjustable cams to activate the limit switches to control the boom travel.

The barrier "parking logic" control panel is mounted within the barrier cabinet behind a removable/lockable panel and provides the necessary power supply isolator, fuses, thermal overload trips and motor contactors. Control voltage S.E.L.V. 24V.

The hinged/removable and lockable steel top cover provides easy access to the Drive Mechanism. The all steel constructed 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 (RAL 1007) textured polyester powder coated top coat, 40 microns - approx wt from 105kg.

An integral support is provided to maintain the boom in the horizontal position, but an adjustable spring loaded end steady can be supplied if required.

It is recommended that the barrier is secured to the foundation using 4 nos M12 x 160mm chemical anchors. The installation of ducts for cabling is dependant upon the control criteria.

The Avon Barrier Company reserve the right to change or amend the specification of its products from time to time in furtherance of its policy of continued product improvements.

Agents Stamp