



Access Technology Ireland

Integrated Security Solutions:

Traffic Barriers – Model TSM 5M

Set to become the industry standard, the Servo Motor Barrier has been specifically designed to overcome the shortcomings of most currently available equipment.

A fast, strong, thoroughly developed barrier, packed with features making this the most versatile, cost effective, high quality barrier system available.

Utilising the latest servo motor technology for ultra reliability, it is designed as a standardised unit incorporating real flexibility of configuration.

The Servo Motor Barrier fulfils the majority of barrier requirements without compromising on performance or the need for specially ordered options and configurations.



• Networked Access Control Solutions.

• Card / Code Access Systems.

• I.D. Badge Systems.

• Traffic Barriers.

• Coin / Token Car Parking.

• Turnstiles.

Key Features

- Up to 6m spans – suits most applications.
- Sinusoidal link arm mechanism provides deceleration of arm at each travel limit; minimises wear, noise and vibration.
- Continuously rated – no limit on number of operations per hour – can handle the highest throughput site.
- Continuously driven motor, provides arm locking and integral heat source for low temperature operations.
- Requires only a single phase.
- Ease of maintenance – minimum time / cost.
- Ultra-reliability – absolute minimum downtime (based on testing over 3 years, to over 5.5 million operations - relates to 5000 operations per barrier per day for 3 years).
- Complete choice of control; local or remote pushbutton, card access, vehicle ID systems, remote transmitter units, keyswitch, programmable timelock etc.

• Gate Automation.

• Automatic Door Operators.



• Electric Locking.

• C.C.T.V.

• Intercom Systems.

design, installation and commissioning of integrated security systems.

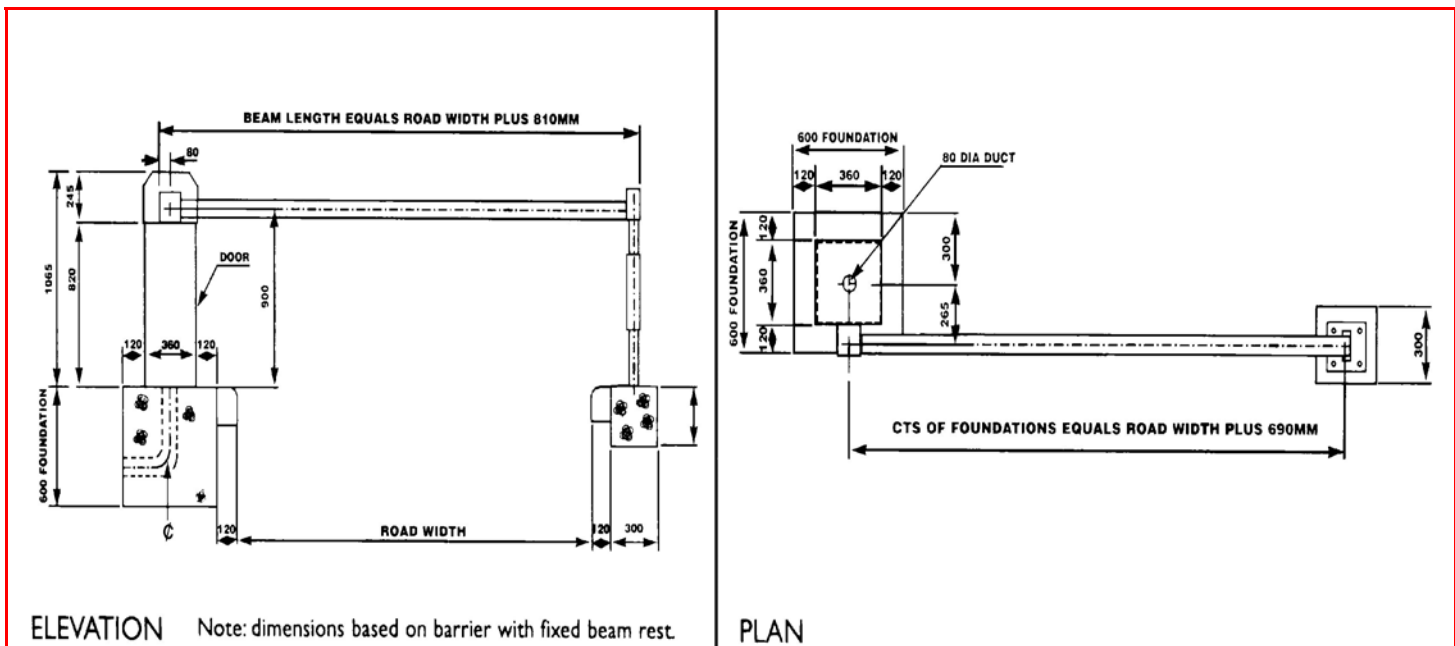
General Specification

- Continuously welded 2 mm steel housing for strength with angled profile top cover. Complements other **Ati** barrier units for use on the same site.
- Shot blast, etch primed and powder coated for maximum protection.
- Standard colour 04.E53 – other colours from RAL range available to clients choice.
- Access door key locked for security, can be fitted any side.
- Removable top cover – for ease of maintenance.
- Mounting fixings concealed with access only by key for security.
- 240v ac operation requires 5 amp single phase.
- 76 mm dia, 2 mm wall thickness high-grade aluminium round section arm – strong and visible.
- Coated white with red reflective stripes – for excellent protection and visibility.
- Only 4 second operation with 6m arm, or 3 seconds with 4 m arm.
- Full 90 degree arm movement for maximum clearance.
- Adjustable for right or left handed operation.
- Control equipment mounted on removable, drop-down panel and by plug-in modules for ease of maintenance.
- Integral mains isolator.

Options and Accessories

- Boom mounted lights, stop / no entry signs, for maximum security.
- Induction loop or infra-red safety, auto close and free entry / exit.
- Beam skirts to deter pedestrian access.
- Articulated arm for height restricted access.
- Fixed beam rest or beam mounted rest for maximum road clearance.
- Arm shear bolt system and indication of arm knock off to reduce potential vehicle impact damage.

Technical Specification



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