



# Access Technology Ireland

## Integrated Security Solutions:

### • Turnstiles – Model PFH

The PFH full height turnstile range provides easy to use, rugged and reliable security pedestrian control for a wide range of commercial and industrial applications.

PFH turnstiles are available in a range of configurations, materials and finishes to match a wide variety of security levels, operational and aesthetic requirements. Finishes include high quality polyester powder coatings in a wide range of colours and several grades of stainless steel. All components are designed to withstand the harshest external environments. A programmable solid state control unit interfaces to all available access control and membership systems.

Where absolute control of pedestrian traffic is paramount a full height turnstile is a must and the PFH is unmatched.



- Networked Access Control Solutions.
- Card / Code Access Systems.
- I.D. Badge Systems.
- Traffic Barriers.
- Coin / Token Car Parking.
- Turnstiles.

## Key Features

- Continuously welded, rugged design, effective for unsupervised operation.
- Reliability proven in football stadia, military sites etc. over long periods with minimum maintenance.
- Available in 120 degree (three arm), 90 degree (four arm), straight or 'trombone' arms, solid rotor, and single or double configurations for all applications to the highest security.
- Environmental finishes suitable for the most demanding environment.
- Bi-directional electrical operation with rotor movement damped and controlled for user safety and convenience.
- Programmable control unit allows use with all access control systems while factory default settings ensure extremely simple 'connect and operate' installation.
- Key operated overrides allow operation during power failure, manual control and diagnostics.

- Gate Automation.
- Automatic Door Operators.
- Electric Locking.
- C.C.T.V.
- Intercom Systems.



*design, installation and commissioning of integrated security systems.*

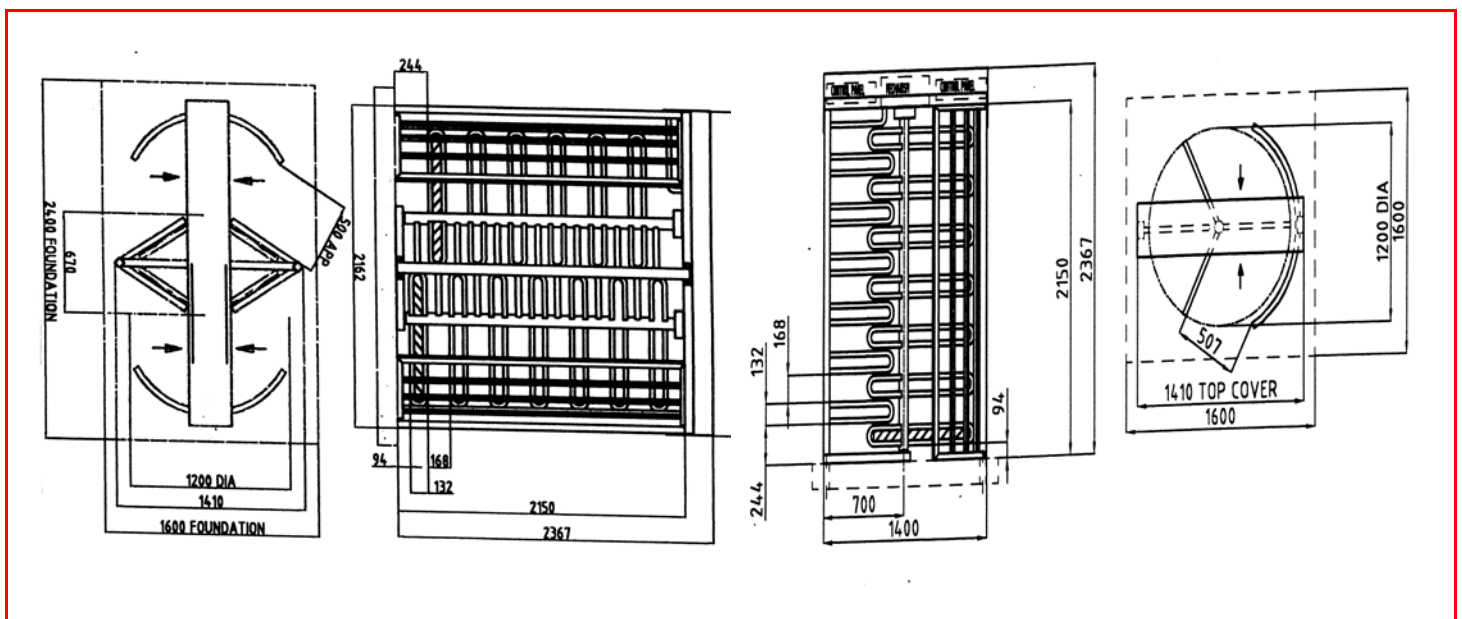
# General Specification

- **HEAD MECHANISM.**
- Heavy duty mechanism with continuously rated solenoids; designed for high use and long periods of non-use.
- Electronic position sensing; no wear or maintenance.
- Non-return mechanism prevents unauthorised access with rotor both moving and at rest.
- Less than 5 degrees play at rotor tip ensues no pedestrian passage while locked.
- **FRAME and ROTOR.**
- High quality heavy channels, flat and rolled hollow section (RHS) low carbon mild steel.
- All welds continuous providing high integrity, highly rigid structure.
- All personnel passage surfaces dressed and smoothed for ease of passage.
- Standard max. vertical gap; 188mm between rotor arms and 244mm between the lowest static arm and ground level.
- Straight arms of 38mm dia. Steel tube with polypropylene black end caps. 'Trombone' arms of 32mm dia. Steel tube with steel in-fill on lowest arm to provide 'heel guards'.
- High quality powder finishes, minimum 75 microns DFT over 'Kepros' long-life anti-corrosion treatment.
- Triple sealed, heavy duty bearings with marine grade lubricant for long reliable life.
- Rubber coupling of rotor to mechanism minimises vibration and noise.
- **CONTROL SYSTEM.**
- Modular, programmable, solid state, plug-in control unit on IP55 enclosure; easily changed for maintenance. Built-in cumulative counter.
- All available access etc. systems accommodated using plug-in programmer to change factory-set defaults for delays, time out, etc.
- Standard operating range; -10 to +45 degrees centigrade.
- Mechanical key override for both directions to allow for power failure. Electrical key override (access isolate / test) to aid installation and diagnostics.
- Transformer isolated 220 / 240v, 50 / 60 Hz supply, taking a maximum of 3 amps.

# Options and Accessories

- Integral brackets for all available access card readers to simplify installation.
- Integral red / green indicator lights and / or 'way mode' indicators (red cross / green arrow).
- Canopy and lighting for external use.
- Stainless steel rotors.
- A range of voltages / frequencies for different countries.
- Factory fitted free entry / exit push buttons.

# Technical Specification



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