

# Automatic Bi-Folding Trackless Speed Gate Doors



Bi-Folding trackless speed gates are designed for applications where speed is imperative. These gates are favoured for use at police, fire and ambulance stations, due to their fast action opening times. Also these gates are ideal for applications where security is of paramount.

The bi-folding trackless speed gates typically open at more than twice the speed of a traditional swing gate of the same size. This is due to the powerful drive unit.

Also another advantage is like normal sliding gates where space is a necessity, these gates do not require sliding space due to the method they open and close.

## Benefits

- Fast opening and closing operation where security is a premium
- Ideal where space is limited for sliding gates
- Aesthetically pleasing
- BS/EN 12453 Compliant

# Automatic Bi-Folding Trackless Speed Gate Specification



The Automatic Bi-Folding Trackless Swing gate utilises a PLC controlled, inverter driven, 3 phase motor, worm and wheel gearbox with a direct-drive shaft connected to the gate leaf, which ensures a smooth and positive movement.

The gates are manufactured using a H section RHS steel frame and CHS tubular steel infills. A wide range of alternate infills are available to suit customers requirements and to match adjoining fencing design. Also available are spiked tops, warning lights and sirens if required.

The gates are supplied with a control cabinet which houses the PLC control panel. All gates are CE approved.

## Dimensions

**Single unit**                      Max width 3.5m  
    Max height 3.0m

**Bi-parting**                      Max width 7.0m  
    Max height 3.0m

**Power Requirement**        Single phase 240Volt 50Hz 10 amp

**Drive Motor**                    3 phase motor and wormed gearbox

**Maximum Span**                7 Metres drive through (8 Metres overall)

**Maximum Height**            3.0 Metres

**Operation Time**              3 - 6 seconds (dependant on version), 100% duty cycle

**Finish**                             Zinc plated and polyester powder coated

**Access Control**                ■ Keypad  
    ■ Proximity cards  
    ■ Voice/video intercom access  
    ■ Token acceptors  
    ■ Remote control fobs  
    ■ Key switch

The company reserves the right to change specification without notice.