



Bi-Folding Gates



Outline Specification: Bifolding Gates, Speedgates, Speedlane, all known as the same unit – Bifolding Gates.

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|-----------------------|--|
| Maximum Height | 6000mm. Bespoke Gates available |
| Maximum Width | 8000mm. Bespoke Gates available |
| Construction | Posts: Rolled Hollow Sections (RHS) Top section H beam or steel section clad with Zintec sheet Gateleaf frames: 100mm x 200mm RHS Hinges are size-dependent, minimum 25mm stainless steel with sealed oil filled bearings. Gate infill minimum 25 x 25 mm, size-dependent. |
| Finish | Shotblasted to clean metal, hot-dipped galvanised or coated with 100 microns of zinc. A special 3-part coating system with polyurethane top coat - typical first time maintenance of 20 years. |
| Safety | Gates supplied with failsafe protection on leading edges. Additional safety such as photocells, interactive IR detectors or magnetic loops can be provided. |
| Drive Unit | Underground hydraulic or top mounted electro-mechanical |
| Operating Speeds | Drive dependent: 300mm/sec to 1200mm/sec |
| Controls | Microprocessor controlled drive unit which can interface to any standard control system, i.e. card reader etc. |
| Power | 3 phase 15 A 400 V +/- 10% or 1 phase 10 A 220 V +/- 10%, both 50/60 Hz |
| Operating temperature | -25 to +55 degrees Centigrade |
| Mechanical Life | (MCBF) 1 x 10 ⁶ |
| Fixing | Size dependent, full fixing details available |

Notes:



Bi-Folding Gates

Technical Specification & Notes:





Optional Features

Switch & Timer Operation

Push button, Desktop Switch, Keyswitch, & 24hr timer for automatic mode operation.



ANPR – Automatic Numberplate Recognition & AVR Automatic Vehicle Recognition

Allows automatic operation by checking the registration plate against a known safe list, or a unique tag mounted in/on the vehicle, if verified then access is granted.

Intercom Control

Audio, Video & Audio, GSM Intercom operated over a mobile phone SIM card.



Safety/ Opening Loop

Underground loops can be installed for vehicle presence detection, safety, opening/rise, close/lower, switching, alarms, counting of vehicles entering and leaving the site.

Access Control Integration

Keypads, Magnetic Swipe Card, Barcodes, Proximity Card, Photo ID, RFID & Radio Remote Control Technology, Biometric Controls, can all operate the system.



UPS – Battery Backup Facility

Battery back-up facility to operate the system in the event of a power fail and provides a level of mains power filtering.



Traffic Light Control

LED traffic lights and information signs, full & spaces, stop & go and bespoke directional signs etc.



Photocell Safety/ Opening Sensors

Photocell detectors providing opening/rise, close/lower, Switching & alarms etc.



Token Operation

Simple token operation with slotted token, can be customised with your organisations logo or name.

