



Bi-Folding Gates



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

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.

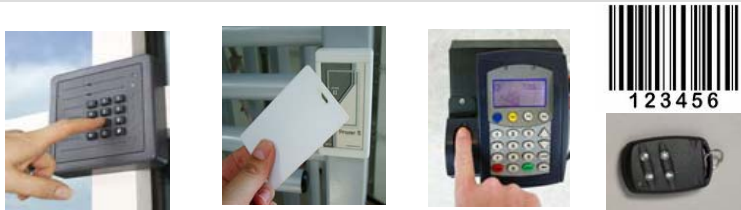


Safety/Opening Loop

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.

