

# eds Automatic Rising Pop Up Gates



## Outline Specification: EDSUK Automatic Rising Pop Up Gates

Dimensions	Subject to Customer Requirements Minimum of 1mtr High Maximum of 5mtrs High. Width Minimum of 1mtr Maximum of 10mtrs.
Construction	Mild Steel (with galvanising or Powdercoating Finish), Stainless Steel or Wooden Gates. Options of Steel frame with Timber Cladding to Suit Individual requirements. All gates are bespoke and custom designed to suit each application.
Safety	Supplied with safety protection. Additional safety such as photocells, interactive IR detectors or magnetic loops can also be provided.
Drive Unit	Underground hydraulic.
Operating Speeds	Rising & Lowering Speeds Approximately 15-20 seconds.
Controls	Microprocessor controlled drive unit which can interface to any standard control system, i.e. push button, remote keyfob, keypad, card reader etc.
Power	Single Phase 230vac (UK) Supply both 50/60 Hz, 13amps supply.

EDSUK Automatic Rising Popup Gates, ideal for areas where either swinging gates, sliding gates, bifolding gates can't be installed due to the limited surrounding area available, such as built-up City Centre locations, where there is generally very limited room for automatic gates and usually only enough room for one or two cars.

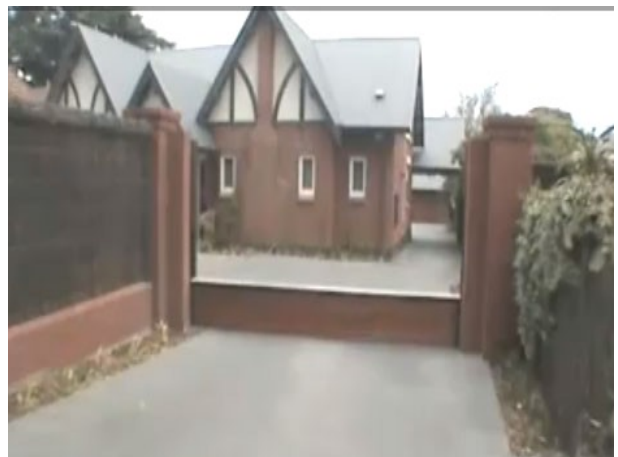
EDSUK Automatic Rising Popup Gates designed to protect homes and business and can be fully customised for the residential or commercial property markets. The running gear is hidden and built into the posts or brick pillars, separate posts can also be installed to accommodate the drive gear and most designs can be incorporated, as each gate is custom designed and built.

The gate travels smoothly in the raise or lower positions. In event of power failure a manual override is provided by means a specially designed Tool (supplied) to lower the gate. Designed to be a fully automatic conforming to the current safety regulations, installed and tested by EDSUK, a guarantee of long lasting higher reliability.

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## Technical Specification & Notes:

Below is a typical example of an EDSUK Automatic Rising PopUp Gates, built with a steel frame and infilled with an Idigbo Hardwood Timber and stained to blend in with the house.  
Gates can be customised to suit each individual site.

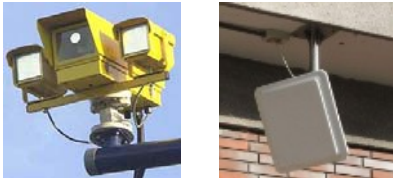


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## Optional Features

### 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.

