



Premier Gate Automation

Sliding vs Swing Gates – A Practical Guide to Choosing the Right Electric Gate System

Sliding and swing gates are the two most common types of electric gate systems. Each has advantages depending on site layout, usage requirements, aesthetics and budget.

This guide explains the differences between sliding and swing gates, when each is typically specified and the key considerations when choosing a system.

Executive Summary

The right choice depends on driveway depth, ground conditions, frequency of use, safety considerations and aesthetic preference. Professional design and site assessment are essential.

What Are Sliding Gates?

- Commercial and industrial sites
- Logistics centres and warehouses
- Large residential estates
- Sites with limited driveway depth

Advantages of Sliding Gates

- Suitable for high usage
- No swing clearance required
- Covers wide entrances
- Strong security characteristics
- High-duty automation

Considerations for Sliding Gates

- Structural posts and foundations
- Groundworks and drainage
- Track or cantilever structures
- Clear side run-back space

What Are Swing Gates?

Swing gates operate on hinges and are commonly specified for residential driveways and architectural entrances.

Advantages of Swing Gates

- Strong visual appeal
- Steel, aluminium or timber options
- Decorative bespoke designs
- Simpler civil works
- Flexible pedestrian integration

Considerations for Swing Gates

- Adequate opening space
- Strong supporting posts
- Wind loading considerations
- Correct hinge selection

Specialist Gate Configurations

- Bi-folding gates
- Cantilever sliding gates
- Round-the-corner and telescopic gates

Key Factors

- Space and layout
- Ground conditions
- Usage frequency
- Aesthetics
- Safety and compliance

Automation

- Remote controls
- Keypads
- GSM and smartphone access
- Audio/video intercoms
- ANPR

Pedestrian Access

- Dedicated pedestrian gates
- Intercom entrances
- Parcel solutions
- Timed access

Maintenance

- Mechanical inspection
- Safety testing
- Automation checks
- Structural inspections
- Compliance records

How Premier Gate Automation Helps

Premier Gate Automation designs, fabricates and installs bespoke sliding and swing gate systems across Essex, London and the Home Counties using an engineering-led approach.

Speak to Our Team

Visit www.premiergate.co.uk for expert advice on selecting the right gate system.