

SWIFTECH A

Fast Folding Speed Gate

for outdoor applications

SWIFTECH range of heavy-duty electro-mechanical speed gates operates optimally where a conventional swing gate or sliding gate has limited space. Excellent reliability and fast opening and closing time of the SWIFTECH make it ideal for multi-story car parks and other high security applications



AVAILABLE CONFIGURATIONS

- SWIFTECH A – Top driven speed gate 3 – 6m wide
- SWIFTECH A – Bottom driven speed gate 3 – 6m wide

Typical areas of application include:

Leisure & Entertainment | Industrial Sites | Government Sites | Mining | Stadia | Transport & Logistics | Military | Education | Construction Sites | Secured Compounds | Multi-story Car Parks

Alltech Vehicle Barriers & Turnstiles Solutions also feature:

Boom and Spike Barriers | Bollards | Fast Folding Gates | Road and Rated Wedge Blockers | Half Height Turnstiles | Tripod Turnstiles | Revolving Doors | Security Booths | Special Needs Access Gates

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ELECTRICAL DATA & CONDITIONS OF USE

POWER	<ul style="list-style-type: none"> Power Supply: 220Vac 50Hz Power Consumption: 1.5Kw
LOGIC / SOLENOID VOLTAGE	<ul style="list-style-type: none"> 24VDC
OPERATING TEMPERATURES	<ul style="list-style-type: none"> -10°C to +55°C RH 95% no condensing
EMC COMPLIANCE	<ul style="list-style-type: none"> According to CE

SYSTEMS INTEGRATION & ACCESS SPECIFICATIONS

LOGIC	<ul style="list-style-type: none"> SG400 PLC logic control
SYSTEMS INTEGRATION	<ul style="list-style-type: none"> Integrates with any access control and time & attendance systems with 0 voltage input 0V inputs provided for entry and exit directions of passage 0V latching input provided for control of both simultaneous and individual entry and exit direction Mechanical key switch override for locking / unlocking each direction of passage
FLOW RATES <i>Guideline only dependent on access control installation</i>	<ul style="list-style-type: none"> Insertion Type Reader: 12 passages / mn Swipe Type Reader: 14 passages / mn Proximity Type Reader: 15 passages / mn
SPEED OF OPERATION	<ul style="list-style-type: none"> Opening 4.0s – 5.0s (dependent on width) Closing 4.0s – 5.0s (dependent on width)
EMERGENCY EGRESS	<ul style="list-style-type: none"> In the event of power failure or fire alarm, the SWIFTECH may be configured to fail-lock i.e. rotor locks in current position. Manual over-ride option in the event of power failure.

INSTALLATION & MAINTENANCE

PRODUCT DELIVERY	<ul style="list-style-type: none"> Un-assembled
SITE PREPARATION	<ul style="list-style-type: none"> Flat and leveled finished floor +/- 5mm Install 50mm conduit between post for power and control cables
CABLING & CONDUITS	<ul style="list-style-type: none"> Trough the ground
LOGIC ACCESS	<ul style="list-style-type: none"> Housed in side posts of gate
MAINTENANCE ACCESS	<ul style="list-style-type: none"> Posts of gate
MTTR <i>Mean Time To Repair</i>	<ul style="list-style-type: none"> Approx. 1hr
MCFB <i>Mean Cycle Between Failure</i>	<ul style="list-style-type: none"> 5 million

MECHANICAL AND DESIGN OPTIONS

LOGIC CONTROL OPTIONS	<ul style="list-style-type: none"> SG400 PLC logic control in posts Selector switch over-ride Mechanically controlled uni-directional via key override
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LOCKING	<ul style="list-style-type: none"> Fail-lock* auto-lock in the event of a power failure In the event of power failure or fire alarm, the SWIFTECH may be configured to fail-lock i.e. rotor locks in current position. Manual over-ride option in the event of power failure. 	
CONTROL BOARD	<ul style="list-style-type: none"> Mounted inside posts 	
DESIGN OPTIONS	<ul style="list-style-type: none"> Auto-stop electric break Standard Mild Steel Leaf: Solid panel or bars 	<ul style="list-style-type: none"> Bottom driven – has track/guide on surface (no height restrictions apply) Top driven – has track/guide at top of gate (height restrictions apply)
FINISH OPTIONS	<ul style="list-style-type: none"> Mild steel painted to standard RAL 5008 - Charcoal Blue. Other choice of colour available on request Not recommended for corrosive environment applications 	
SAFETY & OPERATING ACCESSORIES	<ul style="list-style-type: none"> Loop detector IR safety beam transmitter and receiver/reflector Key-fob transmitter (one-or three-button) and receiver 	<ul style="list-style-type: none"> Single / dual push button (supplied mounted or non-mounted)
ACCESSORIES	<ul style="list-style-type: none"> Access control reader mounting brackets Car Gooseneck options 	<ul style="list-style-type: none"> Dual car/truck gooseneck options Gravity fed card drop box

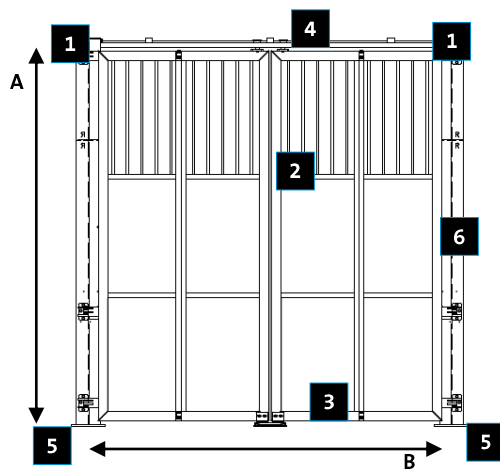
PRODUCT OVERVIEW

INDEX KEY

- 1** Gate Post
- 2** Mild steel painted leaf in solid panel or bars
- 3** Bottom driven track
- 4** Top driven track
- 5** Wiring entry points
- 6** Access control reader mounting position

DIMENSIONS & WEIGHT

A: OVERALL HEIGHT	4000mm
B: BLOCKING WIDTH	3000mm / 4000mm / 5000mm / 6000mm
POST DIMENSIONS	W 250mm x L 250mm x H 4000mm
NET WEIGHT	130kg per post and leaf (dependent on size)



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ALLTECH RELIABILITY

Picking the optimum entrance control solution is a process based on close cooperation with our customers – all the way from **needs analysis**, **production**, to **implementation** and **service**

From Analysis to Proposal

- Needs analysis forms the basis of a tailored proposal
- Specified both for the overall solution and for individual areas of the site
- Fully compliant with all local regulations

Installation, Testing, Training

- Monitoring and implementing every installation
- Finishing up with a programme of functional reliability checks to ensure the equipment is safe
- Documenting each and every stage of the installation process
- Moving to the start-up phase whilst focusing on training of relevant staff categories

Operation and Maintenance

- Initiating procedures for operation and maintenance
- Offering adequate Maintenance Plans or Service Level Agreements

With Alltech, a brand of the Gunnebo Security Group, now a safe and reliable entrance control system is being ready for round-the-clock use.



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