



A multidisciplined, British engineering firm who design, install and maintain specialist systems



## AUTOMATED DOOR & ENTRY SYSTEMS



*JLC Group supply, install, service and maintain a large range of automated doors and door automation systems for airports, national infrastructures, pleasure parks, commercial buildings and private accommodation.*

### Key features

- Single or Double leaf options
- Sliding Doors have fastest opening speed on the market
- Fire alarm connection available
- BS EN 16005 Compliant. The European Standard code of practice for safety in use of automatic doors for pedestrian use.
- Equality Act 2010 Compliant automatic door systems for wheelchair access
- Slow action / delayed closing door mechanisms
- Outward opening doors for accessible toilets

Our aim is to ensure that leading edge technology helps us deliver the best solutions to a wide range of sectors. We source our high quality products from suppliers around the globe, giving us the flexibility to ensure the perfect solution for your automated doors.

We can provide a range of services that can help your business become DDA compliant. Door Closers with a delayed action feature can be set to slow the closing cycle or hold the door in the open position for a pre-set period of time. This can allow extra time for passage through the doorway. Delayed action door closers are ideal for a wide range of applications.



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Doors opening outwards to enable access for all can be installed at toilet entry points. Push pads can be installed to enable ease of access. They are suitable for a variety of disabled users as they are touch sensitive. Safety sensors ensure automatic doors cannot open or close if obstructed and all automatic door operators can be fitted with a fail-safe system that automatically opens or closes the door in the event of a power failure. They can also be pushed out manually to facilitate an emergency escape if required.



## CASE STUDY: Installation of High Speed Doors at London City Airport fire station

### Project Scope

Original scope was to supply replacement service bay doors, that raised quickly, had a manual chain override and the highest wind rating available. The scope was developed by London City Airport Engineering in partnership with JLC Group Ltd.

### The specification

JLC Group quoted to supply 4 x 'Turbo Fold High Speed Doors', with low level chain drive manual override and to a wind rating of 5.

- All doors raise on remote crash alarm, initiated by the Terminal Operations, Airfield Operations. As the alarm come into the fire station it automatically triggers all four doors to raise.
- All doors raise on crash system buttons located within the fire station.
- All doors raise, one touch on each control panel individually.
- All doors lower, one touch on each control panel individually.
- All doors have a manual override and local low level chain drive.
- All doors installed by fully certified JLC installations engineers to manufacturers guidelines.
- All doors are wind rated 5 the highest.

### Bespoke features

JLC Installed additional rubber foam seal to the inside of all doors to eliminate excessive noise created during wind weathering, and also installed a weather brush strip externally to full height of structural opening to provide additional weather seal. Both these resolves do not come as part the standard package from the supplier/manufacture or as an option but engineered by JLC to provide additional quality of installation.

### Management & Aftercare

JLC provided full management of the works involved including fitting the doors, adhering to Health and Safety with Covid-19 processes, and all logistics including organising airside vehicles permits and the plant required.



### JLC Service & Maintenance Contracts

Service and maintenance contracts are available to ensure smooth operation of equipment and to reduce overheads

Please call or email us at **+44 (0)800 170 1515 / sales@jlc-group.co.uk**  
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