



FULLY GLAZED DOORS



FAST SPEED DOOR



BARRIERS

Doors & Loading Systems FZC **PRODUCT CATALOGUE**

Contents

Introduction.....	3
Industrial Doors.....	4
Sectional Overhead Doors.....	4
Fully Gazed Doors.....	5
Vertical Fold Up Doors.....	6
Fast Speed Doors.....	7
Rolling Shutters.....	8
Fire Shutters.....	9
Fire & Smoke Rated Curtains.....	10
Flexiwall Partitions.....	11
Panorama & Special Applications Doors.....	12
Rapid Doors.....	13
Self Repairable.....	13
Fold Up.....	14
Side Sliding Doors.....	15
Docking Systems.....	16
Dock Doors.....	16
Dock Levellers.....	17
Dock Shelters.....	19
Automation.....	21
Sliding.....	21
Swing.....	22
Barriers.....	23
Gallery.....	24

Your Solution Provider

Each business has its own specific challenges & needs. All industrial operations, big or small, have some common, basic demands on products installed in and around the door opening each business has its own specific challenges and needs. They should be safe, efficient, reliable and provide security.



Different needs !

A small workshop with a limited number of door opening cycles can do with a manual door – perhaps with a built-in pedestrian door to facilitate such access.

A large, Logistics Centre operator requires complete, centrally controlled dock loading systems, where doors, levellers and shelters are integrated, providing a vital function in the intensive logistic flow. Demands on customer-designed solutions require a supplier able to provide the same products, repair and maintenance capacity

Once installed, the products must provide reliable and trouble-free performance under all circumstances. Should a break-down occur, e.g. after a collision, a repair service must be available.

Unlimited possibilities

Production methods with an intense flow

of goods, need high speed doors or High demands on truck bed utilization often require a dock leveller.

Operations in particularly harsh conditions, or where very large door openings are in use, may require doors in special materials.

DLS can offer you a full product portfolio and almost unlimited solutions provided by trained experts!

Continuous product development

Although our Product Catalogue is regularly updated, new products are constantly being introduced.

Please contact us for the latest information, or visit euromaligroup.co.uk

Welcome to DLS – your solution provider in and around the door opening.

Steel or Aluminium Insulated Doors- Sectional Overhead Doors

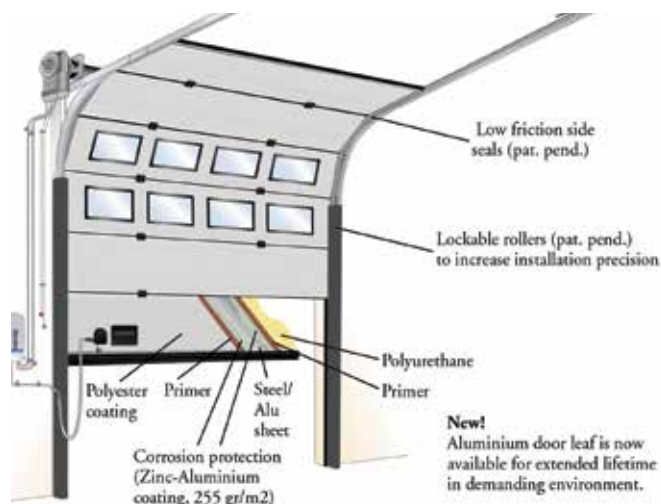


The sectional overhead doors are designed to be used in applications like warehouses, logistics centers and all kinds of production plants. The design is optimal for customers who need robust, well-insulated and space-saving doors in the outer walls of industrial premises. The sectional door slides up under the roof when opened, allowing free space around the door opening and leaving it completely free.

A high quality, 40 mm thick, sandwich panel provides good insulation values and corrosion protection. This, together with a number of operational options, means that our door meets practically every individual demand. In addition, our doors are designed to meet the highest of the CE standards.

Modern panel design

The sandwich panel has a microrilled



design, stuccofinished or flat plain surface, which in combination with a glossy colour finish gives the door a modern, attractive and unique appearance.

Glazing - Optional

Glazing alternatives vary from full-vision panels to individual windows in a rectangular or oval shape. The windows are available in acrylic or polycarbonate.

Fixed sections

Door openings are often changed to comply with new demands. Unnecessarily large door openings can advantageously be filled with fixed sandwich panels. The erected fixed sections are excellent for the positioning of fixed pass-doors.

Technical data	
Max size (W x H) ¹	10800 x 6000
Panel thickness	40 mm
Colour outside	RAL 9010
Colour inside	RAL 9002
Windows	
Pass-door	
Access & Automation, optional	
Wind load, EN4242 12 Class 3 Class 2	< 4250 x 4500 > 4250 x 4500
Thermal transmittance ³ ,	U value 55° W/M ² * K Rc value 1.6m ² K/W Rw value 256B
Water penetration,	class 2
Air permeability	class 2
10 other sizes on request 2 Higher wind load classification on request	

Fully Glazed Doors



A Robust, reliable and durable aluminium overhead door with a range of options. Each door is designed and made completely to your individual requirement. This door reflects the styling of your building. To give your overhead door an individual style, you can combine a wide range of glazed & insulated panels.

Durable, transparent and attractive

Aluminium overhead doors are even more durable thanks to the use of high-quality materials. By using transparent fillings in the design, the overhead door allows the maximum amount of light to enter the

building. It gives the overhead door an attractive appearance and makes it extremely suitable for use where appearance is important such as in showrooms, firestations and ambulance-stations.

In addition, the transparent fillings increase the amount of light that enters the building. As a result, additional artificial light is often unnecessary.

All our overhead doors are CE approved. Doors are supplied as standard with finger protection. The finger protection prevents the fingers getting caught between the panels when shutting the door.



Vertical Fold Up Doors



The Cube is a suitable solution for complex situations. This solution is used for situations where there is little or no space for the traditional track system. This is because the sections of the Cube folds into a limited space above the door opening.

The Cube stacking door can be used in among others the following situations:

- Limited space behind the door
- When crane tracks need to extend to immediately behind the door
- In garages with inspection ramps immediately behind the doors

- If you want to use the maximum height of the building for, instance, racks.

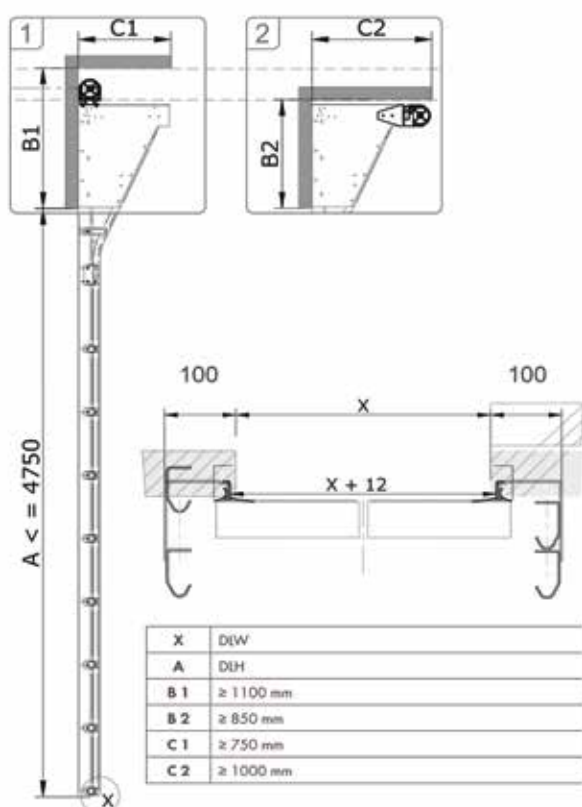
Always an even number of sections:

The stacking door is supplied with aluminum sections. The Cube always has an even number of sections where a pair (2 sections) always have the same height (maximum 650 mm). For each two section, one section always has the hinges on the outside. The spring system is always pre-mounted on a box section that can be quickly and simply installed.

The doors are always electrically operated.

Extensively tested:

The Pro-Line Cube stacking door has been extensively tested and is made from high-quality materials.



Fast Speed Door - Sprint

The requirement concerning energy efficiency is becoming of increasing importance. The Sprint is specifically designed as a fast overhead door. Reducing the time the door is open makes it possible to achieve major energy savings, and provides a cleaner, dust-free environment. The Sprint is perfectly suited for installation in outside walls. The Sprint is supplied in two Versions, Fully Glazed or with Steel Sandwich Panels.

Sprint - Insulated Door Panel:

- This version is built from steel sandwich panels in standard RAL 9002.
- The panels are 366 mm high and are embossed on the outside without lining.
- The inside is smooth and is lined.
- The panels can be supplied painted in a RAL colour at a surcharge.

Sprint - Fully Glazed Panel:

- This version is built from anodized aluminum sections.
- The sections are a maximum 370 mm high.
- Various fillings are possible.
- The sections can be supplied coated in a RAL colour at a surcharge.

Sprint Characteristics

The opening speed of the Sprint is up to 5 times faster than a standard electrically



operated overhead door. Various factors have been implemented to ensure that at these speeds the Sprint can be used safely and reliably.

The typical characteristics of the S40 and A40 Sprint are:

- Opening speed 1000 mm per second.
- Section height of a maximum 370 mm ensuring the Sprint negotiates the bend with very little resistance
- Double tandem rollers for stability & a long life
- Always fitted with a solid 4/1 1" shaft
- High-quality bearings
- Special tube support system for maximum stability
- Springs standard 50,000 cycles
- Frequency-controlled drive with soft start & soft stop
- Specially amended control unit
- Light curtain for optimum safety
- Available with three guide systems: -
Normal system - High lift - Vertical lift

Application:

The sprint has been specifically developed for installation in outside walls to replace the combination overhead door / high-speed doors.

Rolling Shutters – **Insulated or Non Insulated.**



Curtains - Constructed from 0.9m thick x 76mm curved steel scroll laths interlocked with nylon endlocks and galvanised T section bottom rail.

Barrel - Manufactured from mild steel tube, tube size varies based on the overall width and height of the curtain and the gauge of laths. The tube wall thickness varies dependant on the width of the shutter, the barrels are mounted on bright steel shafts varying from 25mm to 50mm dependant on the overall size of the shutter, the shafts have support bearings (30mm / 40mm) external to each endplate.

Seals - Brush Seals to Head and Guides, Rubber to Bottom Rail

Guides - Constructed from 65mm straight channel galvanised guide mounted on 75mm x 50mm mild steel angle, wind guides may be required dependant on the size of the door.

Hood - Formed from 20swg steel available at an additional cost.



Endplates - 6mm thick mild steel to take the weight of the shutter and barrel.

Operation by heavy duty 3 ph direct drive motor pre wired with push button as standard.

The motors meet the new British & European standards for industrial and commercial doors, principally BS EN 2000 : 12604 mechanical aspects, and BS EN 2001 : 12453 safety in use of power operated doors.

The additional safety brake incorporated in the motor satisfies the required characteristics of the anti fall back device.

Finishes the curtain and guides are galvanised, angles, barrel and end plates are painted in a zinc rich primer.

A paint finish using a polyester powder coating system is available at additional cost, the colour to a BS or RAL number subject to availability.

Fire Shutters



Barrel Assembly – Constructed from steel tube manufactured to BS EN 10219 on a steel shaft and mild steel bearing blocks each end incorporating high speed bearings. Tube and shaft sized according to opening size and door weight.

Curtain – Exterior and interior constructed from galvanised steel interlocking laths manufactured to BS EN 10346 with a protective zinc coating of 275g/m². Each section is minimum 85mm deep with triple ribbed face for increased rigidity. Each panel is terminated with a hardwearing steel end locks. Skins are 0.7mm thick (20 swg). Bottom of curtain incorporates a special galvanised rolled section.

Thermal Insulation Value – The shutter curtain is insulated for thermal and acoustic performance using a rockwool infill.

End Plates – Formed from minimum 6mm thick mild steel plate to support the barrel and take the weight of the shutters.

Guides – Constructed from minimum 84mm x 70mm x 3mm thick galvanised steel guide channels, assembly bolted to 100mm x 50mm x 6mm thick steel angle sections.

Hoods – 1.0mm thick pressed galvanised steel hood box manufactured to BS EN 10346 with a protective zinc coating of 275g/m² complete with reinforced brackets as required to suit the shutter width and fire resistance,

Operation – Via geared electric motor with integral controlled descent mechanism for connection in to the building alarm system with back up fusible link unit, rotary limits, emergency hand chain for raising the shutter and push button starter with open/stop/close controls requiring electrical supply of 415/400 volt, 3 phase, 50 hertz. Electrically operated products are CE marked.

Finish – Galvanised to BS EN 10346 with a protective hot dipped zinc coating of 275g/m² finished to a normal spangle, with one coat black primer paint on non-galvanised surfaces. A polyester powder coat paint finish is available at additional cost

Fire Resistance – Assessed for up to 4 hours fire resistance, integrity and stability to BS476 part 22 by Exova Warrington Fire, WF Assessment report No 349018.

Fire & Smoke Rated Curtains Upto 2 hours.



Fire curtains are manufactured and produced in accordance with the specification submitted by the Warrington Fire Research Establishment No 169805 and 168906 which relates to BS7346 Fire / Heat criteria.

Fire curtains are formed from a fire rated fabric 0.65mm thick, stitched and hemmed using Kevlar and stainless steel thread, the unique two section bottom rail allows smooth operation of the curtain.



Flexiwall Partitions

Flexiwall is a custom made fire rated PVC partition that can be easily designed to fit any size and shape of building. The system can also be fitted around existing pipes and ducting.

This adaptable design has been used for many applications including:

- Divide goods storage
- Retain a dust-free area
- Maintaining a temperature-controlled environment for sensitive goods
- Create an airlock enclosure to retain heat around loading bays-draught control
- Enable odour control between different product storage
- Segregation/dust/temperature control between packing area and warehouse
- Segregating production lines
- Preventing cross-contamination in hygiene-critical areas
- Creating temperatures-controlled areas for product
- And chemical
- Storage
- Preventing pest ingress into hygiene-critical areas
- Providing wash down curtains to stop overspray, enabling cleaning of one

production line whilst the other is still in use.

- Segregating storage and manufacturing facilities
- Separating dusty processes from storage and packaging areas
- Creating enclosures for protection around machines
- Create welding screens in fabrications area
- To control paint or other overspray
- Create a segregation between lines for allergen foods
- Retaining heat in oven areas to increase production
- Creating temperature-controlled areas for ingredient storage



Panorama & Special Application Doors



This door is designed for installation internally or externally. Simple free standing, modular design making for a fast and easy installation, depending on the size. The door design consists of a U-shaped column section finished with a rubber seal on each side to protect the curtain whilst operating.

The control board is supplied by a 415v supply. The curtain has horizontal bars fitted into pockets welded to the curtain to give up to a class 4 wind load, ideal for the more exposed locations. The curtain is raised and lowered by lifting belts and gathered at the top.



Features & Benefits

- Up to 0.3 m/s opening speed
- 3 ph control panels
- Wireless safety edge (optional)
- Canopy and motor cover included
- 900 g/m² curtain with 12 standard colours
- 1 row of vision as standard
- Twin curtains fixed either side of an internal frame
- Frame and all covers are galvanised as standard
- Ideal for large internal and external openings
- Self supporting modular design (optional)
- Proven reliable design
- Helps to reduce heat loss



Rapid Doors

Type: Self Repairable

When maximum operational efficiency is needed, together with the highest level of safety, Rapid Doors Reset is the most reliable high performance door. General very good seal level and highest operating speed, for energy saving and a better quality of the environment.

The tightness of the seal is secured by the side zippers running into self-lubricating polyzene guides; this minimizes infiltration of air, dust and draughts.

The very high speed of Fast Speed Door Reset drastically reduces the opening and closing cycle to keep constant temperatures and save energy cost. Soft and deformable curtain and bottom edge, without any rigid element, cannot hurt people nor damage fragile goods even in case of accidental impact.

Reopening in case of obstacles detection is always secured by SLE-Safety Linear Encoder which is the most accurate and sensitive safety device.

Self-reinserting function of the curtain after accidental crashes ensures continuous door operation and minimizes downtime; in case of curtain break-away caused by an accidental collision during the crossing of



the door, the system automatically resets the curtain and normal operation of the high performance door.

Max size

PL6000 x PH 5000mm

Steel frame

Standard supply in hot galvanized steel and available also in stainless steel AISI 304 or powder coated

Opening Speed

- Up to 3m/s with 230 V single phase with INVERTERmotion, with different and adjustable opening and closing speeds
- 1,0m/s with 400 V three-phase.

Wind load resistance

Up to class 2

Gear motor

K10 for very heavy duty; built-in

Control unit

Complete of membrane push buttons-open/partial opening/close/stop-with signaling led. SBS – step by step closing function in case of unexpected wind pressure

Flexible curtain

Standard colors (others upon request)



Type: Fold up

The Fold Up rapid folding doors are particularly versatile and safe. They are recommended in particular for medium and large-scale applications. Normal or extreme environment conditions are not a problem, both inside or outside applications, always at very low maintenance level.

The galvanized self-supporting steel frame is very compact and designed as built-in; it allows installations even in limited side spaces of the doorway ensuring at the same time higher protection and very good looks. The drive unit is integrated and protected avoiding usual bulky side motors, often directly exposed to the weather conditions.

Flexible curtain is equipped with robust horizontal reinforcements in steel or aluminum, which ensure high resistance to wind load pressure.

Special modular curtain offers interchangeable and widest transparent sections, the most suitable for higher brightness, visibility and safety. Very reliable operating systems 400V three-phase with single speed and basic settings. The extreme simplicity and rationality of components make sure that it will work in any condition and not requiring particular maintenance.

Safety is secured in any emergency situation to allow fast evacuation; even in case of power failure the user-friendly semi-automatic system connected to the counterweights guarantees the fast and safe re-opening of the door.

Another exclusive feature is the red handle available on both sides of the doorway allowing bi-directional evacuation.

Availability of emergency fully automatic or back-up power supply.

Max size

PL 6000 x PH 6000mm

Steel frame

Standard supply in hot galvanized steel and available also in powder coated



Opening speed

- Up to 1.3m/s with 230 V single Phase with INVERTERmotion with different and adjustable opening and closing speeds
- 1.0m/s with 400 V three-phase (0.7m/s > 4500 x PH 4500)

Wind load resistance

Up to class 2

Gear motor

K10 for very heavy duty; built-in

Control unit

Complete of membrane push button-open/partial opening/close/stop – with signaling led

Flexible full or modular curtain

Standard colors
(others upon request)



Euromatic Side Sliding Doors

General:

The door is made of horizontal panels and slides open horizontally in front or behind the façade. The door is parked at the front side or the rear side of the façade and clears the entire daylight opening.

Construction:

The frame is made of Hollow steel section. The sliding door consists of Aluminium or Steel (as required) panels with a CFC-free polyurethane core with a density of at least 50kg/m³, as desired integrated in an Aluminium or Steel sandwich construction or in a construction (partially) with glass panels or round cornered vision panels. The external face as well as the internal face are made of 0,5 mm profiled aluminium stucco plate. In order to obtain a solid bond between the polyurethane and the metal sheet, the metal sheet is first covered with a special primer. The sliding doors can be spray painted in any desired RAL colour.

Sealing:

Rubber seals are placed between the panels and alongside the frame of the door. Above the door a rain cover can be installed. Draught strips of a superior quality guarantee an excellent draught protection.



The door is at least 40mm thick. The sections have an insulation coefficient with a k-value of not more than 0,4 W/m²C. The profiles that guide the sliding door can be attached to the ceiling or the wall. The door can be supplied top as well as bottom rolling (depending to the Size of the Opening) and can be constructed out of one piece or as two parts of which one slides to the left and one to the right. The door is equipped with solid handles.

Adjustment:

The bearing rollers with which the sliding door can move, are adjustable in order to guarantee a smooth movement sideways over the whole width. Heavy bearing rollers and friction free guides allow the door to operate even very heavy doors manually.

Lock:

The door is standard locked with a flat bar at the interior of the door.

Operation:

Manual operation (solid handles)

Electric operation, can be switched to manual control.



Docking System- Dock Doors



Pro-Line SD40

Overhead doors are always used for dock levellers.

The large numbers of doors (for instance in distribution centres) and their extremely frequent use, place additionally high requirements on the quality of both the materials used and the operations of doors.

Our specially developed dock door is constructed in such a way that it can fulfill extreme requirements. Thanks to the well-thought through construction, the door is even less sensitive to wear than a standard overhead door.

Moreover, the dock door has a modular structure, so that maintenance takes less time. The technical construction of the dock door guarantees clearly lower construction

and maintenance costs.

Dock doors are only available in a 'vertical lift' or high lift' version. They are as standard designed with a box section construction to which the springs are attached. Of course, the cables are routed inside (obligatory to conform to the CE standard).

Our SD40 and SD80 dock doors can also be adapted to your individual wishes.



Docking System- Dock Levellers



The most accurate solution.

Simple, quick & functional. Without doubt, the Euromatic RH1 is the perfect solution for any loading bay. Its hydraulic tilting mechanism and folding lip enables the dock leveler to cover the gap & height between the loading bay & the truck, The Euromatic RH1 leveller has three parts:

A platform with an upper sheet of tear plate with thickness of 8/6 mm & a set of laminated profiles & protective side panels. A lip made of tear plate sheet with a thickness of 15/13 mm. The lip is folded and milled at the end, to fit onto the truck and to ease the passage of the forklifts.

And the inferior structure formed by laminated profiles upon which the platform & hydraulic assembly are installed.

Safety is an essential requirement for any professional. For this reason, all Euromatic levelers have diverse safety systems:

- An emergency stop activated by a section switch or zero voltage.
- An anti-fall safety valve inside the hydraulic cylinder.
- Fixed & mobile side panels that serve as a foot plate.
- Safety signals in form of stickers on moving parts.
- Safety bar to prevent the leveler from closing during maintenance work.





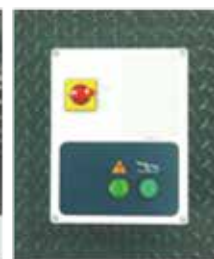
Hydraulic system.



Self-cleaning reinforced hinges.



Foot guard panels and safety stickers.



Control panel.

1. A construction system with self-cleaning flat hinges made with ST52- laser-cut steel for perfect alignment and resistance. In addition, it is designed to prevent the moving parts of the leveler from maladjustment due to grime.

2. The hydraulic equipment comprises: a 1.0 CV electric motor, hydraulic pump with flow rate of 5l/m and a 7 liter tank with oil level viewer, safety electro valve, elevation cylinder with a $\varnothing 30$ mm rod and hydraulic hoses.

3. All the shafts are protected from corrosion by a passivized, zinc electrolytic coating.

4. Centering system between lip and bay with nylon divider to ensure that the lip is always in the correct working position.

5. The whole control panel has been designed by Euromatic. For this reason,

it has different programmers for different manoeuvres.

6. One characteristic feature of the RH1 is that when lying on the truck base, it adapts to the raising and lowering of the truck caused by loading and unloading. Thanks to its lateral inclination.

7. The anti-fall safety valve in the hydraulic cylinder is designed so that it can be blocked, if the truck unexpectedly moves off, preventing the bay and any other element on its surface (operation, forklifts, etc.) from falling.

8. All the components and the moving parts, lip and inferior structure are painted separately with an anti-corrosive prime followed by a coat of high-quality paint, thus ensuring a double 1+1 layer which guarantees 200% protective coating.



Docking System- Dock Shelters

Flexibility and Savings Are No Longer Incompatible.

Euromatic dock shelters are designed to ensure important energy savings, as they maintain the heat inside the building, provide better interior hygiene and, thanks to their signalling system, facilitate the approach manoeuvres of the trucks, in all cases without affecting speed and flexibility in loading and unloading operations.

The dock shelter is formed by a perimetral structure that supports a set of canvas sheets which fit onto the body of the truck. This structure is available in aluminium or it can be galvanised, and may be retractable, fixed, refrigerated or inflatable.

- Retractable
- Fix
- Cold Store
- Inflatable



Inflated shelter: it provides a high level of seal.

Euromatic Range

A wide range of products to meet all your needs.

The Euromatic range combines variety, innovation, functionality, quality, price and service. This is the result of the ceaseless efforts of its different departments. In addition, Euromatic has a be adapted to suit the requirements of each product family of the Euromatic range:

- Loading bays: swing lip levellers, telescopic lip levellers, yard ramp....
 - Loading bridges: loading bridges iron, aluminum, galvanized....
 - Free standing frames and dock houses:
- free standing frames with or without walkway, tunnels isothermal or normal....
 - Scissor tables: single scissor, double scissor, special scissor tables, etc.
 - Dock Shelters: retractable, fix foam seal and inflatable.
 - Industrial doors: industrial (normal and glazed) and residential doors.
 - High-speed door: folding, rolling self-repairable and cold storage.
 - Fire doors: Vertical, sliding, rolling and pedestrian doors.

Docking System



Loading bridges



Sliding Gate Automations.

Sliding gates demand flexible automation that is able to manage different frame dimensions, different types of duty and different environmental conditions, whilst always ensuring maximum operational safety, functioning and reliability.

When selecting the motor, the main factor to consider is the weight and, depending on the case, the length of the gate.



For door weight from 300kgs to 3500kgs.



Swing Gate Automations

A suitable motor is a key component to swing gate operation as this type of gates need to withstand harsh weather and are often subject to heavy usage.

Ultra slim-line and made with high quality material makes them highly desirable.

Actuators with articulated arms for swing for leaves up to 3.5m



Underground electromechanical actuator for leaves up to 3.5m



Actuators with articulated arms for swing for leaves up to 5m



For leaves up to 2.2m , 3m & 5m



Barrier's



Shopping centers, hotels and other public places require the management and control of areas to be used for vehicle parking, to be only accessible to authorized people. This calls for a safe, efficient and reliable control system. Automatic barriers combine ease of

use, minimalist design and practicality, and offer a wide range of accessories, as well as several control and monitoring options, from the most traditional remote controls and keys to the "coin" or "magnetic loop" operated systems.

Electromechanical barrier raising systems for residential. Industrial or public use for entrances up to 4mm in width

Electromechanical barrier raising systems for residential. Industrial or public use for entrances up to 6mm in width



Electromechanical barrier raising systems with encoder for residential. Industrial or public use for entrances up to 5mm in width

Electromechanical barrier raising systems with encoder for residential. Industrial or public use for entrances up to 8mm in width



Automatic & Fixed Bollards



Turnstiles



Individual Parking Barriers



Cantilever Sliding Gate



Hangar Door



Road Blockers





Notes

SINCE 1976



شركة حمد وفيروز للتجارة والمقاولات ذ.م.م.

HAMAD & FIROZE TRADING & CONTRACTING CO. W.L.L.

OFFICE - SALHIYA COMPLEX. ANNEX. TO J.W. MARRIOTT HOTEL. ENTRANCE 2,
2ND FLOOR, OFF. NO.: 213. KUWAIT CITY. KUWAIT.

TEL. # +965 22419602 / 22416294 - FAX # +965 22405548 SERVICE CENTRE: TEL. # +965 24830453 / 66900830

P.O.BOX: 43409 HAWALLI 32049 - KUWAIT

E-MAIL: HAMFIR@GMAIL.COM

WWW.EUROMATICGROUP.CO.UK

WWW.DOORSANDAUTOMATION.COM



SECTIONAL DOORS



GATES & AUTOMATION



DOCKING SYSTEM