



Giménez
Ganga®

ENG —

AUTOMATIC SLIDING GLASS DOOR

SL3 | SL5 | SLT | IXION



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AUTOMATIC DOORS

A TIME OF EVOLUTION

We have begun a new era in our history, adapting to the needs of our customers, with the inclusion of new Automatic Glass Doors in our catalogue, which is already quite extensive.

In this era, access must be simpler, faster, more precise and functional, for the convenience of those who have to pass through the doors of their homes, workplaces or leisure spaces every day.

This is an era in which the safety of workers and visitors must be reinforced, so that nothing can disrupt the flow of an increasingly unpredictable world.

Discover the latest that Giménez Ganga has prepared for you, in the same spirit as always.





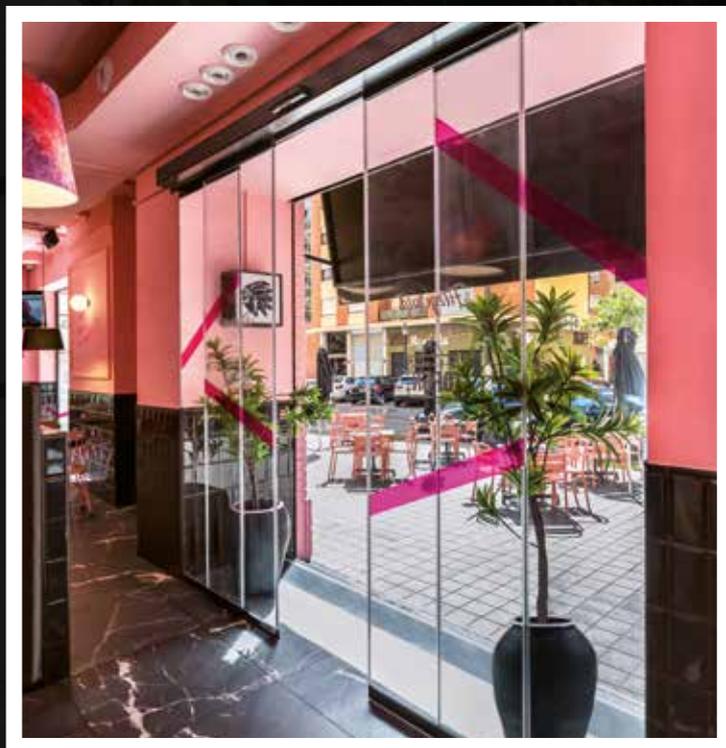
2 SL5 Automatic Door.
1 moving shutter and 1 fixed shutter.

INNOVATION IN ALL TYPES OF SPACES

The advanced technology of our automatic doors makes them ideal for any type of sector or architectural project: residential, industrial, retail, contract, hotel industry, health care, etc.

Systems that allow for quick and easy installation, and that are going to allow intelligent use of the building, by controlling the interior temperature, promoting ease of use and comfort.

The security of these access points can be reinforced with Ixion, the new system developed by Giménez Ganga. It incorporates a rolling shutter enclosure, creating a system that is compact, reliable and secure.



SL5 Automatic Door.
2 moving shutters and 2 fixed shutters.





SL5 Automatic Door.
2 moving shutters.



QUALITY GUARANTEE

Due to the fact that they have no friction, the motors of our doors have a lifespan that is ten times longer than conventional ones, allowing us to offer guarantees for up to five years.



EASY ACCESS

These doors guarantee universal accessibility and autonomy for people with all types of disability, as they do not need anyone to help them open the doors.



SPACE OPTIMISATION

Systems that take up very little space both when the doors are opened or closed, whether centre-opening or side-opening.



MAXIMUM VISIBILITY

They make inside visible and allow light to enter from the outside, making spaces more comfortable.



NO CONTACT

These doors are ideal for installation on community buildings, health centres, in the food sector or in other areas where stricter hygiene regulations apply and contact is not necessary.



QUICK AND EASY INSTALLATION

We offer systems that have various assembly options, each one suited to the specific needs of each professional installer.



CUSTOMISABLE

Our sizes, finishes and colours are fully customisable. The aluminium coating means that all available finishes can be applied to this material.

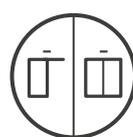
AUTOMATIC SLIDING DOORS

ACCESS WITH REFINEMENT AND ELEGANCE

Centre-opening and side-opening sliding doors are the most popular and functional option for those who want to add a touch of refinement and elegance to any access point.

In a centre-opening door, the two moving shutters move in opposite directions, leaving a wide area free for passage. With side-opening doors, the moving shutter slides to the right or left, freeing up a passage area on the corresponding side.

Their opening speed is the maximum that is available on the market, creating public entrances and exits for places where there is a lot of movement of people, and where the safety of users is linked to the flow of traffic.



POSSIBILITY OF 1 OR 2 MOVING SHUTTERS

A single shutter for places with limited space and two shutters for spaces that want a wider space for passage.



FAST OPENING

Its opening speed is up to 0.8 m/s for the single-shutter door, and up to 1.6 m/s for the double-shutter door, allowing for a smooth flow of people.



EMERGENCY EXITS

Ideal for quick evacuation of spaces in accordance with UNE-EN 16005:2103 and EN ISO 13849-1 level D-evacuation.



HIGH QUALITY TECHNOLOGY

This automatic system is highly recommended for supermarkets, business premises, pharmacies, hotels, airports, railway stations and other places where there is a lot of pedestrian traffic.

SL5 Automatic Door.
2 moving shutters and 2 fixed shutters.

SLIDING DOORS SL3

The new SL3 operator, which is small in size, compact and easy to install, is ideal for the automation of office doors, kitchen doors and other interior doors.



BOX WITH REDUCED DIMENSIONS

At only 10 cm tall, this box is specifically designed for interior doors such as kitchens, dressing rooms, etc.

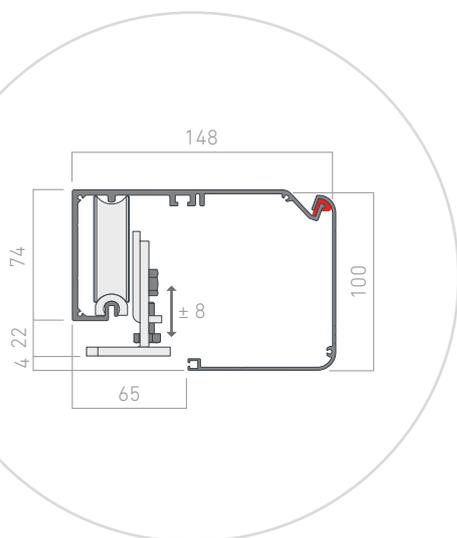
SL3 Automatic Door.
1 moving shutter.

"Its opening speed of up to 160 cm/sec, allows for a lot of people to pass through in a fluid manner."

SECTION

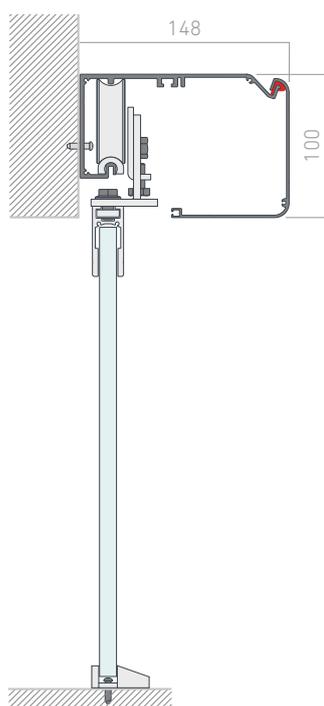
Automatic mechanism diagram

SL3 Box



SL3 Machine

Installed on wall



TECHNICAL CHARACTERISTICS

Use	Interior automatic sliding doors
Dimensions	100x148 x max. 6,600 mm
Maximum opening and closing speed	0.8 m/s one shutter 1.6 m/s two shutters
Type of service	Continuous operation
Intermittence	S3 = 100%
Drive	Brushless direct drive motor
Power source	Wide ranging 100-240V 50/60 Hz
Nominal power	60 W
Stand-by	8 W
Nominal load	80 N
Protection level	IP 20
Regulation of parameters	Buttons and Screen
Data storage for the installation	Standard Micro SD
Operating temperature	-15+50 °C

CAPACITY

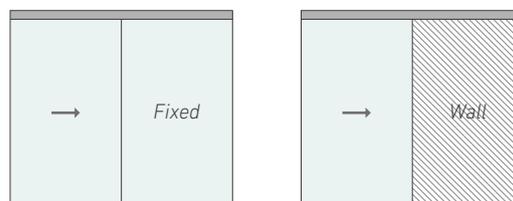
1 Shutter	1x70 Kg
2 Shutters	2x50 Kg

UNE-EN 16005 and EN ISO 13849-1 level C - non evacuation.

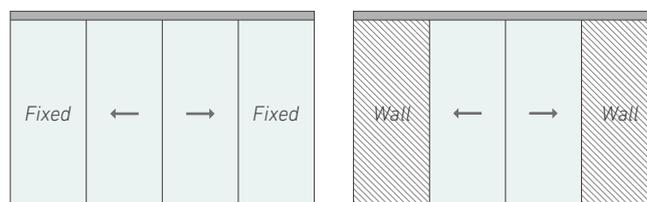
CONFIGURATIONS

SL3 Automatic Door

1 Shutter



2 Shutters



SLIDING DOORS

SL5

The new SL5 door operator is suitable for any type of installation, even ones that have 180 kg shutters (Heavy model).

Its mechanical and electronic characteristics make it a flexible, functional, compact automatic mechanism that is easy to install, and that includes the most modern technological solutions on the market.



TECHNOLOGY

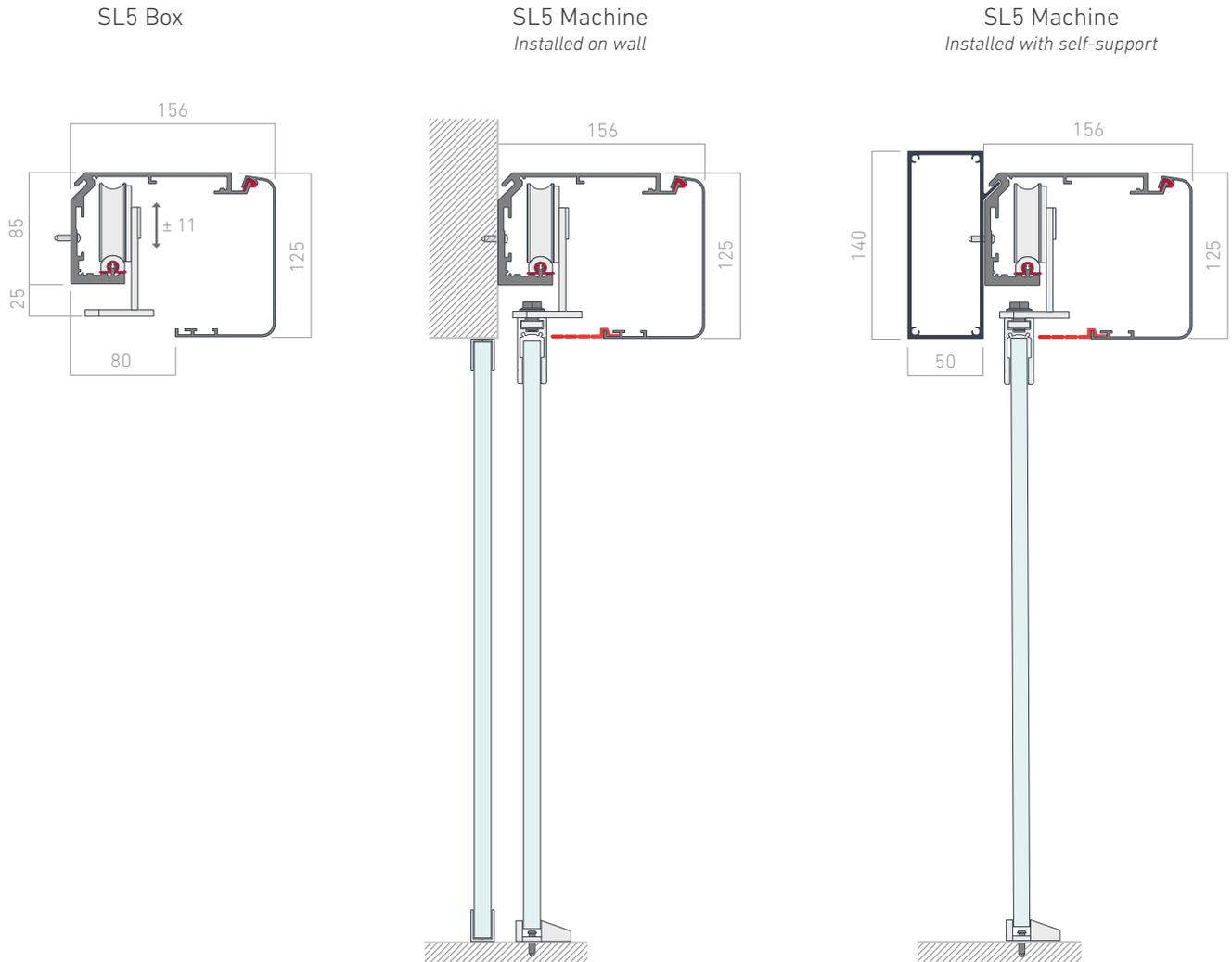
The elegant design of the extruded aluminium structure is easy to maintain and clean.

SL5 Automatic Door.
2 moving shutters and 2 fixed shutters.

“They allow passage without any difficulty, bringing a touch of refinement and elegance.”

SECTION

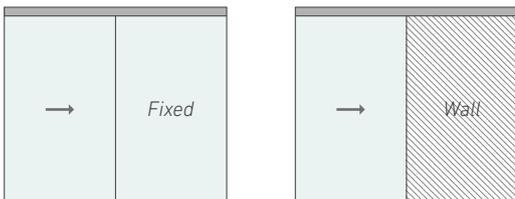
Automatic mechanism diagram



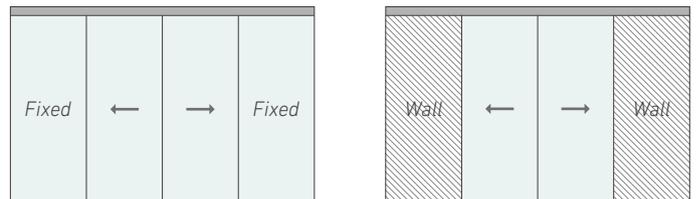
CONFIGURATIONS

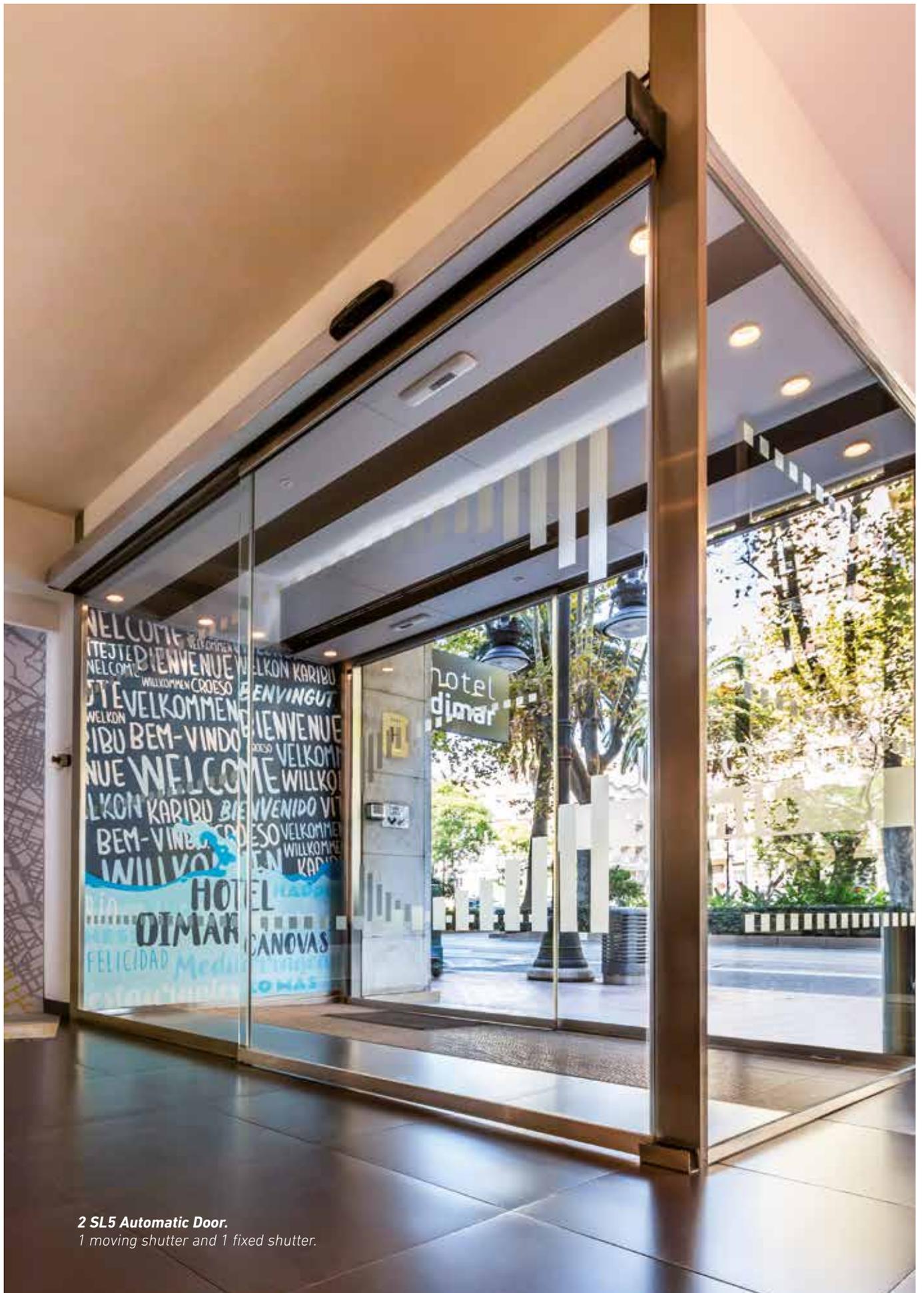
SL5 Automatic Door

1 Shutter



2 Shutters





2 SL5 Automatic Door.
1 moving shutter and 1 fixed shutter.

SL5

ADVANCE | HEAVY | EMERGENCY

Evolution of the SL5 operator, designed for installations that require extra safety as a result of the use of heavier shutters. It can operate shutters that weigh up to 180 kg.

Its mechanical and electronic characteristics make it a flexible, functional, compact automatic mechanism, that is easy to install and that includes the most modern technological solutions on the market.

The Emergency model specifically designed for escape routes and emergency exits, this contains redundant key components that will avoid failures that could block the system's operation.

TECHNICAL CHARACTERISTICS

	ADVANCED	HEAVY	EMERGENCY
Use	Automatic sliding doors	Automatic sliding doors	Automatic sliding doors
Special applications	Redundant system	Heavy doors	Escape routes with no collapse
Complies with EN 16005	TÜV THÜRINGEN + DIN 18650	-	TÜV THÜRINGEN + DIN 18650
Complies with EN 16005	First Research and development	First Research and development	First Research and development
Dimensions	125x156 x max. 6,600 mm	125x156 x max. 6,600 mm	125x156 x max. 6,600 mm
Maximum opening and closing speed	0.8 m/s one shutter - 1.6 m/s two shutters	0.6 m/s one shutter - 1.2 m/s two shutters	0.8 m/s one shutter - 1.6 m/s two shutters
Type of service	Continuous operation	Funcionamiento intenso	Continuous operation
Intermittence	S3 = 100%	S3 = 60%	S3 = 100%
Drive	Brushless direct drive motor	Brushless direct drive motor	Brushless double winding direct drive motor
Power source	Wide ranging 100-240V 50/60 Hz	Wide ranging 100-240V 50/60 Hz	Wide ranging 100-240V 50/60 Hz
Nominal power	70 W	70 W	70 W
Stand-by	10 W	10 W	10 W
Nominal load	150 N	150 N	80 N
Protection level	IP 20	IP 20	IP 20
Regulation of parameters	Buttons and Screen	Buttons and Screen	Buttons and Screen
Data storage for the installation	Standard Micro SD	Standard Micro SD	Standard Micro SD
Laptop connection	Standard Micro USB	Standard Micro USB	Standard Micro USB

CAPACITY

	ADVANCED	HEAVY	EMERGENCY
1 shutter	1x140 Kg	1x180 Kg	1x140 Kg
2 shutters	2x120 Kg	2x150 Kg	2x120 Kg

Advanced | Heavy: UNE-EN 16005 and EN ISO 13849-1 level C - non evacuation. **Emergency:** UNE-EN 16005 y EN ISO 13849-1 level D - evacuation.

AUTOMATIC TELESCOPIC DOORS

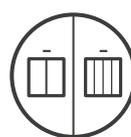
MAXIMUM PASSAGE WIDTH

The telescopic system is ideal for accesses that have limited space, entrances that require a wider clearance than usual, and for separating corridors.

They offer the widest passage area: up to 2/3 of the space occupied by the door. The maximum opening is achieved in the minimum amount of space.

The central configuration of 4 moving shutters moves 2 by 2 in opposite directions. The moving shutters fold over each other, in order to free up as much space as possible in the centre of the door.

The lateral configuration of 2 moving shutters move sideways. The moving shutters fold over each other, in order to free up as much space as possible on one side of the door.



POSSIBILITY OF 2 OR 4 SHUTTERS MOVING

A single shutter for places with limited space and two shutters for spaces that want a wider space for passage.



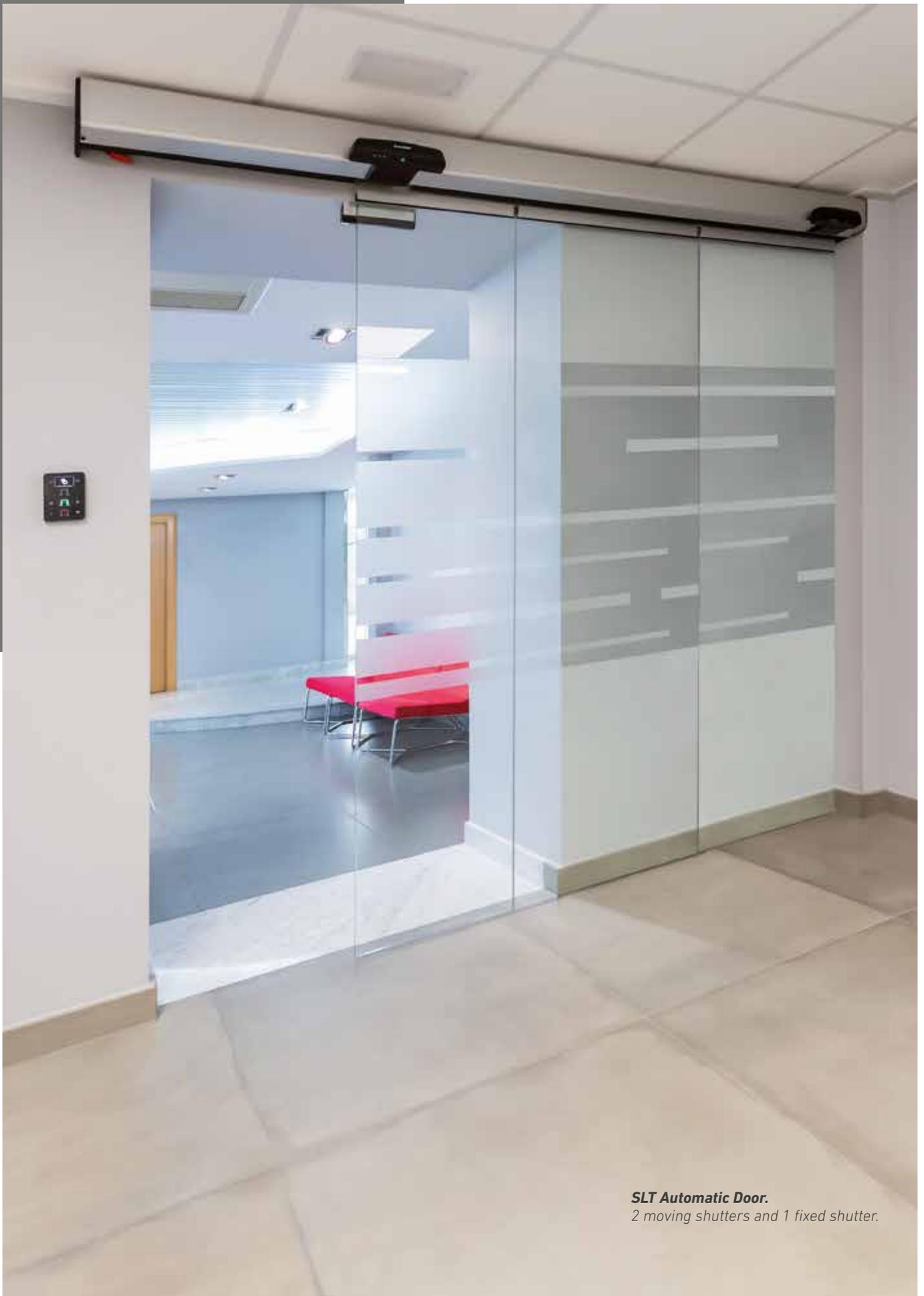
PASSAGE WIDTH

Maximum passage width available, allowing a free passage space of 2/3 of the total door to be created.



EMERGENCY EXITS

Ideal for quick evacuation of spaces in accordance with UNE-EN 16005:2013 and EN ISO 13849-1 level D-evacuation.



SLT Automatic Door.
2 moving shutters and 1 fixed shutter.

TELESCOPIC DOORS

SLT

This is the ideal solution for those areas where maximum available passage width is required, as they allow a free passage space of 2/3 of the total door to be created.



MAXIMUM PASSAGE WIDTH

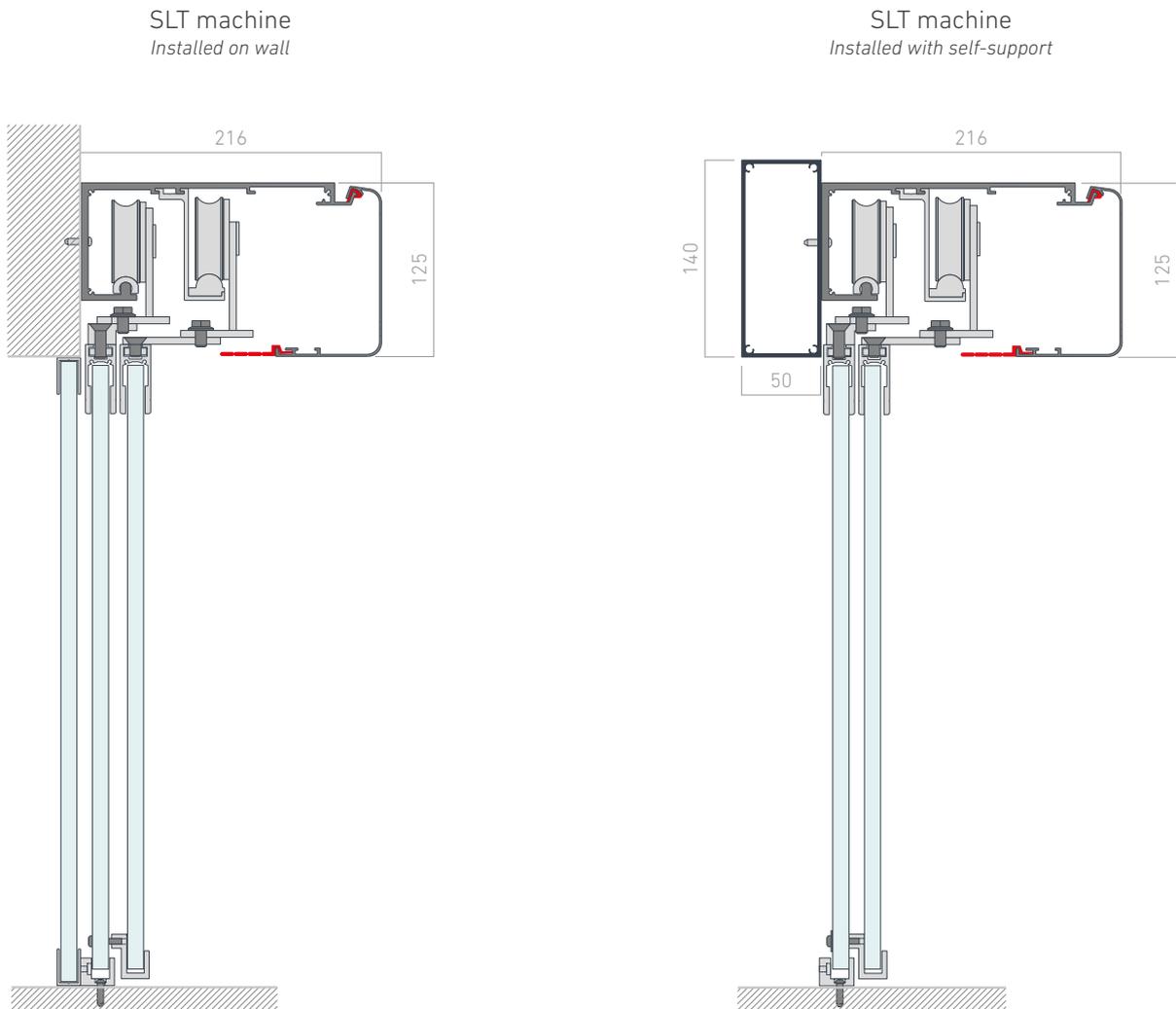
This type of door is expressly conceived and designed for adapting to areas where the technical architectural characteristics leave little or no space for the moving shutters.

SLT Automatic door with frame.
2 moving shutters and 1 fixed shutter.

“Take advantage of the space with its shutters that fold into each other.”

SECTION

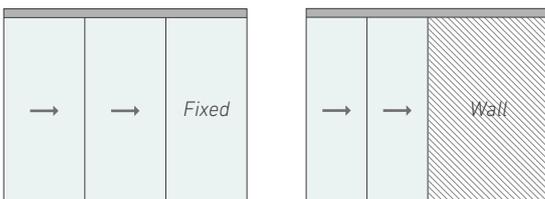
Automatic mechanism diagram



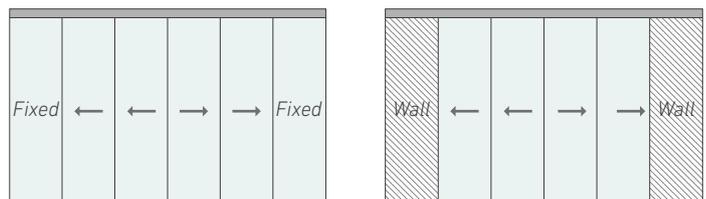
CONFIGURATIONS

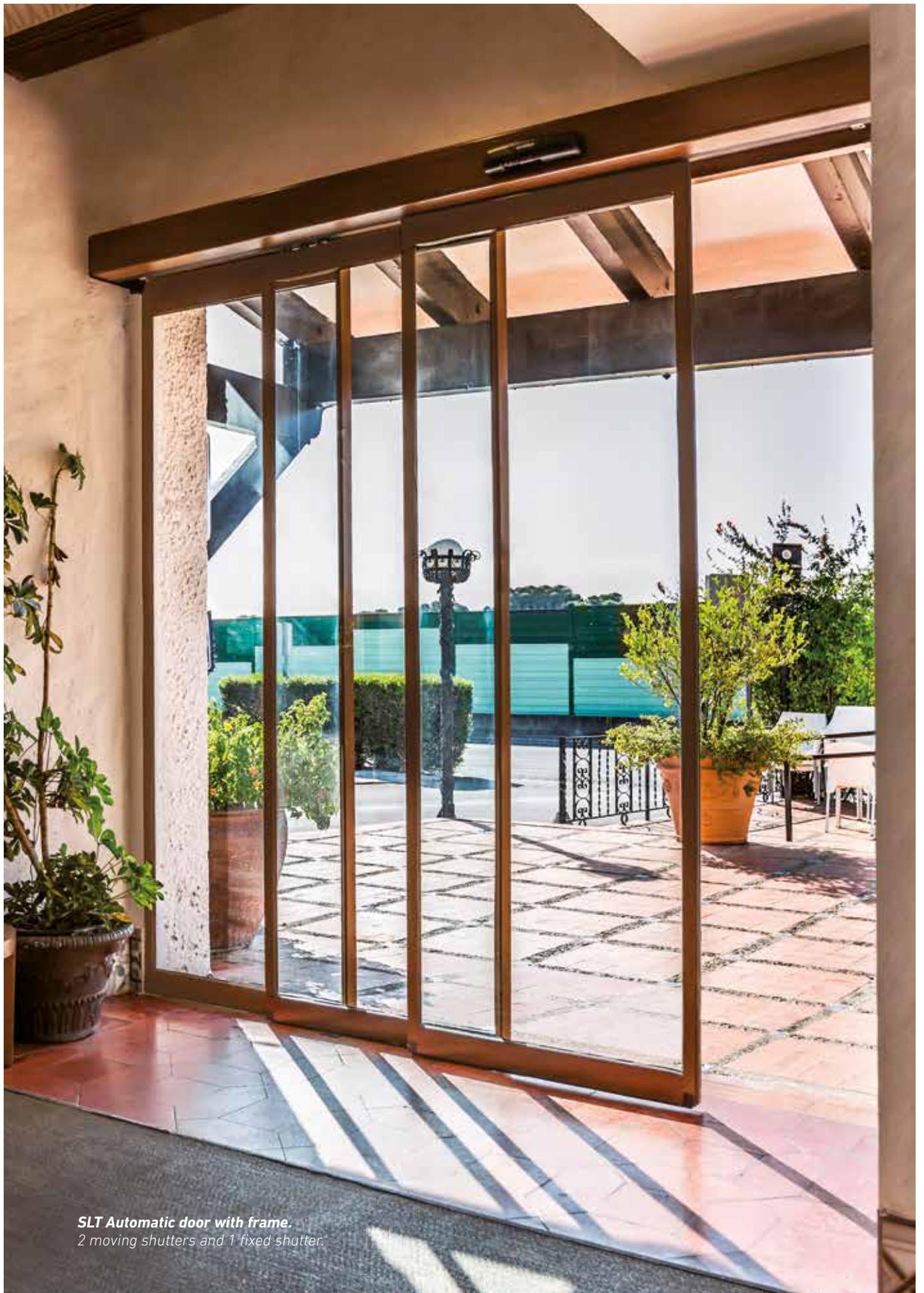
SL5 Automatic Door

2 shutters



4 shutters





*SLT Automatic door with frame.
2 moving shutters and 1 fixed shutter.*

SLT

ADVANCE | EMERGENCY

These models adapted to the minimum space. The moving shutters fold over each other at the same time as they fold over the fixed ones.

Advance doors are specifically developed for the entrances and exits of shops and hotels. On the other hand, the Emergency series avoid dangerous situations caused by people during transit

at the exit of the room (trolleys in supermarkets and shopping centers, suitcases in airports, all types of health centers), it means stopping automation and requires the consequent system reset / rearm intervention.

TECHNICAL CHARACTERISTICS

	ADVANCED	EMERGENCY
Use	Automatic sliding doors	Automatic sliding doors
Special applications	Redundant system	Redundant system
Complies with EN 16005	TÜV THÜRINGEN + DIN 18650	TÜV THÜRINGEN + DIN 18650
Complies with EN 16005	First Research and development	First Research and development
Dimensions	125x216 x max. 6,600 mm	125x216 x max. 6,600 mm
Maximum opening and closing speed	0.8 m/s one shutter - 1.6 m/s two shutters	0.8 m/s one shutter - 1.6 m/s two shutters
Type of service	Continuous operation	Continuous operation
Intermittence	S3 = 100%	S3 = 100%
Drive	Brushless direct drive motor	Brushless double winding direct drive motor
Power source	Wide ranging 100-240V 50/60 Hz	Wide ranging 100-240V 50/60 Hz
Nominal power	70 W	70 W
Stand-by	10 W	10 W
Nominal load	150 N	80 N
Protection level	IP 20	IP 20
Regulation of parameters	Buttons and Screen	Buttons and Screen
Data storage for the installation	Standard Micro SD	Standard Micro SD
Laptop connection	Standard Micro USB	Standard Micro USB

CAPACITY

	ADVANCED	EMERGENCY
2 shutters	2x100 Kg	2x100 Kg
4 shutters	4x70 Kg	4x70 Kg

Advanced: UNE-EN 16005 y EN ISO 13849-1 level C - non evacuation. **Emergency:** UNE-EN 16005 y EN ISO 13849-1 level D - evacuation.

IXION SYSTEM

THE FUTURE IS DUALITY

This is the most innovative system developed by Giménez Ganga, exclusively designed for the comfort of the most demanding of accesses.

It combines the security and elegance of rolling doors with the comfort and energy savings of automatic doors.

AUTOMATIC SLIDING GLASS DOOR AND PS-100 R ROLLING DOOR



ROLLING SYSTEM

Different options to meet market requirements. They are available with die-cutting and micro-perforation.



AUTOMATED

Avant-garde systems for greater user comfort.



MAXIMUM SECURITY

Total reliability to guarantee peace of mind and well-being.



MAXIMUM VENTILATION

Performance for businesses thanks to die-cut, micro-perforated slats which are naturally aerated.





Ixion System
SL5 Automatic Door and Rolling Door
with PS-100 blind, micro-perforated slats.

DOUBLE COMFORT

Ixion is the most advanced access and security system on the market, integrating two doors in one product; a rolling door and an automatic glass door.

Perfect combination of the advantages of an automatic glass door, sliding or telescopic, and those of a rolling closure.

In this way, the SL5 and SLT models are perfectly integrated with a PS-100 R extruded aluminium shutter slat, which is housed in our Alex 400x450 mm box.



ROLLING GUIDE

Sliding guide with primary shutters that are suspended and connected to the bar profile with front coupling brackets.

GLASS SHUTTERS

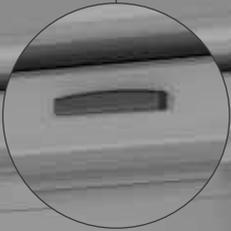
The transparent shutter can have a profile at the bottom and top (plate) or also on its perimeter (Slim).

Both moving and fixed shutters help to make the interior space visible, providing both elegance and security.

“Different combinations that allow multiple configurations, giving you a unique door for your access.”

AUTOMATIC SENSOR

A safety motion sensor (approved in compliance with European standard EN 12978) on the inside of the automatic mechanism detects people in the direction of evacuation and opens the door.



ÁLEX 400x450 BOX

Aluminium structure that has an extruded, elegant design, a removable cover and a handy hook-up device, to allow the cover to be held open during periods of maintenance and cleaning.

ALUMINIUM GUIDE

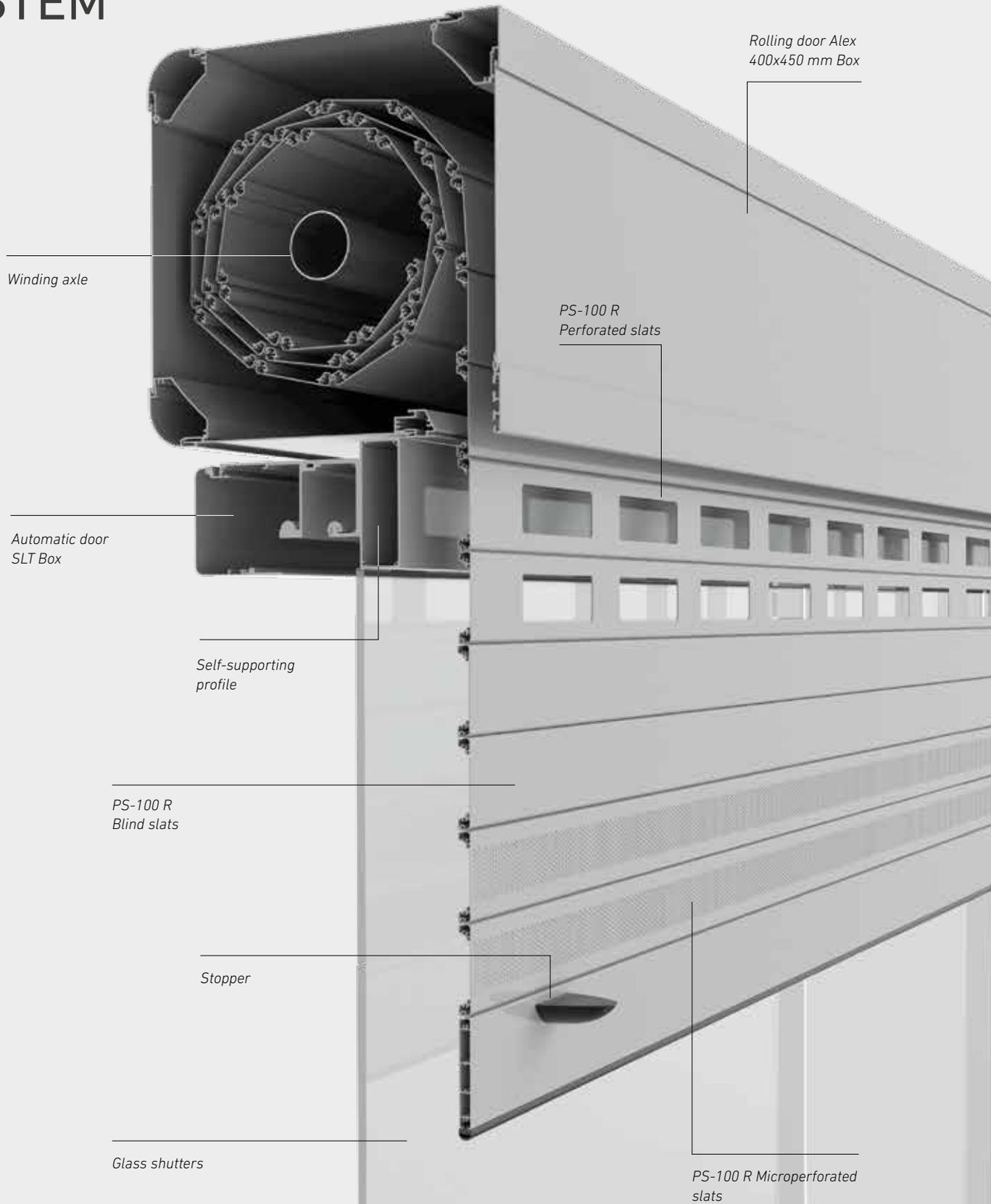
Extruded aluminium guides, compatible with the Alex 400x450 mm box and the PS-100 R slat, which allow the closure to be perfectly integrated into the structure, as it can be lacquered in the same colour as the other components of this system.

SLATS

Ixion allows the PS-100 R slat, which is made of extruded aluminium, to be installed in such a way that it can be blind, die-cut or micro-perforated.

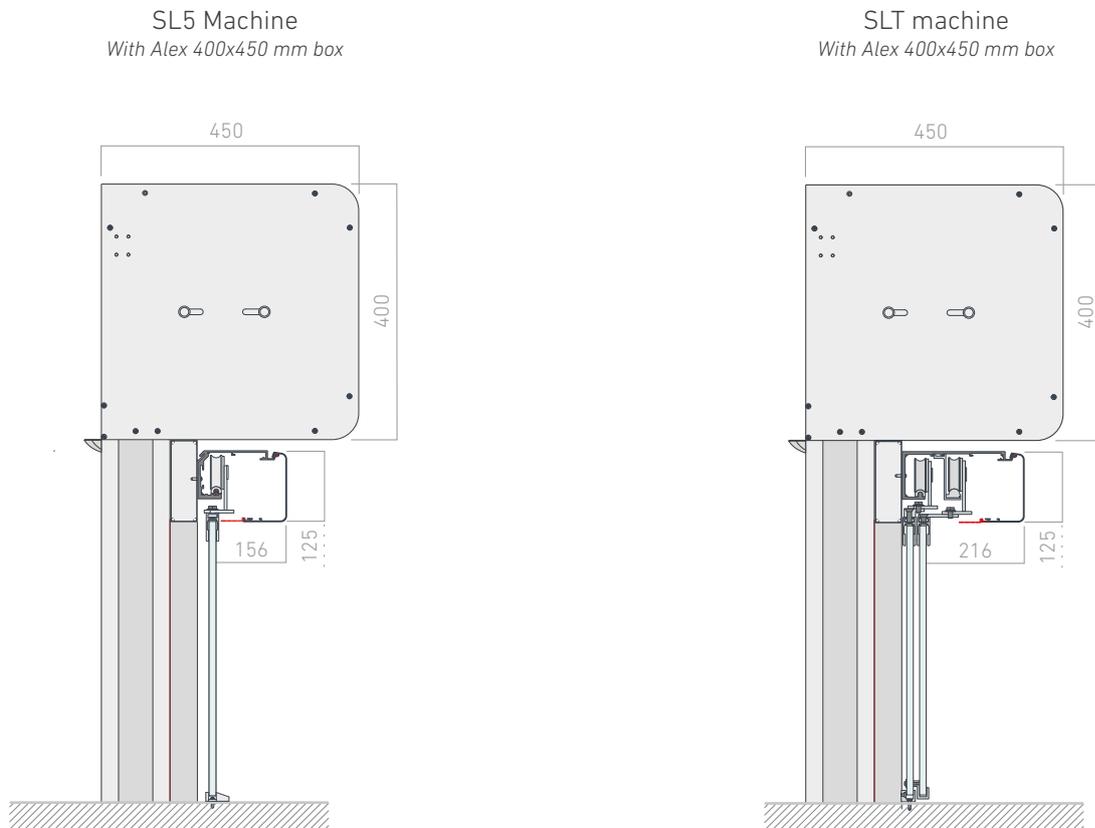
*Interior view of the **Ixion System**, consisting of an automatic glass door and a rolling door.*

IXION SYSTEM



IXION SYSTEM SECTION

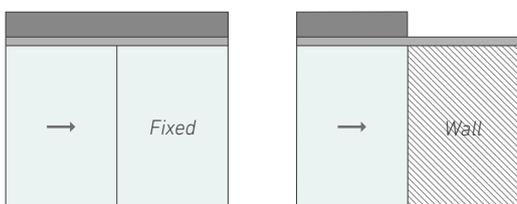
Automatic mechanism diagram



AUTOMATIC DOOR CONFIGURATIONS THAT ARE COMPATIBLE WITH IXION SYSTEM

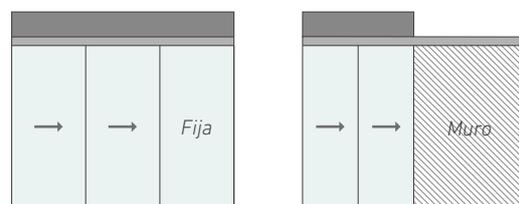
Puerta Automática SL5
con Puerta Enrollable

1 shutter

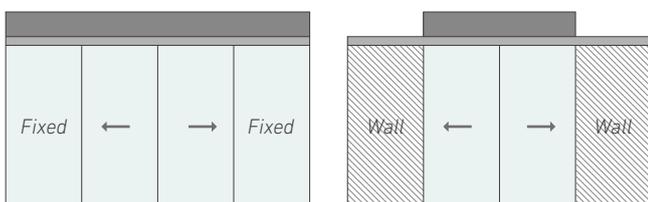


Puerta Automática SLT
con Puerta Enrollable

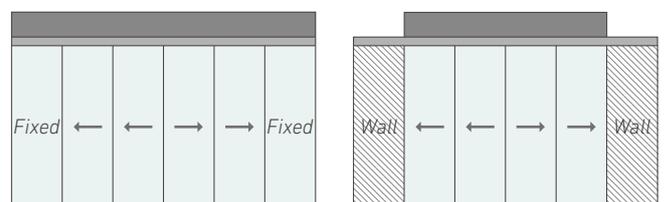
2 shutters



2 shutters



4 shutters

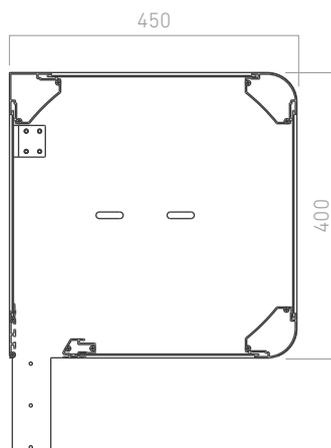


BOX

400X450 ALEX

Alex 400x450 is the box that houses the rolling door in the Ixion system. Made from extruded aluminium, it is easily registered and has a high rolling capacity, making it ideal for use with the PS-100 R slat.

The winding system used in the Ixion system is a retrieval one (straps and pulleys), and the guides used to move the shutter are GE-34/65, with a 120x80 mm double guide channel.

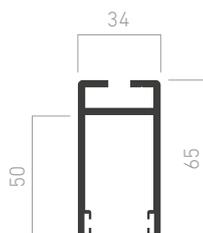


COMPATIBLE GUIDE SECTION

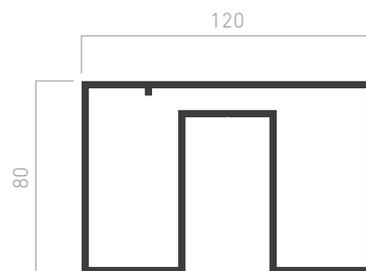
Set of end caps
Alex 400x450 mm



GE-34/65 Guide



Lodge-guide double 120x80 mm



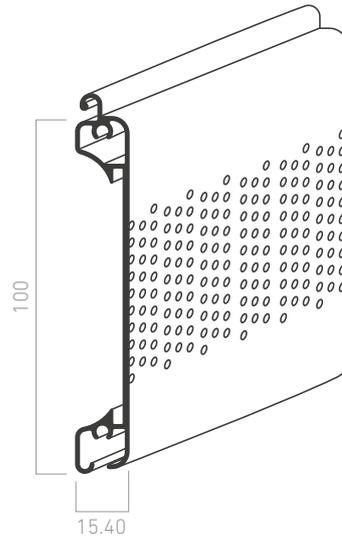
The 120x80 mm double guide channel can be installed on site, with the Alex 400x450 mm end caps, and the GE-34/65 guide can then be inserted into it.

PS-100 BLIND SLAT

PS-100 R is perfect as a safety barrier for accesses in all types of businesses and garages for residential and commercial use.

It is a single-wall slat with straight lines that, due to the wide range of colours and finishes available for the extruded aluminium, brings a great deal of style and elegance to the façade.

This model can be blind, perforated or micro-perforated, favouring the ventilation, visibility and luminosity of the interior space wherever this is necessary.



Perforated

Micro-perforated

Blind



TECHNICAL CHARACTERISTICS

Nominal thickness	15.40 mm
Area of coverage	100 mm
Free area of perforated ventilation*	39.20 %
Free area of micro-perforated ventilation**	16.00 %
Number of slats per metre	10 units
Maximum width tested ¹	4,200 mm
Slat weight	8.35 kg/m ²
Window size, perforated slat	55x175 mm

* Approximate value in relation to the visible area of the material, excluding the terminal.

MOTORISATION AND AUTOMATIC MECHANISMS

INNOVATION IN THE WHOLE MECHANISM

The new generation of automatic mechanisms developed for this product are characterised by the incorporation of a series of innovative mechanical solutions aimed at simplifying the installation and maintenance of the system.



CONVENIENT ACTIVATION

The activation switch is operational within a few minutes, and it can be installed in any socket that is currently on the market. The front is particularly resistant, and can be treated with common hospital disinfectants. It offers reliable IP6 protection, allowing it to be used trouble-free in particularly wet or damp areas.

With a stylish design and coloured LED indicator, it fits in nicely and easily with the area in which it will be used.

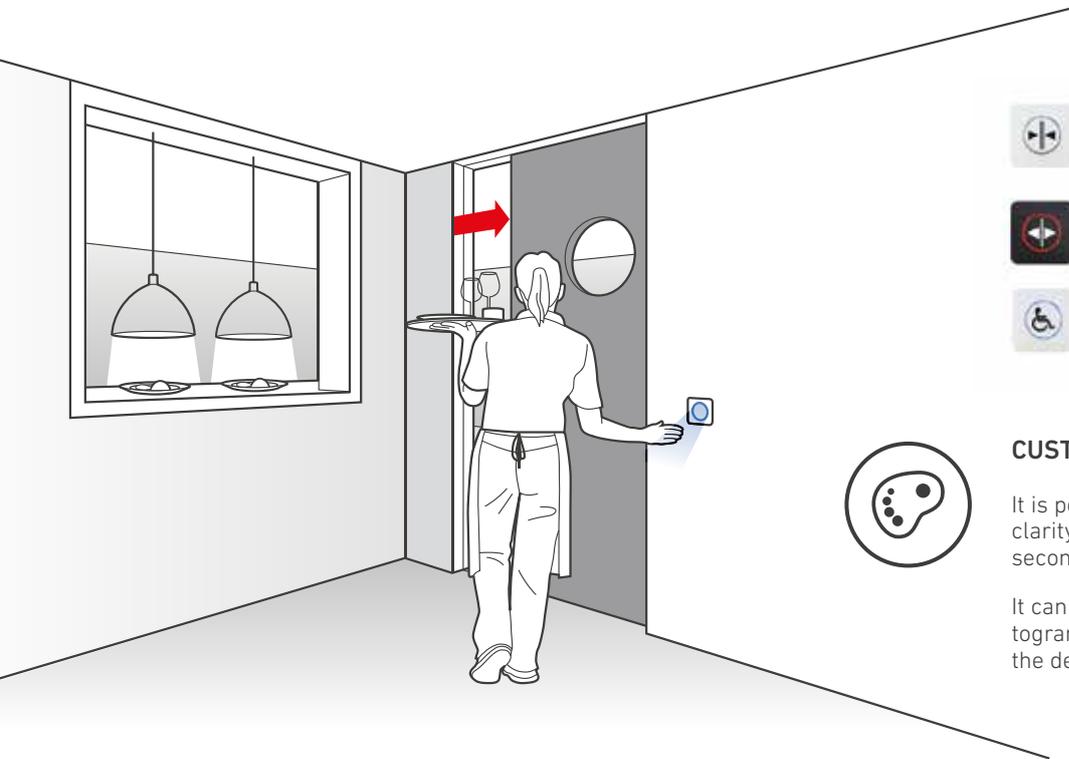


STYLISH AND EASY TO INTEGRATE

With a stylish design and coloured LED indicator, it fits in nicely and easily with the area in which it will be used.

Proximity activation device

- Contact-free hygienic door opening.
- Attractive design with optical indicator.
- Compatible with all common sockets on the market.



CUSTOMISATION

It is possible to change the design, colour, clarity and optical indicator mode in a few seconds, without any tools.

It can be customized with a wide range of pictograms that can be positioned on the front of the device for ease of use.



HYGIENIC

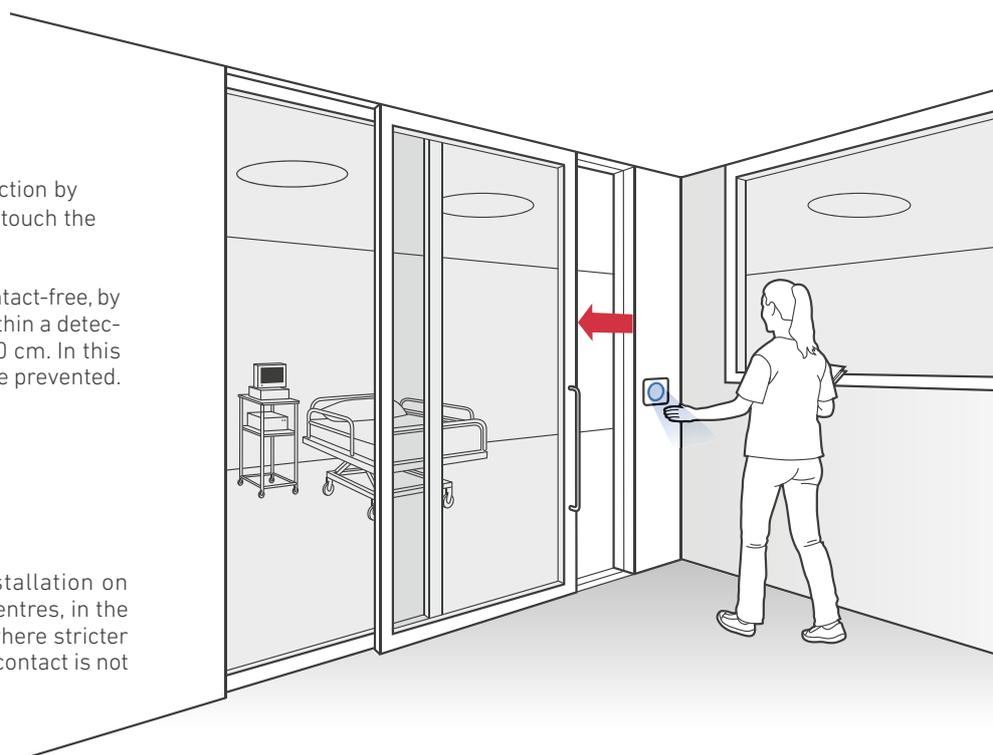
It reduces the risk of virus infection by reducing the need for users to touch the door.

Open doors hygienically and contact-free, by making a conscious gesture within a detection area of between 10 and 50 cm. In this way, the spread of germs can be prevented.



NO CONTACT

These doors are ideal for installation on community buildings, health centres, in the food sector or in other areas where stricter hygiene regulations apply and contact is not necessary.



AUTOMATIC DOORS BRUSHLESS MOTORS

The new brushless direct drive motors (with no gearbox), have been designed specifically and exclusively for our automatic mechanisms, providing the following advantages in comparison to other traditional electric motors:

- **Smaller and more compact.**
- **More efficient.**
- **Eliminates unnecessary maintenance.**



Brushless Motor



Brushless Motor with two windings that are completely independent, for SL5 Emergency.



LONGER DURATION AND REDUCTION IN MAINTENANCE COSTS

The main element that wears out in a DC motor is the brushes. The new brushless, direct drive motors have a lifespan that is 10 times longer, and reduced maintenance. As there is no transmission box, maintenance costs due to natural wear and tear are also eliminated.



PROTECTING THE ENVIRONMENT

Brushless motors are very efficient, saving between 40% and 60% in comparison to other conventional electric motors.



MOTORS THAT ARE EXTREMELY QUIET

The lack of brushes makes these motors extremely quiet, avoiding any discomfort caused by noise pollution.

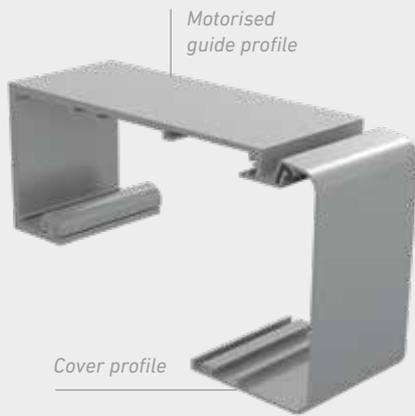
Given that there is also no transmission box, this is an automatic mechanism that is particularly suitable for environments that need to be very quiet.

The unique, patented location of the position sensor within the motor housing makes it very compact, and protects it from accidental breakage.



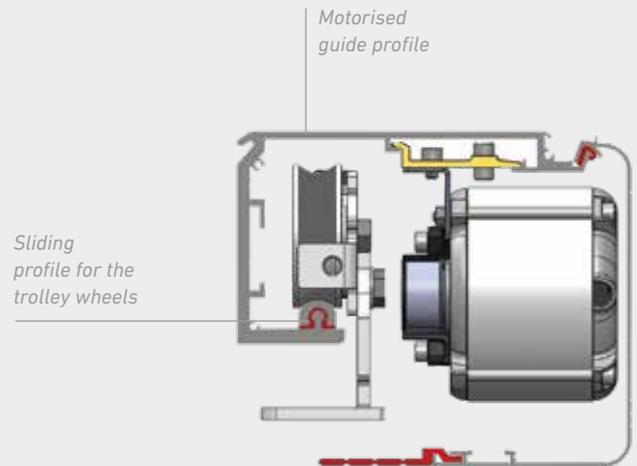
5 YEARS WARRANTY

Due to the fact that they have no friction, these motors have a lifespan that is ten times longer than conventional ones, allowing us to offer guarantees for up to five years.



Motorised guide profile

- Aluminium structure that has an extruded, elegant design, a removable cover and a handy hook-up device, to allow the cover to be held open during periods of maintenance and cleaning.
- Quick and complete removal.
- Elements fastened in a simple way.
- Magnetic hook-up.
- Special anti-vibration shape.
- Available in any colour from the RAL chart, or anodised.



Damping system and elimination of vibrations

This unique motor clamping system allows it to be attached to the bracket at two points, including at a point between the mounting bushings and the rubber damper bracket plate, in order to eliminate transmission of vibrations to the sliding rail.

Isolating joints strategically placed between the profile of the motorised guide, the cover and the sliding profile of the trolleys allow the transmission of vibrations to the structure where the automatic mechanism is fixed to be eliminated.

This vibration damping/removal system provides a level of quiet operational never before achieved, and is ideal for applications where this is required.



Electronic control unit with wide-ranging 100-240 V (50/60 Hz) power supply and Switch Mode technology.

The advanced electronic system, equipped with a 32-bit micro processor, offers complete control of the motor's movements, improving its characteristics, and allowing any adjustment to be made via an easily readable alphanumeric display, that also provides diagnostics and detailed information.

The electronic control is already pre-set to the standard mode, and no prior adjustments are necessary. The door is now operational; however, all the parameters can be edited to meet your specific needs. This allows for easy connection of the door control and safety devices, with separate edge terminals for each accessory, in line with the current European safety regulations.

- Alphanumeric display for regulation and reading of operating parameters.
- Pre-configured operating parameters.
- Micro SD memory card, where the configurations set can be saved.
- Standard micro USB input for connection to a personal computer, for carrying out more sophisticated diagnostic, update and control operations.

AUTOMATIC DOORS

AUTOMATIC MECHANISMS

The new Giménez Ganga system incorporates a variety of options for automatic opening, in order to adapt to the needs of all types of spaces.



Infra-red radar for motion detection

Direction recognition and photocell

Indoor sensor (approved in compliance with European standard EN 12978) with motion detection, direction recognition and photocell.



Primetec microwave radar

Bidirectional and photocell

A safety motion sensor (approved in compliance with European standard EN 12978) on the inside of the automatic mechanism detects people in the direction of evacuation and opens the door.



Proximity button

Recessed - White and black

A safe motion sensor (approved in compliance with European standard EN 12978) on the inside.



Primetec function selector

Two models: FSD5 and FSD6

This innovative device has a touch screen that is easy and intuitive to use. The LED backlight guarantees high visibility of the configuration, even in low light.

Allows door functions to be chosen:

- Fixed open door.
- Pedestrian opening.
- Entry and Exit.
- Exit only.
- Fixed closed door.

PUERTAS AUTOMÁTICAS ACCESORIOS



Upper pressure plate and lower silicone plate

Sheet of glass with 2 aluminium profiles, one upper and one lower, leaving the sides exposed.



Floor guide

A multipurpose floor guide can be used for both exposed glass and carpentry.



SLIM Carpentry

These profiles have been developed to facilitate and simplify the assembly of the shutters.

This allows both the moving and fixed sheets of glass to be enclosed, protecting them around their perimeter and offering great robustness, thermal insulation, and security for the user.

Its reduced dimensions provide an elegant design, which is also robust, with an 18 mm chamber that will house the selected glass.

A rubber seal is included in its assembly, between the profiles and the glass. This allows the glass to be replaced simply, without the use of cumbersome silicones.

Fully customisable, this allows us to develop bespoke solutions with a very high quality finish, that are available in any RAL colour, and anodised.

Giménez Ganga, S.L.U.

Polígono Industrial El Castillo
C/ Roma, 4
03630 Sax (Alicante) Spain

t. (+34) 965 474 050 | 965 474 205
f. (+34) 965 474 563

info@gimenezganga.com

gimenezganga.com

Becoming a large company is much easier when customer and user satisfaction is placed as the fundamental objective of the whole process of hard work, taking great care from the moment an order is placed until it is delivered to the customer.

Constant innovation focused on everyday application has allowed us to solve new problems and create more efficient and durable designs.

Industrial capabilities made up of more than 700 workers and 90,000 m² of facilities all aimed at fulfilling one goal: to improve every day and be at the service of our customers.

