

# Opening doors to the future



# Quality, service & experience

Created in 1966, Manusa is a leading company in the market of automatic doors thanks to the development of its own technology and a professional team that works to achieve full customer satisfaction.



More than 50 years  
of experience

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We leave nothing  
to chance

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Exclusive solutions  
for every customer

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International  
presence



# Doors / Entrances



Our experience of more than 50 years means we can offer a wide range of access solutions adapted to specific needs.

Not only do we offer the most suitable features for every architectonic project, but we are also capable of customising the finish and colours to integrate our automatic doors in the environment in which they are located.

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# Bi-parting and single

## Sliding doors

The bi-parting and single sliding doors are the most popular and functional automatic doors, as well as to achieve a touch of distinction and elegance in any environment in a friendly way.

In a bi-parting sliding door, two sliding leaves move in opposite directions leaving a wide clear opening. For its part, the sliding leaf of a single sliding door, moves to the right or left leaving an opening at the corresponding side.

Manusa bi-parting and single sliding doors offer the highest opening speed on the market, together with maximum safety. They are recommended for high traffic public entrances and exits or where user safety is linked to the fluidity of the traffic.



Bi-parting sliding door. Hotel sector.

- Possibility of assembly with or without fixed leaves.
- Full customisation in measurements, finish options and colours.
- Wide range of accessories.
- **Compatible leaves:**  
transparent / full framed



Single sliding door.  
Museum sector.

Single sliding door.  
Retail sector.



# Telescopic

Sliding doors



Telescopic sliding door. Restaurant sector.

They are ideal for entrances with space limitations, for corridor separations, or where the opening needs to be wider than usual, for example at car showrooms.



- Possibility of assembly with or without fixed leaves.
- Full customisation in measurements, finish options and colours.
- Wide range of accessories.
- **Compatible leaves:**  
transparent / full framed

Telescopic sliding door. Hotel sector.



They offer the widest opening: up to 2/3 of the space occupied by the door. It achieves the maximum opening in the minimum space.

**Bi-part telescopic doors:**

Sliding door with 4 sliding leaves that move in pairs in opposite directions. The sliding leaves retract one behind the other to leave the maximum possible opening at the centre of the door.

**Single slide telescopic doors:**

Sliding door with 2 sliding leaves that move to one side. The sliding leaves retract one behind the other to leave the maximum possible opening at one side of the door.



Telescopic sliding door. Hotel sector.

# Curved and semicircular

## Sliding doors

Manusa curved and semicircular doors create exceptional and elegant entrances without renouncing the features of a sliding door.

A curved door consists of a single slide or bi-part automatic door with one or two sliding leaves that move radially.

The door may be concave or convex and with different radius and degrees of curvature. The combination of two curved doors creates circular doors, ideal for entrances that are both exceptional and functional at the same time.



Circular automatic door. Hospital.

- Full customisation in finish options.
- Wide range of accessories.
- **Comptible leaves:**  
transparent / full framed



Circular automatic door. Library.

Curved automatic door. Corporate building.

# Panic break-out system

Sliding doors with



Panic break-out door without vertical stiles. Office building.

The automatic doors with Manusa's panic break-out mechanism combine the features of a sliding door with the safety of break-out leaves, thus maximising the opening.

- Full customisation in measurements, finish options and colours.
- Wide range of accessories.

Panic break-out door without vertical stiles.  
Shopping centre.



The door functions in normal mode (sliding and automatic). In an emergency, the leaves can be pushed outwards by hand, and automatically retract to the sides to create a large opening for evacuation.

A panic break-out door is recommended for public buildings such as airports, stations or large shopping centres or in installations where a larger access opening than normal may sometimes be required.



**Panic break-out system with framed leaves (A45-S4):** sliding and break-out leaves with them fully framed with a 45 mm frame offer high resistance and durability, which makes it suitable for high traffic sites.



**Panic break-out system without vertical stiles (A45-S2):** this offers the safety of a panic break-out system without renouncing the aesthetics provided by the transparency of the glass without vertical stiles.

Panic break-out door with framed leaves.  
Airport sector.

# Fire-resistant

## Sliding doors



Combining the functionality and aesthetics of an automatic door with the properties of integrity and insulation.



- Available with classification: E30, EI30, EI60
- Specific fire-resistant leaves. Tempered glass with intumescent gel. Can be customised with a wide range of accessories.

Fire-resistant door separating kitchen and restaurant.  
Hotel sector.



Manusa's fire-resistant door consists of a bi-parting or single sliding automatic door with fire-resistant properties.

Recommended for delimiting sectors with greater fire risk and avoiding fires spreading outside of these sectors, for example in car parks, restaurant kitchens, materials storage areas, etc.

# Hermetic

Doors



Hermetic sliding doors. Hospital operating theatres.

Manusa's hermetic doors unite the advantages of an automatic door with the seal and hygiene required in clean room environments.

- Full customisation. Surface available in stainless steel or High Pressure Laminate (HPL) available in a wide range of colours, or a combination of both.
- Wide range of accessories available.



Clear View glass hermetic doors.  
Hospital ICU room.



Hermetic sliding doors.  
Hospital operating theatres.

The whole door assembly is designed to guarantee hygiene: recessed vision panel, door handle, easy cleaning materials.

**Hermetic swing or sliding doors:** equipped to hermetically seal the opening.

**Clear View glass hermetic doors:** allow observation rooms to be insulated without losing visibility from inside. For moments in which a certain degree of privacy is required, there is the option of self-dimming glass or glass equipped with integrated Venetian blind.

**Lead lined doors:** for radiology rooms, with option of a lead lined vision panel, to prevent the escape of X rays. Available as hermetic or non-hermetic doors depending on the requirements of the area.



# Leaves, accessories & motorizations



Manusa automatic doors can be adapted to all needs. It is not only possible to choose the most suitable door for each case, but also to combine a wide range of leaves covering all needs.

In addition, we offer customised finish options in a wide variety of colours for all the leaves and accessories with specific purposes to give our automatic doors the maximum performance.

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# Transparent Leaves

## Leaves with a unique aluminium rail at the top of the glass

The leaf is transparent, with a unique aluminium rail fixed at the top of the glass, with the rest of the perimeter left bare (without a frame).

This type of leaf offers the most transparency possible, and total transparency is even possible with the Manusa Visio Hidden Rail / Full Glass operator.

Compatible with all Manusa operating mechanisms.

Applicable to bi-parting, single sliding, curved and semicircular automatic sliding doors.



Single sliding door with total transparent leaves, option of hidden rail. Museum sector.



Bi-parting sliding door with transparent leaves, option of bottom rail.  
Hotel sector.

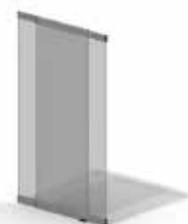
## Option of bottom rail

High level of transparency without renouncing to security. The leaf is made of glass with two aluminium rails, one at the top and one at the bottom, leaving the sides without vertical stiles.

Optionally, locks can be fitted in the ground to increase security.

Compatible with all Manusa operators.

Applicable to bi-parting, single sliding, telescopic, curved and semicircular automatic sliding doors.



# Framed Leaves

## Full framed leaves

The whole perimeter of the glass is framed in 20 mm extruded aluminium.

Recommended for high traffic entrances, as they offer a high level of resistance as the glass is fully framed and protected by the aluminium profiles.

Option of double-glazing or anti-vandalism safety glass with 30 mm extruded aluminium frame (only in single sliding and bi-parting sliding doors).

Full customisation in finish options to adapt to any project.

Applicable to bi-parting, single sliding, telescopic, curved and semicircular automatic sliding doors.



20 mm frame

30 mm frame



Single sliding door with framed leaf.  
Retail sector.



Bi-parting sliding door with framed leaves and reinforced frame.  
Hotel sector.

## Leaves with reinforced full frame

The whole perimeter of the glass is framed in 45 mm wide extruded aluminium profiles through rubber gasket, thus achieving extraordinary robustness for the door assembly.

They have an interlocking profile for better thermal and acoustic insulation from the exterior.

Full customisation in finish options to adapt to any project.

Applicable to bi-parting and single automatic sliding doors.



45 mm frame

# Accessories



Program switch  
Optima+



Remote control  
Óptima  
Pocket+



Program selector /  
Airlinx



App  
Doorwifí



Remote  
control



Lateral safety  
sensor



Buzzer

Access control system  
/ recessed and surface  
mounting keypad



Óptima Prox+ and hands-  
free system



- **Activation accessories:** Cause the door to open and close to let people through.
- **Control accessories:** Allow the owner of the door to select and manage the operating mode of an automatic door according to specific needs.
- **Security accessories:** Give the automatic door the necessary security measures.



Photocell

Integration and remote control:  
Interface / Openlinx  
Manulink



- Others accessories available.
- Please consult our sales department with your requirements.



Lateral safety sensor

Presence and motion sensor



People counter



Recessed and surface mounted exterior key switch



Automatic lock



Motion sensor



Recessed and surface mounted elbow switch



Staff access identification



Floor lock



Photocell

# Motorizations

Visio+ operator range

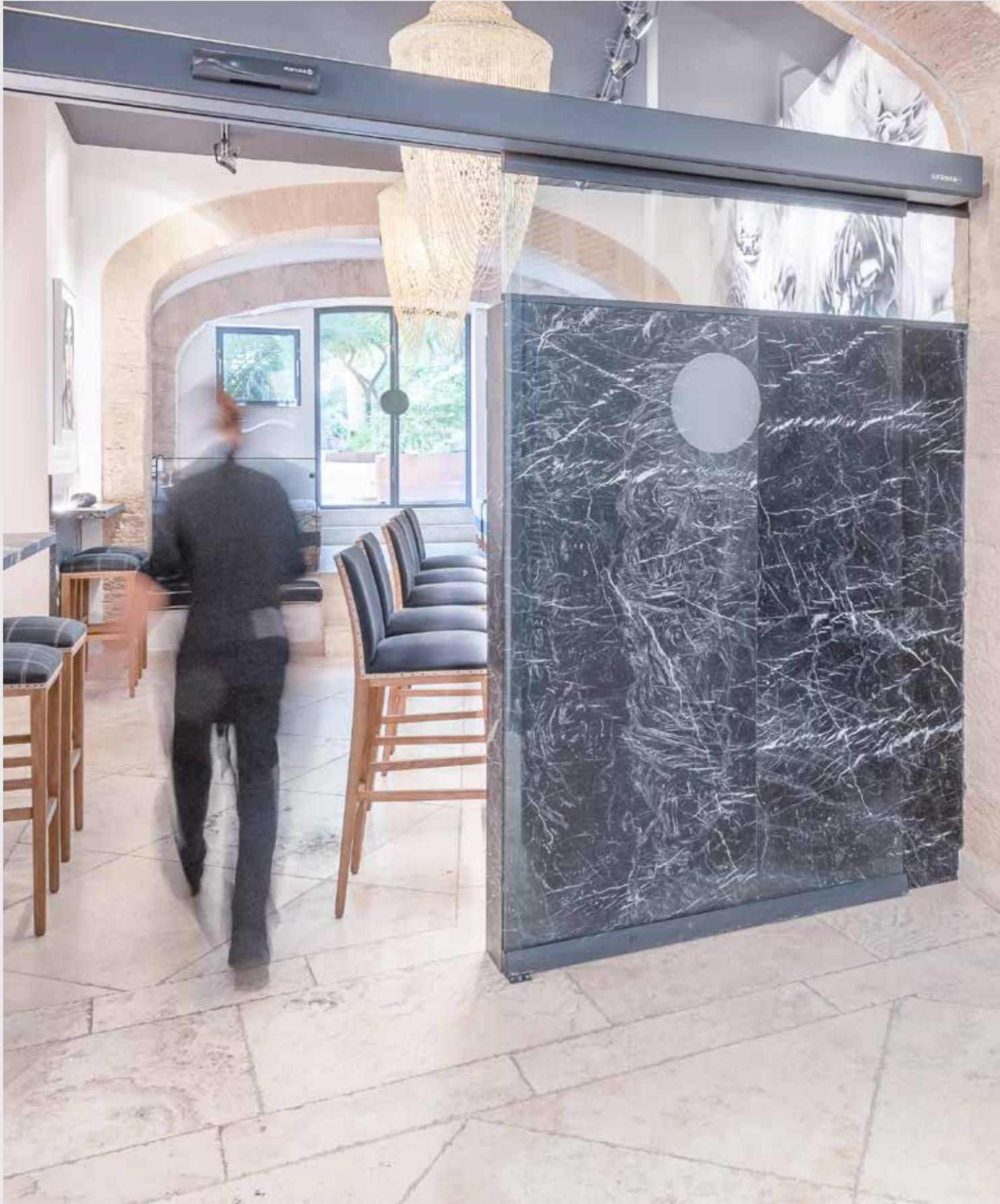
Visio+100, Visio+125 and Visio+125HD



- 100, 125 and 175 mm high cover versions to cater all construction needs.
- Motor groups adaptable to the dynamic features required.
- The fastest opening speed on the market thanks to their motor groups.
- Self technology unique on the market.
- Silent operation.
- Extraordinary durability.
- Incorporation of **IoT technology** to control **connectivity** and **remote control** of the door and additional functions through mobile.

The Manusa Visio+ operator range is beyond the standards established in the new harmonised EN16005 about safety in use of power-operated pedestrian doorsets.

Certificate of durability for 1 million cycles according to Standard UNE 16361:2014+A1:2017





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