

# Opening the doors to the future

Technology and  
manufacturing  
**100%**  
manusa 



**manusa**   
Automatic doors



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Automatic doors

**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.**



**Quality & Service  
Experience**

## **Technology and manufacturing 100% Manusa**

**Manusa develops and manufactures all its products. From our headquarters in Sant Cugat del Vallès (Barcelona) and our facilities in Valls (Tarragona), we give response to the needs of all our customers.**

### **More than 45 years of experience.**

Right from the start we have been committed to innovation and technology to provide our customers the best product, adapted to the market and their needs.

### **We leave nothing to chance.**

We only use top quality materials for the manufacture of our doors and they are subject to the strictest quality controls.

During the production process we test them one by one with continuous opening and closing for 24 hours to guarantee they function perfectly.

### **Exclusive solutions for every customer.**

Our team of professional experts, designs, manufactures, installs and maintains more than 20,000 doors each year. This leading infrastructure means we can guarantee an immediate response and offer the best service.

The satisfaction of our customers is our reward and this drives us to keep improving every day.

### **International presence.**

We are present in more than 50 countries through exclusive distributors that have received training at our facilities in Spain to guarantee our consistently high level of customer support and service.

# Doors/Entrances

Our experience of more than 45 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.



**BI-PARTING sliding doors**

**SINGLE sliding doors**

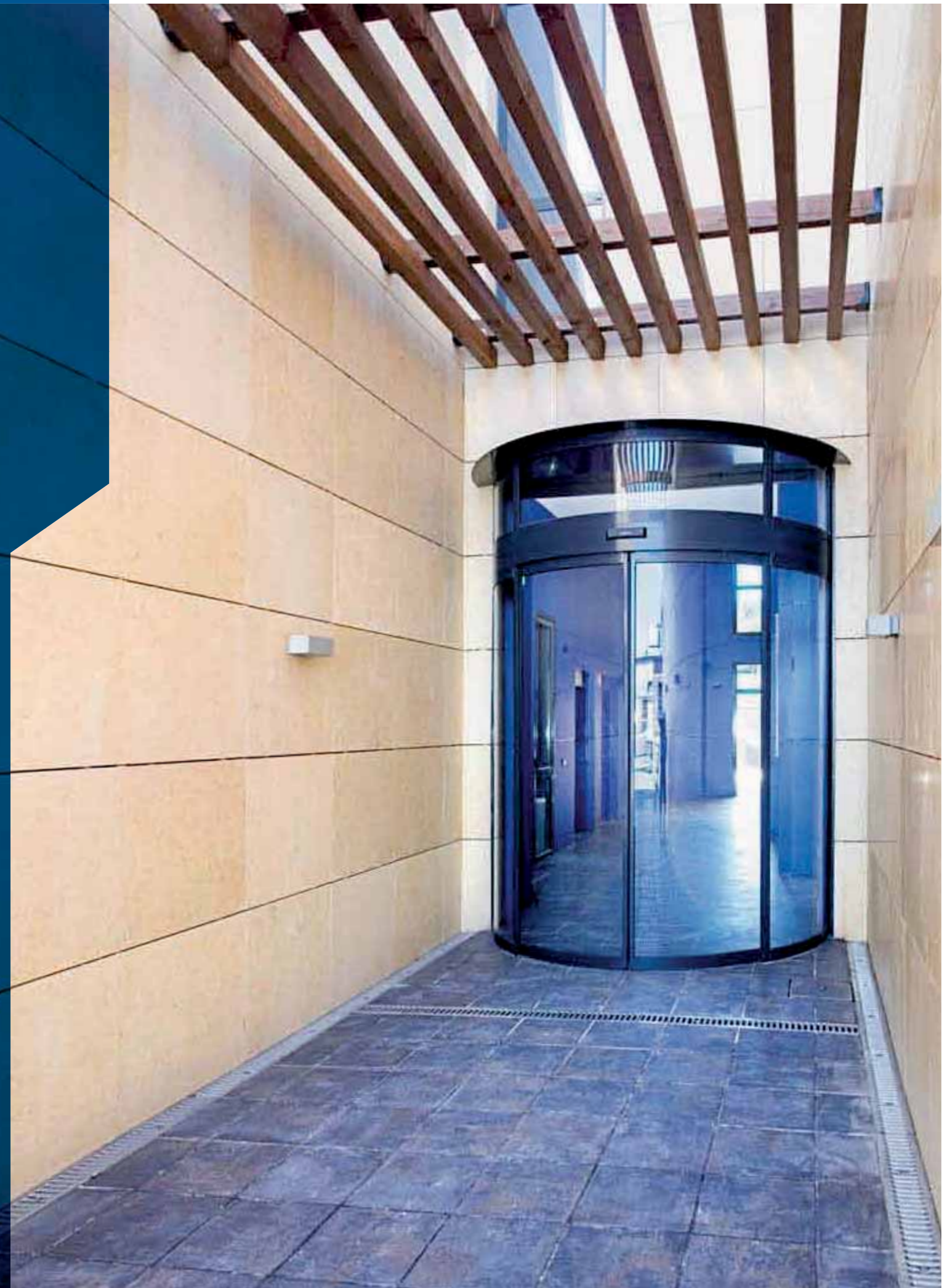
**TELESCOPIC sliding doors**

**CURVED AND SEMICIRCULAR sliding doors**

**PANIC BREAK-OUT sliding doors**

**FIRE-RESISTANT sliding doors**

**HERMETIC sliding and swing doors**



# Bi-parting

## Sliding doors



Entrance with two bi-parting sliding doors. Museum sector.

The bi-parting sliding door is the most popular and functional automatic door.

Two sliding leaves move in opposite directions leaving a wide clear opening.

Manusa bi-parting sliding doors offer an opening speed of up to 2 m/s, the highest speed on the market, together with maximum safety.

Recommended for high traffic public entrances and exits or where user safety is linked to the fluidity of the traffic.

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.



Customised bi-parting sliding door. Hotel sector.



Entrance with two bi-parting sliding doors. Hospital.

# Single

## Sliding doors



Single sliding door. Fitness centre.

**A single sliding automatic door is the simplest way to achieve a touch of distinction in any environment.**

Our single sliding door is as functional as it is elegant.

The sliding leaf moves to the right or left leaving an opening at the corresponding side.

Single sliding doors are best for installations with size restrictions.



Single sliding doors. Airport 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. Shopping centre.

# Telescopic

## Sliding doors



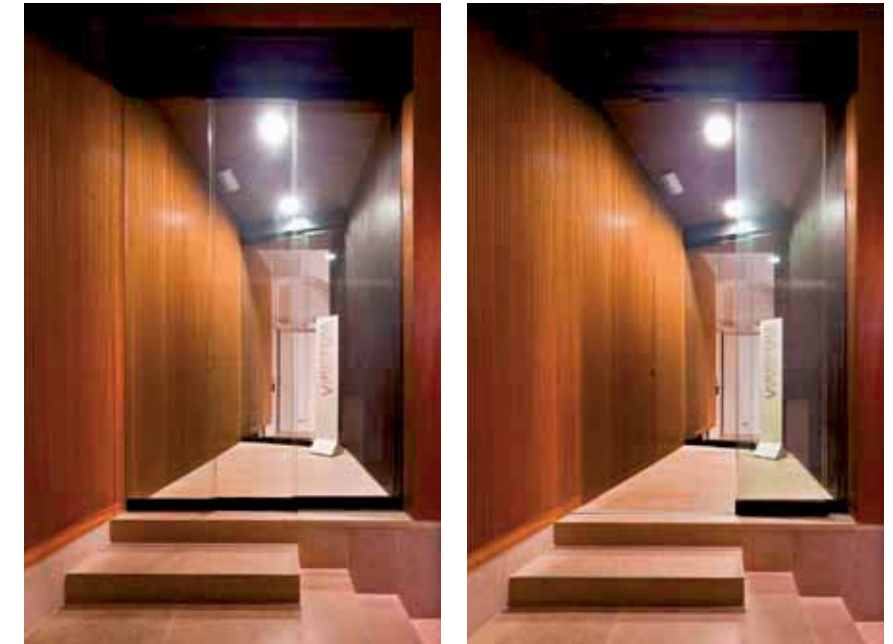
They offer the widest opening: up to 2/3 of the space occupied by the door. It achieves the maximum opening in the minimum space.

**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.

Bi-part telescopic door. Railway station

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.



Side slide telescopic door. Museum sector.



Bi-part telescopic door. Car showroom.

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.

# Curved and semicircular

Sliding doors



Circular automatic door. Library.



Curved automatic door. Corporate building.



Circular automatic door. Health centre.

**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.

Full customisation in finish options.

Wide range of accessories.

**Compatible leaves:** transparent/full framed.

## Sliding doors with Panic break-out system



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.

It is a bi-parting or single sliding automatic door that combines high traffic with an organised and safe exit of the public in situations of evacuation or emergency.

Panic break-out door with framed leaves. Shopping centre.

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 framed panic break-out:** The S44 panic break-out door, with the leaves fully framed with profiles throughout their perimeter offers high resistance and durability, which makes it suitable for high traffic sites.

S44 panic break-out system: Leaves with a 44 mm wide aluminium frame.

Sliding and break-out leaves.

**EASY SOS panic break-out:** This offers the safety of a panic break-out system without renouncing the aesthetics provided by the transparency of the glass without vertical stiles.

S40 panic break-out system: sliding and break-out leaves without vertical stiles. A door that is unique in the market.



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

Full customisation in measurements, finish options and colours.

Wide range of accessories available.



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



# Fire-resistant

Sliding doors



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



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

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

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.

Available with classification:  
E30, E60, EI30, EI60

Specific fire-resistant leaves. Tempered glass with intumescent gel. Can be customised with a wide range of accessories.

# 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.**



Clear View glass hermetic doors. Hospital ICU room.

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.

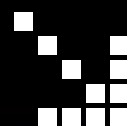
Full customisation. Surface available in stainless steel or High Pressure Laminate (HPL) available in a wide range of colours, or a combination of both.

Wide range of accessories available.

# Leaves and accessories

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.



Transparent leaves

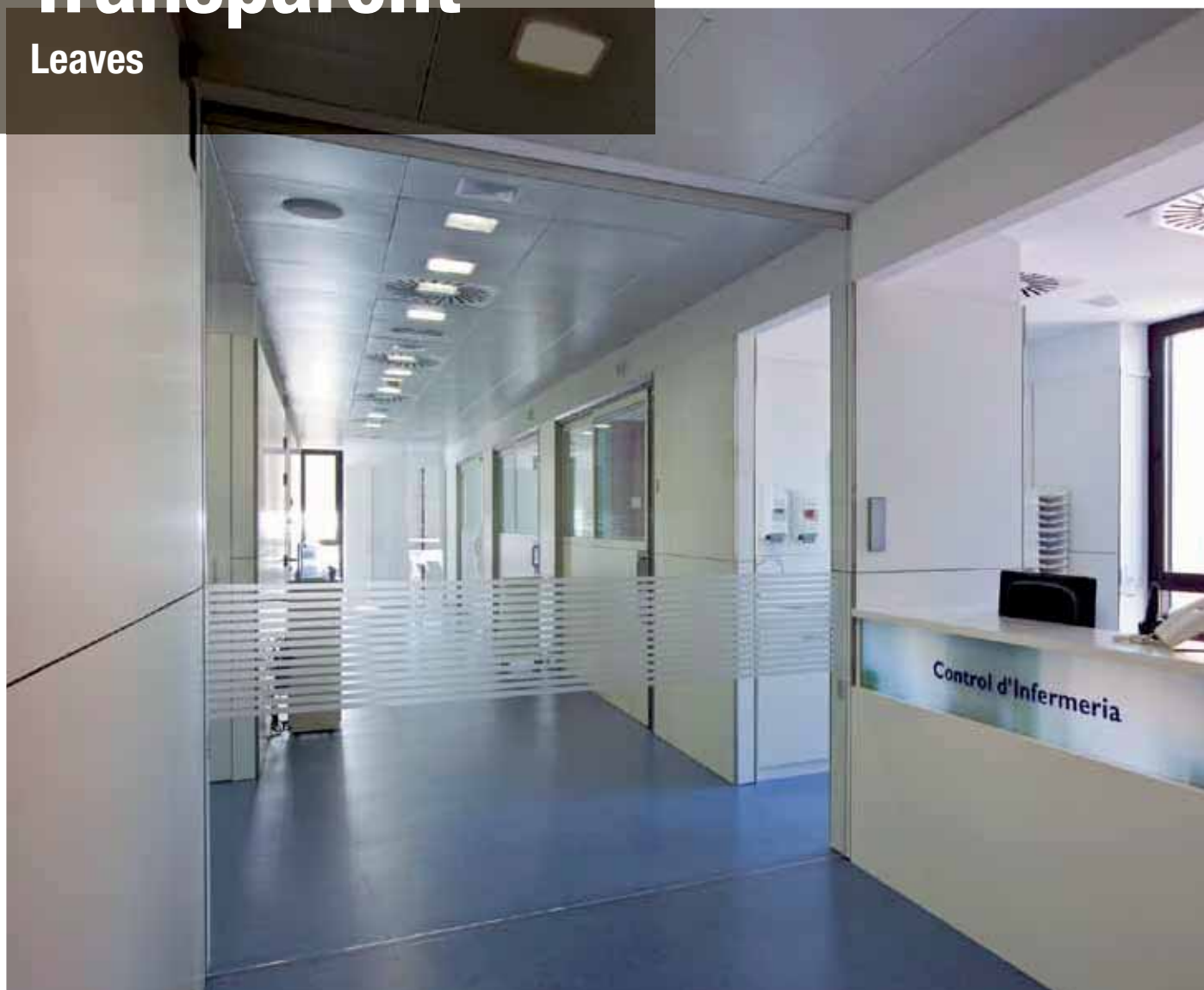
Framed leaves

Accessories



# Transparent Leaves

Single sliding door with transparent leaf with top rail.  
Hospital.



Bi-parting sliding door with transparent leaf and option of bottom rail. Retail sector.



## 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.



## 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.

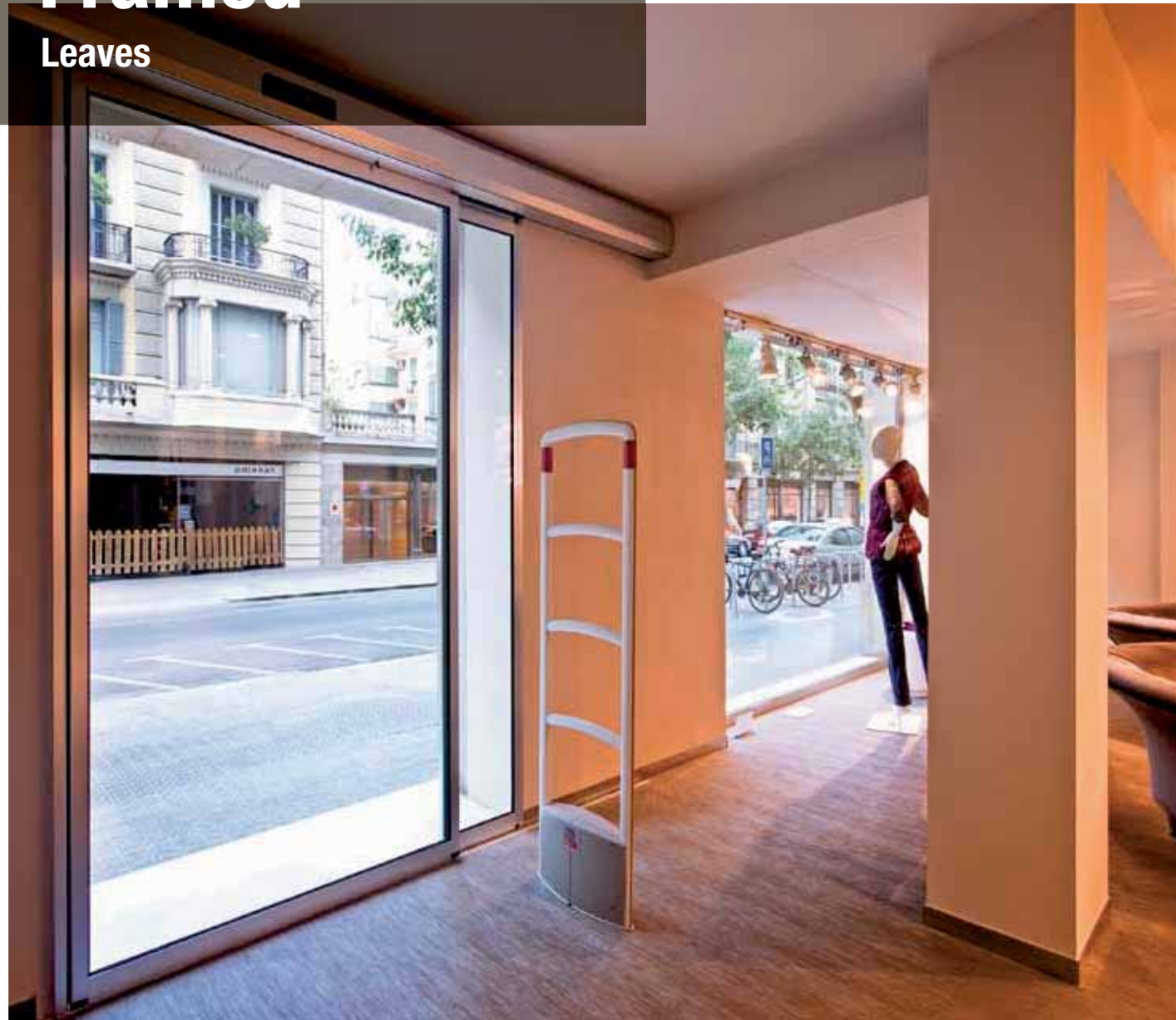
Compatible with all Manusa operators.

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



# Framed Leaves

Single sliding door with framed leaf. Retail sector.



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



## Full framed leaves

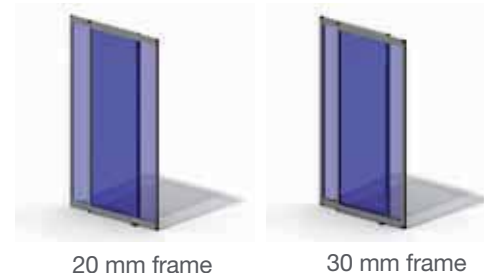
The whole perimeter of the glass is framed in 20 mm extruded aluminium.

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

## Leaves with reinforced full frame

The whole perimeter of the glass is framed in 44 mm wide extruded aluminium profiles, thus achieving extraordinary robustness for the door assembly.

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

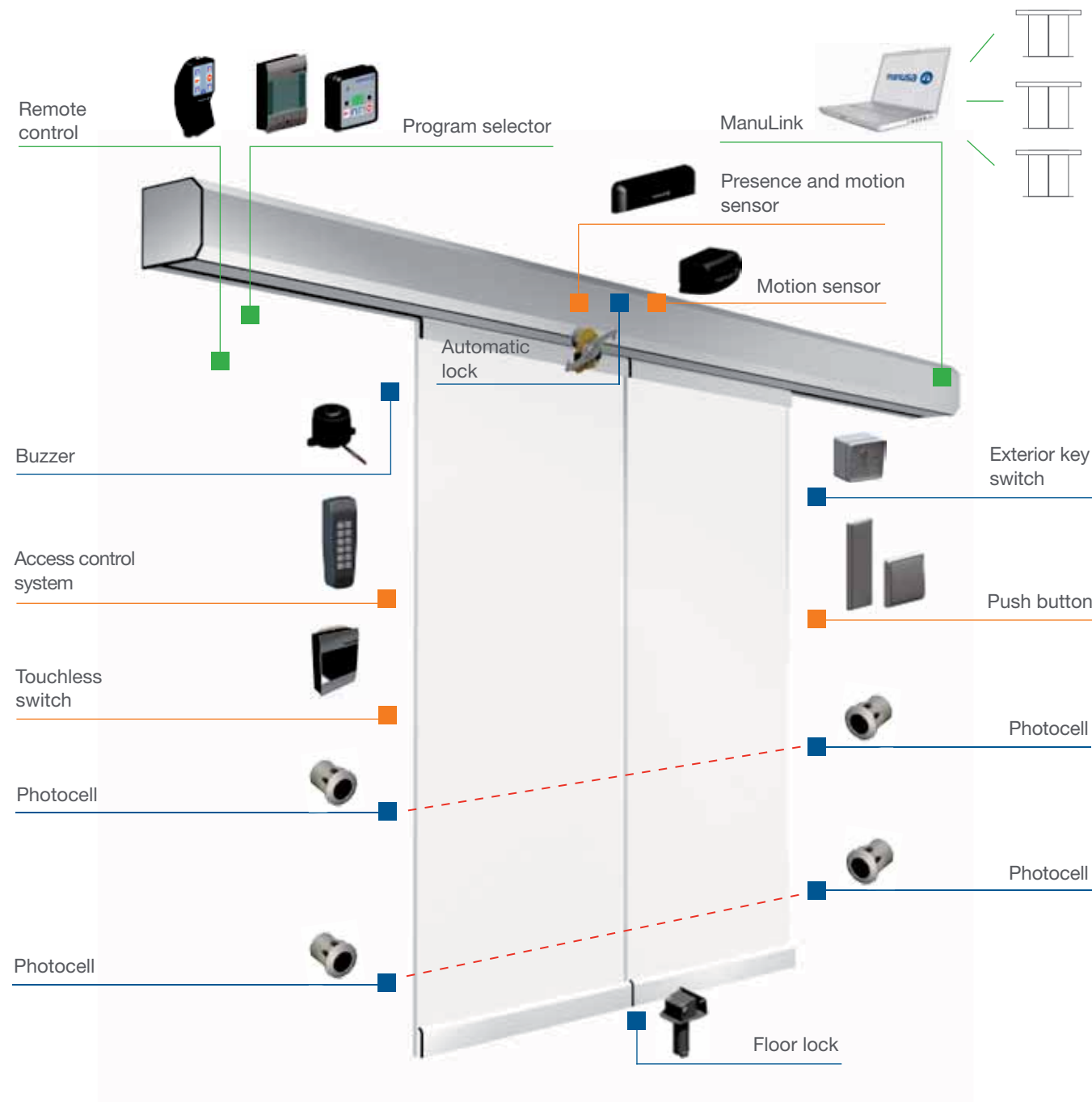
Full customisation in finish options to adapt to any project.

Applicable to bi-parting and single automatic sliding doors.



44 mm frame

# Accessories



**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.

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








## GRF wireless range

The easiest way to add functionality to an automatic door. One single receiver concentrates the functionality of all R/F accessories.

-  Recessed and surface mounted push button
-  Recessed and surface mounted elbow switch
-  Remote control for 2 or 4 doors
-  Recessed and surface mounted exterior key switch
-  Recessed and surface mounting keypad
-  Staff access identification

## Intelligent door

An automatic door can do more than opening and closing. It can become an intelligent door that not only interacts with the users, but also can provide useful data for later use.

-  **LED display:** integrated into the front cover, it can provide visual messages to the users.
-  **Audio system:** the door offers audible messages to the users, concentrating them at one point while reducing noise pollution.
-  **Concealed lighting:** provides visibility to the entrance of your business.
-  **Leaves with LED lighting:** creation of personalised designs using LED lighting.
-  **Self-dimming glass:** allows you to change the transparency of the glass for specific privacy needs.
-  **Glass with integrated Venetian blind:** a blind integrated in the glass.
-  **People counter:** provides information on the number of people entering and exiting through the door.

# Operators

- Self-engineered technology unique on the market
- Silent operation
- Extraordinary durability
- The fastest opening speed on the market



## Visio Technology

The operator that provides the most functions: connection to fire alarm, side safety sensors, people counter, LED display, etc.

The Full Glass model permits the use of fully transparent doors.

For telescopic, single sliding and bi-parting automatic doors.

- Compatible with all type of leaves.
- Compatible with a wide range of accessories.
- Available in a wide variety of colours and finish options.

## Toro Robustness



For large or heavy duty automatic doors.  
Allows the construction of exceptional entrances.

- Compatible with all types of leaves.
- Available in a wide variety of colours and finish options.

## Activa + Lightness



The slimmest operator with all the features.

For single sliding and bi-parting automatic doors.

- Compatible with all types of transparent and framed leaves (except 30 mm and 44 mm wide).
- Available in a wide variety of colours and finish options.
- With a total height of only 10 cm its design makes it ideal for interior spaces.

# International Presence

At Manusa we use all possible means to provide efficient solutions in any part in the world.

## Exclusive distributors



We are present in more than 50 countries thanks to our exclusive distributors selected for their high standards of quality and service. Thanks to them, our brand is in the best hands and our international customers are satisfied.

## Professional response



Our distributors have received training at our facilities in Spain, so they are highly qualified to guarantee our customers the best service.

## Personalised products



Our doors are adapted to the needs of the markets in which we are present, thanks to the in-house development of our products and to the constant activity of our R&D department.



# manusa

Automatic doors



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