

# Healthcare Sector

Automatic Doors



**manusa**   
Automatic doors



# manusa

Automatic doors

## 100% Manusa technology and manufacturing

At Manusa we develop and manufacture all of our products. By doing so, we can ensure that we provide the best possible response to all our customers' requirements.

As well as in Spain, we have branches in Portugal, Brazil and Singapore. Throughout the rest of the world we work with exclusive dealers who have received training at our facilities in order to guarantee the highest levels of customer care and service.



## Experience Quality Service

### Over 45 years of experience

Since the very beginning, we have been firmly committed to **innovation** and technology as a way of offering our customers the very **best products** adapted to the market and to their requirements.

### We don't leave anything to chance

We only use **first class materials** to manufacture our doors and access systems, and we subject our products to the **strictest quality controls**. During the production process we individually test our products with a 24-hour continuous opening and closing test to guarantee perfect operation every time.

### Exclusive solutions for every customer

Our team of expert professionals designs, manufactures, installs and maintains over 20,000 doors every year. This **leading infrastructure** allows us to guarantee an **immediate response** and to offer the best service. The satisfaction of our customers is our best reward and what drives us to continue improving every day.



# MANUSA RESPONDS TO THE REQUIREMENTS OF THE HEALTHCARE SECTOR

Manusa offers an automatic hermetic door to fulfil every requirement. Sliding, swing, lead-lined or glass, all our hermetic doors fulfil the necessary functional, aesthetic and hygiene requirements.

## Functional

Our automatic hermetic doors offer **unique features** that guarantee effortless, smooth and bump-free movement of the door.

## Aesthetic

Minimalistic lines and **perfect finishes** on any surface. Our doors offer a **design adapted** to each space and requirement.

## Hygiene

Due to their **flush-surfaced design** and the use of **easy-clean materials**, Manusa hermetic doors are able to maximise hygiene levels in hospital environments.

Different types of presence sensors or push buttons to meet every requirement.

Easy-clean, flush and elegantly designed vision panel with camera. Available in different shapes and sizes.

Tubular door handle with an aesthetic and minimalist design or recessed handle.

Guaranteed hygiene thanks to the use of materials such as stainless steel or high pressure laminate (HPL) available in a wide range of colours.



# VISIO HERMETIC

Manusa hermetic door  
operator.

## More versatility

- A wide range of accepted weights:
  - Visio Hermetic LD: up to 100 Kg.
  - Visio Hermetic MD: 100 - 150 Kg
  - Visio Hermetic HD: 150 - 200 Kg.
- Can be used with leaves of large dimensions.
- Suitable for use with a wide range of lead-lined doors for X-ray rooms.

## MODERN DESIGN

Cover with clean and simple lines.

Integrates perfectly in any environment.

All finishes can be fully customised.

## DOUBLE HERMETIC SEAL

Guaranteeing the highest possible level of hermetic seal available on the market.

Effortless manual opening, thanks to its exclusive spring return system.

## HIGH-PERFORMANCE ELECTRONICS

Internal technology and DSP control.

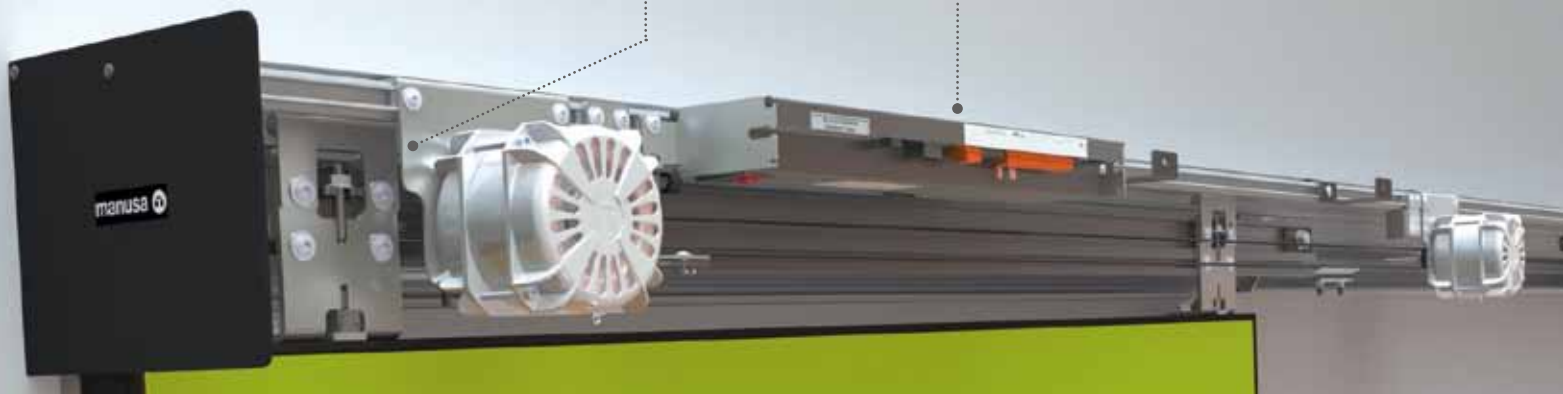
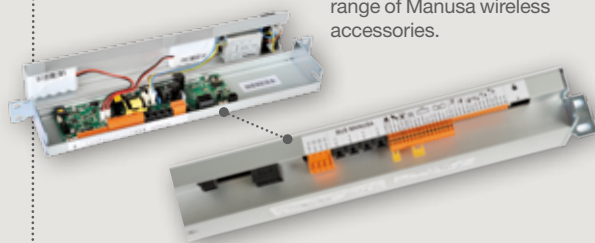
Panic break-out batteries incorporated.

## MANUSA COMMUNICATION BUS

More possibilities of accessory connectivity.

Interconnection to automation systems and industrial buses.

Compatible with the entire range of Manusa wireless accessories.



## SMART SELECTOR

New Smart operating selector, with a refined design and intuitive handling



## SMART-PROX TOUCHLESS SWITCH

Opens the door on approach, with no need for pressing buttons.



## MANULINK

Remote control and time programming option via Ethernet thanks to Manulink software.

# Sliding and Swing Hermetic Doors



Hermetic Sliding Door

**Hermetic doors are suitable for isolating specific areas. Our hermetic doors guarantee a perfect hermetic seal whilst fulfilling functional and aesthetic requirements.**



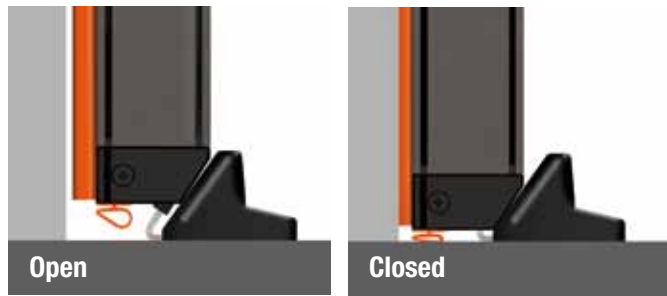
**BLOCK FRAME**

The block frame ensures a perfect fit with the leaf and guarantees hermetic sealing on any type of wall, allowing the gap to be lined with the same finish as the leaf.

**Hermetic Sealing Mechanism**

**Hermetic Sliding Door**

In order to guarantee correct hermetic sealing, the leaf drops down 15 mm towards the floor and fits 10 mm towards the frame so as seal the perimeter of the gap.



**Hermetic Swing Door**

The leaf is sealed at the side and top to guarantee a perfect hermetic seal. It is also equipped with a mechanism that slides along the floor to ensure the door is sealed at the bottom too.



\* Sliding doors available in side and single bi-parting versions and swing doors available in single-leaf and double-leaf versions.

# Doors for X-Ray Rooms



## LEAD-LINED VISION PANEL

Vision panel with lead-lined glass and camera to allow vision whilst protecting against X-rays.

Our automatic lead-lined doors for X-ray rooms guarantee adequate insulation in such areas thanks to the lead lining on both the leaf and vision panels. These doors can also be hermetically sealed based on the requirements of the room.



## ISOLATION

The leaf contains two 1 mm layers of lead that overlap with the lead inserts in the walls of the X-ray room to ensure perfect isolation.



# Clear View Hermetic Doors

## VISUAL CLARITY

Transparency which enables a greater control of the inside of the room.

Clear View Door

These doors are suitable for observation rooms since they provide great visibility of the interior of the room, whilst also guaranteeing a hermetic seal.



## ELECTRO-POLARISED GLASS

Allows the transparency of the leaves to be changed for specific privacy needs.

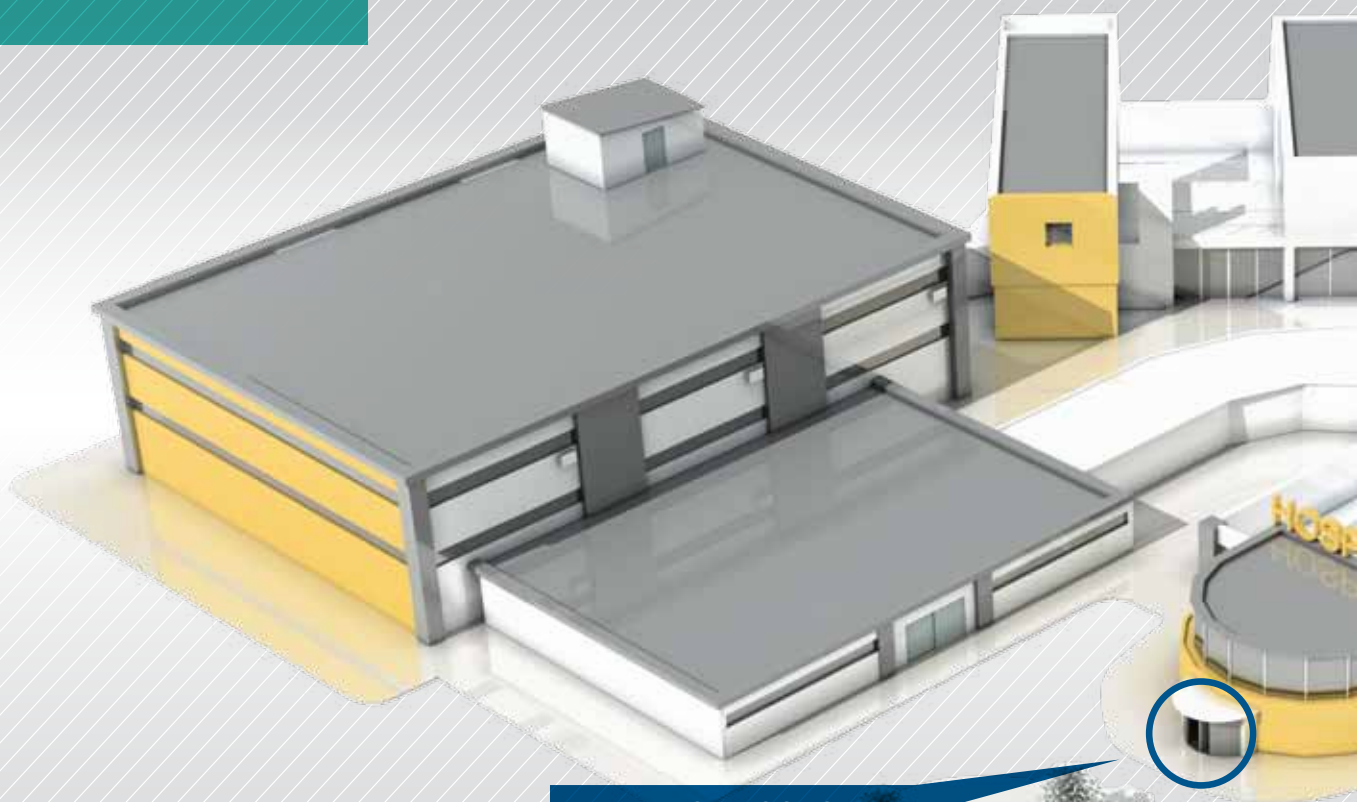


## GLASS WITH INTEGRATED VENETIAN BLIND

A blind integrated in the leaves.

# Comprehensive automated access solutions

With a wide variety of automatic door systems, Manusa offers its customers a comprehensive service, providing effective solutions for every area of a hospital complex.



ENTRANCE DOORS

## CONTROLLED ACCESS

Manusa provides the option to equip automatic doors with access control systems or to control them remotely via industrial buses or communications systems, thanks to the Openlinx system.



Automatic bi-parting or single opening, telescopic, curved or revolving doors for high transit entrances and exits.



Hermetic sliding doors



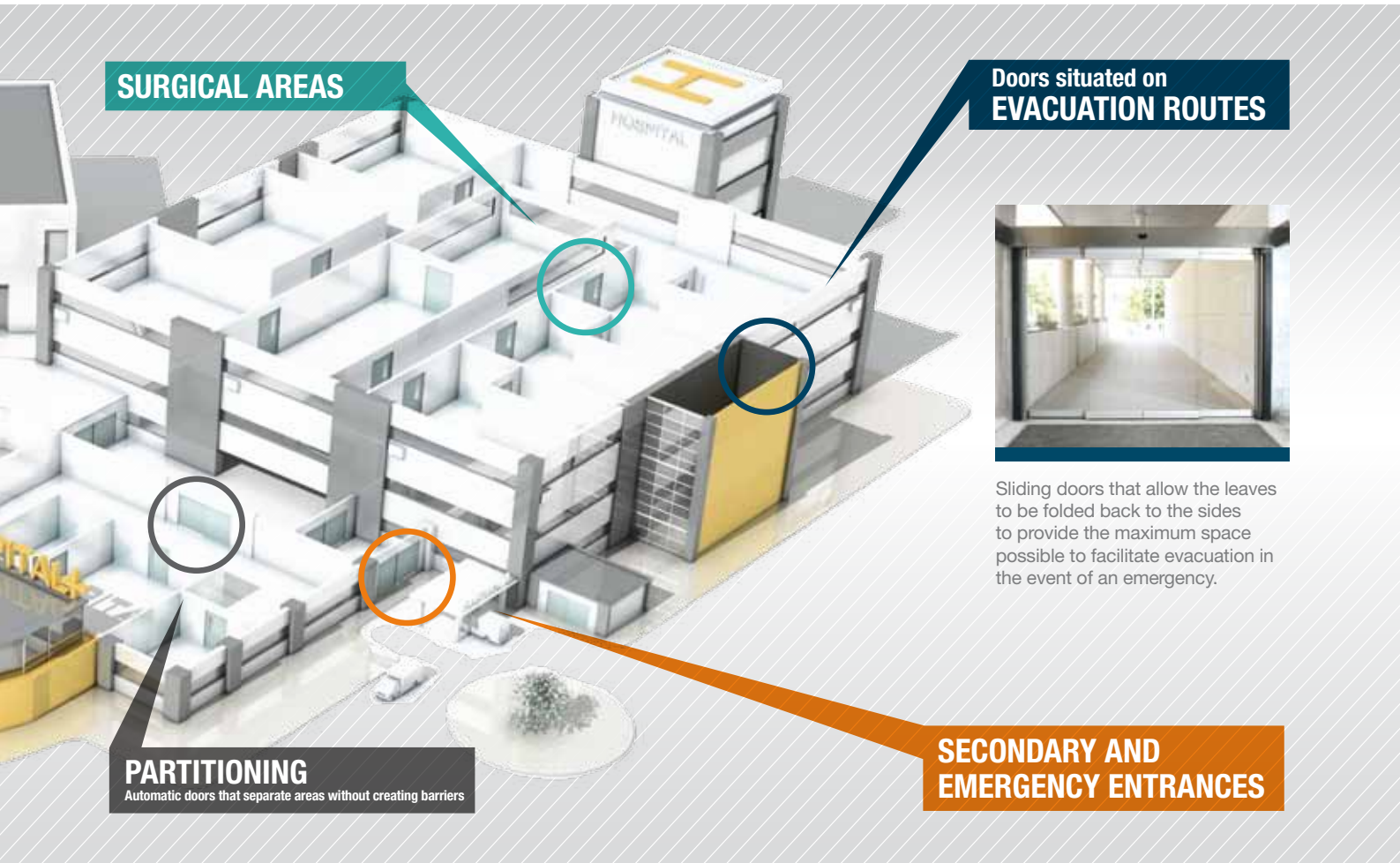
Hermetic swing doors



Lead-lined automatic doors



Clear view hermetic doors



For separation purposes only.



Fire-resistant doors manufactured entirely in glass and aluminium.



Sliding doors



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