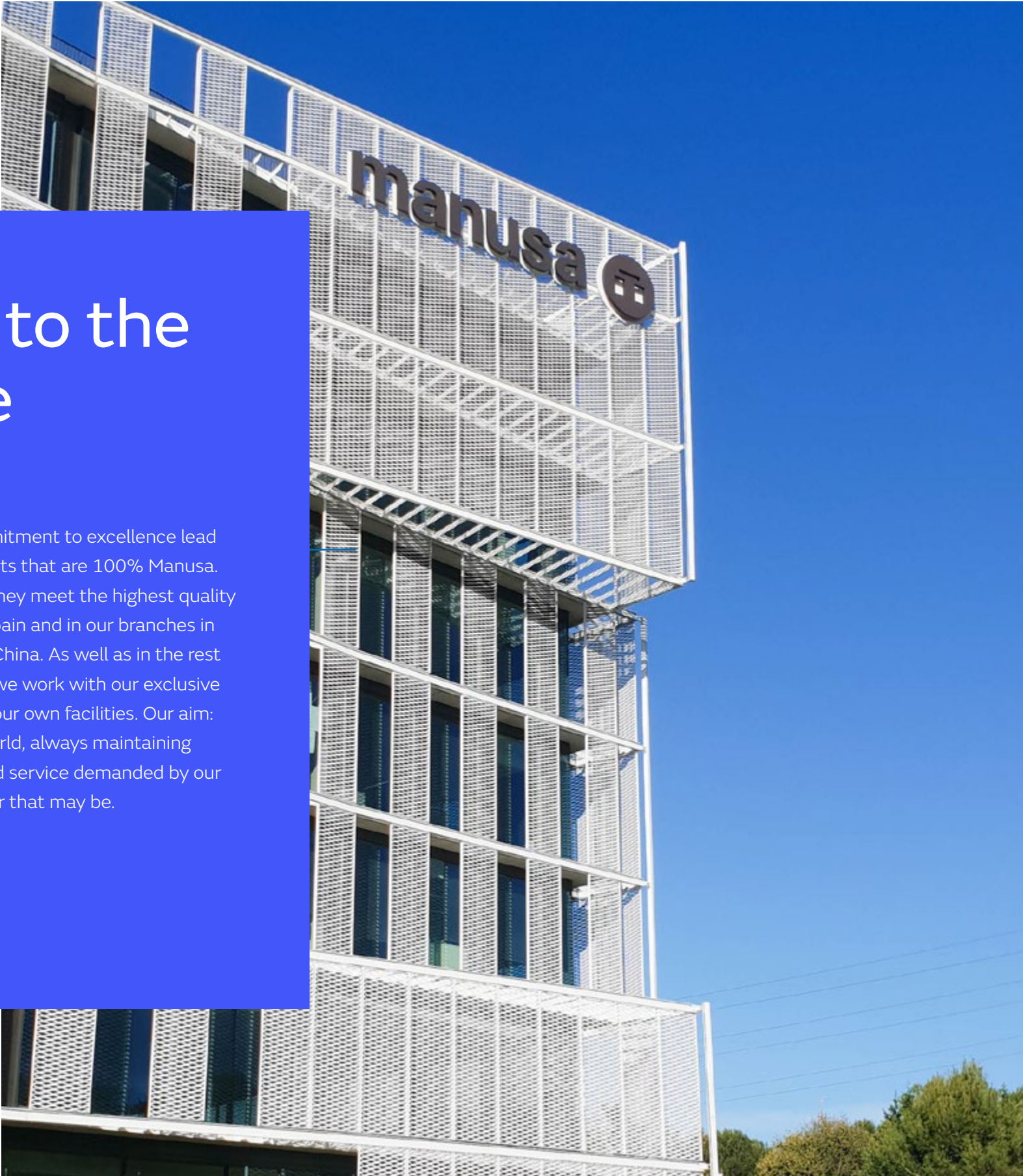




Automatic doors for residential communities

manusa  | residential
solutions

A photograph of a modern building facade with a white, perforated metal screen. The word 'manusa' is written in large, dark letters on the screen, followed by a circular logo containing a stylized 'M'. The building is set against a clear blue sky.

Open to the future

Keeping a firm commitment to excellence lead us to develop products that are 100% Manusa. We guarantee that they meet the highest quality standards, both in Spain and in our branches in Portugal, Brazil and China. As well as in the rest of the world, where we work with our exclusive suppliers, trained in our own facilities. Our aim: to be open to the world, always maintaining utmost attention and service demanded by our customers. Wherever that may be.

Open to leadership

The Manusa Group, created more than 50 years ago, has grown to become a leading company in the creation, design and development of all types of intelligent access. Our extensive experience, not only in the development and continuous improvement of our products, but also in the sector, have made us the benchmark national manufacturer. Thanks to a firm commitment to innovation and technology, we are able to adapt to the latest market trends, and thus continue opening the doors of the future, to be closer to you.

Open to excellence

We maintain the highest level of excellence throughout the development of each project, providing versatile solutions with the latest technology to offer you a complete comprehensive service. We also use premium-quality materials when manufacturing our doors, subjecting them to the strictest controls, to guarantee perfect operation and complete peace of mind.

Open to you

More than 20,000 access points designed, manufactured, installed and maintained each year by our expert and extensive team of professionals in over 90 countries, guaranteeing convenience for millions of people. Because we are oriented towards the development of accesses and services with honesty and dynamism to continue being a trusted partner.



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Why Manusa?

Manusa has a complete range of automatic doors, with solutions specially designed for projects in residential communities, offering you the most complete proposal on the market.

- We advise you throughout and coordinate all phases within the project.
- We design customised solutions.
- We incorporate the latest technology, adapted to each user.
- We accompany you and ensure that you receive top-quality technical assistance from our own personnel.



Advantages of an automatic door

The benefits of installing an automatic door in your community.

Automatic doors are very useful when **accessing our residential areas**.

They offer various advantages that make our lives easier when entering or leaving the **doorway to our block of flats**.

In **residential communities**, not only do they improve **accessibility**, but also improve **security**, **hygiene**, **energy efficiency**, save space and improve the design.



CONVENIENCE AND ACCESSIBILITY

- An automatic door in a residential community means barrier-free accesses, a plus for the comfort of all the residents.
- Thanks to the multiple combinations of access systems, the elderly people with reduced mobility, or people carrying shopping or pushing baby strollers can enter and leave with ease.



EXCELLENT VALUE FOR MONEY

- Contrary to what one might think, the cost of an automatic door is similar to that of a traditional door, and it offers numerous advantages, the same level of security and better features.



SUSTAINABILITY

- The automatic door remains closed when not in use, maintaining indoor temperature.
- The transparency of the glass lets more natural light in, thus reducing energy consumption.
- It reduces noise pollution with a completely-silent operation.



VERSATILITY AND DESIGN

- An automatic door in the community provides an air of modernity, increasing the value of the property and giving it an exclusive look.
- Different automation possibilities for all types of entrances.

+ than 500

installations in communities in
the last 5 years

At Manusa, we know that making the decision to install an automatic door is not always easy, much less if it is the main access for a residential community. Often, the most important question when taking this step is related to safety and building security.

That is why at Manusa we strive every day to improve our products so that they meet the strictest safety and reliability standards. Through periodic reviews, we ensure that the door is always kept in the best condition.





Safe doors, above all

SAFETY FOR ALL USERS

- The presence sensors **detect people or objects** in the closing path of the door. This prevents entrapments or blows, especially to those most vulnerable such as children, the elderly or people with reduced mobility, thus complying with standard EN16005.
- **Protection against the risks of entrapment or opening impact** can be done by regulating the safety distances or by installing presence sensors.
- With **contactless buttons**, doors can be opened normally from the inside without the need for physical contact, **a plus for hygiene** and safety when using the door.

EVACUATION SAFETY

- In accordance with regulations (Technical Building Code and Basic Fire Safety Document), in the event of a power failure, the automatic door will open for the building to be evacuated. The door can be **moved manually until the power returns**; from that moment on, the door will work normally again.

SAFETY AGAINST INTRUDERS

- The unconventional lock system that is not accessible from the outside means that the door **cannot be manipulated and cannot be opened**.
- The door **always closes behind the user**, ensuring that it always remains closed.
- The impact-resistant **laminated safety glass** installed in our automatic doors, as well as the option of installing an **anti-leverage guide**, provides extra security and reliability.
- Allows for a **controlled key management** for authorised users only, thanks to the multitude of access control alternatives that can be installed.

Our Proposal

At Manusa, we not only offer you a wide product catalogue, but we also work so that you don't have to worry about a thing.

- Regulatory advice and coordination with other trades right from the start of the project.
- Design of a customised and adapted solution for each access.
- Removal of the old door and installation of the new door in 1 day.
- Installation by our own qualified personnel to ensure the correct assembly of the door.
- Strict compliance with Occupational Risk Prevention regulations in all our processes.
- Connection of the door to the intercom and to the fire alarm systems.
- Delivery of opening keys prior to installation.
- Delivery of approved documentation of the installation.
- Own Technical Support Service, which will resolve any incident within or outside the warranty period.
- Maintenance contracts adapted to ensure the proper operation of the door and to prolong its useful life.

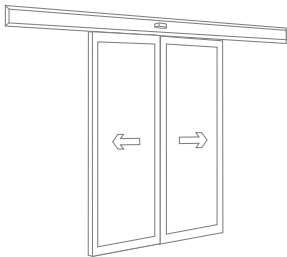




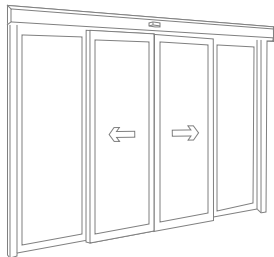
Sliding Doors

Manusa door leaves may be adapted to allow different finishes; the leaves can be customised with vinyl and with special bulletproof, glass, mirrors, antireflective glass, among others.

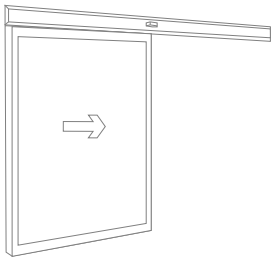
SET OF LEAVES



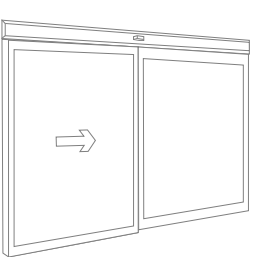
Bi-parting door
without fixed leaves



Bi-parting door
with fixed leaves

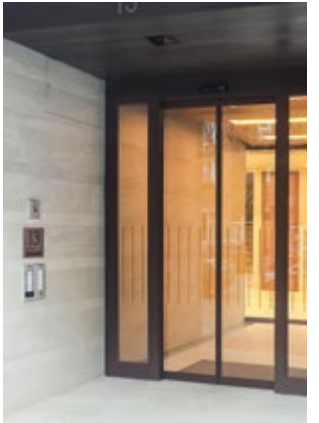


Single slide door
without fixed leaves



Single slide door
with fixed leaves

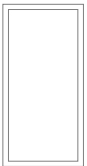
PROFILES



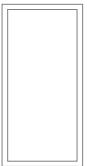
Transparency
Leaf with top
profile and 20 mm
glass.



Resistance
Leaf with top and
bottom profile and
20 mm glass.



Robustness
Leaf with full
framed profile and
30 mm glass.



Watertight integrity
Leaf with full framed
profile, glass up to
30 mm and safety
electromagnetic lock.

Automatic sliding doors optimise the space available in the lobby, by sliding the leaf over the glass or wall, and adapting to the entrance ramp.

They can be lateral or bi-parting opening, and installed with or without fixed leaves. In the case of limited space where maximum passage width is needed, a **telescopic opening system** can be installed.

Automatic sliding doors are the most popular and functional. They bring a touch of distinction and elegance to any environment in a simple way.

Manusa automatic doors offer **a fully functional and high-quality solution**, thanks to their extensive customisation possibilities. They are specially designed to guarantee the lowest visual impact and **greater integration within different architectural ensembles**. Thanks to the exclusive Manusa technology, **we offer the highest silent opening speed on the market**.



Swing doors

Automatic swing doors are the ideal solution for those entrances that, for architectural reasons, do not offer the possibility of installing sliding doors.

Unlike sliding doors that feature a bi-parting or single-slide opening, automatic swing doors open by rotating either inwards or outwards about an axis, and can be customised with left or right opening.



1-leaf swing door
left or right opening
without fixed leaves



1-leaf swing door
left or right opening
with fixed leaves

We automate manual swing doors

Benefits of automating a manual door

In access doors to residential communities, we often find manual swing doors. Manusa offers you the possibility of automating the door in an easy and simple way, without having to change the entire door assembly.

It is a simple process with minimal costs that provides numerous benefits in addition to individualised key management, offering greater accessibility, providing extra hygiene and preventing the door from being tampered with and/or forced, as in the case of sliding doors.

Smooth and silent closing



The LowEnergy system offered by the drive unit allows obstacles to be detected and helps to soften the impact of the door when closing, benefiting the community by reducing noise.

Easy opening



In addition to buttons, sensors or other systems that activate the opening, the drive unit incorporates the Push&Go operating mode. This mode activates automatic opening with the first manual effort applied to the leaf, facilitating the opening of the door.

Possibility of keeping the current door



After the door has been automated, it continues to function as a manual door as well, so that, in the event of a power failure, access to and exit from the building is guaranteed. The automation of manual doors also makes it possible to keep the cylinder lock and the current key.

Minimum work



The current door is maintained in the installation, which translates into the minimum work possible and ensures better use of the investment.

We adapt to all needs

Our products allow customisation both aesthetically and functionally.

Different operating modes. **

- Controlled entry and free exit mode, or standard mode.
- Open mode for cleaning tasks, moving home, ventilation, etc.
- Night mode with controlled entry and exit.
- Free or automatic entry and exit mode, useful in communities with concierge services or professional offices.

Access control systems

The traditional intercom system is fully compatible with the automatic door, and can be combined with the access control system:

- **Remote control**
- **Proximity key or tag**, which allows opening by approaching the system receiver.
- **Doorwifi App**, exclusive Manusa remote opening system.



Exit pushbuttons *

Allows the door to be opened from the inside.



ERP Lock

Ensures opening of the door when there is a power cut.



Customisation with decorative vinyls. *

Airlock system *

The entrance to the housing blocks sometimes needs a composite solution to increase accessibility. At Manusa we offer the possibility of installing two automatic doors. One of them works as the main entrance, while the other door can be programmed with restricted access.

Stairlift integration

With its own access control.

Possibility of keeping the current cylinder lock with ignition key. *

Traditional key. *

It allows the activation of the opening mechanism while restricting access to authorised persons only.



Possibility of customising the finish of the profiles. *

Safety guide *

Profile embedded in the ground to keep the leaf in its correct position throughout its entire trajectory.

Weatherstrips* under the door to insulate against dust, drafts and dirt from the outside.

Customisation

* Optional

** Operation modes can only be changed by authorised persons.



Easy, safe and virtual.

Control and manage all your doors with a simple gesture, at any time and from any location. With Doorwifi, you can remotely assign virtual keys, choose the timetable program for their use, and change the opening and closing modes.

In addition, you will always be able to keep your spaces safe thanks to the functionalities of reports, warnings and alerts, as well as direct contact with the technical support service, that will provide you with immediate attention for any incident that your door may have.



Doorwifi is the new application developed by Manusa, which allows you to manage access to the front door from your mobile.



- Control your doors in a remote and portable manner thanks to the mode program switch featured in the app.



- Keep your door always safe thanks to the assignment of different roles for user or administrator.

AUTO

- Program the times at which you want the door to switch to automatic opening mode.



- Manage various doors from the same application.



- Control access in real time. You may assign unlimited virtual keys, and give them restricted timetables depending on the needs of each user profile.



- Forget about key loss or copying.



- Check the status of the door at all times and in real time.



- Check the access and event history.



- Check your door's warnings and alarms.



- Access the technical support service directly, thanks to the notification button on each of your doors.



- Remotely update the door whenever necessary.



- Always stay informed thanks to the news section.



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