

# AS

AUTOMATIC  
SLIDING DOORS



AS

AUTOMATIC SLIDING  
DOOR OPERATORS  
COMPLETE RANGE

# AS MAX

## AUTOMATIC DRIVE OPERATOR “HEAVYWEIGHT”

AS MAX automatic drive operator is the most powerful system within the Ponzi AS range and it has been specifically designed to be used in particularly demanding settings in terms of door wing weight and size. Ponzi's R&D Office developed and created an enhanced automation capable of supporting continuous traffic flows with heavy door wing weights, ensuring high reliability and durability. AS MAX automation is suitable to move 2 wings with a weight of 170 kg (each) or 200 kg for single doorwings version. This MAX version is used to move “oversize” door wings for entrances of banks, post offices, jeweller's shops and in sensitive areas of buildings subject to specific access control or high-security requirements. Electronic control of the system, with its numerous adjustments, settings and available features, was designed to be able to interact with the most sophisticated external systems, whether access control systems or smoke detection ones, etc. also through the application of card readers. The double, powerful and silent AS MAX motor ensures top performance. The AS MAX automation can also be used combined with PONZI thermal break frame profiles featuring high insulation characteristics, suitable for all applications in which energy saving is required, along with significant performance even with continuous and high traffic flow. The thermal performance of the thermal break automatic door has been tested in a certified laboratory and offer a particularly low thermal transmittance value, especially for a sliding door. It is the first system with thermal break profiles and double glazing designed by PONZI R&D Office specifically for use with sliding doors. It can be easily installed on all Ponzi AS sliding automations.

AS MAX  
double  
motors



Luxury Hotel prestigious entrance - italian design



Bank main entrance sliding door for extra protection - heavy glasses



Airport entrance door - antipanic breakout doorwings



Security entrances with double automatic doors opening under interlock function - suitable access control areas



Architectural and design buildings - special high entrance



# AS3

## A DIFFERENT AUTOMATION: THE ADVANTAGE OF MODULARITY

The new PONZI AS3 automation, evolution of the AS1, is completely renovated from the point of view of control electronics, power supply and other important components. More compact, more efficient, more complete and higher performing than the already excellent AS1, the new PONZI AS3 combines the latest technologies in terms of automatic door movement. It is smaller, making it optimal for any architectural setting. The control board is of the latest generation, complying with the most recent and strict Standards (EN 16005), for its high performance and maximum safety for the user. Uses innovative components and is developed with an architecture that meets the stringent safety standards (EN 13849-1). It has record-breaking reliability and silent movement, thanks to a sturdy and reliable German gear motor, a support and movement structure designed to cancel out vibrations and maximize quietness, with a highly efficient transmission system. Even more simple to install, wire and start with the new structure of the control board and the new guided wiring terminal panels: a real "Plug and Play" system. The new AS3 is designed to be connected to all the latest generation control and safety sensors (EN 12978), meeting the most recent European regulations EN 16005 in terms of the higher level of safety in use. To prevent break-in, there is an electro-lock, electric shut-down of door wings and automatic closing system in the event they are forced. Each component has been redesigned and created with the most modern and reliable technologies so that the AS3 system is even more innovative and user-friendly, technological and adaptable, simple and safe, adapted to the various types of customer, to satisfy the widest ranges of automation: from shops to shopping centres.

AS3  
innovative  
technology



Railway Station - automatic doors solution suitable for intensive traffic and passengers controlled area



Office entrance - thermal insulation with heavy glasses



Airport main entrances - AS3 for its performant technical characteristics is suitable for heavy airport traffic flow



Museum - design and electronic security integration

# AS4

## AUTOMATIC DRIVE OPERATOR "LIGHTWEIGHT"

The AS4 automation is designed to guarantee maximum practicality and flexibility of installation, thanks to the modular configuration, which allows assembly quickly and with optimal results. AS4 can drive two leaves of 70 Kg each or one leaf of 120 Kg. The AS4 system complies with standard EN 16005 and was designed to integrate with PONZI profile systems with a thickness of 50 mm and 20 mm, together with special EPDM seals. Entry level product with high level solution and function. Reliable, quiet and mechanically tested used on the complete AS range. It has a simplified electronic control to be easily installed and allows an easy maintenance control, thanks to adjustments and settings made by simple potentiometers and dip-switches, without the need of a programmer or other special devices. AS4 is an automation projected, constructed and tested for intensive use (4 cycle per minute) that allows application in places in which use is frequent such as supermarket, shops, hospitals, offices, hotels, pharmacies, etc. A product that is 100% Made in Italy with Italian know-how and technology in the design, construction and assembly and maximum guarantee, quality and reliability. AS4: evolved technology available to everyone. As for all AS range automations, bars of aluminum profiles with a length of 6.5 meters or 4.5 meters can be supplied, as well as accessories and a wide range of sensors, control and safety devices.

AS4  
simple  
automatic



Hotel - internal filter with PONZI slim profile



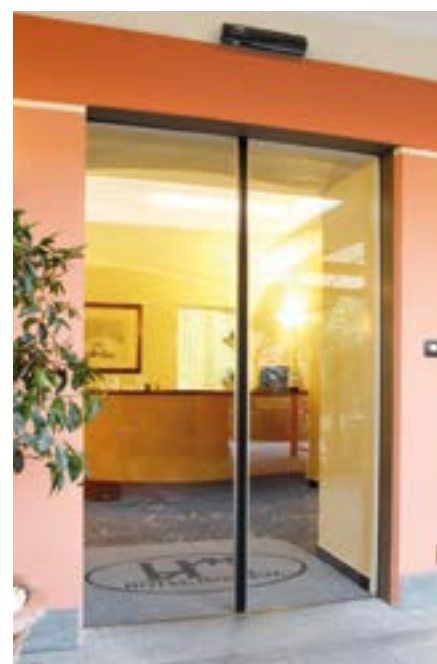
Supermarket - the best choice for an easy and continuous access



Shop - AS4 practical solution for reduced space



Commercial activities are requiring safe and security access - AS4 a right solution for an easy traffic flow



Hotel small entrance - silent, safe and secure

— | SIMPLE AUTOMATION FOR ANY APPLICATION | —



# AS - TS

## TELESCOPIC AUTOMATION FOR SLIDING DOORS

AS TS is the perfect solution for entrance doors that require a larger clear passage than those obtained by means of traditional simple linear automations with 2 door wings. These automations are particularly suitable in situations such as corridors, internal filters or even main entrances where the available space for the mechanism would not allow sufficient opening. With this type of automation, the opening space is 30% larger if compared to conventional sliding automation systems, thus guarantees easy access to users as well as significantly reduction of architectural barriers. The unilateral automation (2 mobile door wings sliding to the same side) is made up of a double sliding track and has a capacity - in its standard version - of 80 kg per door wing. The bilateral automation (4 mobile door wings, 2 of them sliding to one side, and 2 to the opposite one) is made up of a double sliding track and has a capacity - in its standard version - of 60 kg per door wing. A clear passage from 800 to 3000 mm can be achieved in both solutions thanks to this system. Both in the unilateral and in the bilateral versions, automations are already assembled and the transmission between slow and fast door wings is already made during assembly, which simplifies installation and commissioning. PONZI telescopic automations are manufactured in accordance with the highest quality standards and are able to meet even the heaviest operating conditions, thanks to their exclusive design and state-of-the-art operating system. The automation is easy to use and will perfectly meet any specific needs of the building in which it is installed. As with the other automations in the AS series, PONZI profiles are available in various colours and finishes, specially designed to ensure maximum functionality, air tightness and safety of use. The TOS (Total Open System) anti-panic system is also available for 50 mm PONZI profiles, complete with surface guide or guide recessed into the floor.

AS - TS  
fast  
reliable



Office building - easy opening passage in a small space



Shop entrance - easy way for transit of trolleys and carts



Prestigious shop in historical context - "all glazed" wings



Retail shop - Bilateral Telescopic the widest entrance suitable for an easy access to all kind of customers



Boutique Hotel main entrance - slim profile 20 mm

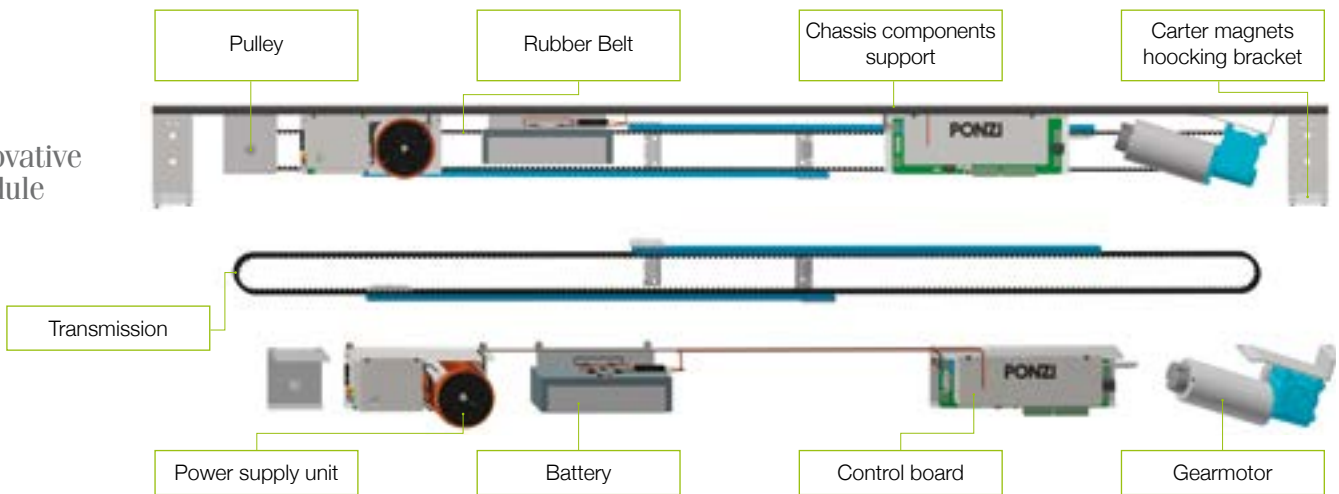
— | THE OPTIMAL SOLUTION FOR WIDE PASSAGES | —

# AS

## THE INNOVATIVE MODULAR CONCEPT

An automatic entrance with an AS system is easy and fast, thanks to its structure, to the separation between the mechanical and automation systems, and its sophisticated self-learning, management and control electronic system. A sturdy and handy unit (Module) is the "heart" of the automation and it can handle doors with a passage opening space from 800 to 2500 mm. The Module consists of a compact microprocessor control unit, that controls and supervises every action of the AS system, allowing a quick and easy installation with its functions of global self-learning of typical parameters, based on the specific installation (opening width, door wing weight, friction, etc.). A versatile low-voltage gear motor unit with integrated electronic encoder guarantees precise movement, as well as excellent operating speed combined with a noiseless operation. The Module also features a quiet and reliable cogged rubber belt transmission system and a battery group. Just one article in stock to automate any type of sliding door. The Module is pre-assembled and wired on an appropriate supporting extruded element designed for an easy assembly to the sliding track. The robust door wing sliding and support system is separated from the Module and is installed as a normal manual sliding door, with one or two wings. The full automation is achieved through a few simple operations, combining the Module with the sliding system.

AS  
innovative  
module



## SENSORS & CONTROL DEVICES



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