

# AUTOMATIC DOOR SYSTEMS FOR EVERY APPLICATION



# DOOR SYSTEMS THAT OPEN UP NEW POSSIBILITIES

Looking for an automatic door system that's tailored to your individual needs? Depending on the type of building and sector concerned, your focus when it comes to choosing automatic doors may be different: on convenience or security, on design or day-to-day practicality. Hygiene, energy efficiency and regulated pedestrian flow may also influence your decision. This brochure highlights the broad range of top-quality automatic doors available from Gilgen Door Systems. Whatever you're looking for, you're certain to find the perfect match here.

## Contents

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Sliding doors	
Standard	page 4
Design	page 6
Energy efficiency	page 8
Burglar-resistance	page 10
Hermetically sealed	page 12
Fire safety	page 14
Escape routes	page 16
Curved	page 18
<hr/>	
Swing doors	page 20
<hr/>	
Folding doors	page 22
<hr/>	
Custom solutions	page 24
<hr/>	



### Sliding doors

Innovative sliding doors optimise barrier-free access from one room to another. The range of doors available from Gilgen combines individual design options with clever functionality, to offer you products that are safe, secure, hygienic, visually attractive and convenient.



### Swing doors

Swing door drive units are impressively powerful! They can automate most types of door up to 250 kg and are suitable for new or existing doors. Gilgen's innovative swing door drive unit combines style with powerful performance – and can even be used with fire safety doors.



### Folding doors

A lack of space need not rule out convenience. A folding door saves space while providing easy opening and closing. Automatic folding doors from Gilgen are ideal for corridors and passageways where space is limited.



### Custom solutions

Looking for something a little different? Our engineering team will work closely with you to develop special solutions that are tailored to your individual needs. Once the concept has been agreed, we will plan your door system, manufacture it and install it.

# EVEN STANDARD DOORS CAN SET STANDARDS

Gilgen sliding door systems have to work hard and perform effectively. Even in standard format, they offer impressive levels of convenience and hygiene and help regulate pedestrian flow. They also add an attractive designer touch to any entrance or access point.



## Main advantages

- Single and bi-parting
- Two and four door leaf, telescopic
- With option of side panel, glazed overhead panel and protection leaf
- Leaf locking mechanism
- Ideal combination for versatile use
- Certified overall system (EN 16361)





# YOUR DESIGN IS THE MEASURE OF ALL WE DO

What design concept are you looking to achieve? Futuristic? Elegant? Timeless? With Gilgen sliding doors you can choose state-of-the-art all-glass structures, glass details in low-profile frames or innovative layered glass. We are also happy to cater to individual requests, ensuring that your Gilgen sliding doors blend seamlessly into your overall architectural concept.

## All glass

All-glass sliding doors from Gilgen Door Systems combine aesthetic design, high quality and an ultra-modern look. The frameless format offers full transparency and makes a powerful design statement at the entrance to your construction project.

## Layered glass

The layered glass variant of the automatic sliding door from Gilgen Door Systems also has an impressive aesthetic appeal. The layered glass sliding door is ideal for any building owner or architect looking for a design that is both state-of-the-art and inviting.



## Low-profile frames

Sliding doors with low-profile frames combine a slim profile and maximum stability in an ideal form. The subtle profile system protects the glass perfectly, both indoors and outdoors.





# MAKE HEAT LOSS A THING OF THE PAST

Is a low energy footprint as important to you as it is to us? With Gilgen Door Systems' thermally insulated profile systems and low-energy operation, there's one constant you can count on: the temperature inside.



The energy-efficient Gilgen sliding door combines first-class energy efficiency with the same slim profile, making it the ideal external door. It is also available in an RC3 variant.

#### Main advantages

- High thermal insulation/low  $U_d$  value
- Low air permeability
- High water tightness in driving rain
- Emergency exit function (redundant)
- Burglar-resistant version RC2/RC3
- Meets energy-saving specifications, e.g. German EnEV (please note country-specific requirements)
- Certified overall system (EN 16361)







Willkommen



# NO ACCESS FOR UNWANTED GUESTS

Don't want to take any chances? Good decision. Sliding doors from Gilgen Door Systems meet the highest of standards when it comes to burglar resistance. Automatic door and gate systems can be locked securely and programmed to operate in manual mode outside opening hours.



Buildings and premises that are at an increased risk of break-in need access points that are not only attractive but, above all, secure. With their slim aluminium profile, Gilgen automatic doors manage to combine the highest safety standards with an appealing, transparent look.

## Properties

- RC2 and RC3 burglar-resistance
- High thermal insulation/low  $U_d$  value
- Various design options
- Single and bi-parting sliding doors
- With side panel, glazed overhead panel and protection leaf
- Vertical interlocking
- Emergency exit function (redundant)
- Complies with European burglar-resistance standards  
EN 1627 - EN 1630





# DOORS THAT GUARANTEE AN AIRTIGHT SOLUTION

Where impermeability is crucial – in hospitals, doctors' surgeries, laboratories or cleanrooms, for example – hermetic sliding doors from Gilgen Door Systems help you maintain your hygiene and environmental standards.



The hermetic sliding door from Gilgen automatically creates a seal for your rooms, preventing the unwanted exchange of air, impurities and other contaminants. When the door is closed, the pivot mechanism in the drive unit lowers the door leaf and presses it against the door frame. In combination with the sealing gaskets, this lowering movement ensures that the door creates a hermetic seal.

## Properties

- Controlled hygiene
- Highly airtight
- Contactless operation
- Patented pivot/lowering mechanism and sealing gaskets all round prevent the unwanted exchange of air and the intrusion of contaminants
- TÜV-approved overall system – air permeability as per EN 12207 (Class 4/Class D) and EN 16361 (Class PPD 2)
- EN ISO 10140 airborne sound insulation (evaluated as per EN ISO 717-1): 26 to 38 dB, depending on glazing and infill options





# THESE DOORS CAN WITHSTAND ANY TRIAL BY FIRE

In the event of a fire, fire safety doors are a tried-and-tested safety measure. In normal conditions automatic fire safety doors offer convenient access. In a fire, they close automatically and prevent the fire from spreading for at least 30 minutes. Automatic fire safety sliding doors with an emergency exit function can still be opened manually like a swing door in the event of a fire.



The automatic fire safety sliding doors offer convenient access in day-to-day use and serve as a tested fire barrier in the event of a fire. They can also be fitted with emergency exits to provide a life-saving escape route.

## Properties

- 30-minute fire-resistance rating (EI30)
- Closes in the event of a fire alarm
- Door can be opened manually in an emergency
- Single and bi-parting sliding doors
- With side panel
- Steel frame with glass insert, fully glazed with sheet steel or wood
- TÜV-approved fire-resistance rating as per EN 1363-1 and EN 1634-1
- Emergency exit fittings as per EN 179 or EN 1125





# EXTRA WIDE EXITS FOR WORST CASE SCENARIOS

Just as you require convenient access to buildings and rooms, you also need a reliable way of getting out fast in a hazardous situation. Redundant and sliding doors with break-out leaves offer maximum convenience in everyday situations and a safe escape route in an emergency.



## Redundant

Redundant door systems ensure that, if there is an emergency or a fault, the door opens automatically to provide an escape route.

## Break-Out/Break-In

The Gilgen Break-Out/Break-In sliding door is multifunctional. In an emergency, the leaves can be pivoted open. Opening the break-out sliding door leaves and side panels creates very wide openings that are practical for transport – or handy for summer.

## Properties

- Convenient sliding door
- Life-saving emergency exit
- Total door opening system (transport opening)







# PERFECTION ALL ROUND

Looking to create a designer entrance with stylish curves? Curved sliding doors from Gilgen Door Systems add an individual and exclusive look and blend sympathetically with any architectural design. There are numerous design options and fittings to choose from, and coordinated colours and customisation round off the character of the entrance to perfection.



Gilgen curved sliding doors are available in convex and concave versions. The optional self-supporting door construction can be adapted to different building façades – including refurbishments.

## Properties

- Design solution
- 180°/360°, self-supporting
- Curved inward and outward
- Wide choice of designs
- Emergency exit function (redundant)







# POWERFUL, DURABLE AND QUIET

Gilgen swing door drive units are designed for high performance, maximum durability and quiet movement. The swing doors are easier to open and close and the universal drive mechanisms perform optimally in any situation. In the event of a fire alarm, the door closes securely from any position. Crucially, the closed door can always be opened by hand and used as an emergency exit.



Gilgen swing door drive units are equally suited to new installations and existing doors. In addition to lightweight internal doors, they can also move heavy external doors and fire safety doors.

## Properties

- Single and bi-parting doors
- Various installation and positioning options
- Available in a fire-rated version
- Integrated 'inverse' function for power-free opening
- Low-energy mode
- Simple to fit
- Simple commissioning
- High wind resistance



# A LACK OF SPACE NEED NOT RULE OUT CONVENIENCE

Don't want to have to forgo convenience because of a lack of space? A folding door not only saves space – it also offers easy opening and closing. The automatic folding door from Gilgen Door Systems is ideal for installation in corridors and at tight access points. In these situations it offers an elegant and attractive way of ensuring unobstructed access.



Folding doors save a lot of space. With automatic Gilgen folding doors, you benefit from wide access widths and minimal installation dimensions.

## Properties

- Compact design
- Max. access width 1600 mm
- Choice of surface finishes
- Emergency exit function (redundant)









# ENDLESS POSSIBILITIES

Whether your architecture features angled walls or swimming pools, Gilgen Door Systems has a perfect solution for you. It may be absolute transparency, an access point that optimally blends into your angled walls or a curved door solution. Whatever you are looking for, we always guarantee absolute convenience.



If you can't find what you are looking for among our standard doors, ask about our customised door systems. The advantage: endless possibilities for innovative construction.

## Properties

- Invisible drive mechanism
- Angled sliding door
- Waterproof
- Flush-fitted
- Maximum openings



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