

# AUTOMATIC DOOR SYSTEMS





for Commercial, Institutional and Residential projects in Hong Kong and Macau.

We are offering a wide portfolio of Products & Solutions including Automatic Doors, Windows & Entrance, Hardware & Interior Doors, Security Gates, Access Control and Industrial Doors.

Service is our Value - we provide Technical Advice & Customized Drawings, Ironmongery Schedules, Master Key Plans, Supply & Installation, Contracting, Training and Service & Maintenance programs and Sourcing.

We exclusively represent GILGEN Door Systems, a leading supplier of Automatic Door solutions from Switzerland. Key partners and suppliers include GILGEN Door Systems, DOR-MAKABA Security Solutions, EFAFLEX High-Speed Doors, HART Security Shutters, TECKENTRUP Security Steel Door Sets, TBS Biometric Solutions and AIR-LUX Window Systems.

Our experienced team with its in-depth market knowledge, product know-how and business experience is driving AUB to become a leading brand in the Industry.



[www.aub.com.hk](http://www.aub.com.hk)



Swiss quality and performance since 1961.

Gilgen Door Systems located in Switzerland / Europe, a member of Nabtesco Group / Japan, is a leading supplier of automatic door solutions in Swing, Sliding and Folding wall applications.

Gilgen offers Customized solutions including its well-known Platform Screen Door for the Hong Kong MTRC subway lines.



A high-tech Design & Engineering company driven by its mission for excellent design, outstanding quality, simplicity in operations and long lasting performance. Manufacturer of Security & Automatic Revolving Doors.

A member of Mechanica Group, with Headquarters and Manufacturing in Italy / Europe.



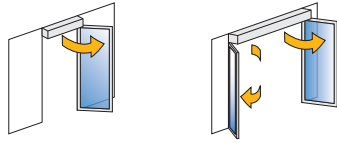
A Global Manufacturer of Sensors for Automatic Doors for Pedestrian and Industrial Applications. Headquarters in Belgium / Europe

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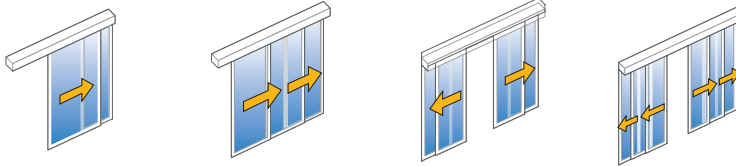
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# Multiple Choices of Opening Options

Swing door



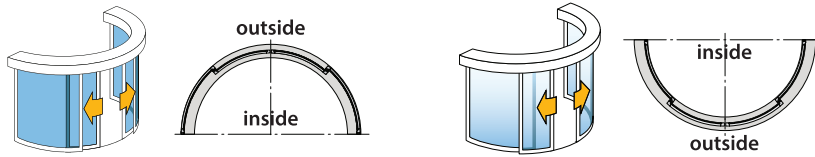
Sliding door



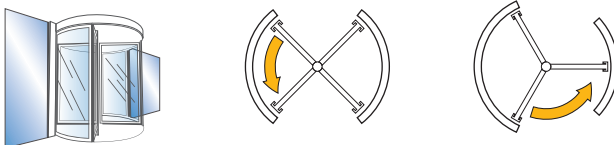
Lift Lobby sliding door



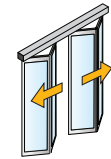
Curved sliding door



Revolving door



Folding door



Sliding wall



- Ideal
- Suitable
- Under certain conditions

## Pedestrian passage

	Swing door	Sliding door	Lift Lobby sliding door	Curved sliding door	Revolving door	Folding door	Sliding wall
<b>Optimal pedestrian flow</b>							
Obstruction-free access, convenience	●●●	●●●●	●●●	●●●	●●●	●●●	●●●
High user frequency, flexibility	●●●	●●●	●●●	●●●	●●●	●●●	●●●
<b>Design and Dynamics</b>							
Style, sophistication, material	●●●	●●●	●●●	●●●	●●●	●●●	●●●
Dynamics as a design element	●●●	●●●	●●●	●●●	●●●	●●●	●●●
<b>Functions and Value</b>							
Climate control	●●●	●●●	●●●	●●●	●●●	●●●	●●●
Fire-protection	●●●	●●●	●●●	●●●	●●●	●●●	●●●
Escape and rescue ways	●●●	●●●	●●●	●●●	●●●	●●●	●●●
Smoke-control	●●●	●●●	●●●	●●●	●●●	●●●	●●●
<b>Access, Security and Organization</b>							
Protection of object, locking feature	●●●	●●●	●●●	●●●	●●●	●●●	●●●
Protection of users	●●●	●●●	●●●	●●●	●●●	●●●	●●●
<b>Application sizes</b>							
Clearance width	900-1400mm	700-4000mm	800-1500mm	900-2600mm	Ø2300-3200mm	800-1600mm	/
Panel weight max.	250 kg	2 x 200 kg 1 x 400 kg 4 x 100 kg	2 x 100 kg	2 x 120 kg	/	2 x 70 kg	2 x 200 kg





# Swing Door

**GILGEN**

The Gilgen FD Series Swing door drive units are highly consistent when it comes to performance, long service life and quiet operation.

From light-weight internal doors to heavier external doors designed to withstand higher windloads – the Gilgen FD Series is always the right choice!

#### **Convenient**

- Universal application for all different door panels
- Small & compact design – fit for all kind of situations

#### **Silent and Comfortable**

- Smooth & quiet operation

#### **Safe**

- Complies with all application norms and standards and is TUV approved [DIN 18650 – 1]
- Fire tested to EN1634-1, 2014, 2hours

#### **Fields of application**

- Office and administrative buildings
- Airports and railway station
- Banks and financial institution
- Hotels and shopping malls
- Schools, colleges and universities
- Hospitals and medical centres
- Libraries, museums and concert halls

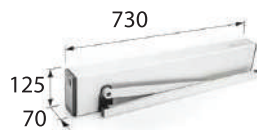


# FD Swing Series - Design and Function

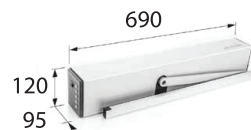


Gilgen swing door drive units are designed for high performance, maximum service life and extra-quiet operation. They are ideal for new installations and existing doors alike. They can operate both lightweight interior doors and heavy weight external doors, along with fire safety doors. They are certified to confirm compliance with the highest quality, safety and security standards.

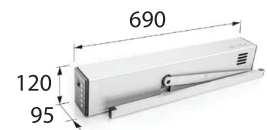
## FD 10 Universal



## FD 20 High performance



## FD 20-F Fire prevention



Max. door leaf weight	150 kg	250 kg	250 kg
Door sizes single-leaf	730 – 1100mm	750 – 1600mm	EN 3 – 6 (750 – 1400mm)
Door sizes two-leaf	1460 – 2200mm	1500 – 3200mm	EN 3 – 6 (1500 – 2800mm)
Max. opening angle	105°	105°	105°
Opening speed	2,4...20 s adjustable (max. 40°/s)	2,4...20 s adjustable (max. 40°/s)	2,4...20 s adjustable (max. 40°/s)
Closing speed	2,4...20 s adjustable (max. 40°/s)	2,4...20 s adjustable (max. 40°/s)	2,4...20 s adjustable (max. 40°/s)
Max. wind speeds	70 km/h (227 Pa)	100 km/h (462 Pa)	80 km/h (320 Pa)
Approved according to standards	EN 16005, DIN 18650	EN 16005, DIN 18650	EN 16005, DIN 18650, DIBt, CNPP, BS EN 1634-1, EN 1158, DIN 18263-4

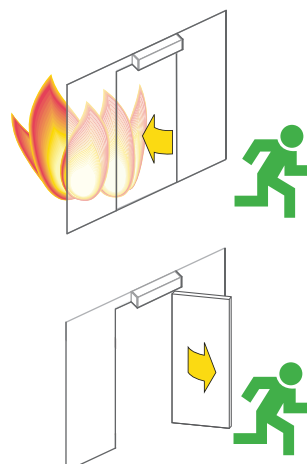
## Features

- More powerful (up to 250kg per panel/FD20)
- Low-noise electro-mechanical drive unit (oil free)
- Also suited for exterior doors adapt to high wind load (45-320Pa)
- Adjustable push-and-go function
- Uncomplicated commissioning by means of an integrated display
- Drive covering made of aluminium or stainless steel
- Continuous drive covering for double-leaf installations
- Adjustable closing force
- 2 hours fire-rated
- Low energy consumption (100W)
- Open-position over-drive protection design
- No external energy card is needed
- "Invert" function to open without any electrical force in case of fire alarm (power failure)



## Fire Barrier

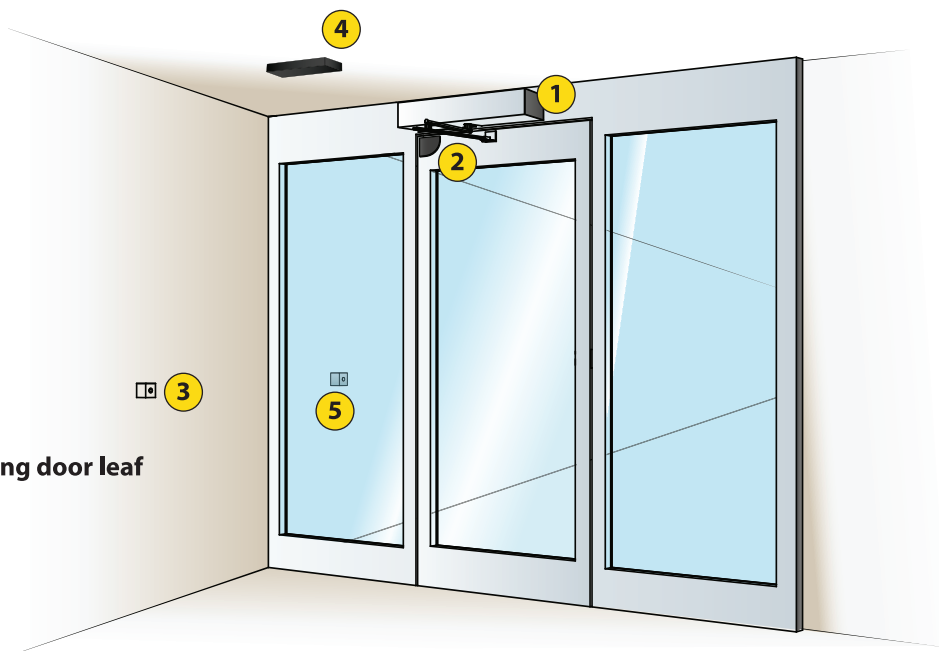
Reliable protection from smoke. If a fire alarm is activated, the door closes. Door can be opened manually.



## Emergency Exit:

The drive mechanism with "invert" function is ideal for building smoke-extraction/ ventilation purposes, and escape routes.

# FD Swing Series - Additional Components for Automatic Swing Doors

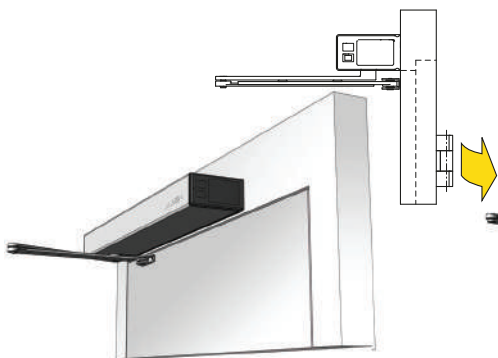


- 1 FD Series Drive System
- 2 Safety sensors mounted on the moving door leaf
- 3 Magic switch\*
- 4 Motion sensor\*
- 5 Key-operated impulse switch\*

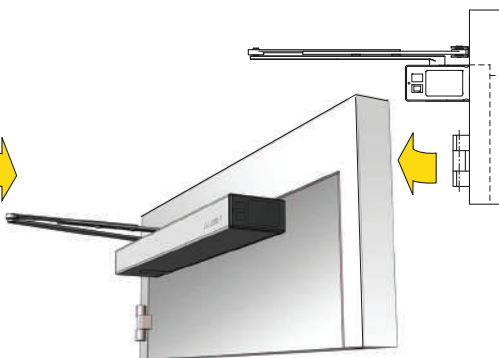
\*optional

## Possible Applications & Installation Options

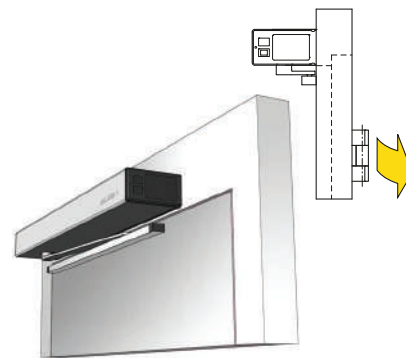
Standard rod with pushing function  
Lintel installation



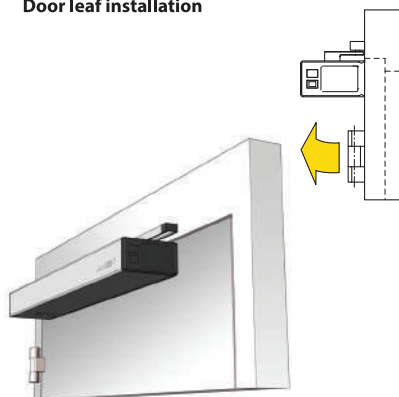
Standard rod with pushing function  
Door leaf installation



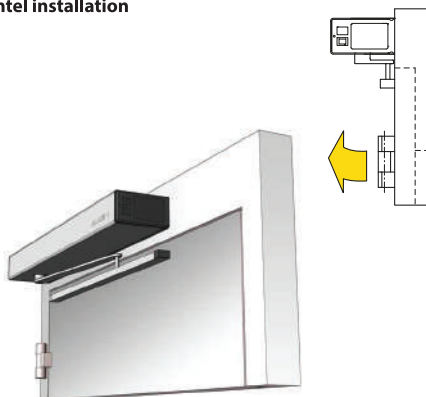
Sliding rod with pushing function  
Lintel installation



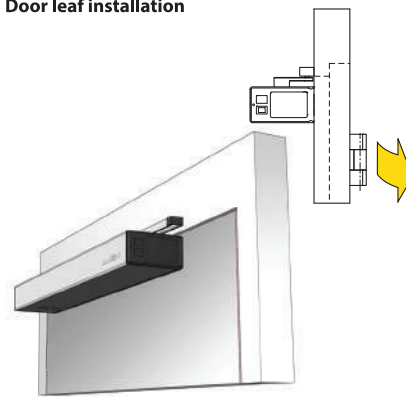
Sliding rod with pushing function  
Door leaf installation



Sliding rod with pulling function  
Lintel installation



Sliding rod with pulling function  
Door leaf installation





**GILGEN**

# Sliding Door

The sliding doors offer a wide range of possible configurations. The broad selection of different functions allows the way of access to be optimized to match pedestrian traffic flows.

## **Convenient**

- Modular design – fit for every site situation
- High-power system – can operate the door panel with weight up to 400 kg

## **Silent and Comfortable**

- Special runner design and intelligent microprocessor control – ensure quiet operation

## **Reliable**

- Automatic self-diagnostic, self-monitoring system – ensure the door operating properly
- Passed 1.5 million cycle test

## **Safe**

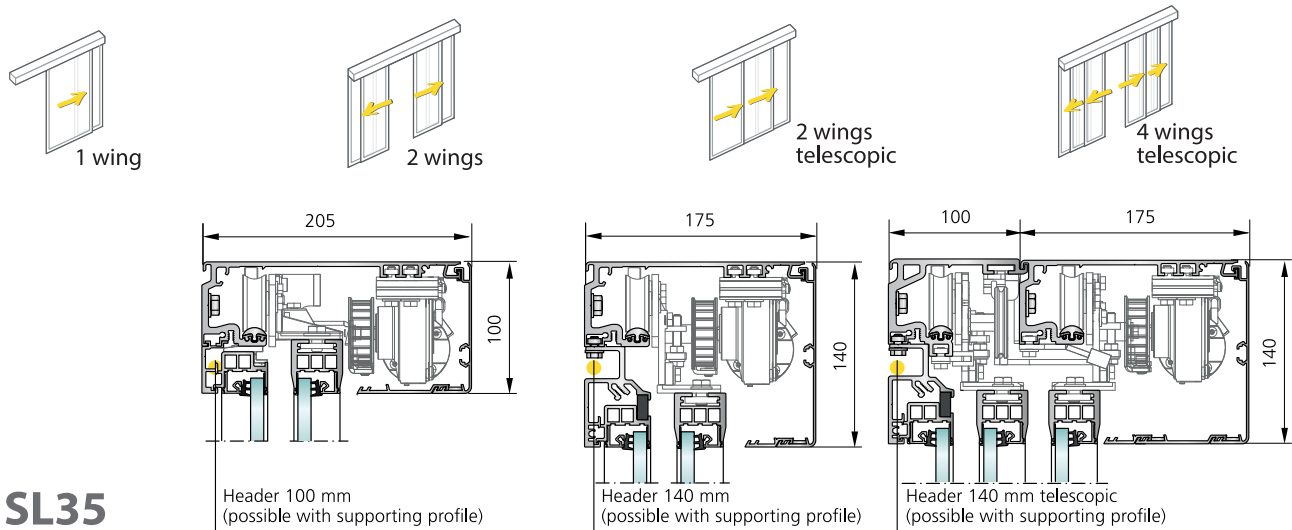
- Complies with all application norms and standard and is approved [DIN 18650-1]

## **Fields of application**

- Office and administrative buildings
- Ministers and government buildings
- Hotels, shopping malls and retail stores
- Schools, colleges and universities
- Libraries
- Hospital and medical centres

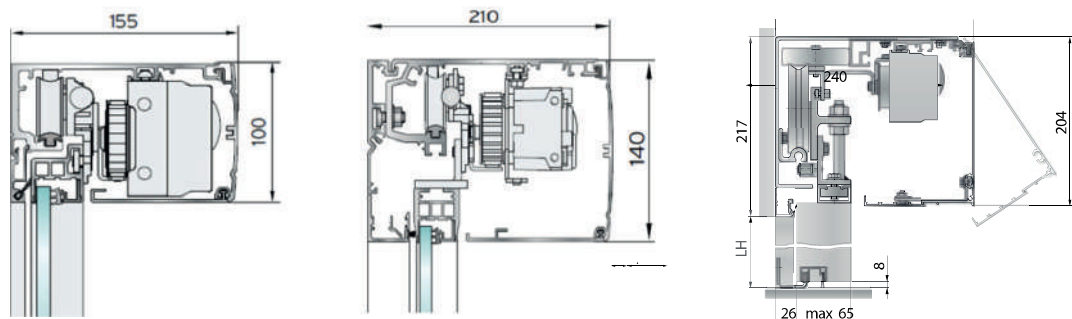


# Sliding Door - Specifications



## SL35

Type	Clearance width		Dual Operation (2 leave)	Booster Operation (1 leave)
1 wing	clearance width wing weight	700-2000mm 1 x 150 kg	- -	700-2000mm 1 x 150 kg
2 wings	clearance width wing weight	800-3000mm 2 x 150 kg	1200-3000mm 2 x 150 kg	- -
2-wings telescopic	clearance width wing weight	1100-3000mm 2 x 120 kg	- -	1100-3000mm 2 x 150 kg
4-wings telescopic	clearance width wing weight	1200-4000mm 4 x 75 kg	1500-4000mm 4 x 75 kg	- -
Adjustable speed		0.3-0.8m/s	0.3-0.8m/s	0.3-0.8m/s
Static drive power max.		150N	150N	150N
Protection rating		IP23	IP23	IP23
Ambient temperature		-15-50 °C	-15-50 °C	-15-50 °C
Number of motor		1	2	1
Number of control		1	1	1



## SLX

Type	Clearance width	SLX	SLX-M	SLX-V	SLX-V Booster
1 wing	clearance width wing weight	700-2000mm 1 x 150 kg	700-2000mm 1 x 150 kg	800-3000mm 1 x 240kg	1100-3000mm 1 x 400 kg
2 wings	clearance width wing weight	800-3000mm 2 x 150 kg	800-3000mm 2 x 150 kg	1000-3000mm 2 x 240 kg	- -
2-wings telescopic	clearance width wing weight	1100-3000mm 2 x 120 kg	- -	- -	- -
4-wings telescopic	clearance width wing weight	1400-4000mm 4 x 60 kg	1200-4000mm 4 x 75 kg	- -	- -
Adjustable speed		0.3-0.8m/s	0.3-0.8m/s	0.3-0.8m/s	0.3-0.8m/s
Static drive power max.		150N	150N	150N	150N
Protection rating		IP23	IP23	IP23	IP23
Ambient temperature		-15-50 °C	-15-50 °C	-15-50 °C	-15-50 °C
Number of motor		1	1	1	1
Number of control		1	1	1	1

# SLA

**Type**

1 wing

2 wings

Adjustable speed

Static drive power max.

Protection rating

Ambient temperature

**Clearance width**

clearance width  
wing weight

700 -2000mm  
1 x 120 kg

clearance width  
wing weight

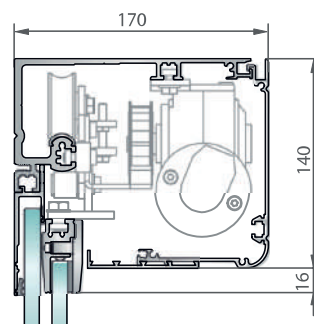
900-3000mm  
2 x 120 kg

0.6m/s (adjustable)

150N

IP23

-15-50 °C



## Optional Combinations

	Basic	Standard	Design Header 100 mm	Technology Header 140 mm	Heavy duty	Traditional	Curved	Folding
<b>Drive Systems</b>	SLA	SLX-M	SLX	SLX-V	SL35	SRM	FFM	
<b>Profile Systems</b>								
Profile System PSX (slimline)	●		●	●		●		
Profile System PSXP (slimline, with interlocking)	●	●	●	●		●		
Profile System PSA (light, with interlocking)	●	●	●	●		●		
Profile System PSF (transparent)	●	●				●		
Profile System PST (slimline and heat-insulated)		●				●		
Profile System PSW (heat-insulated)	●			●		●		
Profile System PS 90 (traditional)							●	●
Doors leaves supplied by others	●	●	●	●	●	●		
<b>Telescopic solutions</b>		●		●		●		
<b>Fire and smoke screens</b>								
Fire-rated shutter (EI30/E30)		●		●	●			
Smoke-proof shutter CS200			●	●		●		
<b>Escape route solutions</b>								
Redundant*		●	●	●		●	●	●
Break Out			●					
CO 48 (France)*	●	●	●	●		●		
<b>Anti-burglary protection</b>								
RC2		●				●		
RC3		●				●		
<b>Air - tightness (SLX-D) Header 180mm</b>				●				
<b>Door Locking</b>								
Manual floor lock on plinth profile	●	●	●	●	●	●		●
Automatic locking in the drive mechanism	●	●	●	●	●	●	●	●
Multi-point locking FLUVERI manual**	●	●	●	●		●		
Multi-point locking FLUVERI automatic***		●	●	●		●		
Automatic stay-bar locking CLS***					●		●	

\*\* the installation of a FLUVERI is possible with the profile systems PSX, PSXP, PST and PSW

\*\*\* the installation of a CLS is possible with the profile systems PS90 and mandatory with fire-protection version E1 30 Design.

# Sliding Door - Accessories



Key Switch



D-BEDIX Control Panel



Touch Screen Operation  
( For SL35)



Key Switch  
+  
Touch Screen Operation  
( For SL35)



Manual Release Button

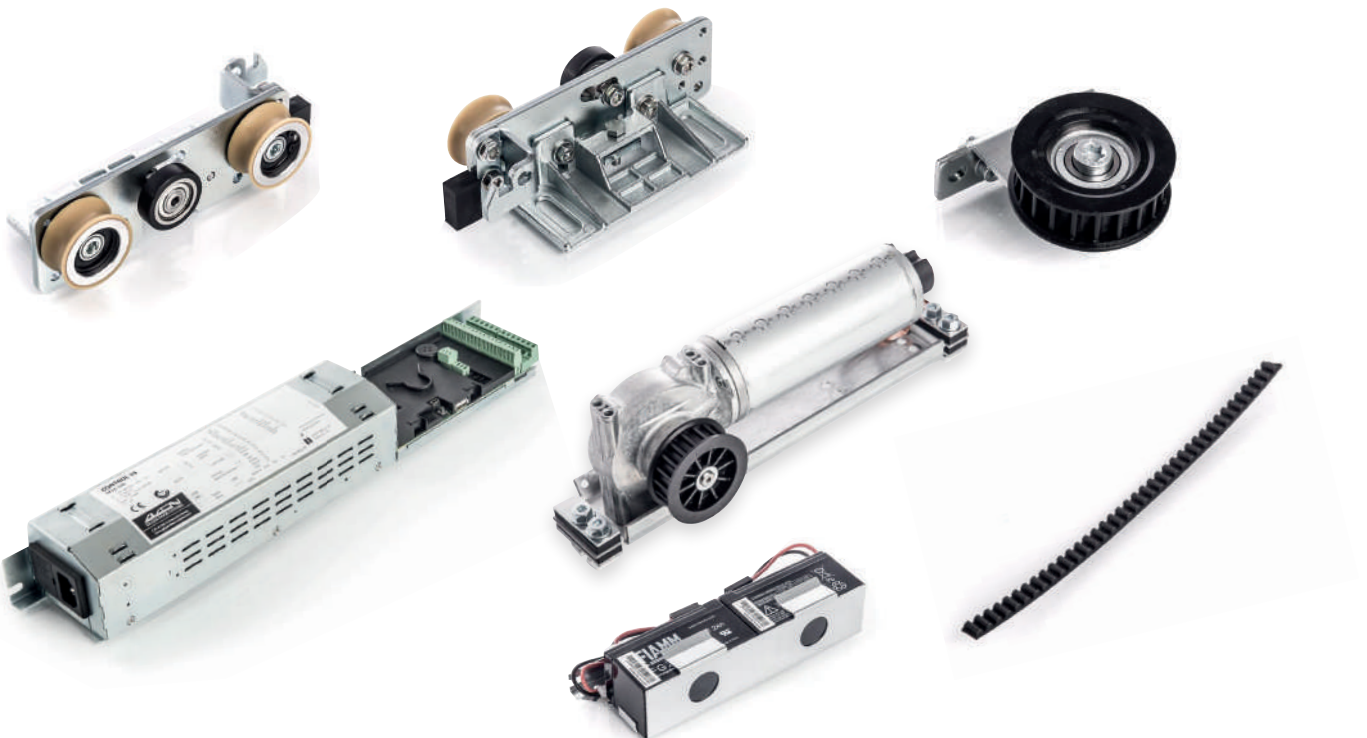


Wall Mounted  
Manual Release Button



Emergency Release  
Folding handle  
( For SL35)

# Main Component + Kit Set





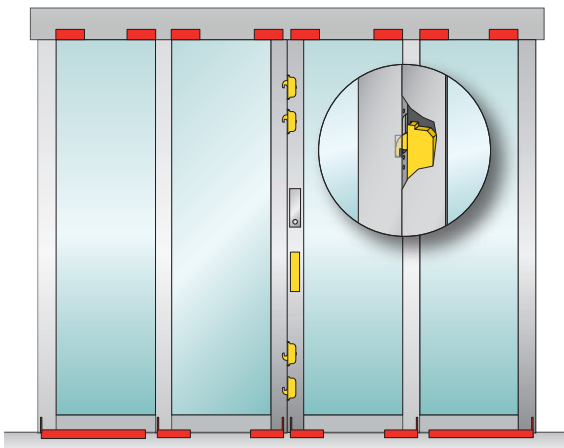


# Burglar Resistant Sliding Door

**GILGEN**

Gilgen SL-Series PSXP RC2/RC3 profile systems offer optimum resistance to break-in attempts. They are Certified according European standards and in addition tested successfully by BRE (British Test Institute). Certification according British standards.

## Multipoint Locking System



- Locking mechanism components
- System reinforcement RC2/ RC3

Tested glass	EN356
Tested certificates (ift Rosenheim)	No. 11-003711-PRO1, No. 11-003711-PRO2 and No. 11-003711-PRO3
Class	RC2 and RC3 in accordance with EN1627 to EN1630 (2011) TUV-approved user safety
PAS24 approval <b>Exova</b>	RC3 conforms to the security requirements of PAS24:2012; as assessed by Exova WarringtonFire* Report No. WIL 349667



## FB4 Bullet-Resistant Door with Anti-Burglar Protection

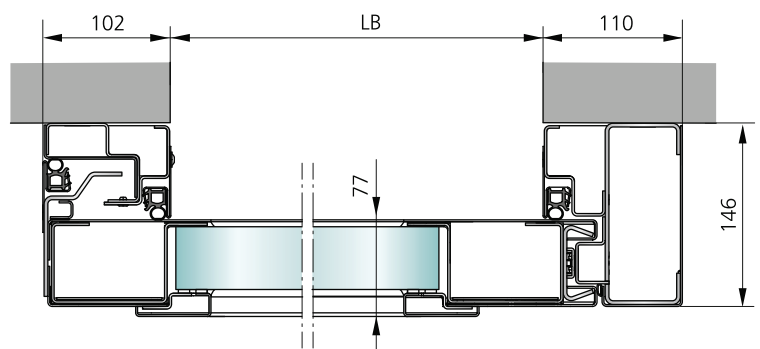
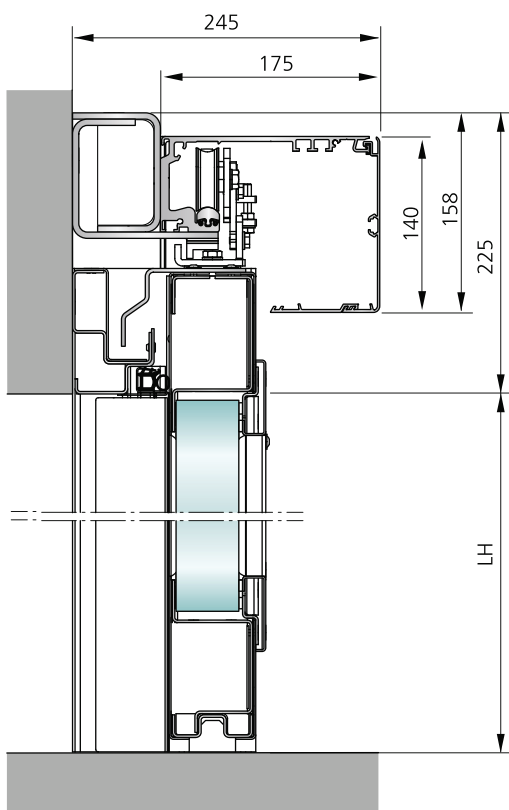


- Configured as a single-leaf sliding door
- High-performance drive mechanism
- FLUVERI multi-point locking mechanism (concealed by integration into door leaf)
- No bottom guide rail required
- Suitable for integration into a building management system (TUWE VdS)
- Emergency release handle on inside
- Conforms to European EN1627 burglar-resistance standards
- Overall system certified as bullet-resistant to EN1522 standards
- Door conforms to corresponding norms and specifications (e.g EN16005, DIN18650)

The GILGEN SL-GUARD FB4/RC3 automatic sliding door meets the highest standards in terms of bullet and burglar resistance.

The certified combination of the automatic GILGEN sliding door drive unit with a bullet-resistant door leaf construction and a locking system is unique on the market. GILGEN SL-GUARD FB4/RC3 offers the best possible protection for people and property.

### Possible applications



### Door dimensions:

		Door height in m												
		1.8	1.9	2	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3
Door width in m	0.6	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	0.7	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	0.8	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	0.9	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	1.1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	1.2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	1.3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	1.4	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	1.5	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

- ✓ Standard glass
- ✓ Monoglass (reduced insulation)

## Certified overall system

### SL-45 (SL-GUARD drive version)

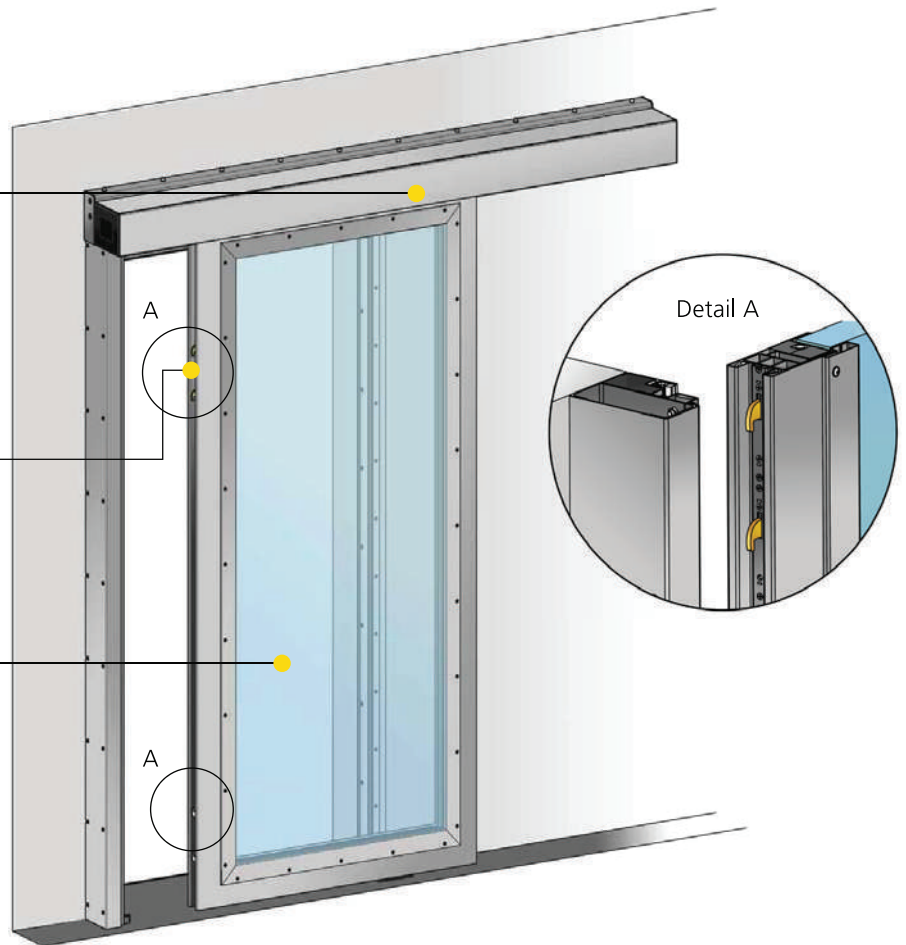
- Automatic sliding door drive unit
- Up to 350 kg as standard
- Redundant configuration available for leaf weight of up to 240 kg
- Available with optional running carriage locking (CARLOCK)

### Integrated multi-point locking FLUVERI

- Automatic interlocking of door leaf in wall connection profile
- RC3 tested
- Conforms to EN 1627

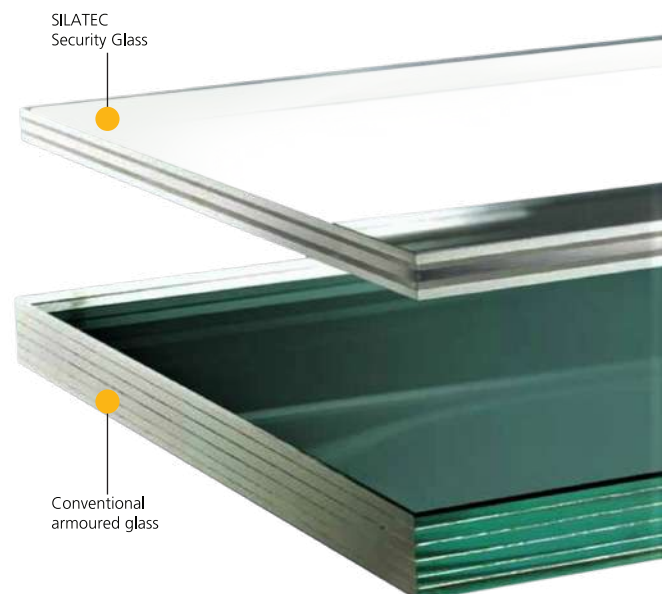
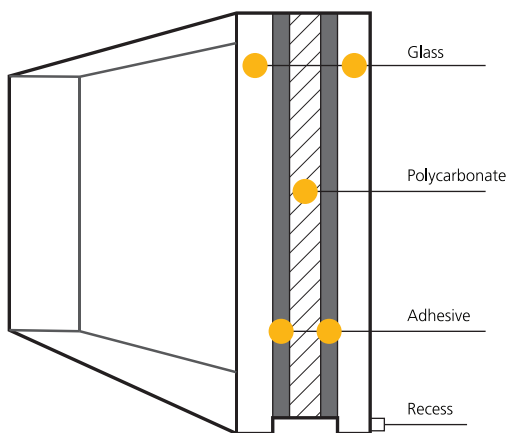
### Multi-function sliding door

- Polycarbonate laminated glass
- Burglar-resistant RC3 (EN1627)
- Bullet-resistant FB4 NS (EN1522)
- Heat-transfer coefficient  
Insulating glass: Ug-value 1 W/(m<sup>2</sup>K)  
Mono glass: U-value 4.2 W/(m<sup>2</sup>K)



## SILATEC Security Glass

is a laminated glass consisting of several highly transparent and resistant materials. It is safer, lighter, thinner, neutral in colour and UV-impervious.



- Consists of one or more glass sheets, held together by one or more polycarbonate interlayers.
- Different expansion rates of polycarbonate and glass make it necessary to recess the polycarbonate sheet all the way around, so that it can expand without resistance when it warms up.





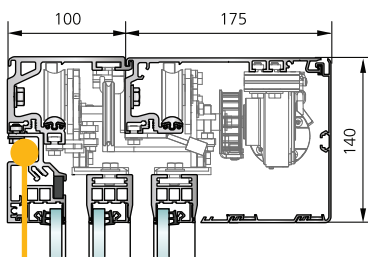
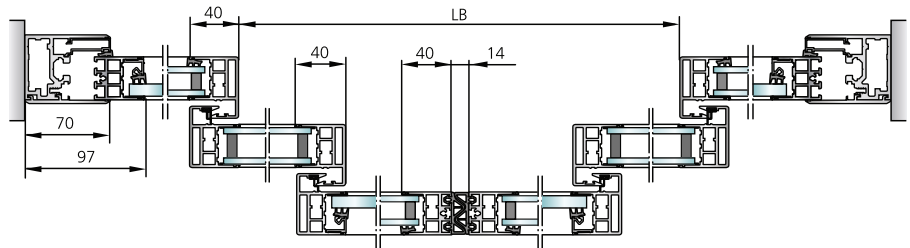
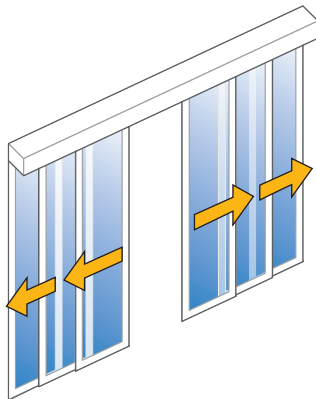


# Telescopic Sliding Door

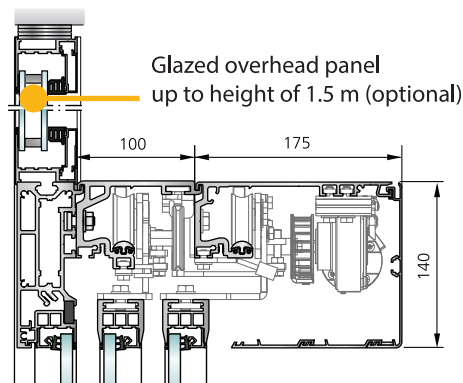
**GILGEN**

Gilgen telescopic sliding doors maximise the clear width of entrances through extending door leaves. Achieving a wider opening than standard bi-parting doors they are ideal for high volumes of pedestrian traffic such as in transport hubs or wherever the structural opening is limited. The design also helps to provide protection from draughts and conserve energy. Gilgen operators are designed, constructed and installed in accordance with BS EN 16005:201

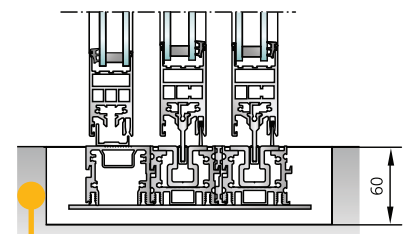
## Four-leaf telescopic installation with side panels



Header 140 mm telescopic (possible with supporting profile)



Glazed overhead panel up to height of 1.5 m (optional)



Full-length bottom rail telescopic, bottom rail with drainage optionally available



# Break-Out Emergency

# Sliding Door



Emergency Exit SLX break-out door system

**Convenient and Comfortable**

- Comfortable for everyday passage
- Transport hubs
- Opening for bulk goods
- Opening for shop entrances, in restaurants...

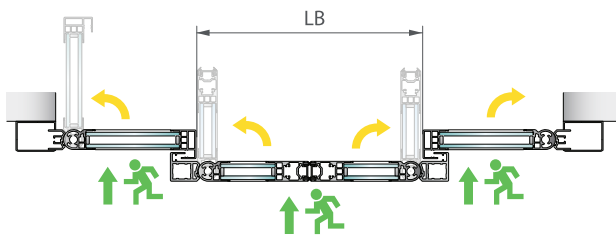
**Safe**

- Safe escape and rescue way in an emergency (fire & panic)
- Complies with all application norms and Standards and is TUV approved [DIN 18650 – 1]

**Specification**

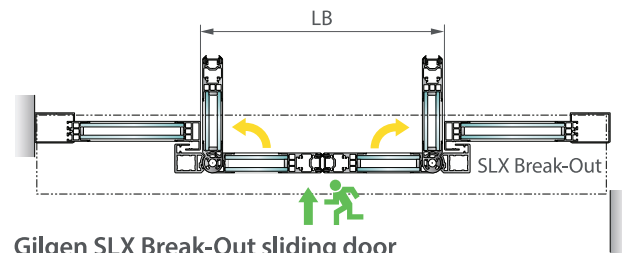
Clearance width	1000-2500mm
Clearance height	2050-3000mm
Max wing weight	120kg

**Gilgen SLX-BO sliding door drive unit, combined with the Gilgen PSX profile system**



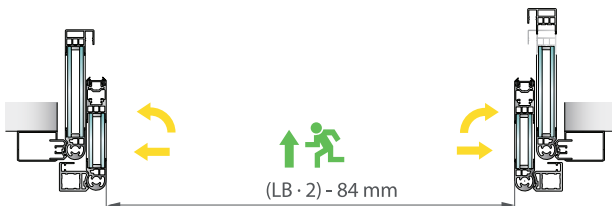
**Gilgen SLX Break-Out sliding door**  
With swivelling side panels

The door leaves and side panels can be swivelled in any position for emergency opening in the direction of escape.



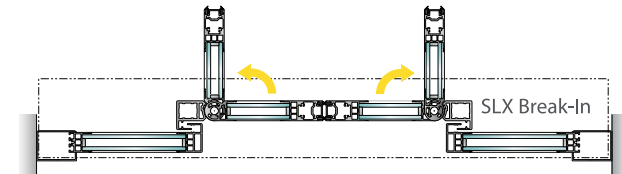
**Gilgen SLX Break-Out sliding door**  
With fixed side panels

The sliding leaves can be swivelled manually from their closed position.



**Gilgen SLX Break-Out sliding door**  
With swivelling side panels

The manually swivelling door leaves and side panels can be positioned to leave the entire doorway free for transport access etc.



**Gilgen SLX Break-In sliding door**  
With fixed side panels

As an inside door for wind protection, for example



# Flush-Fitted Lift Lobby Door

**GILGEN**



Architects and designers love to have lift openings blending-in with the surrounding aesthetic of the interior design. As such Gilgen has come up with a novel automatic sliding door system to fulfill this requirement.

The unique SLX-F Flush Sliding Door solution as well as the slim design SLX Drive can meet the highest requirements for an elegant interior design & functionality. The Sliding & Flush Sliding Door drives can be combined with a variety of decorative panels in glass, wood and other materials.

## Specification

Main power supply:	230 V, 50Hz
Adjustable speed:	0.1-0.5 m/s
Static drive power max:	150N
Protection rating:	IP23
Ambient temperature:	15-50 °C
Clearance width: 1 wing	600-1500mm
2 wing	900-2500mm
Max weight per panel:	1 x 100 kg 2 x 100 kg

## Fields of application

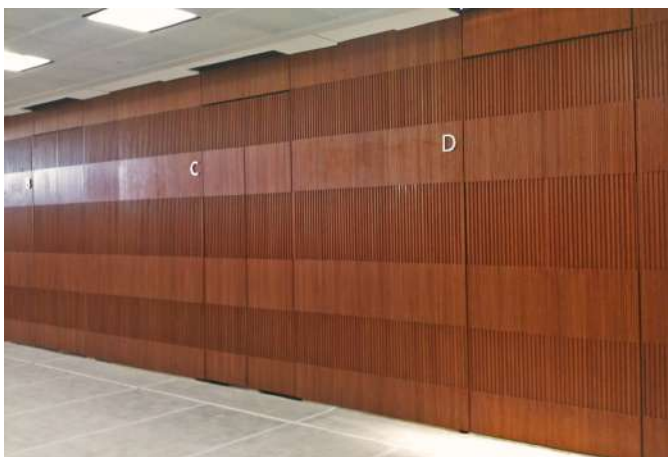
- Office and administrative buildings
- Banks and financial institutions
- Hotels, shopping malls

## Uniqueness

- Gilgen drive technology – sliding door opens inward into recess behind side panels, seamlessly integrated into interior building facades.

## Elegant and Stylish

- The entrance is elegantly integrated into the surrounding architectural design

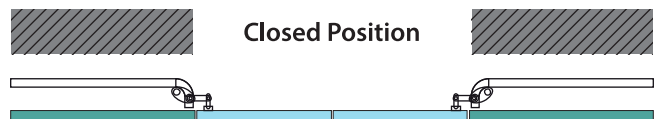
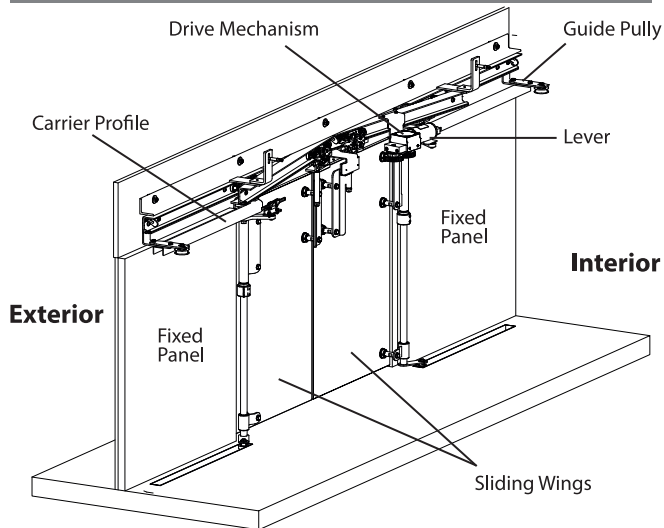




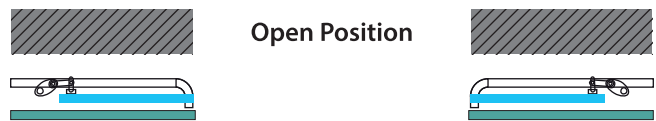
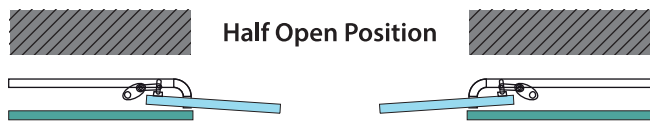
# Case Study - One Island East



Lift entrance is elegantly integrated into the surrounding architectural design.



Flush sliding door is in front of elevator shaft door and elevator door.



Door sliding wings open when elevator arrives, directed by the elevator control.



Door sliding wings open inward into recess behind fixed panels.



# Fire Resistant

## Sliding Door

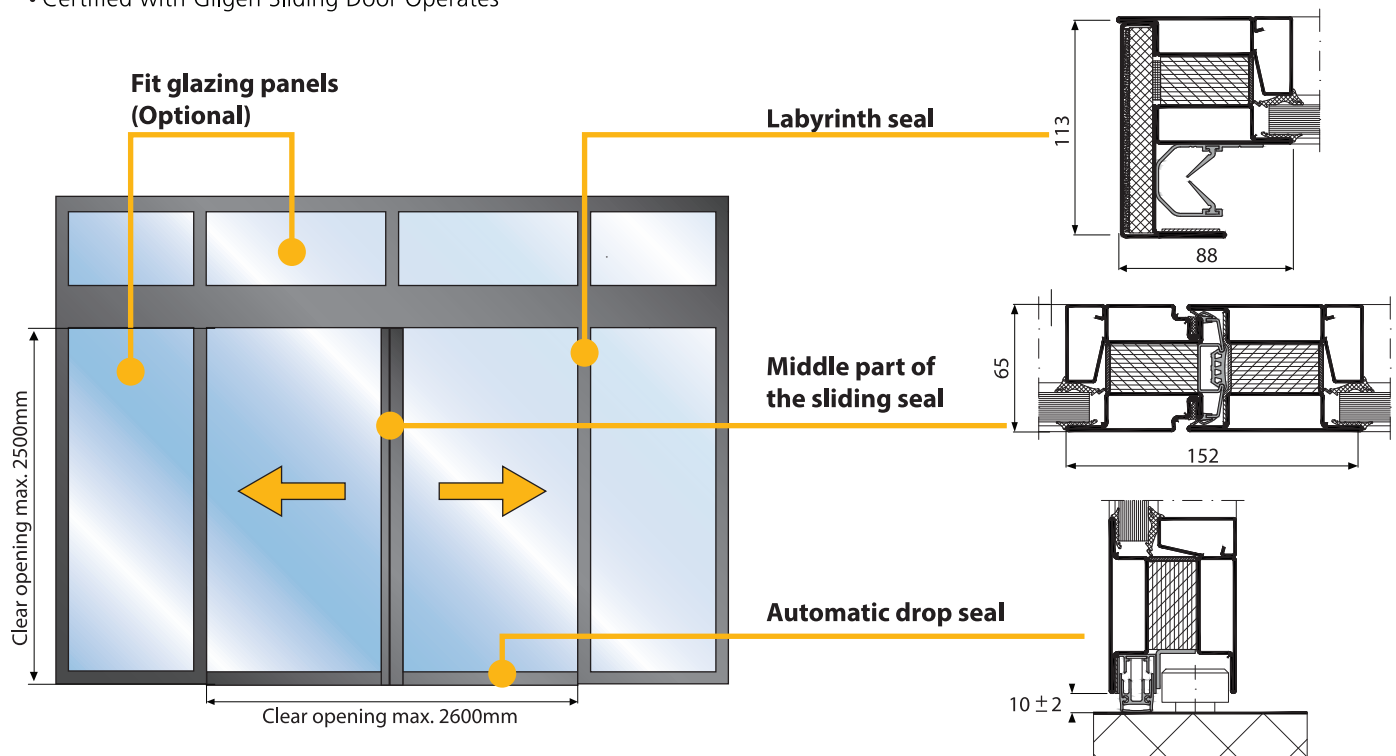
**GILGEN** x **forster**

The fire resistant FRR EI30 sliding door is constructed around a narrow steel frame with a large glass area that guarantees maximum transparency, a sleek appearance and reliable Fire Protection.

Varies open options such as Single, Bi-parting double leaf, fix panels or top light are available.

### FEATURES

- Single and double leaf doors
- Barrier-free access, wheelchair and hospital bed access
- Four-sided sealing (fire & smoke-tight according to EN 1634-3)
- Installed in massive structure and light construction walls as well as glazing
- Certified with Gilgen Sliding Door Operates



EI30 S200

Classification of Fire Resistant Performance, Smoke Leakage and Self-closing Characteristics in accordance with EN13501-2:2016

Tested in accordance with EN1634-1.



# Hermetic Door

**GILGEN**

In Hospital, operating theatres, clean-rooms, clinics or Food production facilities as well as in the Chemical and Pharmaceutical industries, tightly sealed doors are indispensable. The Gilgen SLX-D hermetically sealed automatic sliding door is the ideal choice where airtight doors and hands-free access optimal hygiene and sound-proofing for customers, patients and staff.

## Convenient and Comfortable

- For hermetically sealed sliding doors
- Universally applicable door drive unit
- Pivoting mechanism for tightly sealing heavy or light door wings.

## Safe

Complies with all application norms and standard and is TUV approved [DIN 18650 – 1]

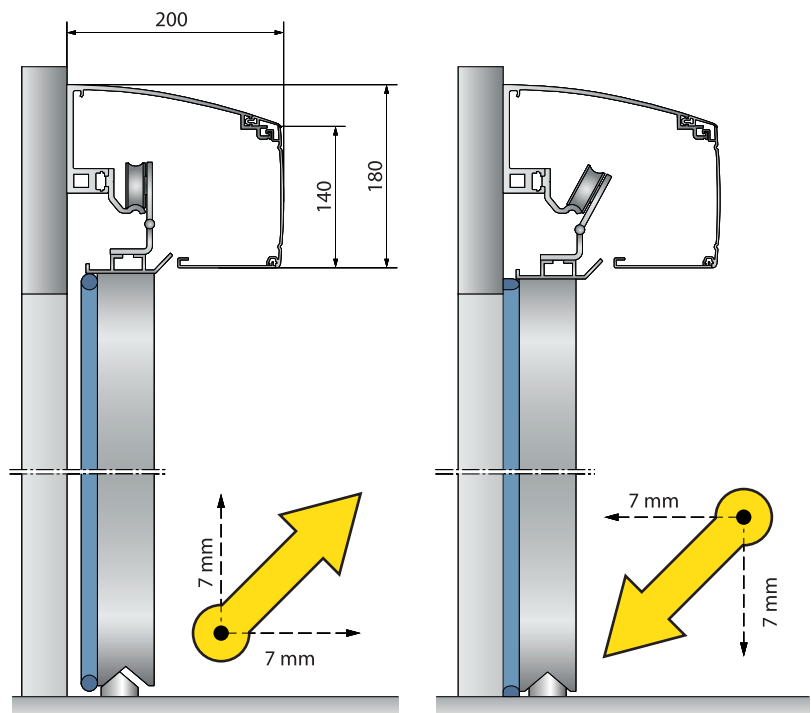
Products are tested with Air Permeability rated as per EN 12207, Class 2 and Sound Insulated up to 32 dB

## Fields of application

- Operating theatre
- Clean room
- Sound proof rooms

## Specification

Main power supply:	230V, 50Hz
Protection rating:	IP23
Ambient temperature:	-15-50 °C
Clearance width:	800 - 2000mm
Optimal clearance height:	2400mm
Max. weight:	120kg
Air permeability rating:	EN12207 (Class 4/Class D) and EN6361 (Class PPD 2)





# Barrier Free Access Solution

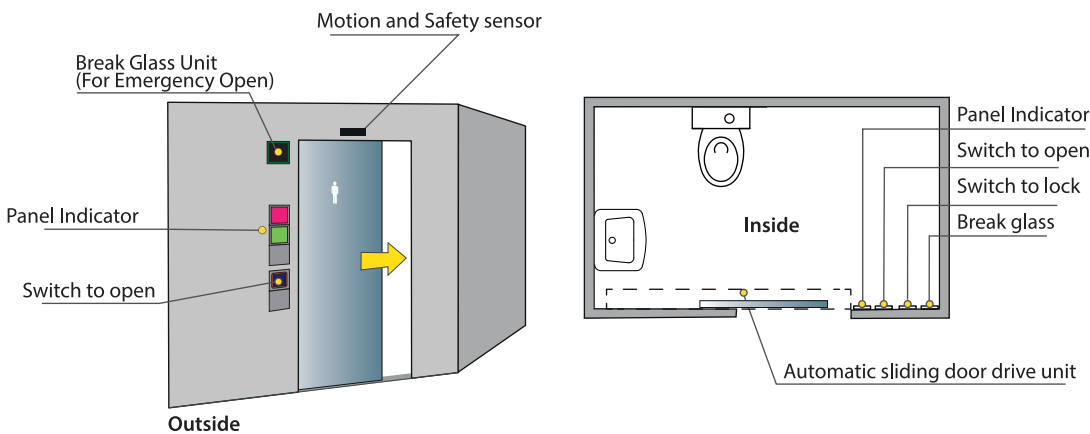


Barrier-free access is the key to ensure that disabled individuals and persons of limited mobility participate freely in life and society. Barrier-free construction is not just designed to benefit disabled persons and the elderly, but also those experiencing temporary difficulties, such as parents trying to deal with small children and prams, or persons with large items of shopping or mobility-aids, etc.

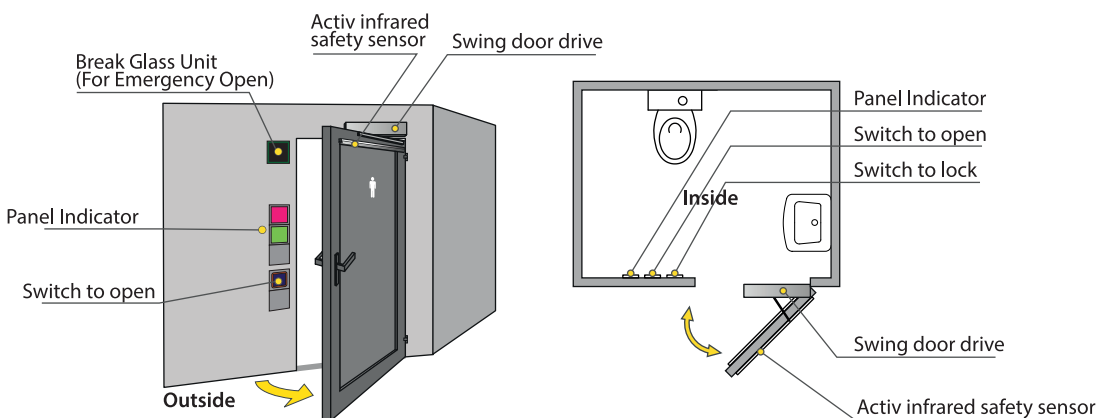
### Design

- Barrier-free access
- Hygiene
- Comfort
- Safety

## Sliding Door Applications



## Swing Door Applications







**GILGEN**

# Curved Sliding Door

With the high configuration flexibility of circular sliding doors, a large entrance area can allow to manage pedestrian flow smoothly based on a high throughput rate. A good thermal insulation can also be provided. Gilgen curved sliding doors are available in convex and concave versions. The optional self-supporting door construction can be adapted to different building façades – newly built or in refurbishments.

## Fields of application

- Office and administrative buildings
- Banks and financial institutions
- Hotels and shopping malls
- Hospitals, museums and concert halls

## Design

- Customised design for every requirement
- Stylish all-glass version available

## Convenient

- High throughput rate

## Environmental Saving:

- Good thermal insulation to save energy

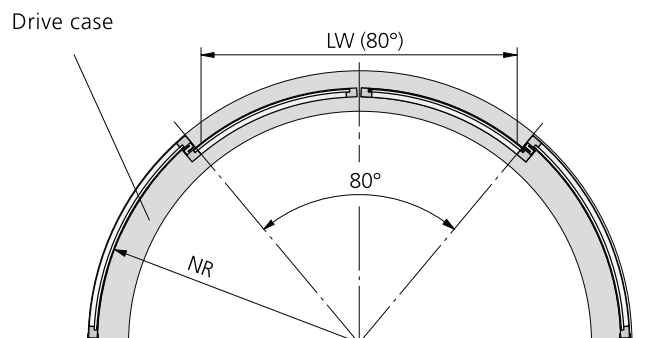
## Safe

- Solutions for emergency escape routes
- Complies with all application norms and standards and is TUV approved [DIN 18650 – 1]

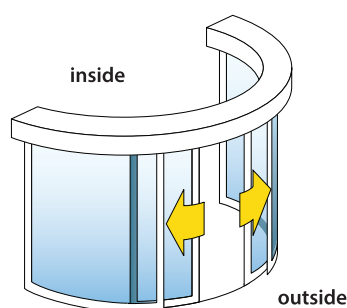
# SRM Specifications

## Possible configurations

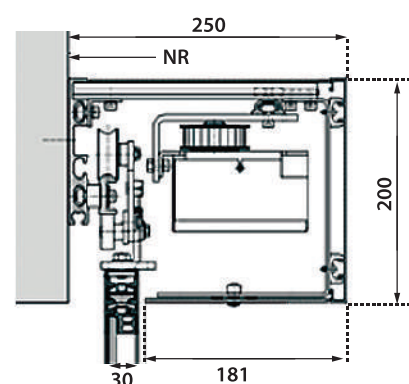
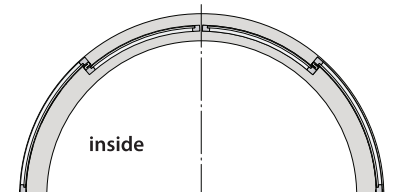
Convex		Concave	
Radius	Clear width	Radius	Clear width
NR in mm	LW in mm	NR in mm	LW in mm
1000	1200	1000	1240
1200	1450	1200	1500
1400	1720	1400	1760
1600	1980	1600	2010
1800	2240	1800	2270
2000	2500	2000	2530



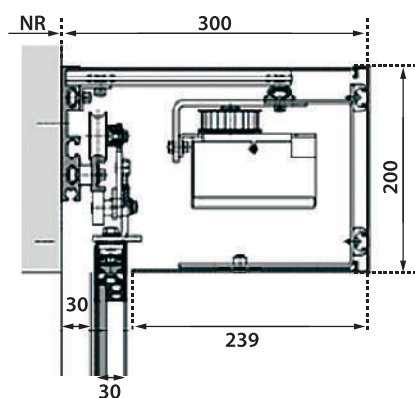
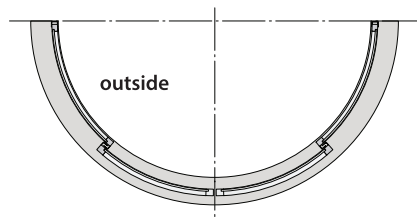
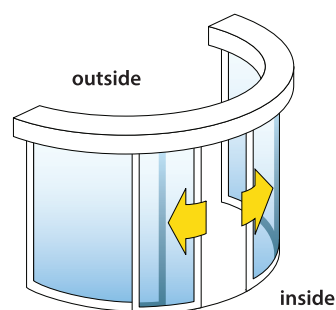
### Convex installation



semi-circular



### Concave installation



### Application

Standard radius  
Clearance width  
Clearance height  
Drive case

Convex  
Concave

Wing weight  
Glazing

Surface treatment

Min. 1000mm  
Min. 900mm  
Up to 2500mm  
200 x 250mm (height x depth)  
200 x 300mm (height x depth)  
Up to 120kg  
Laminated safety glass VSG 8/2,  
dry glazing  
Powder-coated. anodized

### Technical data

Mains power supply  
Mains cable  
Power consumption  
Static drive power max.  
Ambient temperature

230V, 50/60Hz, 13A  
Length 4m  
100W  
150N  
Between - 15 and + 50°C

### Available functions

Adjusted speed  
Electronic control panel Bedis  
Auto-reverse safety mechanism  
Safety stopping mechanism  
Battery powered (24V)  
emergency mode  
Locking  
Central locking CLS

Manual unlocking inside/outside  
Any wing system  
Redundant version in  
escape and rescue ways

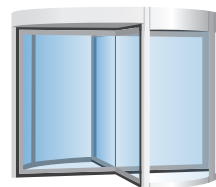
0.5 – 0.7m/s  
Yes  
Yes  
Yes  
Possible option

Possible option  
Possible option,  
NR min. 1100mm  
Possible option  
Possible  
Max. LW 2200mm,  
min. R. 1200mm





# Automatic Revolving Door



With the thermal separation design, revolving doors are an energy efficient solution for the entrance area.

As an option, revolving doors can be equipped with a number of features to meet distinct needs: access for people with reduced mobility, emergency escape function, integration of manual or motor-driven night shutters, etc.

#### Fields of application

- Office and administrative buildings
- Banks and financial institutions
- Hotels and shopping malls
- Hospitals, museums and concert halls

#### Design

- Customised design for every requirement
- Stylish all-glass version available

#### Convenient

- High throughput rate

#### Environmental Saving:

- Good thermal insulation to save energy

#### Safe

- Solutions for emergency escape routes
- Complies with all application norms and standards and is TUV approved [DIN 18650 – 1]

## MCA R2300-R3200

Total Height	2300 (Standard)
Passage Height	2100 (Standard)
Outside Ø in mm	2300 to 3200
Side walls	Glass
Number of wings	3 or 4
Manual	Manual standard
Automatic	Optional
Disabled Function	Standard
Emergency Escape Function	Optional
Night Shutters	Optional
Burglar resistant	Optional



**GILGEN**

# Folding Door

Lack of space need not rule out convenience. A folding door saves space while providing easy opening and closing. The Gilgen automatic folding door is ideal for installation in corridors and at access points of limited width. It can provide, in these situations, an elegant and attractive way of ensuring unhindered access.

## Attractive with minimum space requirement

Folding is synonymous with making room. While requiring a minimum installation space, automatic Gilgen folding doors offer a maximum clearance width.

## A permanent solution

The most up-to-date and well-proven componentry modules guarantee optimal user comfort, a high availability and first-class quality.

## Fast and safe

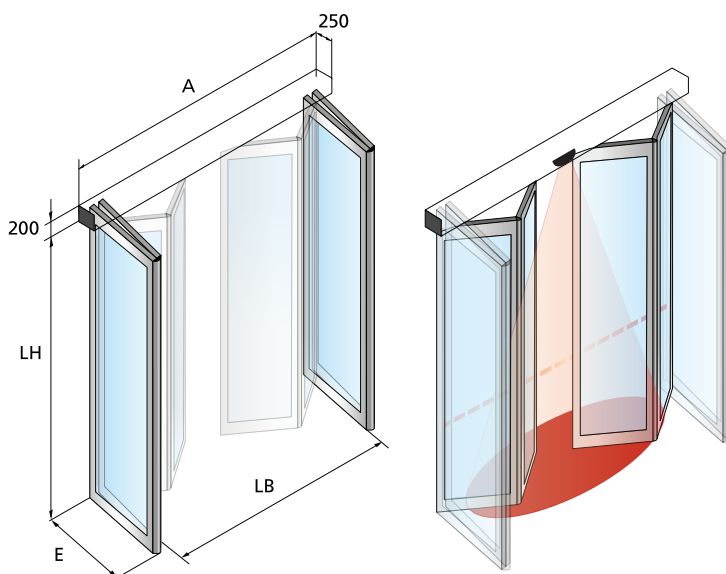
An unimpeded passage as well as maximum safety are requirements which are easily fulfilled by the Gilgen folding door.

## Ease of adaptation

A wide choice of construction sizes, surface treatments and glass versions allows realizing a custom-tailored solution which perfectly matches the architectural concept.

## User-friendly

The complete range of selectable functions and available control and safety elements enables you to find the optimal solution for your situation.



Clear opening width LB	800 - 1600 mm
Length of header profile A	L B + 260 mm
Header profile	200 x 250 mm
Clear height LH up to	2500 mm
Depth in the open position E	315 - 515 mm
Max. door leaf weight	70 kg per folding door leaf

Motion detectors offer a contactless entrance. Further control elements such as push-buttons, pull switches or contact carpets can be connected according to the situation. By means of the program switch Bedis you can select the door functions "Manual-Automatic-Open-Night-Exit". Light barriers / scanning safety beam and auto-reverse mechanism make sure one can enter safely.





# Sliding Wall System

**GILGEN**

The Gilgen STW automatic sliding wall system enables to divide the Interior space into different areas freely and conveniently. With the high flexibility of the sliding wall system, partitioning can be achieved without bringing any influences to the building structure and interior design. It can therefore guarantee a discreet integration into the architectural concept.

The sliding wall system can reduce dust, noise as well as maintain a constant room temperature which can definitely make users feel comfortable.

## **Fields of application**

- Office and administrative buildings
- Banks and financial institutions
- Hotels, shopping malls and retail stores
- Schools, colleges and universities
- Hospital, medical centres
- Libraries and museums

## **Convenient**

- Modular design – fit for every site situation
- Free layout design to fit into any architectural concept
- Compact stacking area for panels to save space

## **Silent and Comfortable**

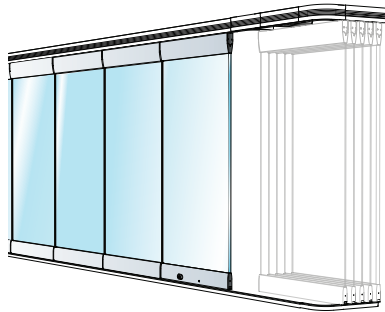
- Smooth & quiet operation

## **Safe**

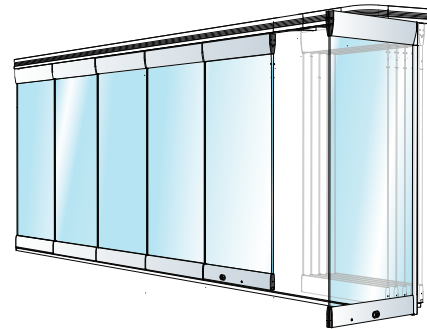
- Complies with all application norms and standard and is TUV approved [DIN 18650 – 1]

# STW - Configuration Options

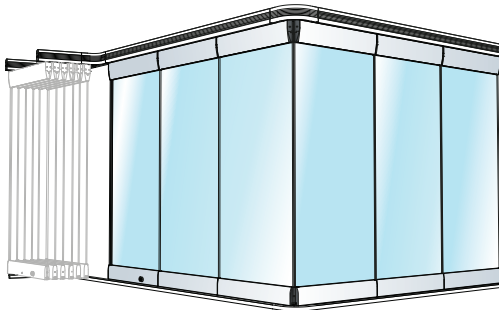
Automatic sliding walls separate spaces in an aesthetically pleasing and flexible way. They create a temporary division that allows you to apportion room space easily and according to the situation. The choice of leaf configurations gives you the freedom to design your own sliding wall system.



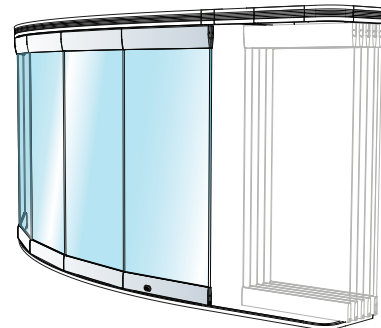
Straight



With built-in swing or sliding door



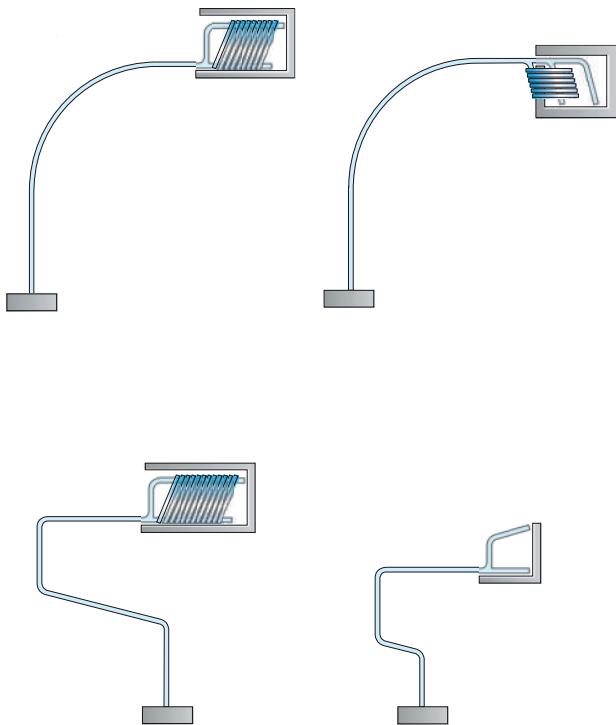
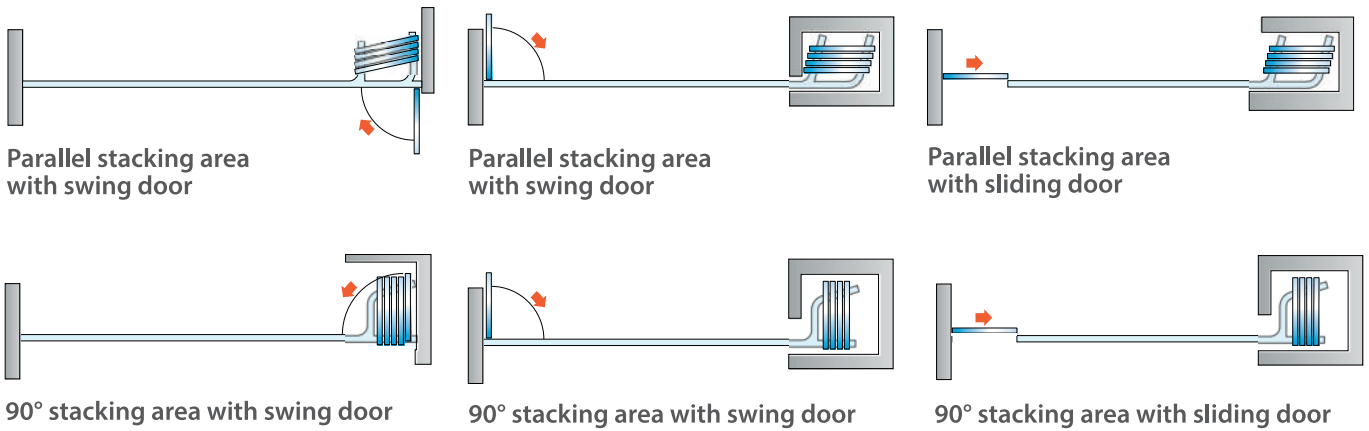
Angled



Curved

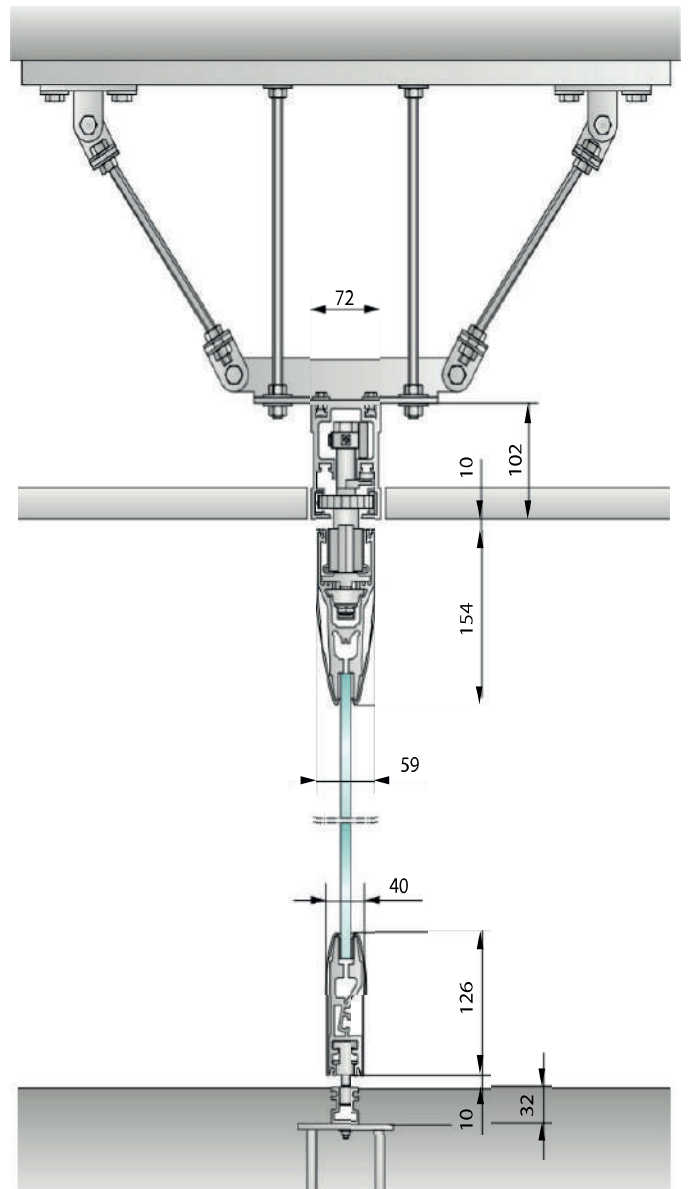


# STW - Specification



Stacking areas and recesses allow tucking away the leaves so that they can no longer be seen or compromise the sophisticated room design.

Main power supply:	230 V, 50/60Hz
Number of leaves per control:	Max. 30 leaves
Length of track rail per control:	Max 40 m
Leaf width:	750 - 1500 mm
Leaf height:	Depending
Leaf weight:	Max. 180 kg







# Sensor Technology

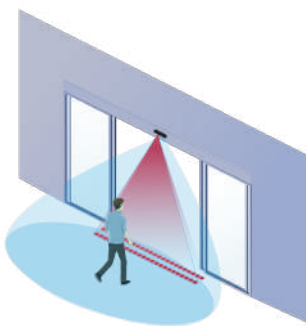


Putting your safety first - personal safety is of utmost importance where the operation of automatic doors is concerned. The presence of persons around a foot activates opening of the door. Cutting and crushing injuries are prevented. The concept of safe operation also relies on correct installation and commissioning, along with regular inspection and proper maintenance of the systems.

Function	Size of sensing field	Technology	Advantages
<b>Opening</b>	Average & Large	Microwave	Large sensing field sensing persons Sensing people Very precise curtain field
	Average & Small	Passive infrared	
	Short	Active infrared	
<b>Safety</b>	All	Active infrared	Precise field and very fast sensing

## Possible Applications

### Sliding & Folding Door



**Opening & Safety**



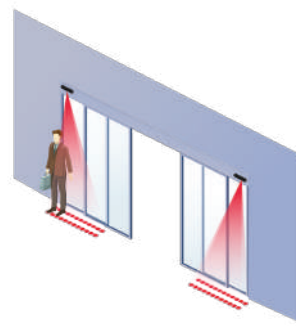
IXIO-D



**Opening**



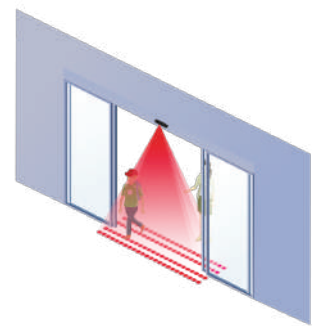
EAGLE



**Safety**



EAGLE



**Safety**



IXIO-S



IXIO-S



## Swing Door



**Opening**



FLATSCAN



**Opening**



IXIO-CA



**Safety**



FLATSCAN



EYE-TECH



**Opening & Safety**



FLATSCAN 3D

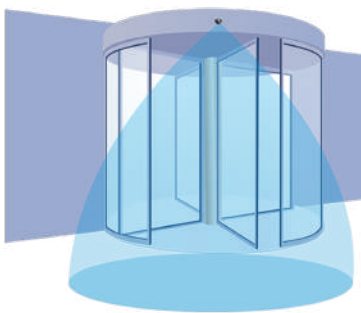


**Safety**



IXIO-D

## Revolving Door



**Opening**



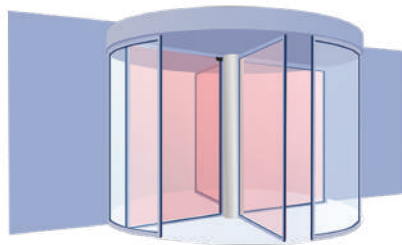
EAGLE



SEAGLE



FLY



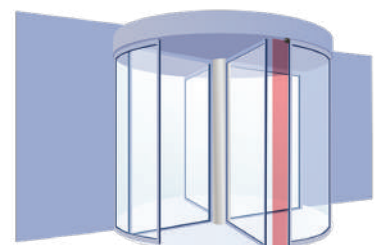
**Safety**



EYE-TECH



FLATSCAN REV LZ



**Safety**



MICROCELL



FLATSCAN REV PZ



# 360° Maintenance Services

We understand the importance of maintaining safe and secure access in and around your premises. We service and repair Automatic door, Sliding window, Security gate, Roller shutter and other categories to ensure your building is secure and your people are safe.

## 100% Caring Of Your Investment

By choosing AUB Service, you are supported by our technician team of local, accredited and fully trained & equipped engineers. All enquiries are routed through our professional hotline providing you with a single point of contact and fast response times. We shall assign a technician who takes ownership in handling a particular customer. Our technician has the knowledge and is familiar with the location/ premises, perfect understanding of customer expectations, rules and behaviors and shall provide the best solution to our customer.

## Preventive Maintenance

It helps prevent accidents, reduces breakdowns and prolongs the life of the door operator. There are also legal implications regarding the servicing of specific door types, to ensure the safety of users at all times. Whether you are a small independent or large corporation, we can provide a tailored solution around your individual requirements.

## Expert Assistance

Our service team is being trained by our long-term suppliers and partners. We find the root cause and fix it in a proper way to ensure our client experience the best performance of the system. Based on our experience, 85% of malfunction cases were being fixed without replacing a spare part.

## Original Manufacturer Spare Parts

Original spare parts come with warranty. All our spare parts are sourced from the original manufacturer. We never sell any spare parts from unknown source as this might induce negative effect to the entire system.

## Free Site Inspection

For the customer with a service contract, we shall provide free site inspection for any malfunctioning system even of other brands.

## E-Call Service

4hrs Quick Response \*Only apply on Platinum Service Plan. For the Premium customer, our quick response on-site service shall protect your premises from suffering for waiting, breakdown or malfunctioning system.

## Tailor Made Packages

Do you have any other requirements?  
Please let us know so we can create a package specially for you.



**AUB**

# Maintenance Packages

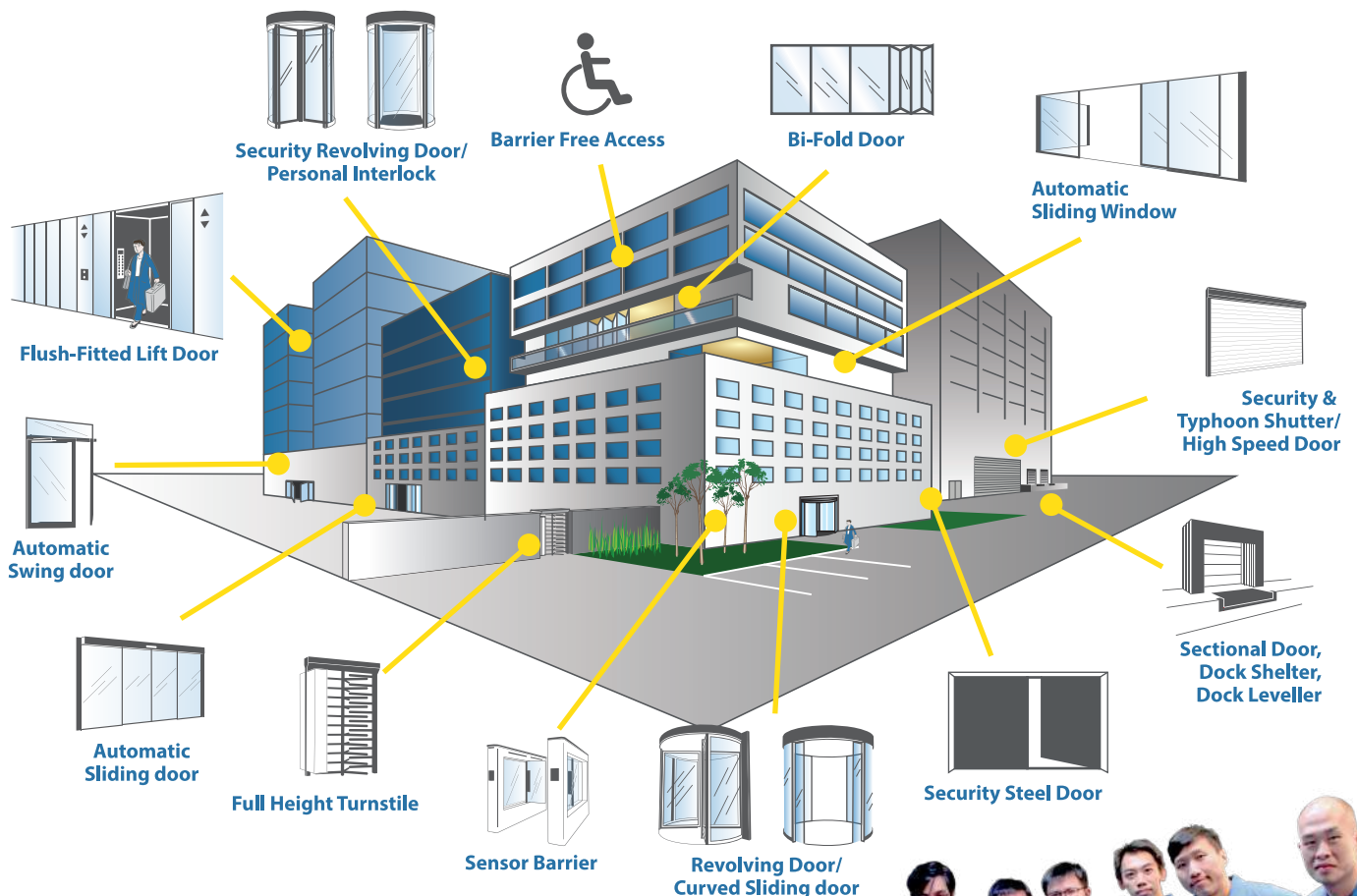
Regular, preventive maintenance of your system is a basic requirement when it comes to long years of reliable operations.

	Basic	Gold	Platinum
Service Hotline	✓	✓	✓
Site inspection	✓	✓	✓
Maintenance record	✓	✓	✓
Inspection Report & Technical advice		✓	✓
Preventive maintenance	Annual / Every 6 months	Every 3 months	Every month
Corrective maintenance	Office hour*	Office hour*	office hour and* Non-office hour
Call-out service	48hrs	24hrs	4hrs
Service report			✓
Special discount		✓	✓

\*Terms & Conditions apply

\*AUB Limited reserves the right of final decision

## Maintenance - a Wide Range of Products and Applications



**GIVE US A CALL!! 6688-2511**

**TAKE ADVANTAGE OF OUR  
LONG YEARS OF EXPERIENCE**







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[www.aub.com.hk](http://www.aub.com.hk)