



# Automatic Entrance Solutions

Your global partner  
for entrance solutions





# Index

- 04–05 Who we are, What we do**  
Introduction to Record
- 06–07 Service & Maintenance**  
See our range of service packages
- 08–09 Specification Support & Advice**  
Guidance on design, compliance & technical
- 10–11 Automatic Pedestrian Entrances**  
Automatic Solutions to meet all your requirements
- 12–19 Automatic Swing Doors**  
DFA 127, C 127 X concealed underfloor drive
- 20–21 ecoLOGIC**  
A sustainable AI solution
- 22–25 STA 20, STA 22, STA20 FL**  
Automatic sliding door & variants
- 26–29 FTA20/FTA20 FBO**  
Automatic Folding Door
- 30–33 TSA 20, TSA 22, CLEAN T2**  
Telescopic sliding door & variants
- 34–41 Revolving Door Range**  
Power-assisted and automatic variants
- 42–45 Aluminium Doors & Frames**  
Impressive shop front solutions
- 46–57 Record THERMCORD Range**  
Thermally separated sliding doors
- 58–61 Record CLEAN K1-A**  
Hermetically sealing sliding door
- 62–63 Security Entrance Control**  
Keep you premises secure
- 64–79 Security Speed Gates**  
Control pedestrian flow for indoor spaces
- 80–85 Security Turnstiles**  
Secure access for public areas
- 86–87 Security Pass Gates**  
Secure entrances for retail outlets
- 88–91 Flip Flow Exit Lanes**  
Maximum security for airports



## Who we are, what we do ...

Record is the UK's leading manufacturer, installer, and service provider of automated pedestrian entrances and aluminum shopfronts.

Regardless of whether you have a single entrance or multiple locations, we offer a wide range of solutions from striking commercial facades and elegant openings to sophisticated entrance control systems, seamless door installations and replacements.

Our customers rely on us to deliver the right automatic door solutions promptly, within budget, and in full compliance with the latest European standards for quality, safety, and security.

apprenticeships  
accessories underfloor drives  
sliding specification advice healthcare  
curved **automatic doors** shop fronts  
service & maintenance swing revolving  
speed gates sensors turnstiles  
telescopic folding hermetic thermally broken  
hygienic burglar resistant education  
weather resistant transport & aviation  
in-house manufacturing breach control  
technical support





## Service & Maintenance

Your automatic entrance is more than just an entrance —it’s your first line of defence against the climate, your customer’s first impression, and it is an essential tool in keeping your business secure. In essence it’s an investment worth protecting.

### What can we offer?

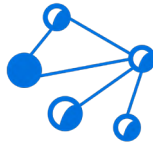
Record is the largest direct provider of automatic door services in the UK. With over:



90 directly employed engineers



28,000 doors under contract



5 Regional Hubs



24/7, 365 nationwide support

All Record UK engineers are trained in-house and fully qualified to the latest BS7036/EN16005 Automatic Door Standards to ensure the highest quality of service.



Speak to our Service Sales team

## Service Levels For All Your Needs

Whether you have one entrance or multiple sites, our range of contracts are structured to offer you the level of service and support to suit your budget, help you meet legal requirements and reduce the costs of your doors over their lifetime.

	Standard Care	Proactive Care	Full Care
Meets BS EN 16005 or BS 7036 Automatic Door Standards	✓	✓	✓
24/7 Service Desk	✓	✓	✓
PPM and Safety Test During Record UK Normal Working Hours	✓	✓	✓
Electronic Visit Report	✓	✓	✓
Health and Safety Advice	✓	✓	✓
Lifecycle Advice	✓	✓	✓
Standard Response <sup>1</sup>	✓	✓	✓
Enhanced Response <sup>2</sup>	X	X	Upgrade Option
Callout and Repair Fee <sup>3</sup>	Chargeable	Normal Working Hours Included	24/7 Included
Additional Working Hours	Chargeable	Normal Working Hours Included	24/7 Included
Materials <sup>4</sup>	Chargeable -5% Discount on Stocked Parts	Chargeable -10% Discount on Stocked Parts	Component Parts
Misuse Damage	Chargeable	Chargeable	Chargeable
Recommended Term	1 Year	2 Years	3 Years
Specific Exclusions	Beyond Economic Repair (BER), Ram Raids / Significant Criminal Damage, Acts of God and Misuse & Abuse	Beyond Economic Repair (BER), Ram Raids / Significant Criminal Damage, Acts of God and Misuse & Abuse	Beyond Economic Repair (BER), Ram Raids / Significant Criminal Damage, Acts of God and Misuse & Abuse

1 Standard Response — our standard response is four hrs for critical emergencies and security issues, 24 hrs for breakdowns and 72 hrs for general attendance requests.

2 Enhanced Response is eight working hours

3 Callout and repair fee includes travel to site and the first hour on site. Additional hours are charged as used.

4 Excludes complete replacement of door, frames, and major components



For more information about our Service Packages



## Specification Support & Advice

**Ensuring that you specify the right automatic doors for your individual projects is our number one priority.**

Our Automatic Door Specification Expert is on-hand to give support and guidance on design, compliance, technical and specification.

Our complementary service ensures you choose the right automatic door solution that is compliant with industry standards, meet the end-user's expectations, and is installed as smoothly as possible.

### How can we help?

- » Design intent
- » Building location & door system usage
- » Environmental considerations
- » Thermal performance
- » Pedestrian flow rates
- » Accessibility and user comfort
- » Fire strategy
- » Security
- » Interface with the fabric of the building
- » Aesthetic finish
- » Compliance with standards & regulations



For more information about  
our specification support







## Automatic Pedestrian Entrances

Record offers a number of automated pedestrian entrances. Whether you are looking to create a grand entrance, accommodate a heavy pedestrian foot flow or prevent burglaries and intrusions, we have a solution.

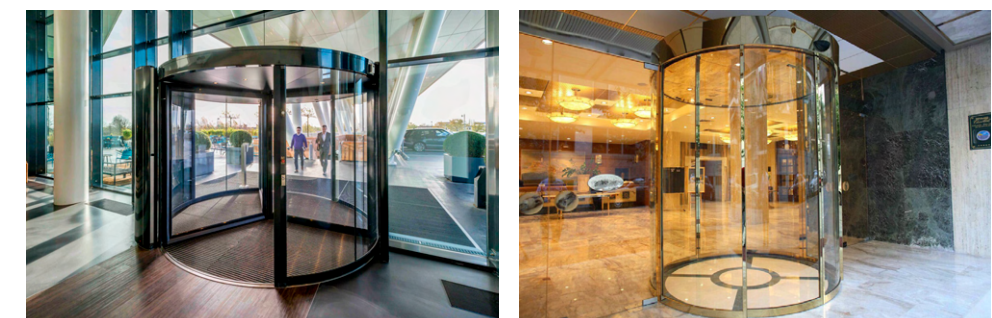
We have entrances that suit the need of a number of industries including education, healthcare, transport, finance, retail, commercial and many more.

Our sliding doors offer convenience for entrances which experience high levels of pedestrian traffic, whilst our automatic swing doors help automate manual doors quickly and economically.

We also manufacture, supply and install energy saving, burglar resistant, folding and telescopic doors.

**Coming soon in 2025...**

...our new range of revolving and curved sliding doors, designed to impress your visitors.





Automate any  
existing  
entrance



## Record DFA 127

Swing door operator - reliable, versatile and safe

The Record DFA 127 is a universal drive system for the automation of swing doors and the market leading operator in the UK, with over 10,000 units sold each year. Its broad range of applications makes it suitable for widely differing requirements.

### Applications

Especially suitable for offices, corridors, care homes, hospital wards, educational facilities, libraries, restaurants and hotels.

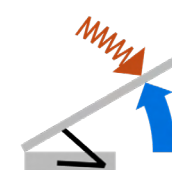
### Key benefits

- » Automates existing and new swing doors quickly and economically
- » Adjustable spring force enables the DFA to be adjusted on the spot to operate a range of door sizes with a spring closing force from EN4 to EN6
- » Extremely versatile, can be set up as either FULL POWER for heavier doors or LOW ENERGY for slow-moving traffic
- » Compact design, aesthetically appealing to suit all building styles
- » Silent in operation, making it suitable for quieter areas where low noise is essential
- » Robust and reliable, easy to maintain and service
- » Approved for use as a hold-open system

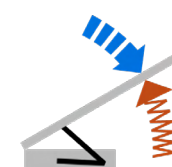


### Product range

#### Full power



#### Inverse



#### Fire



### Key features

- » Extensive functionality without additional modules
- » Refined technology
- » Programmable microprocessor
- » Motion sensor activated
- » Ingenious mechanics, ensure optimum power deployment is achieved in the entire door swing area
- » Complies with the latest standards for safety requirements
- » Tested to 1 million cycles - 500K more than the required testing
- » Reliable Swiss quality - fit and forget
- » Popular for a reason - robust, versatile and simple to install
- » UK fire certification (30-60 min)
- » Compatible with access control systems
- » Suitable for escape routes

### Technical specifications

Door closer size	EN4-EN6 for standard arm and slide arm.
Opening time/closing time	3-20s/5-20s
Opening angle	70-115° (INVERSE up to 95)°
Electrical power supply	230 VAC, 50/60Hz
Rated power	67W
Consumption in standby mode	13W
Dimensions (H x W x L)	85 x 124 x 600mm
Max. recess	Push 330mm Pull 200mm
Operating modes with internal BDI operating switch	Automatic operation Continuously open Manual operation
Operating modes BDE-D control panel with display (optional) In addition to the standard modes	Locked One-way traffic Operation lock





### Unimpeded disabled access

Safety features include 'hold-open' that offers barrier-free accessibility for those who struggle with mobility or in the event of a fire they can be used as emergency exits.

### DFA 127 Full Power for heavier doors

A more powerful option, this setting for the DFA 127 operator is capable of shifting doors that weigh hundreds of kilos with ease, leading to greater freedom in design.

### Compatible with fire alarm systems

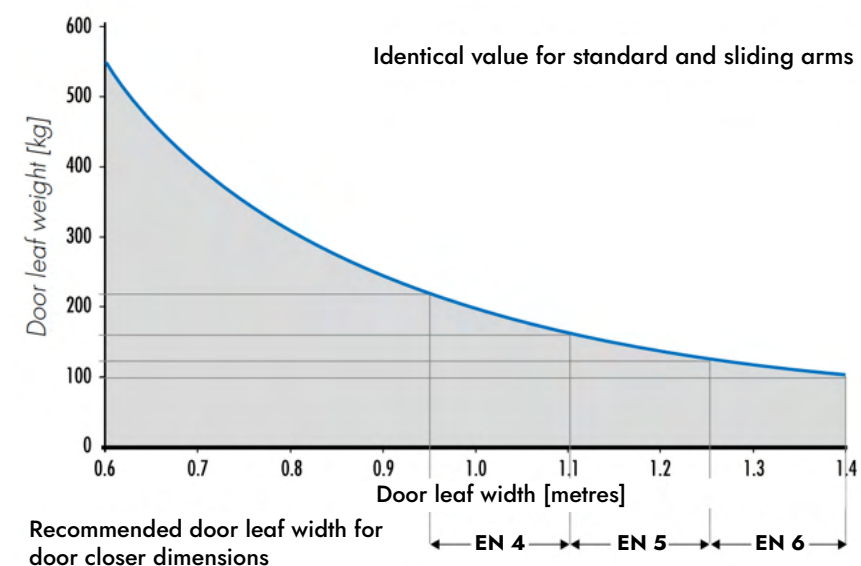
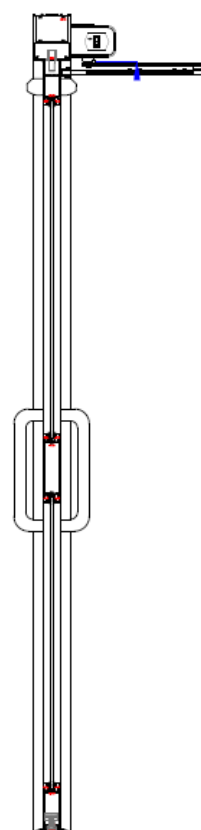
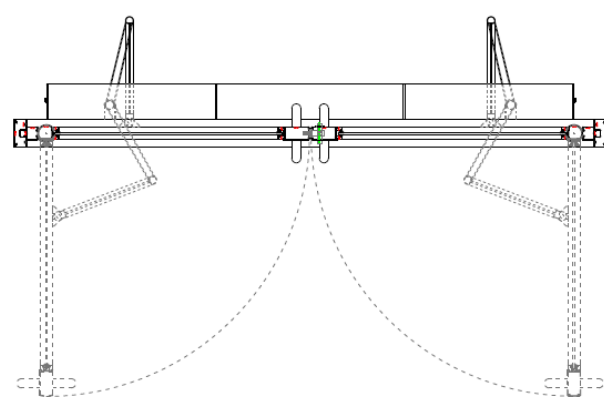
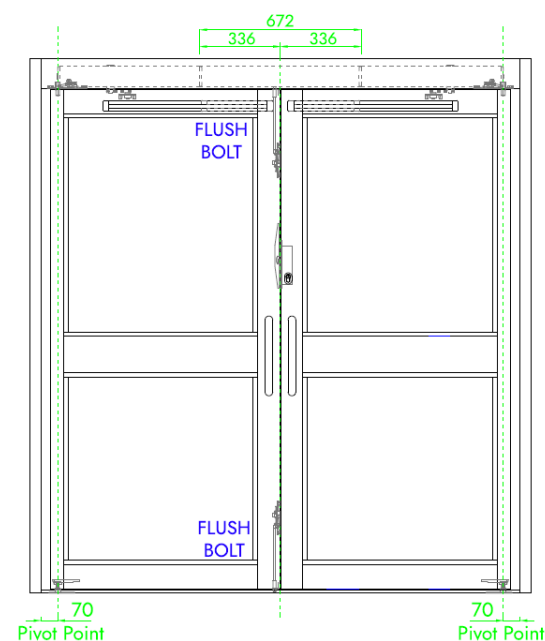
In case of fire, a signal from the smoke and heat detector or fire alarm system triggers immediate closing off the passage, or can fail open to allow fresh air to circulate inside buildings, or to vent smoke and heat

### Increased safety for elderly & disabled

For hospitals & care homes the DFA 127 provides additional safety with a reduced energy output option to ensure safe passage for those with limited mobility.

### Finishes

Available in standard stainless steel or for an additional cost, powder coated aluminium in over 200 RAL colours.



### Accessories

#### BDE-D Electronic Control Unit

A convenient and user-friendly remote control unit for the intuitive control and programming of doors with Record operators.

#### Record BLS 60 Touchless Switch

This switch ensures hygienic use by automatically opening the door as you approach, eliminating the need for any hand contact.

#### Record Battery Back Up

The Record Battery Back Up is both powerful and compact. It is ideal for single door openings to provide uninterrupted operation in the event of a power failure.



For more information

Speak to our sales team





Easily move  
door wings up  
to 600kg



## Record C 127 X

Minimalist appearance with excellent weather resistance

The world's first underfloor drive for swing doors with protection class IP69 – completely watertight! Create the impression of a driverless swing door for a luxury and minimalist appearance

### Applications

Especially suitable for offices, luxury boutiques, hotels, public buildings or any premises in need of a discreet entrance solution

### Key benefits

- » Able to move heavy doors up to 600kg in weight
- » IP Class 68 and 69 available for the best protection against snow, ice or rainwater
- » Invisible, noiseless drive to complement surrounding architecture and create a luxury environment
- » Suitable for double leaf door systems (master/slave)
- » Designed for easy and fast installations
- » Low-maintenance & service-friendly



### Centre

In the centre design, the door leaf is placed in the middle of the operator and could be used as a lower door mounting.

In case of hinged doors, it could be used with a sliding arm which will be mounted directly at the frame.



### Offset

In the OFFSET version, the drive axis has been shifted from the centre to the edge of the housing, thereby reducing the clearance to the side wall to only 50 mm.

This ensures that expansion joints or moisture barriers installed in front of the door sill are not affected and the drive can be mounted completely on the inside of the building.

### Features

#### Fully integrated; encapsulated to repel dirt and liquids

The integrated electronic and control unit fulfil the highest Protection Class with an IP69 rating, protecting against water and dust.

#### Integrated wind load brake

By bringing the door to a controlled stop when under the influence of heavy wind, this brake prevents damage to the door, allowing for use in harsher environments such as by the coast.

#### Inverse safety option

In the event of a fire this feature allows the door to be used as an air vent opening to allow fresh air to enter the building or for smoke and heat extraction.

### Options

Stainless steel cement box

Customized door lever

Threshold plate or Terrazzo tray for invisible integration into the building

Sliding arm and sliding rail

(required for hinged doors)

Operation unit for tablet access





### Hidden door drive

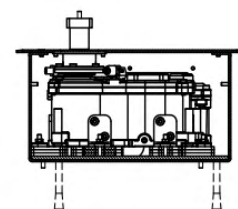
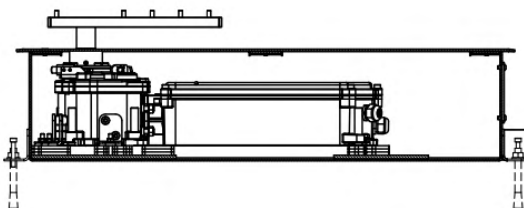
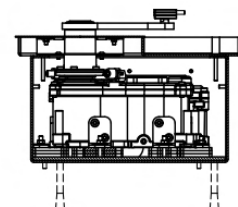
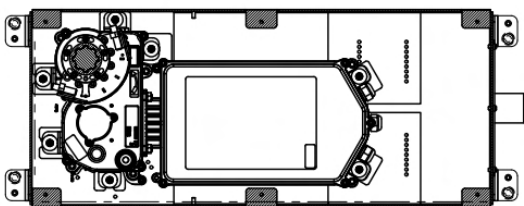
The C 127 X door drive can be visually customised to match the surrounding floor, creating the impression of a driverless door.

### Technical specifications

Opening width (one wing)	800 - 1800mm
Opening width (two wings)	1600 - 3600mm
Opening angle	70° - 120°
Opening/closing speed	Adjustable
Maximum passage height	4000mm
Door wing weight (max)	600kg
Maximum moment of inertia	170 kgm <sup>2</sup>
Permissible wind speeds in operation	10,000,000 mean cycles (with recommended maintenance)
Rated voltage	50-60Hz
Rated power	67w
Consumption in idle mode	25w
Standard compliance	EN 16005, EN 18650, ANSI 156.19, BS 7036

### Technical data

	Offset	Center
Dimensions (LxWxH)	561 x 258 x 152mm	641 x 231 x 152mm
Dimensions with stainless steel cement box (LxWxH)	840 x 320 x 173mm	840 x 320 x 173mm
Position rotation axis	50 x 50mm	105 x 53mm
Weight	19kg	19kg
IP classification	IP 69	IP 69
Rel. humidity	Up to 85%, no condensate	Up to 85%, no condensate
Temperature range	-15 °C to +50 °C	-15 °C to +50 °C



### Operating modes

#### Manual mode

The drive is used as a mechanical door closer. The door can be opened without motor resistance and closes purely mechanically with spring force.

#### Power assist

Allows a door to be opened manually, but opening movement is motor-assisted meaning even heavy doors can be opened effortlessly.

#### Touch control

The door requires only a short, fixed pulse to be opened automatically and closes after a selectable time span of 0 - 60 seconds has expired.

#### Automatic mode

An electronic opening pulse is sent to the door via a sensor, a key switch or a button.

#### One-way traffic

Ensures the doors only open for people leaving a premises, allowing store owners to shut on time.

#### Locked

The motor uses full power to resist manual opening of the door wing for effective burglar protection.



For more information

Speak to our sales team





# ecoLOGIC

## for System 20 Sliding Doors

An AI algorithm for improved customer experience and increased energy savings.

\*Available on System 20 sliding doors.

### Intelligence

Dynamically adjusts door settings to minimise unnecessary open time.

### Sustainability

Reduces entrance energy costs and carbon footprint.

### Lifespan

ecoLOGIC can reduce opening cycles by 2-7%.

### Security

ISO 27001 certified. We follow the highest security standards for our cloud based AI-solution.



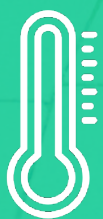
Watch our ecoLOGIC launch video



Speak to our sales team to find out more



Cloudiness



Temperature



Humidity



Winds



Predicted customer traffic



Customer experience



The all-round classic sliding door



## Record STA 20

Unparalleled performance and convenience in automatic door systems

The Record STA 20 is a classic, well-proven single and double-leaf automatic sliding door system which can be installed as a complete door package, or retro-fitted on existing aluminium, steel or timber doors. With a unique learning ability to automatically adjust, the STA 20 offers outstanding reliability and ongoing performance.



### Applications

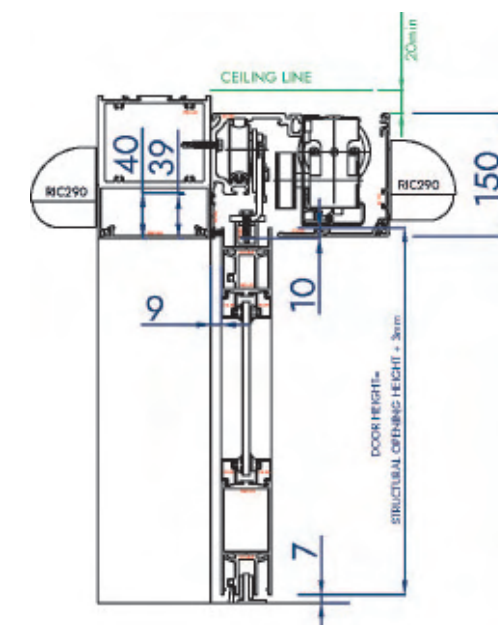
Suitable for high traffic areas such as offices, retail stores, supermarkets, hospitals, educational facilities, leisure attractions and public buildings.

### Key benefits

- » Provides barrier-free access for all pedestrians and wheelchair users
- » Aesthetically pleasing appearance to suit all building styles
- » All models can be adapted for security or used on escape routes
- » Incredibly reliable, resulting in lower service and maintenance costs
- » Exceptionally quiet in operation, ideal for areas where low noise is essential
- » Interactive communication between components to monitor and enhance performance, safety and security
- » Available in over 200 RAL colours

### Recommended application limits: Standard sliding door

		
Door type	E-STA (one leaf)	D-STA (two leaves)
Opening width	800 – 3 000 mm	800 – 3 000 mm
Clear height of passage	3 000 mm	3 000 mm
Max. door leaf weight	1 x 150 kg	2 x 120 kg
DUO / RED model	1 x 150 kg	2 x 150 kg
Reinforced (20-200 / 22)	1 x 200 / 1 x 250 kg	2 x 150 / 2 x 200 kg
Recommended application	Single leaf door automation for tight spaces	For most normal applications



### Key features

- » **RC2/RC3** security ratings available
- » Wide range of models and applications
- » High capacity with efficient and low noise operation
- » Failsafe electric motor brake locking (option) with extended battery backup
- » Continuous self-monitoring system with diagnostics
- » Insulating glass for greatest possible transparency
- » Able to integrate into any architectural design
- » Full glass and heavy duty variants available
- » Compatible with access control systems

### Technical specifications

Max. opening speed	0.7m/s (adjustable)
Max. closing speed	0.7m/s (mass-dependent adjustable)
Hold-open time, day:	0–30 s (adjustable) adjustable time until the door closes
Mains power connection	230 VAC, 50 Hz
Protection rating	For use in dry locations only
Power consumption	100W max, 20W idle mode
Power output	< 10 mW
Ambient temperature	–15°C to +50°C
Response time, max.	< 50 ms



# Record STA 22

For heavier door leaves

For heavier door leaves this variation of the operator can shift larger loads up to 1 x 250kg or 2 x 200kg, removing the need for any compromise in the door design.

### Key benefits

Includes all the benefits of the standard STA 20 as well as...

- » Greater architectural freedom limiting design restrictions
- » Create entrances that are guaranteed to impress guests
- » Wider range of dimensions & profile thicknesses available



# Record STA 20 FL

Stunning all-glass design

By eliminating steel frames around the doors, these all-glass entrances create the impression of a more open space, allowing more light to flood into the room, leading to a more luxurious feel.

### Key benefits

Includes all the benefits of the standard STA 20 as well as...

- » Creates a stunning entrance guaranteed to impress guests
- » Allows light to flood in creating a more natural ambience
- » Insulating glass for maximum transparency



## Recommended application limits: Heavy duty sliding door



Door type	E-STA (one leaf)	D-STA (two leaves)
Opening width	800 – 3 000 mm	800 – 3 000 mm
Clear height of passage	3 000 mm	3 000 mm
Max. door leaf weight	1 x 250 kg	2 x 200 kg
Recommended application	For single entrances with a heavier door leaf weight	For double entrances with a heavier door leaf weight

## Technical specifications

Max. opening speed	0.7m/s (adjustable)
Max. closing speed	0.7m/s (mass-dependent adjustable)
Hold-open time, day:	0–30 s (adjustable) adjustable time until the door closes
Mains power connection	230 VAC, 50 Hz
Protection rating	For use in dry locations only
Power consumption	100W max, 20W idle mode
Power output	<10 mW
Ambient temperature	–15°C to +50°C
Response time, max.	<50 ms



## Accessories

### BDE-D Electronic Control Unit

A convenient and user-friendly remote control unit for the intuitive control and programming of doors with Record operators.

### Record BLS 60 Touchless Switch

This switch ensures hygienic use by automatically opening the door as you approach, eliminating the need for any hand contact.

### Record VRR 20 Motorised Locking System

This motorised lock can be used on single, bi-parting or telescopic doors to offer protection against burglars and opportunist thieves.



For more information

Speak to our sales team





Increased  
resistance to  
heavy wind



## Record FTA 20

### Create wide entrances in limited spaces

The FTA 20 folding door is excellent for limited spaces, where the use of sliding doors is prohibited, as it maximises the clear opening width. The FTA 20 FBO shares all the same features but can also be used on escape routes, thanks to its optional break-out function.

#### Applications

Suitable for narrow passageways and entrances in restaurants, kitchens, airports, offices, hospitals, care homes, educational establishments and leisure facilities. Especially suitable as entrance doors in windy conditions.

#### Key benefits

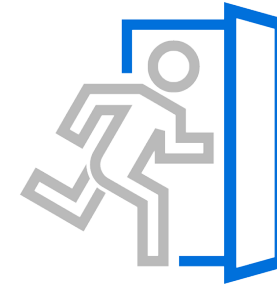
##### Record FTA 20

- » Ideal for entrances with limited space, the width of the passage can almost be fully retained
- » These space-saving doors fold inwards negating the need for added room around an entrance
- » Can be easily retrofitted to save valuable time and money on installation
- » Excellent for windy environments, as doors remain easy to open and close
- » Designed to work well when fitted into corridors or to section off areas such as the kitchen to the dining room in a restaurant
- » Reliable and robust, easier to maintain and service
- » Aesthetically pleasing and complements all architectural designs

##### Record FTA 20 FBO

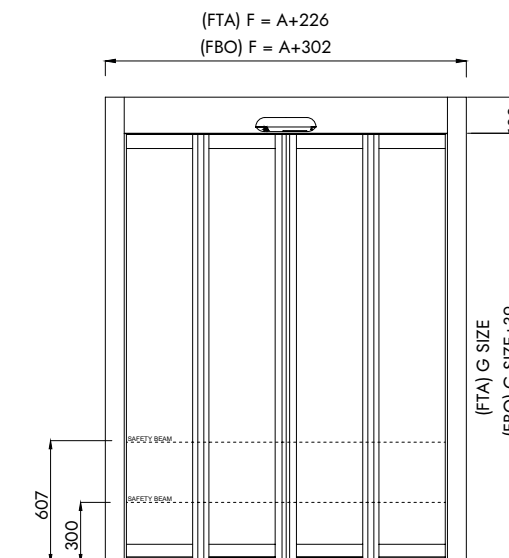
Features all the benefits of the standard FTA 20 as well as...

- » Provides an escape or exit route in narrower or restricted spaces in an emergency
- » Simply and easy to open — access to escape routes is provided by light pressure on the door panels
- » Door panels open in the direction of escape, enabling users to exit as quickly as possible



#### Emergency exit function

In emergencies, these folding doors are operated by light pressure on the door panel freeing the track from its mountings, allowing the door panel and track to open outwards.

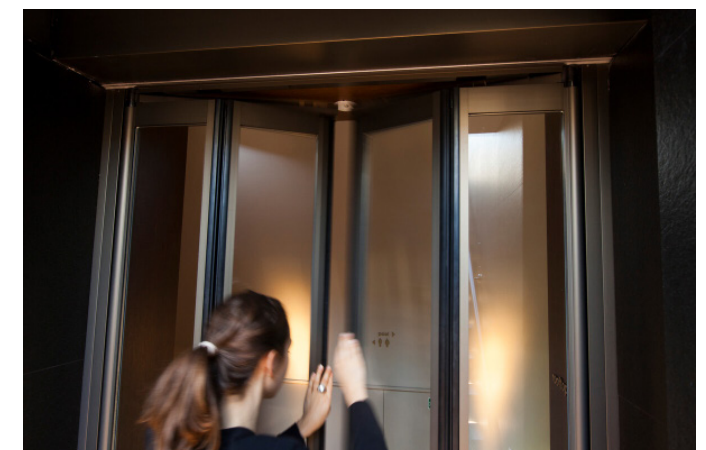


#### Key features

- » Can be used as one-sided or two-sided units, depending on the total width available
- » Hinged doors available in various dimensions
- » Doors can be retrofitted into the wall
- » For FTA 20 FBO — doors open outwards
- » Controllable parameters such as speed and opening time
- » Easily programmable
- » Aluminium frame and cover available in anodised and powder coat colours
- » Radar/infrared detectors, switches and swipe card available

#### Basic functions

- » Automatic operation
- » One-way traffic
- » Continuously open
- » Manual Control
- » Interlock function
- » Operating lock
- » Automatic reverse

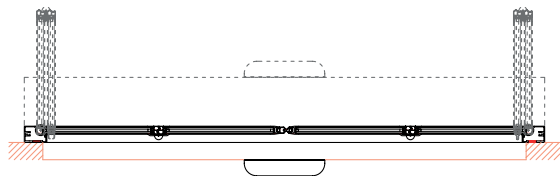




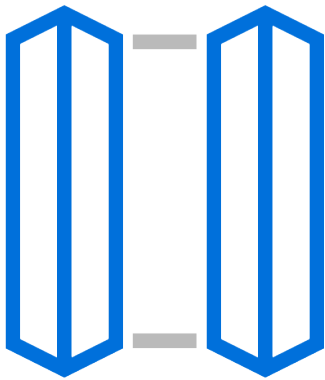
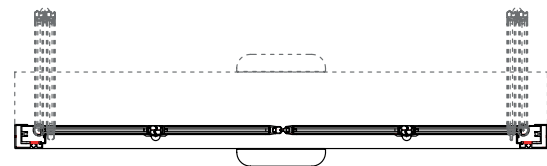
Operators available

- » Single Bifold - In-line
- » Single Bifold - Faced Fixed
- » Double Bifold - In-line
- » Double Bifold - Faced Fixed
- » Electric Lock

Face fixed



In line fixed



Create a wide opening with limited space

These space saving doors negate the need for added room around the entrance meaning they are suitable for areas with limited space.

Recommended application limits:  
Folding sliding door

Door type:	Single Folding	Double Folding
Opening width:	800-1200 mm	800-2000 mm
Clear passage height:	2500 mm	2500 mm
Max. door weight:	2 x 37.5kg	4 x 37.5kg
Recommended application:	2 leaf door	4 leaf (bi parting)

Technical specifications

Door operating speed:	up to 0.7m/s (adjustable)
Operating housing dimension	D x H: 240 x 180 mm
Power supply:	230 V AC / 50 / 60 Hz
Power consumption:	100 W max, 20 W idle mode
Ambient temperature:	- 15 °C to + 50 °C

Increased resistance to strong wind

The FTA 20 provides the perfect solution for areas that experience harsh wind such on the coast, with door leaves that remain easy to operate and resist damage.

Compatible with fire alarm systems

In case of fire, a signal from the smoke and heat detector or fire alarm system triggers immediate closing of the passage.

Various modes of operation

Including automatic, one-way traffic, continuously open, manual control and interlock function.

Over 200 standard RAL colours available

With over 200 colours available we can match the surrounding colours of almost any façade and ensure that entrances designed to convey a brand are not



Accessories

BDE-D Electronic Control Unit

A convenient and user-friendly remote control unit for the intuitive control and programming of doors with Record operators.

Record BLS 60 Touchless Switch

This switch ensures hygienic use by automatically opening the door as you approach, eliminating the need for any hand contact.



For more information

Speak to our sales team





Create a wide opening with stacking door leaves



## Record TSA 20

Create the widest possible entrance

Record TSA 20 telescopic sliding doors take up around 30% less space thanks to their leaves which stack in the open position, requiring less interior wall space than other solutions.

### Applications

Suitable for narrow passageways and entrances in offices, retail stores, super-markets, hospitals, educational facilities, leisure attractions and public buildings



### Key benefits

- » Two and four-leaf telescopic sliding doors can cover particularly large openings widths of up to 4,000 mm
- » Heavy-duty automatic door provides exceptional power, safety and reliability
- » Versatile operator integrates effortlessly with access control, fire alarms and control systems
- » Exceptionally quiet in operation, ideal for areas where low noise is essential
- » Aesthetically pleasing appearance to suit all building styles
- » Incredibly reliable, resulting in lower service and maintenance costs
- » Simplified commissioning for quicker assembly
- » Malfunction potential is greatly reduced by the drive monitoring ability
- » Available in over 200 RAL colours

### Key features

- » Refined technology
- » Programmable microprocessor
- » Motion sensor activated
- » Complies with the latest standards for safety requirements
- » Reliable Swiss quality
- » Self-learning processor with active automatic adjustment for ongoing quality performance
- » Robust construction and precise microprocessor, utilises the same track and components of the Record System 20
- » Available with RC2 security rating
- » Can be adapted with thermal separation for greater energy efficiency

### Recommended application limits: Telescopic door

		
Door type	E-TSA (two leaves)	D-TSA (four leaves)
Opening width	800 – 3 000 mm	1 200 – 4 000 mm
Clear height of passage	3 000 mm	3 000 mm
Max. door leaf weight	2 x 90 kg	4 x 80 kg
DUO model	2 x 120 kg	4 x 90 kg
Reinforced (20-200 / 22)	2 x 130 / 2 x 170 kg	4 x 90 / 4 x 130 kg
Recommended application	for maximum width of passage in tight spaces	for elegant entrances and generous width of passage

### Specifications

	Bi-parting	Single-parting
Open time	Selectable from 0 - 6 seconds	Selectable from 0 - 6 seconds
Power supply voltage	100 - 240 V AC	100 - 240 V AC
Rated power	90 W	90 W
Consumption in standby mode	25 W	25 W
Ambient temperature	-15°C to +50°C	-15°C to +50°C
Humidity range	Up to 85%	Up to 85%
Protection	IP 20	IP 20



# Record TSA 22

For larger, heavier entrances



For entrances that need to be as wide as possible but also move heavier door leaves, the TSA 22 provides the perfect solution.

### Key benefits

Includes all the benefits of the standard TSA 20 as well as...

- » Carry door weights from 2 x 170kg for single door & 4 x 130kg for double door
- » Allows for greater architectural freedom when designing the entrance
- » Impress guests with a grander, more striking entrance

### Recommended application limits: Heavy duty telescopic Door

		
Door type	E-TSA (two leaves)	D-TSA (four leaves)
Opening width	800 – 3 000 mm	1 200 – 4 000 mm
Clear height of passage	3 000 mm	3 000 mm
Max. door leaf weight	2 x 170 kg	4 x 130 kg
Recommended application	for maximum width of passage in tight spaces	for elegant entrances and generous width of passage

Specifications	Bi-parting	Single-parting
Open time	Selectable from 0 - 6 seconds	Selectable from 0 - 6 seconds
Power supply voltage	100 - 240 V AC	100 - 240 V AC
Rated power	90 W	90 W
Consumption in standby mode	25 W	25 W
Ambient temperature	-15°C to +50°C	-15°C to +50°C
Humidity range	Up to 85%	Up to 85%
Protection	IP 20	IP 20



# CLEAN T2

Hygienic telescopic door

Ideal for hospitals and cleanrooms, this hygienic door solution is both easy to clean and provides a wider opening for moving equipment, machines or patient beds.

### Key benefits

- » Noise dampening leaf core for quieter environments
- » Water resistant materials for use in damp areas
- » Hygiene friendly finishes and surfaces
- » Available with certified radiation protection inserts
- » Smoke and fire protection function



### Safety for patients

Our hygienic doors create a safer environment for hospital guests minimising the spread of disease.

### Accessories

#### BDE-D Electronic Control Unit

A convenient and user-friendly remote control unit for the intuitive control and programming of doors with Record operators.

#### Record BLS 60 Touchless Switch

This switch ensures hygienic use by automatically opening the door as you approach, eliminating the need for any hand contact.



For more information

Speak to our sales team





# Introducing our new range of Revolving Doors...

Record's new range of revolving doors combines functionality, security, and energy efficiency, making them an ideal solution for any building. Designed for high-traffic environments, they ensure seamless access while maintaining an optimal indoor climate by reducing heat loss and controlling airflow.

With a range of customisable options, including manual and automatic operation, Record's revolving doors can be tailored to meet the specific needs of your building. Features like adjustable speed settings, advanced safety systems, and enhanced security options ensure security and ease of use for visitors.

Ideal for commercial, public, or private spaces, Record's revolving doors offer reliability, durability, and aesthetic appeal. Adaptable to various building designs, traffic flows, and security needs, they provide an efficient, elegant, and sustainable solution.



Choose from our number of revolving door variants...





## Manual Revolving Door

### Traffic flow

Pedestrian – Individuals	•
Pedestrian – with luggage	•
Pedestrian – Groups (mm)	≥2700
Pedestrian – Speed Control	•
High Traffic including Trolleys & Wheelchairs	–
Max. Capacity per minute per direction	14–38

### Dimensions

Diameter (increment of 100 mm)	1800–3000
Internal passage height (mm)	2200–3000
Canopy height (mm)	200–1250

### Safety and Security

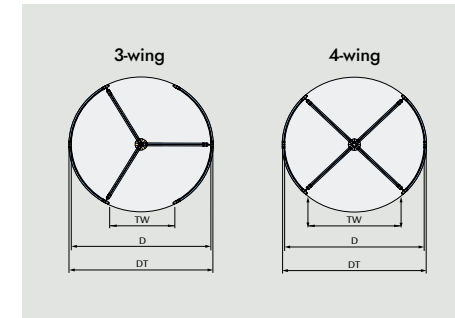
Break out capability	–
Emergency Escape 3rd Party Certification	–
TUV-Certification	•
EN16005:2012	•
EN1627:2011 Burglary Resistance Class 2 and Class 3	•
Night-Closing Doors (NCD), internal or external	•

### Applications

Suitable for office buildings, banks, retail stores, hotels, luxury boutiques, universities, restaurants, hospitals & transports hubs.

### Built for safety & convenience:

- » If an obstacle obstructs the door rotation, it ceases automatically
- » Compressible safety edges on outer wall entrance posts & soft-edge rubber profiles on door leaves lessen the risk of injury
- » Digital speed control mechanisms prevent dangerous door movements
- » Low-energy rotation ensures the safe return of the door to its parked position
- » Total compliance with EN16005 standards



(mm)	D min.	D max.	Formula
D (Internal Diameter)	1800	3000	+ 100
DT (External Diameter)	1896	3096	D + 96
DT (Internal Night Closing Doors)	1976	3176	D + 184
DT (External Night Closing Doors)	2024	3224	D + 224
<b>Without and with External NCD</b>			
3-wing TW true passage width	863	1463	$863 + ((D-1800)/100) * 50$
4-wing TW true passage width	1244	2094	$1244 + ((D-1800)/100) * 70,67$
<b>Without and with External NCD</b>			
3-wing TW true passage width	834	1434	$834 + ((D-1800)/100) * 50$
4-wing TW true passage width	1223	2071	$1223 + ((D-1800)/100) * 70,67$

### K100

#### Power Assist Revolving Door

Independent Certification – EN16005:2012	•
Speed control	•
Auto park	•
Power assist	•
Parking brake	•
Unrestricted free spinning	–

### Technical specifications

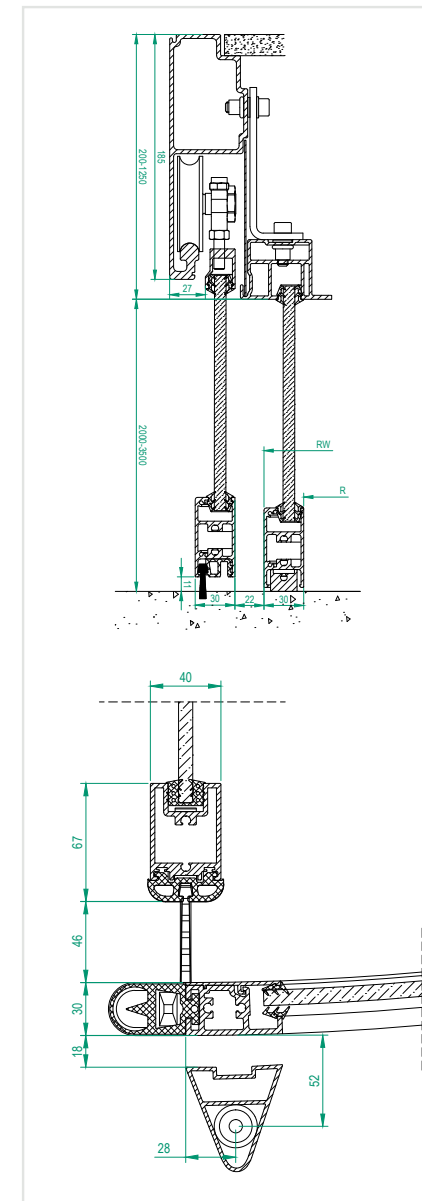
Power supply	100 – 240 VAC+10/-15%, 50/60 Hz, mains fuse max. 10 A (building installation)
Power consumption	300W including LED spot lights max. 30 W
Lighting LED 7 W	42 W

### Essential door equipment

Fascia, non-standard height 200 – 1250 mm
Internal height non-standard 2200 – 3000 mm
Manual operated with power assist
Control unit built-in behind the fascia above the inside entrance
Outer wall and door sections made from aluminium profiles
Glass outer wall maximum glass thickness of 18 mm
Glass rotating part maximum glass thickness of 14 mm
Ceiling made from aluminium panels
Dust protection roof made from white laminated panels
Flush mount emergency stop button
Independent certification to EN16005:2012
Brushed stainless steel push bars (vertical or horizontal)
Stable park position
Return-to-park position ensures safety and climate control
Speed Control; regulates door speed

### Accessories and options

Powder-coated finish (RAL colours), anodized or stainless steel cladding
Night Closing Doors (NCD) internal or external
Burglar resistance class 2 or 3 according to EN1627:2011
Mechanical espagnolette lock on door wing rotating part with or without locked indication
Finished floor installation or installation on stainless steel ground ring
Various finishes for ceiling and dust cover
Various finishes for Water-resistant cover
Midrails on outer wall, NCD and door leaves
Lighting LED with control
Insulated fascia
Electric or water heated Air curtain horizontal integrated in the canopy or external vertical side mounted



# Record K100

## Power assisted manual door

Our K100 revolving door stands as a first-rate, manually powered entrance solution tailored for customers who need a low-energy door solution – while still upholding unwavering quality standards. Available in both 3-wing and 4-wing configurations, it offers flexibility to suit diverse architectural and functional requirements.

### Key benefits

- » Optimised for conserving energy while maintaining quality & functionality
- » Enables users to manually regulate door motion for a seamless & intuitive experience
- » Syncs with pedestrians' pace, offering smooth & gentle motion, with pauses for the next visitor
- » Preserves optimal indoor climate by reducing energy loss
- » Includes integrated braking, supple door wings, & a Return-to-Home position for added safety
- » Offers anodized, powder-coated, or stainless steel finishes, along with designer or custom handles
- » RC2 & RC3 security levels ensure reliable protection



For more information

Speak to our sales team





## Compact Revolving Door

### Traffic flow

Pedestrian – Individuals	•
Pedestrian – with luggage	–
Pedestrian – Groups (mm)	≥2700
Pedestrian – Speed Control	•
High Traffic including Trolleys & Wheelchairs	–
Max. capacity per minute per direction	27–54

### Dimensions

Diameter (increment of 100 mm)	1800–3000
Internal passage height (mm)	2200–3000
Canopy height (mm)	200–1250

### Safety and Security

Break-out capability	–
Emergency Escape 3rd Party Certification	–
TUV-Certification	•
EN16005:2012	•
EN1627:2011 Burglary Resistance Class 2 and Class 3	•
Night-Closing Doors (NCD), internal or external	•

### Applications

Suitable for office buildings, banks, retail stores, hotels, luxury boutiques, universities, restaurants, hospitals & transports hubs.



# Record K150

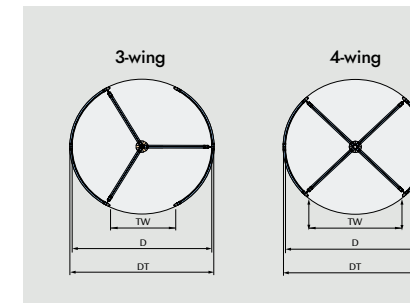
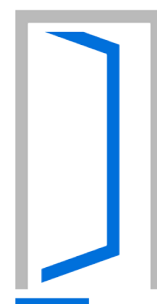
## A sustainable & elegant solution

The K150 Automatic Revolving Door allows for seamless automation with advanced speed control, available as a 3 or 4 wing door it offers robust safety features, and customisable configurations, ensuring secure, efficient, and stylish access for any building.

### Key benefits

- » Synchronises with pedestrian movements for optimal convenience and efficiency
- » Combines fully automatic operation with manual push options for swifter, user-friendly access
- » Offers three modes – Automatic High Speed, Individual Speed Control, and Low Speed – for tailored passage experiences
- » Active door-mounted systems prevent unsafe manual operation
- » Low-Speed mode reduces collision risks in shared use
- » Rubberised safety edges minimise entrapment or injury risks
- » RC3-rated for enhanced protection against unauthorised access or break-ins
- » Available in three- or four-door wing designs with various sizes to suit diverse building requirements
- » Simplifies installation and allows for easy configuration adjustments

For a truly comprehensive entrance solution, we recommend pairing the K150 with a Record swing or sliding door system.



(mm)	D min.	D max.	Formula
D (Internal Diameter)	1800	3000	+ 100
DT (External Diameter)	1896	3096	D + 96
DT (Internal Night Closing Doors)	1976	3176	D + 184
DT (External Night Closing Doors)	2024	3224	D + 224
Without and with External NCD			
3-wing TW true passage width	863	1463	$863 + ((D-1800)/100) * 50$
4-wing TW true passage width	1244	2094	$1244 + ((D-1800)/100) * 70,67$
Without and with External NCD			
3-wing TW true passage width	834	1434	$834 + ((D-1800)/100) * 50$
4-wing TW true passage width	1223	2071	$1223 + ((D-1800)/100) * 70,67$

### Safety and user convenience are our top priority when it comes to this door:

- » If an obstacle obstructs the door rotation, it ceases automatically
- » Compressible safety edges on outer wall entrance posts and soft-edge rubber profiles on door wings lessen the risk of injury
- » Digital speed control mechanisms prevent dangerous door movements
- » Low-energy rotation ensures the safe return of the door to its parked position
- » Total compliance with EN16005 standards

### Technical specifications

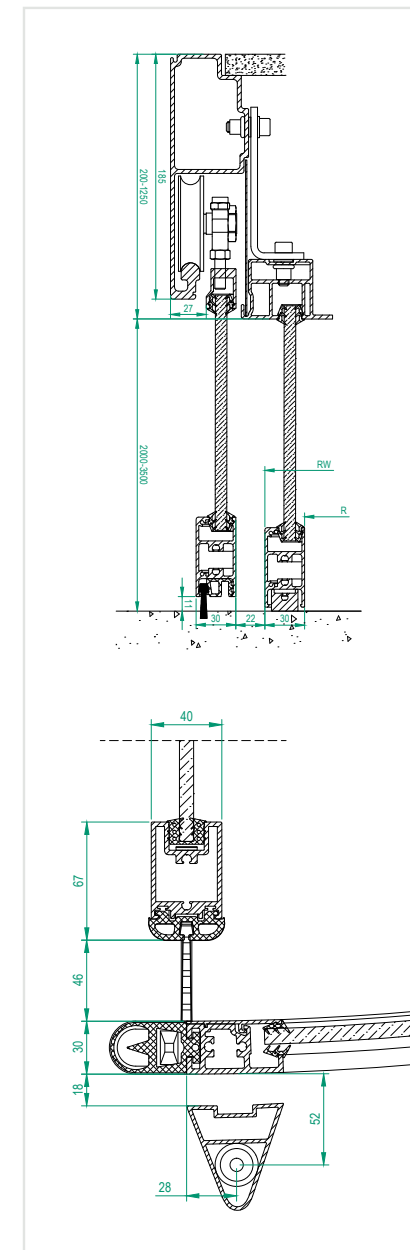
Power supply	100 – 240 VAC+10/-15%, 50/60 Hz, mains fuse max. 10 A (building installation)
Power consumption	300W including LED spot lights max. 30W
Lighting LED 7 W	42 W

### Essential door equipment

Fascia, non-standard height	200 – 1250 mm
Internal height non-standard	2200 – 3000 mm
Automatic drive	
Control unit built-in behind the fascia above the inside entrance	
Outer wall and door sections made from aluminium profiles	
Glass outer wall maximum glass thickness of 18 mm	
Glass rotating part maximum glass thickness of 14 mm	
Ceiling made from aluminium panels	
Dust protection roof made from white laminated panels	
Flush mount emergency stop button	
Independent certification to EN16005:2012	

### Accessories and options

Powder-coated finish (RAL colours), anodized or stainless steel cladding
Night Closing Doors (NCD) internal or external
Burglar resistance class 2 or 3 according to EN1627:2011
Mechanical espagnolette lock on door wing rotating part with or without locked indication
Finished floor installation or installation on stainless steel ground ring
Various finishes for ceiling and dust cover
Various finishes for Water-resistant cover
Lighting LED with control
Insulated fascia
Electric or water heated Air curtain horizontal integrated in the canopy or external vertical side mounted



For more information

Speak to our sales team





**With  
customisable  
dimensions**



## Traffic flow

Pedestrian – Individuals	●
Pedestrian – with luggage	≥2700
Pedestrian – Groups (mm)	≥2700
High Traffic including Trolleys & Wheelchairs	≥3600
Max. capacity per minute per direction	22 – 89

## Dimensions

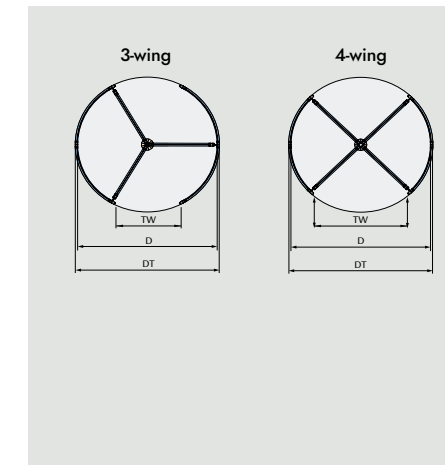
Diameter (increment of 100 mm)	1800–4000
Internal passage height (mm) * depending on configuration	2000–3500
Canopy height (mm)	200–1250

## Safety and Security

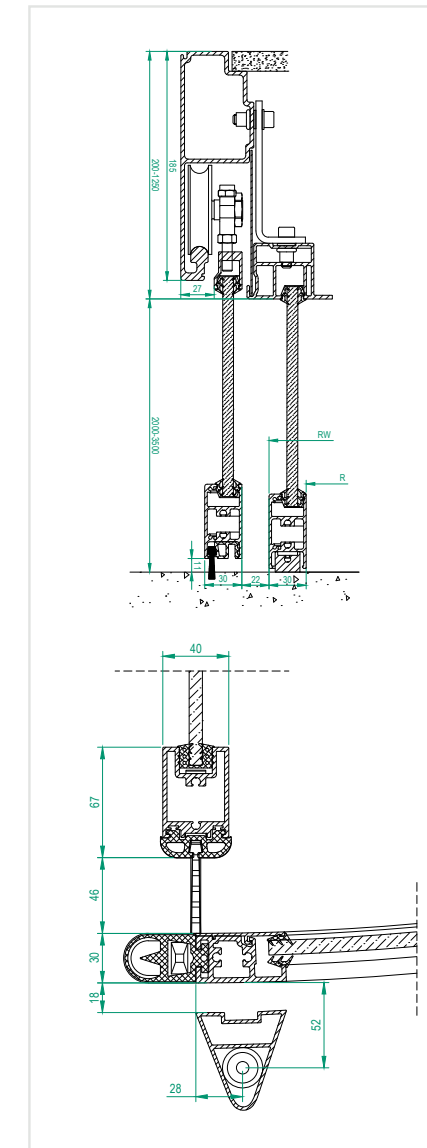
Break-out capability	•
Emergency Escape 3rd Party Certification	•
TUV-Certification	•
EN16005:2012	•
EN1627:2011 Burglary Resistance Class 2 and Class 3	•
Night-Closing Doors (NCD), internal or external	•

## Applications

Suitable for office buildings, banks, retail stores, hotels, luxury boutiques, universities, restaurants, hospitals & transports hubs.



	(mm)	D min.	D max.	Formula
	D (Internal Diameter)	1800	4000	+ 100
	DT (External Diameter)	1896	4096	D + 96
	DT (Internal Night Closing Doors)	1976	4176	D + 184
	DT (External Night Closing Doors)	2024	4224	D + 224
<b>Without and with External NCD</b>				
3-wing	TW true passage width	863	1963	$863 + ((D-1800)/100) * 50$
	FP folded position	752	1852	$752 + ((D-1800)/100) * 50$
4-wing	TW true passage width	1244	2800	$1244 + ((D-1800)/100) * 70,67$
	FPL Folded Position	497	1275	$497 + ((D-1800)/100) * 35,33$
	FPR Folded Position	475	1253	$475 + ((D-1800)/100) * 35,33$
<b>Internal NCD</b>				
3-wing	TW true passage width	834	1934	$834 + ((D-1800)/100) * 50$
	FP folded position	752	1852	$752 + ((D-1800)/100) * 50$
4-wing	TW true passage width	1223	2778	$1223 + ((D-1800)/100) * 70,67$
	FPL Folded Position	497	1275	$497 + ((D-1800)/100) * 35,33$
	FPR Folded Position	475	1253	$475 + ((D-1800)/100) * 35,33$



**Safety and user convenience are our top priority when it comes to this door:**

- » Compressible vertical safety switches on the drum edges
- » Rotating speed controller
- » Touchless sensors are designed to stop door wings if the sensor field is disrupted
- » Compressible safety switches designed to stop door wings if they come in contact with a person or object
- » Emergency break-out system (optional)

## Technical specifications

Power supply	100-240 VAC+10/-15%, 50/60 Hz, mains fuse max. 16 A (building installation)
Power consumption	200 W / 30 W resting
Lighting LED 7 W	42W

### Essential door equipment

Fascia, non-standard height 200 – 1250 mm
Internal height non-standard 2000 – 3500 (depending on configuration)
Automatic drive
Control unit built-in behind the fascia above the inside entrance
Outer wall and door sections made from aluminium profiles
Glass outer wall maximum glass thickness of 18 mm
Glass rotating part maximum glass thickness of 14 mm
Ceiling made from aluminium panels
Dust protection roof made from white laminated panels
Flush mount emergency stop button
Independent certification to EN16005:2012

## Accessories and options

Powder-coated finish (RAL colours), anodized or stainless steel cladding
Night Closing Doors (NCD) internal or external
Burglar resistance class 2 or 3 according to EN1627:2011
Mechanical espagnolette lock on door wing rotating part with or without locked indication
Finished floor installation or installation on stainless steel ground ring
Various finishes for ceiling and dust cover
Various finishes for Water-resistant cover
Electric or water heated Air curtain horizontal integrated in the canopy or external vertical side mounted
IOT-connectivity
Emergency break-out system
Flush mountend disabled push button
Direction sensing radars



For more information



Speak to our sales team





# Aluminium Doors & Frames

Unparalleled performance and convenience in automatic door systems

Record manufactures a wide range of high quality aluminium swing, sliding and bi-folding automated door solutions.

## Applications

Suitable for shopfronts, commercial offices, public and institutional buildings, healthcare facilities, education projects and on emergency escape routes.

## Key benefits

- » Fine frame profiles offer greater visual appeal to customers
- » Commercial door profiles suited to robust, heavy duty environments
- » Allows maximum opening width to be achieved thereby easing traffic flow
- » All systems tested to 1 million cycles for increased peace of mind
- » Bespoke tailored solution to meet your project requirements
- » Designed to meet the requirements of EN 16005 power operated pedestrian doorsets. Safety in use.

Door type	E-STA (one leaf)	D-STA (two leaves)	E-TSA (two leaves)	D-TSA (four leaves)
Opening width	800 – 3 000 mm	800 – 3 000 mm	800 – 3 000 mm	1 200 – 4 000 mm
Clear height of passage	3 000 mm	3 000 mm	3 000 mm	3 000 mm
Max. door leaf weight	1 x 150 kg	2 x 120 kg	2 x 90 kg	4 x 80 kg
DUO / RED model	1 x 150 kg	2 x 150 kg	2 x 120 kg	4 x 90 kg
Reinforced (20-200 / 22)	1 x 200 / 1 x 250 kg	2 x 150 / 2 x 200 kg	2 x 130 / 2 x 170 kg	4 x 90 / 4 x 130 kg
Recommended application	single leaf door automation for tight spaces	for most normal applications	for maximum width of passage in tight spaces	for elegant entrances and generous width of passage

## Specification

### Door leaves

Fabricated from standard 45mm aluminium square-cut components, mechanically jointed using self-tapping screws, supplied complete with top/ bottom door preps, 1 no Adams-Rite high security hook lock, double wool pile to door stiles, mid-rail, flush-pull handles and standard glazing beads.

### Glazing

All glazing carried out in accordance with BS EN 12600. All glass is dry-glazed using a combination of captive and wedge gaskets manufactured in accordance with BS 3734.

### Finish

Aluminium profiles are normally supplied coated using the powder coat method. Powder coat is available in a wide range of standard colours and surface finishes.

Powder coating is to BS6496: 1984.  
Anodising (natural silver) is to BS3987: 1991

## Profile options

### Record commercial sliding door system

This automatic door system is a rugged and resilient solution, perfect for your external entrances. The robust 45 mm aluminium frame profiles are ideal for high-traffic entrances where impact damage is a consideration.

### Record fine frame sliding door Systems

Slim line profiles of 20 mm for 10 mm thick single glazed leaves, or 32 mm thick aluminium profiles for 24 mm thick insulating glass.

These fine frame automatic sliding door systems give an aesthetically pleasing, yet highly functional entrance offering the greatest possible transparency. It reduces both the weight and footprint of door leaves and enhances the appeal of any facility without any loss in quality.



# Automatic and manual swing doors

Record, swing, sliding, automatic and manual aluminium doors are a traditional solution which is tried and tested and will give long, reliable, virtually maintenance free service.

## Profile options

Fabricated from standard 45mm aluminium components, mechanically jointed for added stability and strength. All doors are supplied with finger guards for customer safety and high security locks.

## Product options

- » Single automatic swing aluminium doors
- » Double automatic swing aluminium doors
- » Single swing aluminium doors
- » Double sliding aluminium doors



Automatic swing door

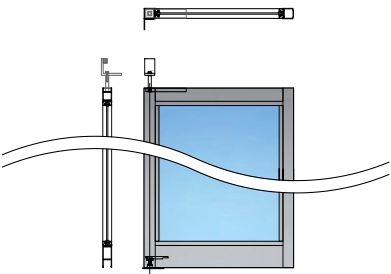


Manual swing door

# Safety pocket doors

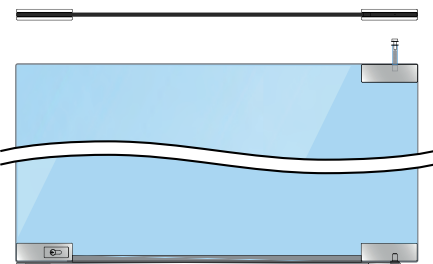
Record safety pocket doors offer the perfect safety solution for automatic sliding doors to protect against any entrapment or collision from pedestrian traffic, ensuring visitors are not at risk entering or exiting the building. These have been designed in compliance with BE EN 16 005.

## Profile options



### Record commercial safety pocket door system

This safety pocket door system is a rugged and resilient solution, using our robust 45 mm aluminium frame profile are perfect for all entrances.



### Record frameless pivoted pocket door system

Full height frameless pocket screens constructed from 10 mm toughened safety glass and patch fittings. This pocket door system gives an aesthetically pleasing entrance and provides the greatest possible transparency.

## Product options

- » Fully framed commercial system
  - Protective pocket door
- » Frameless pivoted patch fitted system
  - Protective pocket door
  - Requires Record STA operator



# Aluminium screenwork

Record aluminium commercial shopfront and screenwork solutions are designed and manufactured to match your specific project requirements.

## Profile options

Record non-thermally insulated aluminium shop-front system. Extruded aluminium is Aluminium Alloy 6063:T6 to BS EN 755 part9: 2001. Manufactured and constructed from standard extruded aluminium profiles 100mm x 45/50mm with glazing to be single-glazed or double-glazing up to 24mm thick.



For more information



Speak to our sales team



Smart seals to prevent air flow and reduce noise



## Record THERMCORD3

Thermally separated sliding door - excellent energy saving & weather resistant properties

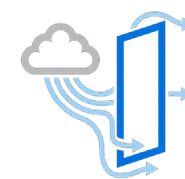
The only product in the world with a complete thermally separated profile from the fascia to the floor rail, the Record THERMCORD3 creates a thermal barrier to prevent airflow & draughts reducing energy bills & air-conditioning costs.

### Applications

Suitable for areas with energy saving requirements such as storefronts, care homes, hospitals, schools, colleges, universities, offices, public buildings, restaurants and leisure facilities.

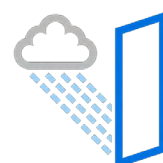
### Key benefits

- » Effective thermal insulation barrier from top to bottom
- » Smart Seals System prevents airflow/ draughts to reduce energy costs
- » Protects from hurricane force winds and driving rain
- » Extraordinary noise reduction up to 35dB
- » Exceptional thermal-efficiency (1.1 W/m2K)
- » Integrates perfectly into your facade - no architectural compromises
- » Bespoke design options to meet aesthetic requirements
- » On-floor rail available for minimal intrusion in the construction process



### Air permeability

Outstanding air permeability to eliminate draughts to provide a constant temperature inside, helping reduce heating and air-conditioning costs.



### Impermeable to driving rain

Certified watertightness to driving rain even at high pressures. Intelligent sealing system protects your entrance area against water damage.



### Resistant to wind load

Re-enforced V-shaped profiles ensure the door movement is largely unaffected by high wind loads, suction or pressure offering protection even in hurricane-force winds.



### Extraordinary noise reduction

Elastic foam in the vertical profile and additional brushes in the intelligent sealing system provide an excellent sound insulation value up to 35dB.

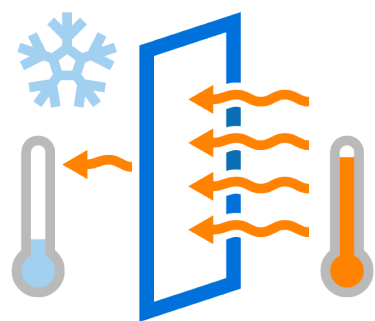
### Key features

- » Outstanding thermal insulating properties
- » Also available with RC2 burglar resistance
- » Complete thermal separation from profile to floor rail combined with triple glazing
- » Door leaves offer enormous rigidity with their structure-reinforcing double V-shape
- » Minimalist appearance creating the impression of a standard sliding door
- » Intelligent and modular design for a compliant building closure

### Product properties tested and certified (ift Rosenheim)

Watertightness	E 600	Outstanding protection even in driving rain
Air permeability	PPD (3/3/600)	Air tight when closed
Sound insulation	RW = 35 dB	Effective noise reduction creates a pleasant indoor climate
Resistance to wind load	1270 Pa	Stay dry even in hurricane-force winds up to 150 km/h
Heat transfer coefficient	UD = 1.1 W/m2K	Achieves full energy efficiency according to EnEV 2016
Building closure	State of the art	Complete seal from the outside preventing moisture and water causing structural damage



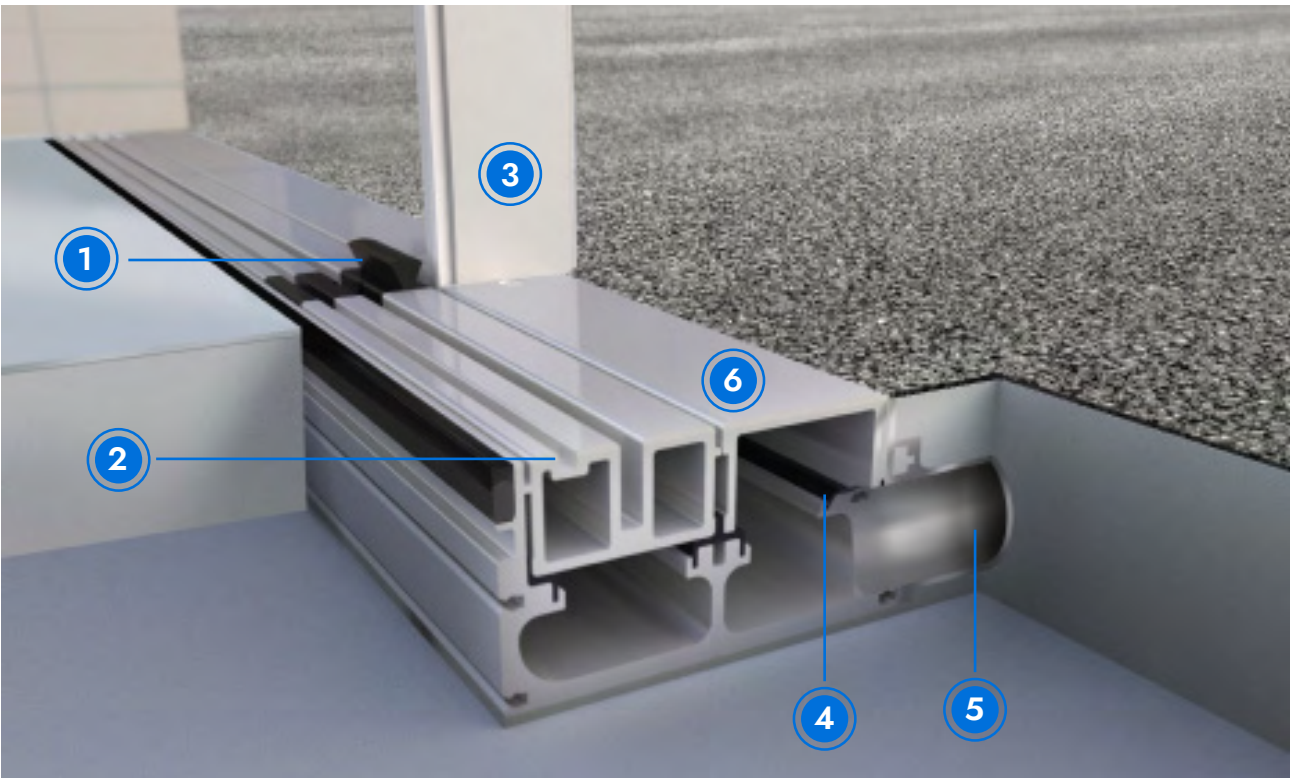


### Smart seal system

Prevent the transfer of heat to maintain an inside ambient temperature, creating a more comfortable environment for guests.

Specifications	Double door	Single door
Drive Dimensions (without side piece)	157 x 150 mm / 167 x 200 mm	157 x 150 mm / 167 x 200 mm
Drive Dimensions (with side piece)	210 x 150 mm / 200 mm	210 x 150 mm / 200 mm
Width of passage (A)	800 – 3 000 mm	800 – 2 500 mm
Support beam length (F)	min. 2 A + 250 mm	min. 2 A + 125 mm
Total height (J)	G + 150 mm or 200 mm	G + 150 mm or 200 mm
Door leaf weight	(Record STA 20) 2 x 120 kg	(Record STA 20) 1 x 150 kg
Door leaf weight DUO	(Record STA 20) 2 x 150 kg	(Record STA 20) 1 x 150 kg
Power Supply Voltage	100 – 240 V AC, 50 / 60 Hz	100 – 240 V AC, 50 / 60 Hz
Rated power	90 W	90 W
Consumption in standby mode	ca. 25 W	ca. 25 W
Ambient temperature	– 15° to + 50° C	– 15° to + 50° C
Standard compliance	EN 16005, DIN 18650, EN 16361	EN 16005, DIN 18650, EN 16361
Floor rail options	<p>On top floor rail (V-type)</p> <p>Integr. infloor rail (U-type &amp; wing profiles for protecting cutting edges)</p> <p>Integr. infloor rail (S-type) with drainage for water tightness</p>	<p>On top floor rail (V-type)</p> <p>Inter. infloor rail (U-type &amp; wing profiles for protecting cutting edges)</p> <p>Integr. infloor rail (S-type) with drainage for water tightness</p>

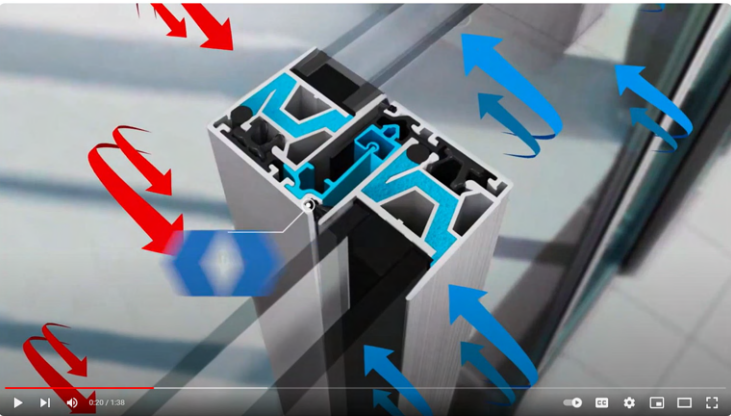
### Technical Details



- 1 Brush
- 2 Guide rail
- 3 Vertical profile
- 4 Floor rail profile with thermal separation in longitudinal axis
- 5 Water drainage (DN40)
- 6 Load on the floor rail: 65kg/cm2



Watch our  
THERMCORD 3 video



record THERMCORD3 Technic Video



For more  
information

Speak to our  
sales team





Protect your  
business from  
break-ins



# Record THERMCORD RC3

Intruder protection with efficient energy-saving properties

This burglar resistant automatic doors offer RC3 rated intruder protection with efficient, energy-saving properties. By creating a seal when the door is closed, they eliminate any permanent outflow of heat and prevent air pollution from entering the building.

## Applications

Suitable for areas with energy saving requirements such as storefronts, care homes, hospitals, schools, colleges, universities, offices, public buildings, restaurants and leisure facilities.

## Key benefits

- » Effective thermal insulation barrier from top to bottom (UD = 1.1 W/m2K)
- » Prevents air-flow and saves money on energy bills while maintaining an ambient temperature
- » Provides a deterrent against intrusions and break-ins
- » Minimalist appearance and modern design of a standard sliding door
- » Bespoke design options to match architectural vision
- » Usable as an escape route during an emergency



## Deterrent against intrusions

V-shaped profiles and P5a glass ensure level a of sturdiness that provides immense resistance to attacks by burglars.



## Energy saving

This sliding door has a number of features which save energy including minimal door frame gaps, low heat conductivity in the door frame and the option of triple glazing for maximum thermal efficiency.



## Protection against harsh weather

A highly rigid frame offers resistance to heavy wind along with magnetically activated seals to ensure heavy rain cannot enter the building.

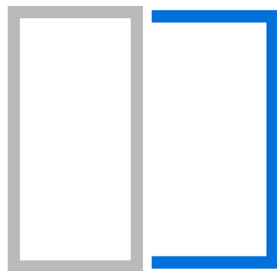
## Key features

- » Highly stable door wing structure with double V shaped profiles
- » Available as a single or double door
- » Powered by our tried and tested System 20 door operator
- » Multi-point locking MPV for protection against unauthorised intrusion
- » Triple glazing available to improve thermal insulation
- » Class P5a break-in resistant safety glass according to EN 356
- » Can be fitted with or without a floor track

## Product properties tested and certified (ift Rosenheim)

Air permeability	PPD (7/5/450)	Air tight when closed
Resistance to wind load	600 pa	Strong resistance against heavy winds
Heat transfer coefficient	UD = 1.6 W/m2K	Achieves strong energy efficiency according to EnEV 2016
Building closure	State of the art	Complete seal from the outside preventing moisture and water causing structural damage
Burglar resistance	RC3	Strong deterrent against intrusions and break-in protection



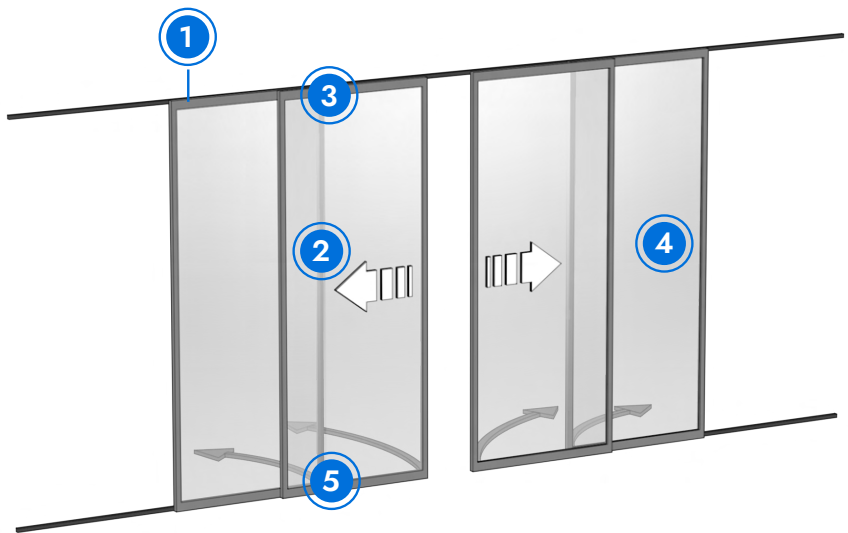


### Built to last

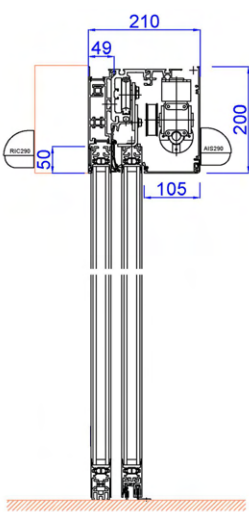
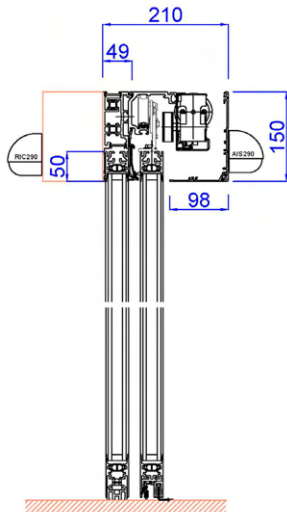
Featuring special constructive measures, stiffeners and reinforced elements, which are integrated into the door system, to provide effective protection against intruders.

Specifications	Double door	Single door
Drive dimensions (without side piece)	157 x 150 mm / 167 x 200 mm	157 x 150 mm / 167 x 200 mm
Drive dimensions (with side piece)	210 x 150 mm / 200 mm	210 x 150 mm / 200 mm
Width of passage (A)	800 – 3 000 mm	800 – 2 500 mm
Support beam length (F)	min. 2 A + 250 mm	min. 2 A + 125 mm
Total height (J)	G + 150 mm or 200 mm	G + 150 mm or 200 mm
Door leaf weight	(Record STA 20) 2 x 120 kg	(Record STA 20) 1 x 150 kg
Door leaf weight DUO/RED	(Record STA 20) 2 x 150 kg	(Record STA 20) 1 x 150 kg
Power supply voltage	100 – 240 V AC, 50 / 60 Hz	100 – 240 V AC, 50 / 60 Hz
Rated power	90 W	90 W
Consumption in standby mode	ca. 25 W	ca. 25 W
Ambient temperature	– 15° to + 50° C	– 15° to + 50° C
Standard compliance	EN 16005, DIN 18650, EN 16361	EN 16005, DIN 18650, EN 16361

In addition to the multi-point locking system the THERMCORD RC3 features an electro-mechanical locking unit and improvised transmission gear



- 1 Panel profile, thermally separated
- 2 Reinforced door leaves and vertical profile for increased security
- 3 Electronic multi-point locking (MPV) as standard for convenient locking at the touch of a button
- 4 Burglar-resistant safety glass of class P5a according to EN 356
- 5 CNS floor rail with continuous centreboard



### Canopy options

- » 150mm & 200mm canopy height options available on
- » Other canopy options are available



For more information

Speak to our sales team





A wider sustainable entrance



# Record THERMCORD Telescope

Thermally Separated Telescopic Door for Wider Openings

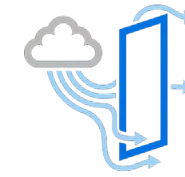
The THERMCORD telescope is the first telescopic sliding door with thermally insulated profiles. By forming a seal when the door is closed, they prevent any continuous heat loss and stop air pollution from entering the building.

## Applications

Suitable for areas with energy saving requirements such as storefronts, care homes, hospitals, schools, colleges, universities, offices, public buildings, restaurants and leisure facilities.

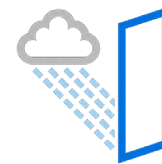
## Key benefits

- » Provides an efficient thermal insulation barrier from top to bottom (UD = 1.6 W/m<sup>2</sup>K)
- » Reduces air flow, lowering energy costs while keeping the room temperature stable
- » Requires 30% less space than a traditional sliding door
- » Two & four leaf telescopic sliding doors can cover wide openings up to 4,000 mm
- » Sleek, minimalist look with a modern design, similar to a standard sliding door
- » Custom design options to align with your architectural vision



## Air permeability

Outstanding air permeability to eliminate draughts to provide a constant temperature inside, helping reduce heating and air-conditioning costs.



## Impermeable to driving rain

Certified watertightness to driving rain even at high pressures. Intelligent sealing system protects your entrance area against water damage.



## Resistant to wind load

Re-enforced V-shaped profiles ensure the door movement is largely unaffected by high wind loads, suction or pressure offering protection even in hurricane-force winds.



## Extraordinary noise reduction

Elastic foam in the vertical profile and additional brushes in the intelligent sealing system provide an excellent sound insulation value up to 35dB.

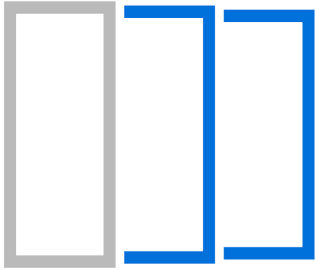
## Key features

- » Outstanding thermal insulating properties
- » Also available with RC2 burglar resistance
- » Complete thermal separation from profile to floor rail combined with triple glazing
- » Door leaves offer enormous rigidity with their structure-reinforcing double V-shape
- » Minimalist appearance creating the impression of a standard sliding door
- » Intelligent and modular design for a compliant building closure

## Product properties tested and certified (ift Rosenheim)

Air permeability	PPD (7/5/450)	Air tight when closed
Resistance to wind load	600 pa	Strong resistance against heavy winds
Heat transfer coefficient	UD = 1.6 W/m <sup>2</sup> K	Achieves strong energy efficiency according to EnEV 2016
Building closure	State of the art	Complete seal from the outside preventing moisture and water causing structural damage
Burglar resistance	RC3	Strong deterrent against intrusions and break-in protection

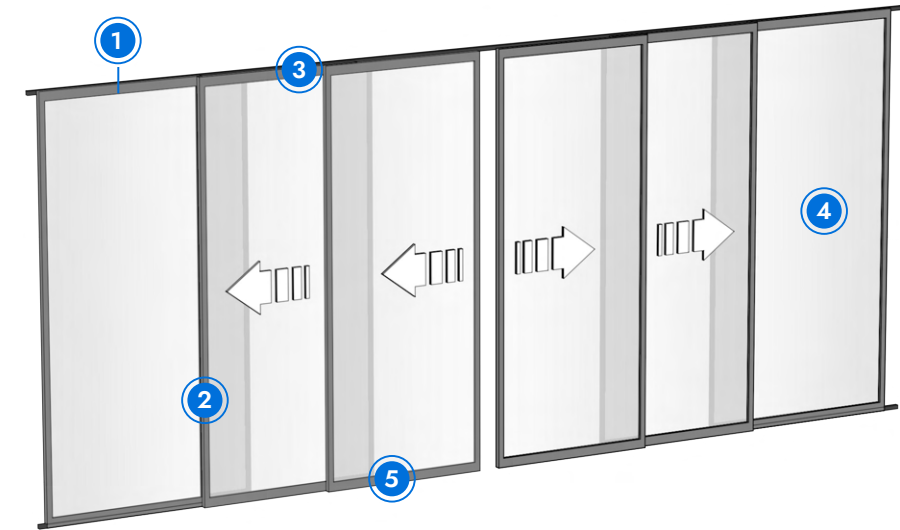




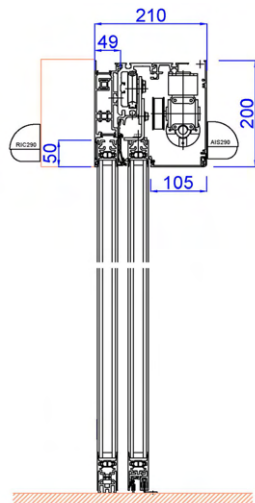
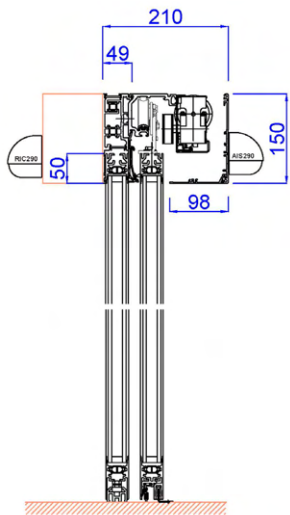
### Sustainability without compromise

The THERMCORD Telescope offers a wider entrance without losing any of the usual benefits of our energy saving doors range.

Specifications	Double door	Single door
Drive Dimensions (without side piece)	157 x 150 mm / 167 x 200 mm	157 x 150 mm / 167 x 200 mm
Drive Dimensions (with side piece)	210 x 150 mm / 200 mm	210 x 150 mm / 200 mm
Width of passage (A)	1500 – 4000 mm	1000 – 3000 mm
Support beam length (F)	min. 2 A + 250 mm	min. 2 A + 125 mm
Total height (J)	G + 150 mm or 200 mm	G + 150 mm or 200 mm
Door leaf weight	(Record STA 20) 4 x 80 kg	(Record STA 20) 2 x 90 kg
Door leaf weight DUO	(Record STA 20) 4 x 90 kg	(Record STA 20) 2 x 120 kg
Power Supply Voltage	100 – 240 V AC, 50 / 60 Hz	100 – 240 V AC, 50 / 60 Hz
Rated power	90 W	90 W
Consumption in standby mode	ca. 25 W	ca. 25 W
Ambient temperature	– 15° to + 50° C	– 15° to + 50° C
Standard compliance	EN 16005, DIN 18650, EN 16361	EN 16005, DIN 18650, EN 16361
Floor rail options	On top floor rail (V-type)  Integr. infloor rail (U-type & wing profiles for protecting cutting edges)  Integr. infloor rail (S-type) with drainage for water tightness	On top floor rail (V-type)  Inter. infloor rail (U-type & wing profiles for protecting cutting edges)  Integr. infloor rail (S-type) with drainage for water tightness



- 1 Panel profile, thermally separated
- 2 Reinforced door leaves and vertical profile for increased security
- 3 Electronic multi-point locking (MPV) as standard for convenient locking at the touch of a button
- 4 Burglar-resistant safety glass of class P5a according to EN 356
- 5 CNS floor rail with continuous centreboard



### Canopy options

- » 150mm & 200mm canopy height options available on
- » Other canopy options are available



For more information

Speak to our sales team





For the highest  
hygiene  
standards  
possible



## Record CLEAN K1-A

Hermetic sealing sliding door - prevent the spread of germs & bacteria

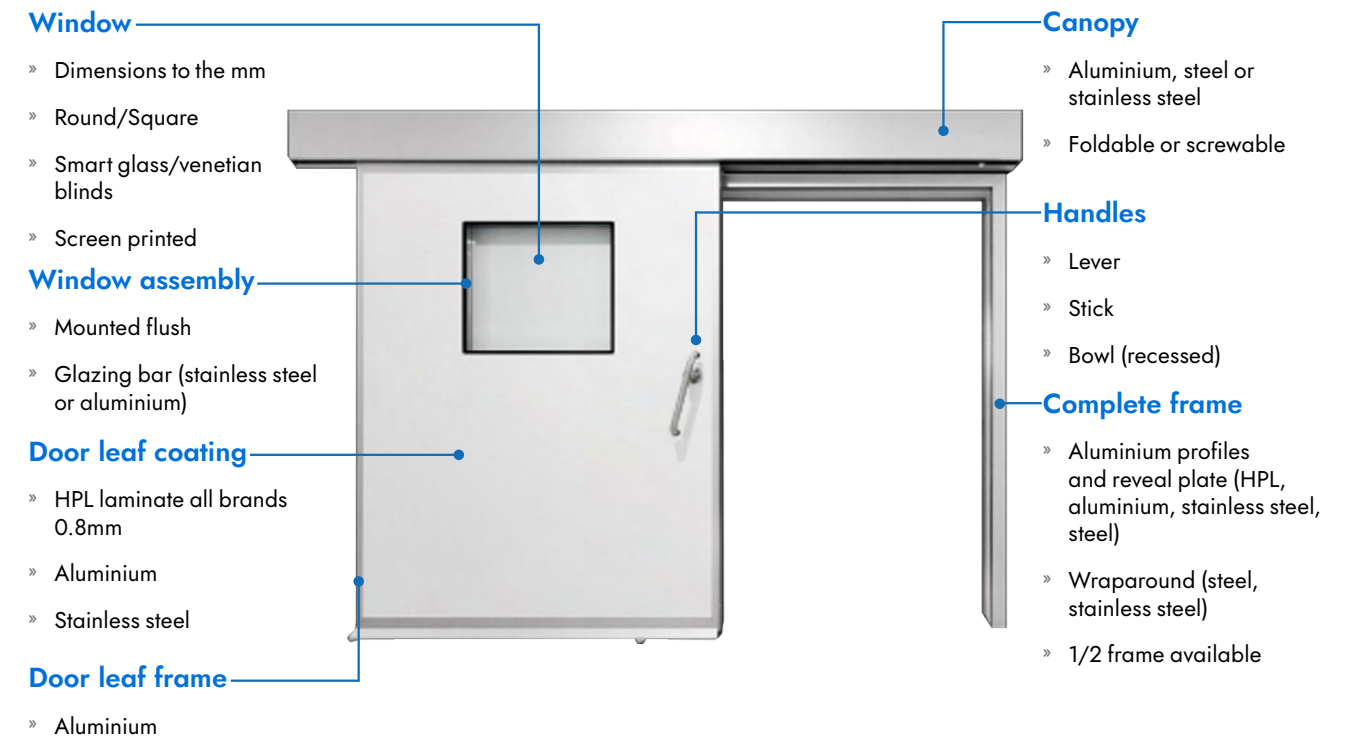
This airtight single leaf sliding door ensures the highest level of hygiene by preventing the transmission of bacteria or particles via restricting airflow, while being easy to clean, therefore creating a safe environment.

### Applications

Especially suitable for cleanrooms, hospitals, clinics, research laboratories, pharmacies, quarantine zones and operating theatres.

### Key benefits

- » Hermetic sealing levels up to 100 Pa to give the highest protection possible
- » Exceptional noise reduction for a quieter environment
- » Durable and easy to clean surfaces to prevent the spread of bacteria
- » Doors can be adapted to meet additional requirements
- » Panels can be customised with individual designs
- » Offers additional protection against radiation, smoke and fire







Safety for patients

Our hermetic sliding doors create a safer environment for hospital guests minimising the spread of disease.

Key features

- » Radiation protection core
- » Smoke and fire protection core
- » Available as a manual door
- » Flush glazing in line with requirements
- » Handles on both sides (stainless V2A)
- » Recessed handles to allow panels to slide parallel
- » Panels can be finishes in plastic or design of your choice
- » Glass inserts for natural lighting

Create quieter environments

The noise dampening leaf cores of the K1-A ensure for a pleasant environment for hospital patients or in surgical theatre.

Long lasting & hygienic

Doors can be finished in a high pressure laminate which is durable & easy to clean for hospital or laboratory staff.

Bespoke design

Doors can be printed with customised graphics to create a friendlier environment in areas such as children’s wards.

Protective door cores

Protection against X-rays and gamma rays can be provided with the addition of a full-surface lead insert in the door leaf.

Specifications

Clearance width	625 - 3000mm
Free passage	up to 3000mm
Motorisation	Record STM 20 or KOS AE2
User safety	EN 16005, DIN 18650
Airtightness	Class D EN 12207:2017 Class 4 UNE 85170:2016
Resistance against wind load	Class PPD2
Fire protection	DIN 4102-5 & EN 1634-1
Smoke protection	DIN 18095-2
Sound insulation	34dB/37dB/39dB
Radiation protection	Pb 0.5mm to Pb 5.0mm (beyond that, bunker door available on request)
Wet room	Inorganic door leaf core
Glazing	Available with 8mm monolithic glass or 40mm safety glass
Available materials	<div><div>Al Aluminium anodized 60/601</div><div>304 Stainless Steel AISI 304, grit 240</div><div>St Steel primed &amp; galvanized</div></div>



For more information

Speak to our sales team





## Security Entrance Control

We understand that many businesses and buildings can only operate when a high level of security is present at all times. We have a number of solutions to ensure safety for visitors.

Our speed gates and turnstiles allow customers to be validated by scanning a ticket or QR code, removing the need for staff to manage visitors.

For higher security requirements we have revolving doors and man-trap portals designed to prevent piggybacking and tailgating.

For airports, where security is the number one priority, we have one-way exit lanes, to ensure passengers are managed safely and correctly.







# Record Impression Speed Gate

Ensure secure access even in high traffic areas

Impress your visitors with flexible, elegant and sophisticated speed gates that not only look the part but feature a number of security features to authorise visitors as well as a modular design ensuring it can be installed in almost any entrance.

## Applications

Especially suitable for transport hubs, office buildings, airports, stadiums or any premises that requires visitors to be authorised.

## Key benefits

- » Ensures only those with authorised access can enter a premises
- » Removes the burden of pedestrian management from staff
- » Wide range of colour to not only complement but enhance architectural design
- » Modern design ensures these speed gates will complement their surroundings
- » Provides easy access for the elderly and those who struggle with mobility
- » Seamlessly integrates into existing security systems
- » Available in a number of dimensions and passage widths to suit individual needs

### Open



### Centre glass



### Boxed



## Enhanced security

Features a high number of sensors specifically designed for the detection of unauthorized users, jump-overs and tailgate attempts.

## Safety for users

The Impression Speed Gate is fully compliant with all UK standards, guaranteeing the highest level of safety for users and building personnel.

## Customisable design

Both elegant and futuristic in style this speed gate will never look out of place with many design options including materials, cabinet design and a wide range of colours.

## Comfortable access for all

The Impression offers a solution that is accessible and easy to use for all - no matter their age or physical abilities, with options for a wider passageway, and LED lights to guide users.

## Bespoke design & colour options

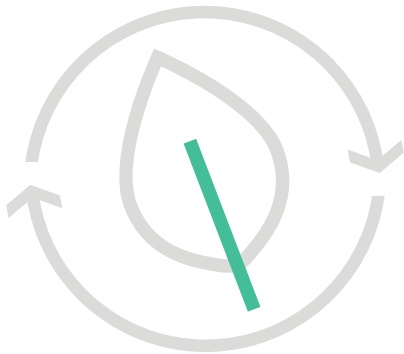
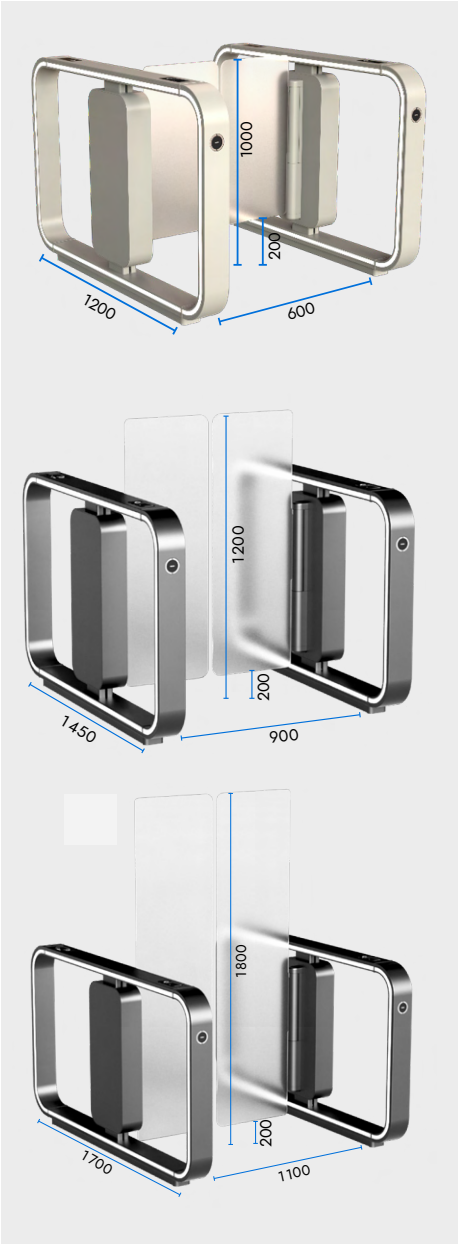
The flexible constructs and attentive detailing of the Impression creates new possibilities to impress: with its modular design ensuring that it can be installed as a single or multi-lane array.

The Record Impression Speed Gate is available in all RAL colours; ensuring you find the one that best suits your environment. Choose your perfect shade, or even combine several colours to create a unique brand experience for your visitors.





Standard dimensions



Sustainable by nature

The Impression Speed Gate switches into sleep mode when people flow has stopped for a short time. Minimal energy consumption – maximum sustainability for your environment.

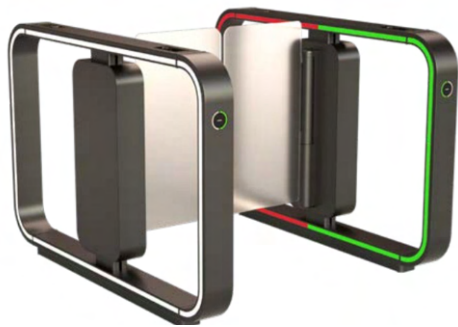
Key features

- » LED bands for intuitive user guidance
- » Three cabinet design options (open, boxed or centre glass)
- » Pick and choose colours to match your environment
- » Quick and easy integration of access control system technologies and biometrics
- » Safe and secure operation with advanced sensor technology
- » Energy efficient and sustainable performance
- » Accessible for wheelchair users and people with push chairs

Technical specifications

Power supply	110/240 VAC, 50/60 Hz
Auxiliary voltage	24 VDC
Operating temperature	+0°C to +55°C
Passageway width	600, 900, 1100 mm
Wing heights	1000, 1200, 1800 mm
Cabinet lengths	800/1200/1450/1700 mm
Cabinet weight	55 - 75 kg
Cabinet height	1000 mm
Cabinet width	120 mm
Capacity	30 - 40/min
Minimum opening/closing time	0.7 sec (depending on passageway width)
MCBF	10,000,000 mean cycles (with recommended maintenance)
Noise level	55 dB at 1m distance
IP protection	IP41 (conforming with EU standards)
Surface Treatment (Outer)	Standard or textured RAL
Surface treatment (Inner)	Standard or textured RAL, high quality wood effect aluminium inlay (not applicable to boxed version)
Wing material	10 mm tempered glass

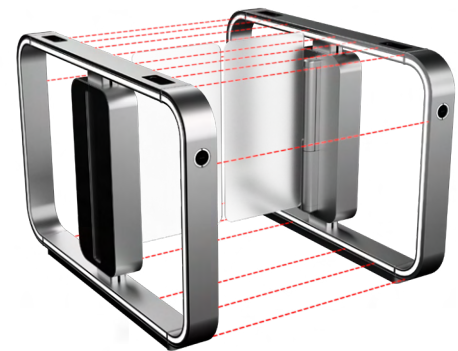
Ambient LED light bands



LED pictogram



Safety and security sensors



Card reader integration



Facial recognition - powered by HID  
seamless integration of biometrics



For more information

Speak to our sales team





Security  
without  
compromise



# Record Vision Edge Speed Gate

Secure performance in a smaller footprint

A security access system enabling which prevents unauthorised access while handling a fast and steady flow of people, with a slimmer profile and smaller footprint for a more aesthetic design.

## Applications

Especially suitable for transport hubs, office buildings, airports, stadiums or any premises that requires visitors to be authorised.

## Key benefits

- » Minimal footprint does not impede on architectural design
- » Automates checking visitors credentials removing the burden from staff
- » Wide range of dimensions available to suit your needs
- » Modern and sleek design to enhance the aesthetics of any building
- » Easy access for the elderly or those who struggle with mobility
- » Compatible with existing security systems for a hassle free installation

## Barrier wing height



## Security

With up to 72 sensors, an advanced detection system and sensors algorithm this speed gate tracks the passage of authorised users while controlling unauthorised and fraudulent attempts at the same time.

## Emergency & power cut

In case of an emergency alarm gate leaves can be set to become unlocked and move freely, or remain open in a specified direction for the alarm duration.

## Access control integration

Vision Edge can be controlled by any kind of access control system through dry contact or COM parts. Optional cutouts are available for reader holders or stands as well as standard or custom designed posts for access controller integration.

## Control a high flow rate

This speed gate provides excellent security while being able to control a high flow rate. Illuminated pictograms give clear directional



## Reliability & long life cycle

Basic and reliable mechanical systems with advanced electronics allows for maximum stability and requires less maintenance over the product lifecycle



Key features

- » Illuminated pictograms for intuitive user guidance
- » Quick and easy integration of access control system technologies and biometrics
- » Advanced sensor technology for increased safety
- » Energy efficient and sustainable performance
- » Accessible for wheelchair users and people with push chairs
- » Intrusion alarm sounds in case of unauthorised entry

Technical specifications

Cabinet material	Stainless steel brushed AISI 304 Stainless steel brushed AISI 316 Mild steel powder coated (RAL)
Wing material	10mm tempered glass
Cabinet weight	130 kg/ 170 kg
IP rating	IP 44
Cabinet length	1750 mm
Cabinet height	1024 mm
Cabinet width	110 mm (without rotor)
Wing height	960 - 1800 mm
Passage width	500 - 1200 mm
Capacity	40/min
Internal RFID Dimensions	L = 140 mm x W= 69 mm x D = 40 mm
Available inputs	Card reader for entry and exit, fire alarm, external control panel
Power supply	110/240 VAC, 50/60 Hz
Energy consumption	75W/50W
MCBF	10,000,000 (with recommended maintenance)
MTTR	< 30 min.
Operating temperature	+0°C to +70°C

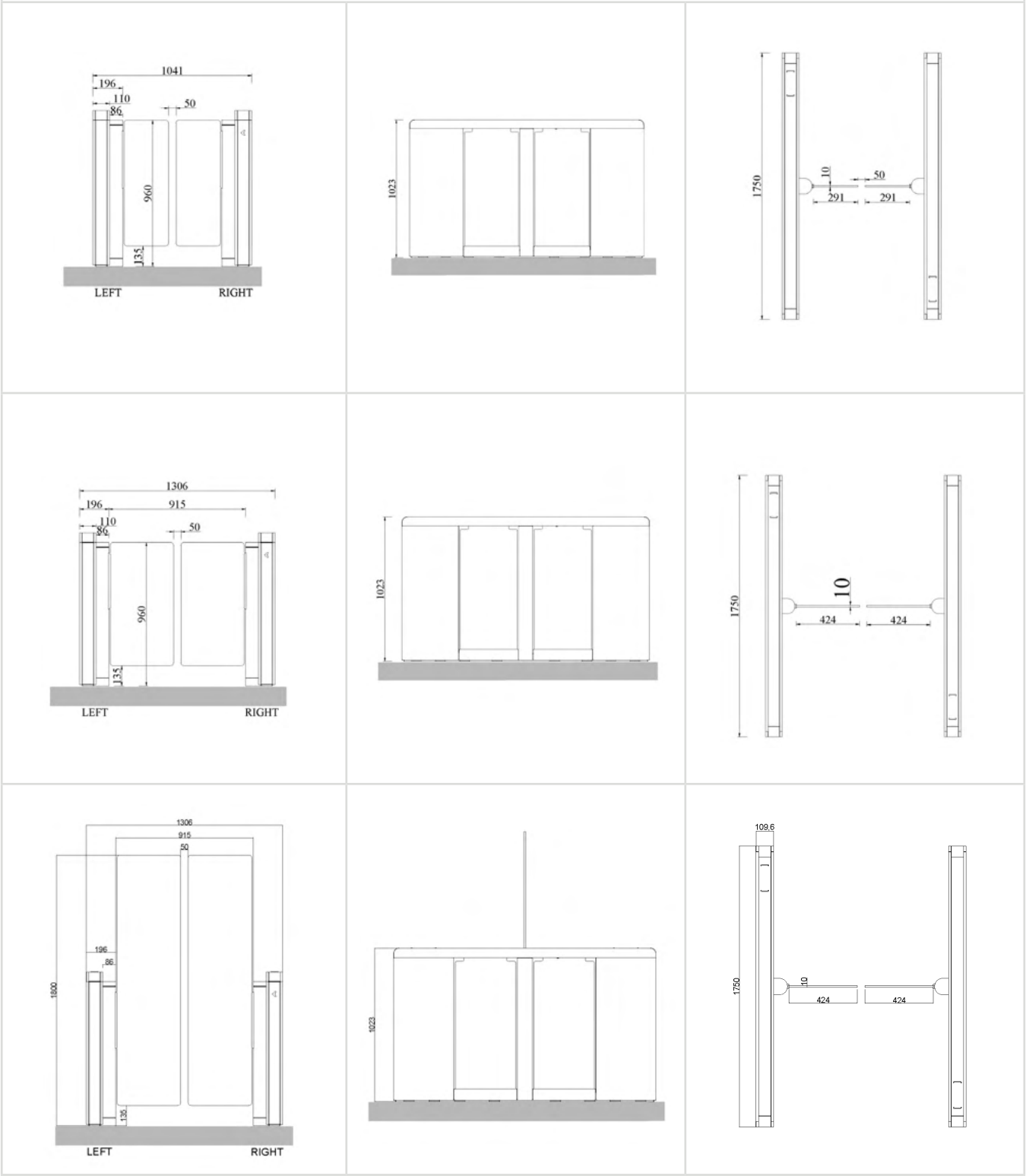
Security levels

1. Audible alarm only without blocking the lane
2. Wings close immediately and block the lane\* without an audible alarm
3. Wings close immediately and block the lane\* + audible alarm sounds

\* If the lane is blocked during the wrong way and tailgating attempt, there is a danger of the wings hitting the unauthorized person.



Dimensions



For more  
information

Speak to our  
sales team





Elegant and compact design



# Record Vision Touch Speed Gate

Sophisticated detection methods for maximum security

A reliable and sophisticated entrance control solution which creates a fluid barrier, enabling a fast and steady flow of people without compromising security.

## Applications

Especially suitable for transport hubs, office buildings, airports, stadiums or any premises that requires visitors to be authorised.

## Key benefits

- » User-friendly and ergonomic design for ease of use
- » Reliable and robust construction for a long life-span with minimal service required
- » Easy access for the elderly or those who struggle with mobility
- » Compatibility with existing security systems means a hassle free installation
- » Modern appearance to complement any architectural design
- » Automates checking visitors credentials removing the burden from staff

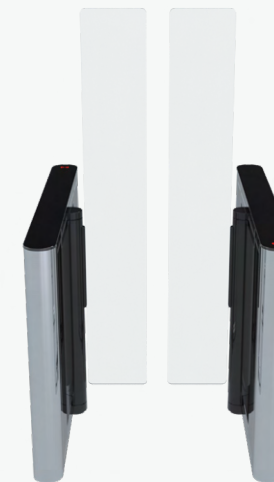
## Barrier wing height



960 mm



1200 mm



1800 mm

## Customisable security

Available in various finishes and dimensions, such as 1.2m or 1.8m height, to suit individual needs and maintain the aesthetics of the surroundings.

## Emergency & power cut

In case of an emergency alarm gate leaves can be set to become unlocked and move freely, or remain open in a specified direction for the alarm duration.

## Access control integration

Vision Touch can be controlled by any kind of access control system through dry contact or COM parts. Optional cutouts are available for reader holders or stands as well as standard or custom designed posts for access controller integration.



Key features

- » Illuminated pictograms for intuitive user guidance
- » Quick and easy integration of access control system technologies and biometrics
- » Advanced sensor technology for increased safety
- » Energy efficient and sustainable performance
- » Accessible for wheelchair users and people with push chairs
- » Intrusion alarm sounds in case of unauthorised entry
- » Various wing heights available to suit your needs

Technical specifications

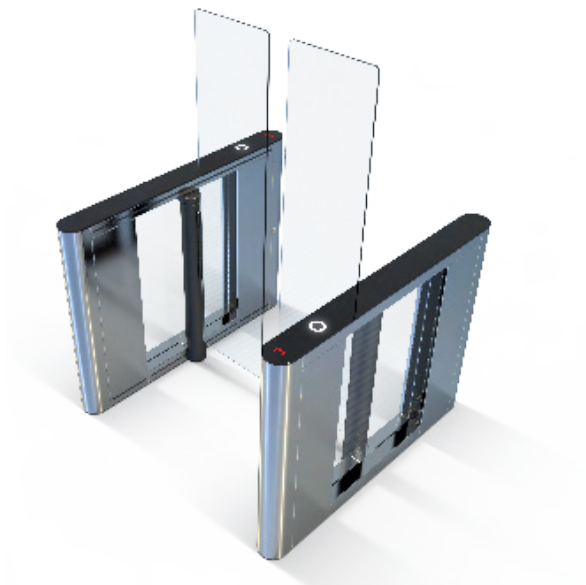
Cabinet material	Stainless steel brushed AISI 304 Stainless steel brushed AISI 316 Mild steel powder coated (RAL)
Wing material	10mm tempered glass
Cabinet weight	115 kg/ 155 kg
IP rating	IP 44
Cabinet length	1319 mm
Cabinet height	1000 mm
Cabinet width	132 mm (without rotor)
Wing height	960 - 1800 mm
Passage width	500 - 1000 mm
Capacity	40/min
Internal RFID Dimensions	L = 140 mm x W= 69 mm x D = 40 mm
Available inputs	Card reader for entry and exit, fire alarm, external control panel
Power supply	110/240 VAC, 50/60 Hz
Energy consumption	75W/50W
MCBF	10,000,000 (with recommended maintenance)
MTTR	< 30 min.
Operating temperature	+0°C to +70°C

LED indicators

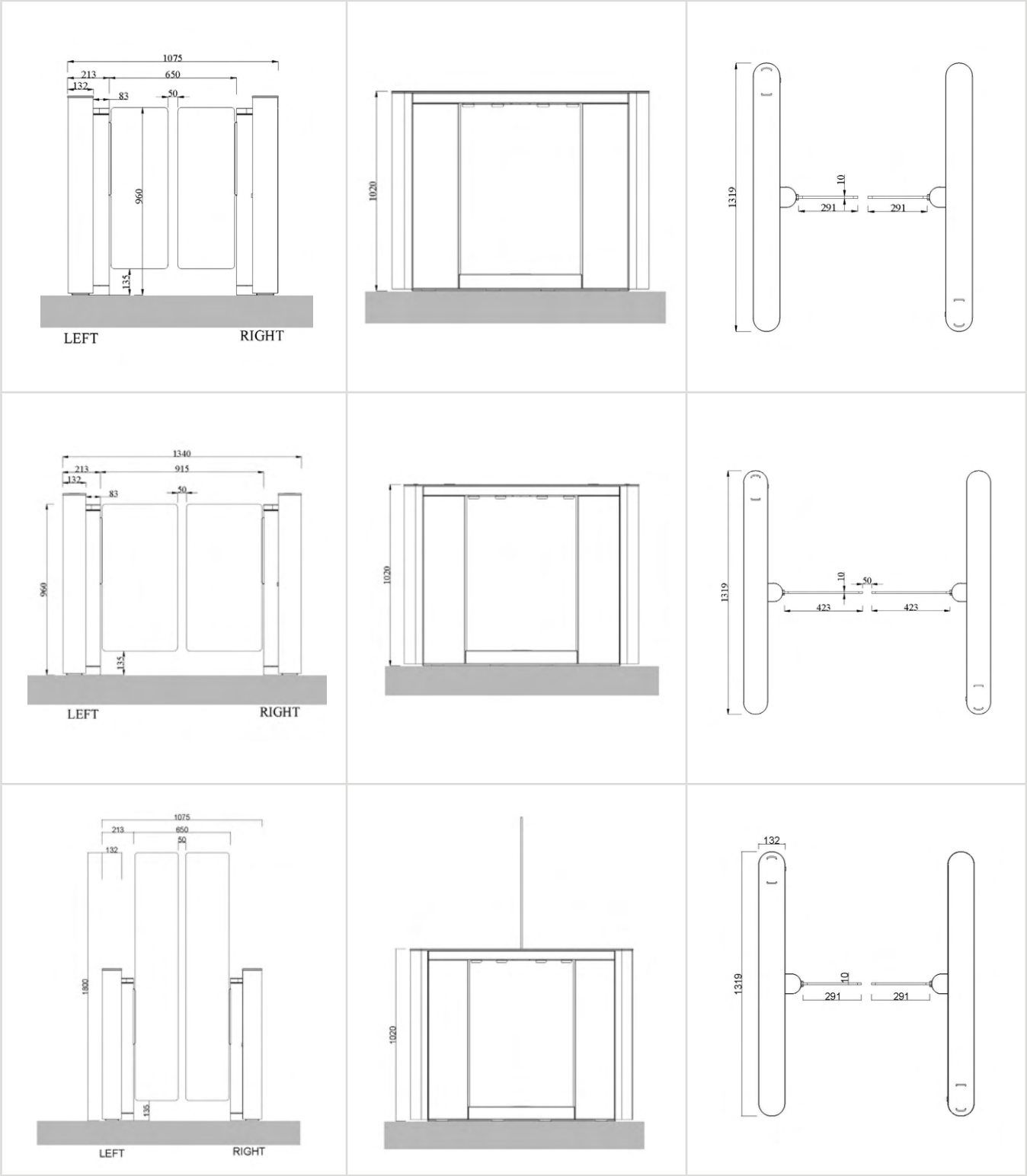
Blue	Waiting mode
Green	Passage confirmed
Red	No passage

Settings

Operation mode for each direction	Controlled, free, locked
Audible notifications	On/off
Release time	5, 10, 15, 25 secs
Emergency connection	On/off



Dimensions



For more  
information

Speak to our  
sales team





Prevent jump  
over attempts



# Record Century 300/305 Speed Gate

Full height speed gate for increased security

An eloquent and sophisticated security solution with an increased gate height to act as a strong deterrent against intrusions. These speed gates offer a robust design which promises a long life span and minimal service.

### Applications

Especially suitable for transport hubs, office buildings, airports, stadiums or any premises that requires visitors to be authorised.

### Key benefits

- » User-friendly and ergonomic design for ease of use
- » Reliable and robust construction for a long life-span with minimal service required
- » Easy access for the elderly or those who struggle with mobility
- » Compatibility with existing security systems means a hassle free installation
- » Modern appearance to complement any architectural design
- » Automates checking visitors credentials removing the burden from staff

### Key features

- » Fast opening barriers made from 10 mm tempered glass
- » Galvanised coated steel frame and stainless steel housing panels
- » Illuminated indication pictograms
- » DC motor driven
- » Quick and easy integration of access control system technologies and biometrics
- » Advanced sensor technology for increased safety
- » Energy efficient and sustainable performance
- » Accessible for wheelchair users and people with push chairs

### Access control integration

- » Can be controlled by an access control system through dry contact or COM ports
- » Adjustable card reader & scanner installation area allow easy fitting
- » Surface mounted readers, reader holders or stands available
- » RFID icon to indicate card reader position clearly to users
- » Additional indicator with a red & green light to indicate when the gate is locked/unlocked

### LED indicators

Blue	Waiting mode
Green	Passage confirmed
Red	No passage

### Settings

Operation mode for each direction	Controlled, free, locked
Audible notifications	On/off
Release time	5, 10, 15, 25 secs
Emergency connection	On/off



Emergency exit

In an emergency, the gate opens the barrier wings (fail-safe). During a power failure, the mechanism remains locked. An optional battery unit allows operation during outages. The gate automatically resets when the emergency alarm stops, or power is restored.

Security level

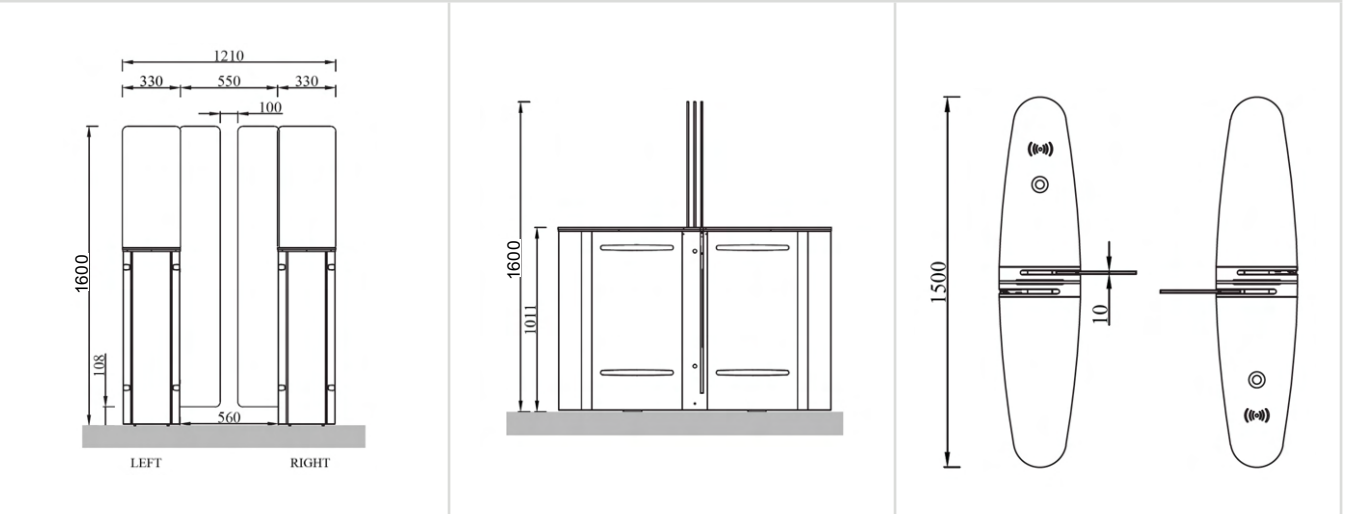
- 1. Audible alarm only without blocking the lane
- 2. Wings close immediately and block the lane\* without an audible alarm
- 3. Wings close immediately and block the lane\* and an audible alarm sounds

\* If the lane is blocked during the wrong way and tailgating attempt, there is a danger of the wings hitting the unauthorised person.

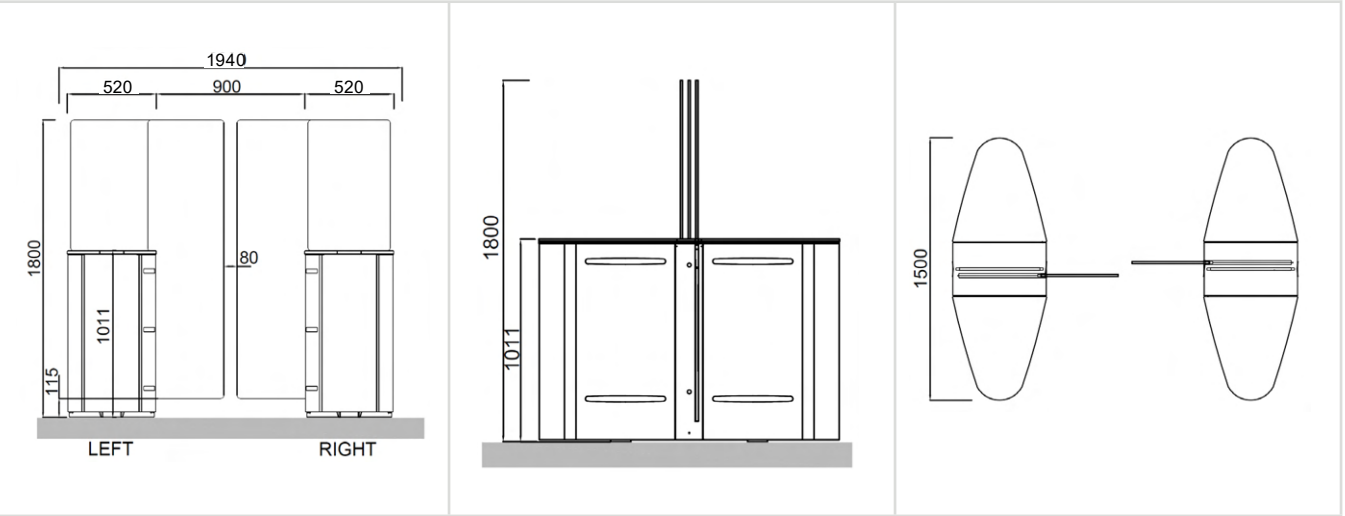
Technical specifications

Cabinet material	Stainless steel brushed AISI 304 Stainless steel brushed AISI 316 Mild steel powder coated (RAL)
Wing material	10mm tempered glass
Cabinet weight	138 kg/ 155 kg
IP rating	IP 34
Cabinet length	1500 mm
Cabinet height	1011 mm
Cabinet width	330 mm / 520 mm (DDA)
Wing height	1800 mm (1200 - 1600 mm customised)
Passage width	550 mm, 900 mm (DDA)
Capacity	40/min
Internal RFID Dimensions	L = 150 mm x W= 190 mm x D = 60 mm
Available inputs	Card reader for entry and exit, fire alarm, external control panel
Power supply	110/240 VAC, 50/60 Hz
Energy consumption	120W/10W
MCBF	8,000,000 (with recommended maintenance)
MTTR	< 30 min.
Operating temperature	+0°C to +70°C

Dimensions (Century 300)



Dimensions (Century 305)



For more information

Speak to our sales team





# Record Maxima Turnstiles

Control heavy pedestrian traffic in public areas

Record Full Height Security Turnstiles ensure secure access to safeguarded indoor and outdoor areas, preventing unauthorised access by controlling pedestrian flow and creating a safe environment for visitors.

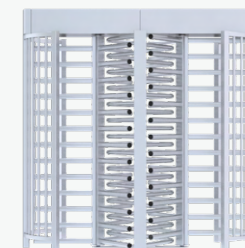
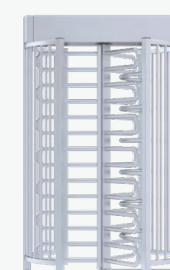
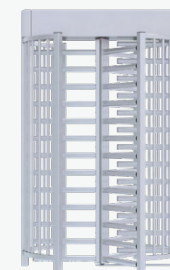
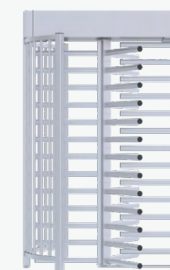
## Applications

Especially suitable for public venues such as stadiums, zoos, theme parks tourist hubs or anywhere that requires secure access.

## Key benefits

- » Sturdy stainless steel construction for a longer life-span
- » Weather resistant for use in outdoor settings
- » Automates checking visitors credentials removing the burden from staff
- » Prevents intrusions such as tailgating and wrong way exits
- » Available in a variety of finishes for a desired aesthetic appearance
- » Modern design complements any architectural surroundings

## Available configurations



## Functions & interface

Logic-controlled interface with bi-directional operation. Entrance and exit directions can be individually set as controlled, locked, or free before or after the installation.

## Emergency & power cut

In the event of an emergency or power cut, the mechanism unlocks the rotor, and the rotor rotates freely in both directions.

Fail-safe the turnstile resets itself automatically when the emergency alarm stops or the power is switched back on.

## LED indicators

LED lights indicate the operating status of the turnstile in both directions.

	Option 1	Option 2
Green	Standby or locked	Released or free passage
Red	Released or free passage	Standby or locked

## Settings

Operation modes	Controlled, free, locked
Acoustic notifications	On/off
Release time out	5, 10, 15, 20 secs
Consecutive passage	On/off
Emergency connection	On/off



Key features



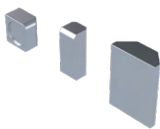


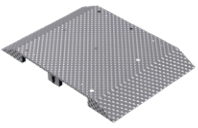
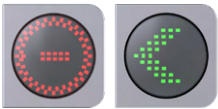
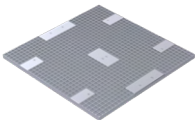

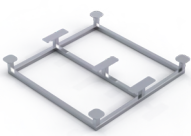

- » Portal & housing made of steel
- » Three-part rotor blade with spars, 120° division.
- » Limitation of passage with steel filler rods
- » Unidirectional or bidirectional operation
- » Lockable maintenance lid with top and side opening for easy access
- » Additional motorised or manually operated full height swing door available



Technical specifications

Construction	Steel
Passage width	600 - 670 mm (depending on model)
Weight	200 - 690 kg (depending on model)
Cabinet length	1441 - 2428 mm (depending on model)
Cabinet height	2370 mm
Cabinet width	1220 mm - 1372 mm (depending on model)
Power supply	100 - 240 VAC, 50/60 Hz
Logic voltage	24V DC
Operation temperature	-20 ° / +70 °
IP Protection	Cabinet IP54 / Logic Controller IP65
MCBF	10,000,000
Capacity	20/min
Available inputs	Card reader for entry and exit, fire alarm, external control panel
Materials	Galvanised Galvanises & powder coated AISI 304 stainless steel AISI 316 stainless steel Stainless steel rotor & powder coated frame
Power supply	110/240 VAC, 50/60 Hz
Energy consumption	7W/12W/14W/24W
MCBF	10,000,000
MTTR	< 30 min.



A-1		Access Controller mounting plate	E		Tempered glass side panels
A-2		Access Controller Box 100 x 100 mm with 60 mm depth 60 x 160 mm with 60 mm depth 150 x 200 mm with 60 mm depth	A-1		Extreme weather heater for - 40°
B		LED Ceiling lights			Mounting plate (suitable for forklift transport)
C		LED Indicators			Mounting base plate with grid
D-1		Aluminum Roof			Mounting frame for pre-installation into concrete
D-2		Polycarbonate Canopy			



For more  
information

Speak to our  
sales team





# Record Durapod Tripod Turnstiles

## Robust & secure pedestrian control

Compact and cost-effective, these turnstiles are designed with a smooth and silent operation and can be customised to suit the surrounding environment, while preventing unauthorised access to secure areas.

### Applications

Especially suitable for areas such as government buildings, telecommunications, education, retail, banking and leisure.

### Key benefits

- » Sturdy stainless steel construction for a longer life-span
- » Weather resistant for use in outdoor settings
- » Automates checking visitors credentials removing the burden from staff
- » Prevents intrusions such as tailgating and wrong way exits
- » Available in a variety of finishes for a desired aesthetic appearance
- » Modern design complements any architectural surroundings

### Key features

- » Portal & housing made of steel
- » Three-part rotor blade with spars, 120° division.
- » Limitation of passage with steel filler rods
- » Unidirectional or bidirectional operation
- » Lockable maintenance lid with top and side opening for easy access
- » Additional motorised or manually operated full height swing door available

### Housing material options

- » AISI 304 Stainless steel (Standard)
- » AISI 316 Stainless steel
- » Powder coated steel in RAL colors

### Drive mechanism options

Electromechanical / Hand operated
Electromechanical / Hand operated with drop arm
Motor-driven with drop arm

### In standard electromechanical mechanism

- » A self-centering mechanism to ensure complete rotation of the mechanism to the home position.
- » A hydraulic damper to ensure smooth operation.
- » Anti-backup device to prevent reverse rotation once the mechanism has moved 30 degrees from the home position.
- » Fail-safe operation as standard.

### Technical specifications

Construction	Steel
Passage width	530 - 560 mm
Arm length	480 mm
Cabinet width	250 mm
Cabinet length	1050 - 1200 mm
Cabinet height	1000mm
Wing height	804 mm
Weight	49 - 53 kg
Power supply	100 - 240 VAC, 50/60 Hz
Standby power consumption	3.8 W
Operation temperature	-10 ° / +70 °
IP Protection	Cabinet IP54
MCBF	10,000,000
MTTR	< 30 min.

### Settings

Operation modes	Controlled, free, locked
Acoustic notifications	On/off
Release time out	5, 10, 15, 20 secs
Consecutive passage	On/off
Emergency connection	On/off



For more  
information

Speak to our  
sales team





# Record SGW220 Pass Gate

Robust & secure pedestrian control

A motorised entrance gate for internal use to allowing access control and giving customer guidance in retail outlets and public areas.

### Applications

Especially suitable for areas such as government buildings, telecommunications, education, retail, banking and leisure.

### Key benefits

- » Compact and cost-effective design
- » Smooth and silent in operation
- » Can be customised to match surrounding aesthetics
- » Suitable for areas with a heavy flow of pedestrian traffic
- » Low power consumption for increased sustainability
- » Incredibly reliable resulting in decreased service costs



### Key features

- » Power failure/fire alarm compatibility
- » Positive locking for one passenger at a time
- » Self centering mechanism
- » Hydraulic damper for smooth operation
- » Anti-backup device

### Materials

Stainless steel housing and tempered glass barrier wing.

### Drive mechanism

Swing arm is opened by logic-controlled DC drive motor.

### Functions & interface

- » Logic controlled interface, bi-directional operation
- » After release by the potential-free contact
- » After the adjustable opening period has expired, the swing barrier wing closes the passage fully
- » Permanently open function

### Technical specifications

Cabinet material	Stainless steel brushed AISI 304 Stainless steel brushed AISI 316
Wing material	10mm tempered glass
Cabinet weight	75 kg
IP rating	IP 54
Cabinet height	1000 mm
Cabinet width	Diameter column 219 mm / top cover 228 mm
Wing height	1000 mm - 1800 mm
Passage width	600 mm, 1200 mm
Capacity	7/min
Internal RFID Dimensions	L = 140 mm x W= 69 mm x D = 40 mm
Available inputs	Card reader for entry and exit, fire alarm, external control panel
Power supply	110/240 VAC, 50/60 Hz
Energy consumption	100W/25W
MCBF	5,000,000 (with recommended maintenance)
MTTR	< 30 min.
Operating temperature	+0°C to +70°C

### Settings

Operation modes	Controlled, free, locked
Acoustic notifications	On/off
Release time out	5, 10, 15, 20 secs
Consecutive passage	On/off
Emergency connection	On/off



For more  
information

Speak to our  
sales team





# Record Flip Flow

Maximum security solution for vulnerable areas

The Record FlipFlow Exit Lane provides a high level of security for a wide range of applications. The user friendly, one-way traffic, security system delivers a high volume throughput, without jeopardising controlled access.

## Applications

Especially suitable for airports and transport hubs, where visitor safety is the number one priority and security risks are prevalent.

## Key benefits

- » Efficient pedestrian throughput of 3600 - 4500 per hour
- » Interlock mode throughput of 500 per hour
- » Ensures secure access & safety for highly sensitive areas
- » Easily fits into existing exit corridors
- » Side-by-side installations possible
- » Configurable security level & multiple sensor options
- » Modern & non-intrusive design
- » Deliver safety and security at the desired level while being user friendly and easily maintained.
- » Easily accessible for individuals with disabilities

## Key features

- » An efficient and economical one-way exit lane system
- » Advanced detection and control technology
- » Innovative 3D imaging
- » Infrared sensors and volume detection technology
- » Provides security and safety in a practical, modular construction
- » Compact and transparent design
- » Allows reallocation or exclusion of security guard staff.

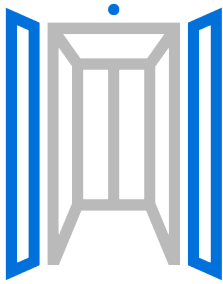
## Variations available

	WIDE	SINGLE	TWIN	TRIPLE
Auto flow / interlock	-	-	✓	✓
Throughput flow	3600 - 4500 per hour		3600 - 4500* per hour	
Throughput interlock	n/a		Approx. 500* per hour	
Security level	Low	Medium	High	Very High
Application examples	Customs exits, security staff in immediate vicinity		Barrier between airside / landside, exit baggage claim, automatic security staff alert	
Use / Application field	After baggage claim, exiting customs or used as a secure emergency egress opening		Passport control	Barrier between airside / landside Transition areas to secure zones After baggage claim Exit areas in airports Automatic security staff alert Customs exit

\* Test automatic change from interlock to flow mode for higher throughput depending on counting of passengers

\*\* Customer specific solutions possible (e.g. 90° tunnel or other angled executions, side-by-side solutions, frosted glass)





Upgrade your premises

Our Flip Flow Exit Lanes can be easily retrofitted into existing corridors, meaning lower costs and downtime for your business.

3D imaging technology

- » Reliable anti-return detection
- » Works in total darkness
- » Sabotage detection

Static object detection

- » On floor
- » On side screens
- » On ceiling

Energy saving LED lights

- » Status indicator
- » Passenger guidance
- » Green wave: flow mode
- » Static red: anti-return alarm
- » Flashing yellow: technical alarm

Modes of operation

Flow	Doors open and close automatically, security and safety is active
Interlocked	Flow mode, but one door is always closed
Auto flow interlock mode	Switch from Interlock Mode to Flow Mode
Open	Doors held open for VIP passage, emergency ingress & egress
Cleaning/maintenance	Security inactive, controlled access provided

Technical specifications

Variant	Total length	Total height	Clear height
Wide	2248 mm	2356 mm	2150 mm
Twin	5242 mm	2365 mm	2150 mm
Triple	6570 mm	2365 mm	2150 mm



For more information

Speak to our sales team





Contact our sales team

**Record UK**

Unit D, 9 Watt Place  
Hamilton International Park  
T + 44 1698 376 411  
E [sales@recorduk.co.uk](mailto:sales@recorduk.co.uk)

Headquartered in Switzerland, the Record group sells its products and services across the globe and is directly present with subsidiaries in many countries.

Part of ASSA ABLOY