

Baze Automation System





COMPANY INTRODUCTION

With work environments becoming increasingly global and dynamic, the smart, safe entry has become the centre of activity in and around many buildings. Baze automation system, a Chinese recognized market leader in providing a wide range of products, systems and services including: Revolving Doors, Sliding Doors, Swing doors, speed gates, along with all types of bespoke doors. With its Head Office located in Shenyang, China and more than 20 years of automatic door experience, we have gained extensive expertise in managing the entrance of office buildings, airports, health-care facilities, hotels and many other types of buildings.

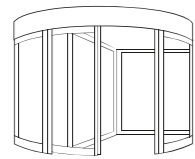
All Baze products are designed and manufactured under strictest controls and those with electrical components are CE rated to ensure that they meet European and International standards to ensure that they are among the best available for quality and reliability, which is also supported by ISO 9001, ISO 14001, ISO45001.

Our promise is our commitment to making you feel welcome and secure, and our mission is to help you make a decision that adds value to you and your business. Our Baze Experience takes you on a journey to find the ideal answer to your entry requirements.

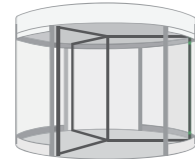
PRODUCT Composition

Product series

| Revolving door series



Two wings door

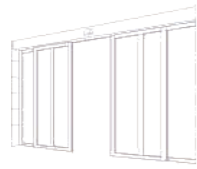


3/4 wings door

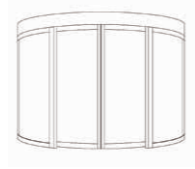


Cystal door

| Sliding door series



Sliding door

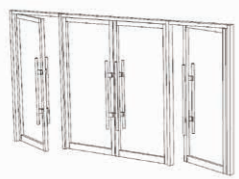


Curved Door



Hospital Door

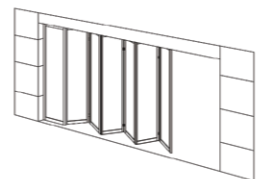
| Venue door series



Swing door



Balanced door



Folding door

| Complex series



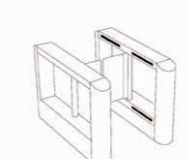
Automatic swing door



Pivot Door



PD Door



Turnstile & Gate



Garage Door & Aircraft Dock

International Standards



ISO9001, ISO14001, ISO45001



CE CERTIFICATION AND EN16005 STANDARD



UL CERTIFICATION STANDARDS



TUV CERTIFICATION STANDARDS

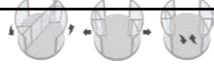










TWO WING Revolving Door

Two-wing revolving doors, as the high-end revolving doors, are widely used for hotels, shopping centers, office building, and airports. Based on EN16005, the highest European safety standard of revolving door, there are up to 30 detection sensors, photocells, and safety monitoring devices equipped to our revolving door, which are used for providing comprehensive protection for pedestrians.



THE MAIN FUNCTIONS

FUNCTION	FUNCTION INTRODUCTION
	<p>Three in one</p> <p>Revolving door, sliding door and balanced door</p>
	<p>Key Switch</p> <p>The key switch has three modes: Revolving door, sliding door and remote-controlled door.</p>
	<p>LCD Display</p> <p>The LCD panel displays the operating state of the door and shows possible error codes for troubleshooting.</p>
	<p>Program Selector</p> <p>During revolving, there are Night Lock, Opening Position Start/Stop, Closing Position Start/Stop, Low Normal Speed, Revolving Counter-Clockwise Manually, Revolving Clockwise Manually.</p>
	<p>Emergency Stop Button</p> <p>Emergency Stop Button could stop door revolving if there is any emergency and switch to sliding door status.</p>
	<p>Disabled Button</p> <p>Door will revolve one circle with half of normal speed after pressing disabled button.</p>
	<p>UPS</p> <p>The UPS ensures normal operations when the door is powered off.</p>
	<p>Anti-Squeeze Function</p> <p>It works when revolving door leaves revolve to drum wall at the distance of 700mm. Anti-Squeeze sensor could be activated and brake the door.</p>
	<p>Anti-Collision Function</p> <p>Sensor is installed at the front edge of door leave to prevent colliding passenger, when sensor detects passengers or objects, system begins to brake, door stops running.</p>

SPECIFICATON

Two Wing Revolving Door Revolving+Sliding+Balanced door		Two Wing Revolving Door Revolving+Sliding	
Inner Diameter	3600	4200	4800
Outer Diameter	3688	4288	4888
Total Height	2640	2640	2640
Passage Height	2300	2300	2300
Canopy Height	340	340	340
Max.Passage Opening	1800	2100	2400
Sliding door Opening	1100	1400	1700
Persons/Min	48	64	80

Two Wing Revolving Door Revolving+Sliding		Two Wing Revolving Door Revolving+Swing	
Inner Diameter	3000	3200	3600
Outer Diameter	3088	3288	3688
Total Height	2540	2540	2540
Passage Height	2200	2200	2200
Canopy Height	340	340	340
Max.Passage Opening	1800	2100	2400
Sliding Door Opening	1100	1400	1700
Persons/Min	48	64	80

STANDARD TECHNICAL INFORMATION	
Power Supply	110V/220V/AC ± 10% 50Hz-60Hz
Revolving door motor power consumption	250W/AC × 2=500W/AC
Sliding door motor power consumption	100W × 2=200W
Lighting power	12V/AC 600W
High speed adjustment range	1~4r.p.m.
Low speed adjustment range	0.5~2.5r.p.m.
Ambient temperature range	-15℃~50℃

THE SAFETY FUNCTIONS

SAFETY FEATURES	FUNCTION INTRODUCTION
Drum Wall Load-bearing	This structure strengthens door stability by increasing load-bearing area.
Vertical Safety Buffer	Installed on drum wall right column, when it's active, door stop revolving, it's kind of passive safety protection of features.
Anti-collision photocell	There are three pairs of photocell, when there are too many passengers in the door and active photocell, door will slow down, brake and stop revolving to make sure passengers' safety.

ADVANCED SECURITY FEATURES	FUNCTION INTRODUCTION
Safety Relay	The safety relay can monitor whether the safety buffer works at any moment. The door will stop immediately when the buffer breaks down.
Torque control Function	When the distance betwvent the moving door wing and the fixed one is less than 700mm, the drive power output from the motor will reduce to a safe level, so that the pedestrian will not be hurt even if all the other sensors are breakdown.
Reversing Function	When passengers make both safety buffer on revolving leaf and drum wall column, revolving door will revolve reverse within safety distance (70mm)
Emergency Stop Function	When there is emergency, emergency stop button could be pressed in any operating status to stop working.
Emergency Evacuation Function	When revolving door encounters an emergency power failure, using internal UPS power to evacuate passengers trapped in the revolving door.

THREE / FOUR Wing Revolving door

Revolving doors fulfil multiple purposes at entrances of public buildings. Safe, convenient and in an elegant design, they enable people to come in and go out without disruption. And anything that needs to stay outside remains outside, such as unpleasant weather or draught. This increases the energy efficiency of the building. You can choose between a manual or automatic version, depending on how much visitor traffic your door needs to manage. We are happy to answer any questions you may have about revolving door systems.












More Stable

More Security

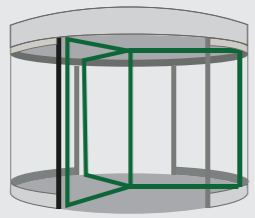

More Beautiful




THE MAIN FUNCTIONS

FUNCTION SELECTION	FUNCTION INTRODUCTION	
	Key Switch	Could be operated by Locking, Continuous operation, Eco-mode
	Handicap Button	Revolving door would rotate one revolution with half normal speed for handicap pedestrian, senior citizen and kids.
	Emergency stop button	Emergency situation, door could halt immediately when press button
	Force-sensitive	If resistance of revolving wings encounter exceed a pre-set value, automatic door will halt to ensure safety.
	Speed control	With mechanical damper, control operating speed for safety.
	Vertical safety buffer	Conductive safety rubber, be activated by small force and halt the door
	Anti-squeeze Sensor	Distance between revolving wing and curved wall smaller than 700mm, anti-squeeze sensor could be activated and brake the door.
	Panic breakout	Emergency situation, door wings could be manually collapsible, provide a fleet passage space.
	Infrared safety light curtain	Non-contact anti-collision light curtain installed on top of door wings, any pedestrian or objects detected within a defined scale, anti-collision system is activated and brake door wing revolving.
	Night Security Door	Make the door closed at night, in case of any wanderer stays in door area.
	Assisted function	Design specifically for manual revolving door, door would rotate one revolution after gently push and then stop at initial position.





STANDARD TYPE



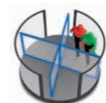

STANDARD 3/4 WINGS DOOR								
Inner Diameter		1800	2100	2400	2700	3000	3200	3600
Outer Diameter		1888	2188	2488	2788	3088	3288	3688
O.Width	3 wings	772	924	1074	1224	1374	1474	1675
	4 wings	1172	1385	1597	1810	2022	2164	2448
Passage Height		2300	2300	2300	2300	2300	2300	2300
Total Height		2600	2600	2600	2600	2600	2600	2600
Canopy Height		300	300	300	300	300	300	300

LARGE & HIGH TYPE

LARGE & HIGH TYPE 3/4 WINGS DOOR			
			
Inner Diameter	3600	4200	4800
Outer Diameter	3688	4288	4888
Passage Height	2300	2300	2300
Canopy Height	300	300	300
Total Height	2600	2600	2600

THE MAIN FUNCTION	
Power Supply	110V/220V/AC ± 10% 50Hz/60Hz
Revolving door motor power consumption	250W/AC
Lighting	300W
High speed adjustment range	1~4r.p.m.
Low speed adjustment range	0.5~2.5r.p.m.
Ambient temperature range	-15°C~50°C

STRUCTURAL CHARACTER	FUNCTION INTRODUCTION
 Center Shaft	Door wings rotated by center shaft, compared with other door clamp type would be more stable.
 Bottom-driving	Bottom-driving, which need driving box to be embedded in advance. Normally used for all glass automatic revolving doors.
 Top-driving	Assemble driving system, and electronic parts inside revolving door canopy.
 Drum wall load-bearing	Strength door stability by increased stressed area, compared with other pillar-bearing, firmness is greatly enhanced.

ADVANCED FEATURES	FUNCTION INTRODUCTION
 Manual/Automatic switching	When power failure, automatic door could be manually operated by this device
 Speed Control Function	Speed limitation ensures safety as it prevents the doors from rotating too fast.
 Anti-piggybacking function (used for security door)	Under access control function, ensuring only one passenger passing of each authorization, the following passenger will be locked in an enclosed space. The security door will warn and back to start place.
 Anti-tracking function (used for security door)	By a video analyzing software, ensure every passing space only pass one passenger. If there are more than 2 passengers enter 1 passing area, the security door will warn and back to start place.

CRYSTAL

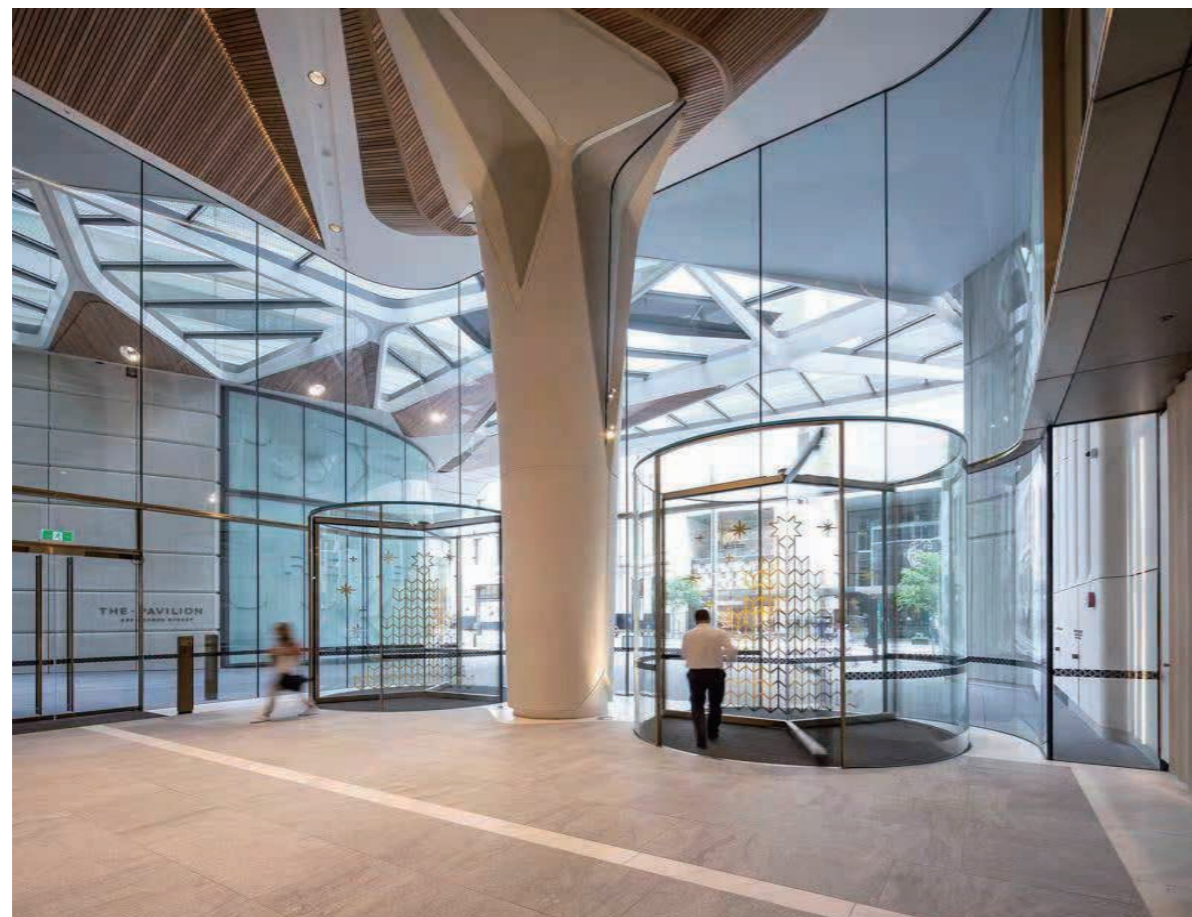
Revolving door

Crystal glass revolving door is designed and manufactured specifically to fit the aperture of your building. – Consequently we manufacture and sell our all glass revolving door in sizes increments of one millimeter, both width and height, at no additional cost. We are able to meet the design aspirations of our clients, specific to the finest detailing and delivering exceptional results.









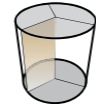


More Stable

More Security

More Beautiful



THE MAIN FUNCTIONS





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	Emergency stop button	Emergency situation, door could halt immediately when press button
	Force-sensitive	If resistance of revolving wings encounter exceed a pre-set value, automatic door will halt to ensure safety.
	Speed control	With mechanical damper, control operating speed for safety.
	Vertical safety buffer	Conductive safety rubber, be activated by small force and halt the door
	Anti-squeeze Sensor	Distance between revolving wing and curved wall smaller than 700mm, anti-squeeze sensor could be activated and brake the door.
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	Night Security Door	Make the door closed at night, in case of any wanderer stays in door area.
	Assisted function	Design specifically for manual revolving door, door would rotate one revolution after gently push and then stop at initial position.





SPECIFICATONS



CRYSTAL REVOLVING DOOR								
Inner Diameter	1800	2100	2400	2700	3000	3200	3600	
Outer Diameter	1852	2152	2452	2752	3052	3252	3652	
O.Width	3 wings	849	999	1149	1299	1449	1549	1749
	4 wings	1236	1448	1660	1872	2084	2226	2508
Total Height	2246	2246	2246	2246	2246	2246	2246	2246
Passage Height	2200	2200	2200	2200	2200	2200	2200	2200
Canopy Height	46	46	46	46	46	46	46	46

CRYSTAL REVOLVING DOOR								
Inner Height	1800	2100	2400	2700	3000	3200	3600	
Outer Diameter	1860	2160	2460	2760	3060	3260	3660	
O.Width	3 wings	784	934	1085	1235	1387	1487	1685
	4 wings	1183	1395	1607	1819	2032	2173	2456
Total Height	2270	2270	2270	2270	2270	2270	2270	2270
Passage Height	2200	2200	2200	2200	2200	2200	2200	2200
Canopy Height	70	70	70	70	70	70	70	70

STRUCTURAL CHARACTER		FUNCTION INTRODUCTION
	Center Shaft	Door wings rotated by center shaft, compared with other door clamp type would be more stable.
	Bottom-driving	Bottom-driving, which need driving box to be embedded in advance. Normally used for all glass automatic revolving doors.
	Top-driving	Assemble driving system, and electronic parts inside revolving door canopy.
	Drum wall load-bearing	Strength door stability by increased stressed area, compared with other pillar-bearing, firmness is greatly enhanced.

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	Anti-tracking (used for security door)	By a video analyzing software, ensure every passing space only pass one passenger. If there are more than 2 passengers enter 1 passing area, the security door will warn and back to start place.

AUTOMATIC Sliding Door

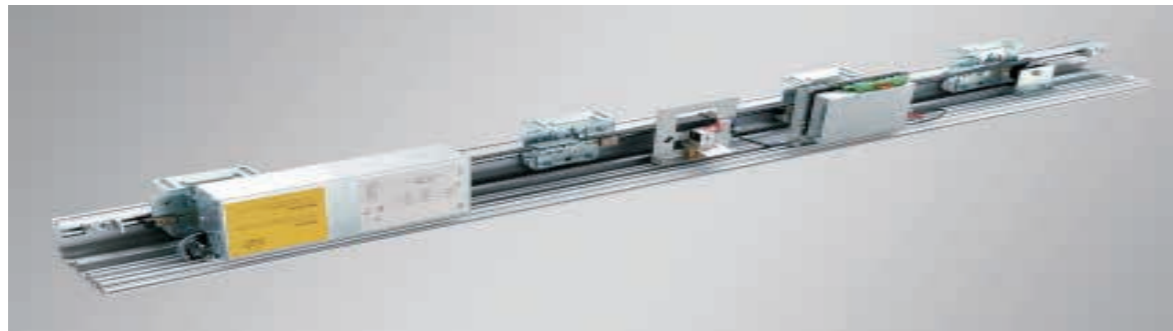
Standard automatic sliding door is a universal choice for both interior and exterior. Extremely appropriate for highly frequent entrances, since it allows a smooth flow of all users. Their flexibility and functionality make each project completely unique and are always and excellent solution. The possibility of using different profile and glass colors allows you to create a project that completely meets your wishes.



MAIN FUNCTION		
	Various drive system	It gathered the main control board, drive board and battery board to one board. And use more stable power supply which is more sophisticated and artistic.
	High-speed processing chip	Using high-speed processing chip and optimized programming, covering all the features of sliding door products. It is a full-featured smart product.
	Self-checking function	When the automatic door activates, the system can automatically calculate the door body weight, friction, opening width and other parameters. Based on these parameters, the door could calculate the optimal opening / closing speed, acceleration / deceleration time, low-speed distance, etc., to ensure the operation is always under the best condition.
	Ultra-quiet operation	High-frequency PWM drive design (outside the audio range), silent rail, aluminum alloy gear, synthetic rubber timing belt and other technical measures to accelerate the door, running, brake more stable, quiet, the minimum noise, remaining minimum noise below 49db
	Power failure set up	According to customer's request to set up the door open / closed status when power failure before leaving the factory. Customers could choose whether the automatic doors are open or closed when power failure. (Note: The factory setting is the door is closed when power failure)
	Anti-squeeze force sensitive function	When the resistance of the automatic door body is larger than the set value (the setting value can be adjusted), the door body will automatically reverse running and decelerate tentative operation before running to the obstacle point again until it is closed normally to ensure pedestrians to the greatest extent Traffic safety.
	Safety beam(optional)	Installing a pair of safety beam at a height of 1 meter from the fixed leave of the door to the ground to ensure that the door leaf automatically opens when there are people or objects in the automatic door to avoid squeezing people or objects.
	Backup battery(optional)	The unique UPS battery backup system allows the automatic door to operate continuously for 30 minutes after power failure.

BS SERIES

Sliding Door Operators



Drive circuit and power integrated into the controller, integrated all functions including power supply, drive, UPS, program selection, parameter adjustment.



Through the installation of the main control on the single LED display, increasing calculation functions, convenient statistics



Protection level IP54 , making the usage more reliable



Design according to standard EN16005, accord with all EN16005 safety standard



Maximum power supply up to 350W, easy to change AC220V and AC110V , suitable for different countries power requirements



Three ways to choose the automatic door working modes : key switch mode, PSA control panel mode, the controller key mode



RS485 communication interface, built-in MODBUS RTU communication protocol, communication distance can reach 1.2 km.

OPERATOR MODEL	BS 100SC	BS 100SF
Operator Length	4000mm/5000mm/6000mm	3200mm/4200mm/6100mm
Operator Width	175mm	85mm/165mm/185mm
Operator Height	150mm	125mm/200mm/105mm
Max. Height	Single 200kg, Double 320KG	single 300Kg/double 250Kg*2
Opening Width	700-3000mm	600-2000mm
Opening/Closing Speed	10cm/80cm/s (adjustable)	15cm-50cm/s (adjustable)
Power Supply	AC 220V ± 10%, 50HZ	AC 220V ± 10%, 50HZ

AUTOMATIC SWING DOOR

Automatic swing door could be divided into two types: fully automatic and half-automatic. Automatic swing door operators could be easily installed, and they are mostly installed at office buildings, hospitals, cleaning rooms, disabled access etc. The operator could be connected to fire alarm and used as fire barrier automation.



Dynamic and spring structure: Gearbox and spring closed module

Main control unit: Independent control panel

Power panel: Integrated ring transformer, with independent power design




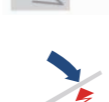
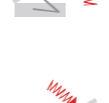

Drive unit: DC brushed motor, low working noise

Arm: According to different application, push/pull arm optional

Function switch: Switch from push and go and automatic mode easily

MODEL	BS 500S
Dimension	580mm X 124mm X 84 mm
Max. door weight	150Kg
Surface treatment	304 Stainless steel or Aluminum
Motor type	DC brushed motor
Voltage	110V/220V ± 10% 50/60 Hz
Hold time	3 ~ 21S(adjustable)
Opening speed	3 ~ 9S(adjustable)
Closing speed	3 ~ 9S(adjustable)
Auto return and Push & go	Yes
Optional parts	Light curtain, radar, photocell, sense switch

MAIN FUNCTION

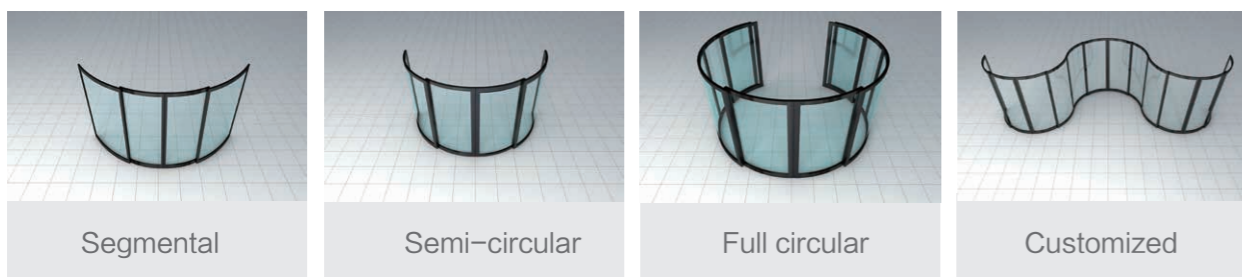
	Bi-directional auto-return	The door leaf will auto-return if it meets obstacles during opening and closing cycle, to ensure the safety of passenger
	Push and go	With program selector the door could be set to push and go mode
	Light curtain	Non-contact safety device could effectively ensure the safety of passenger.
	Electric open and closed by spring force	The door is opened by electrical power and closed by spring force
	Hand push and spring closed	After de-energized, the door could be manually opened and closed by spring force
	Fire alarm function	The swing door operator could be connected to fire alarm

AUTOMATIC CURVED SLIDING DOOR



Automatic curved sliding door has unique appearance due to different curvature and combination. Full circular curved sliding door which with interlock function could massively reduce the energy consumption caused by indoor and outdoor air exchange. Automatic curved sliding doors are suitable for hotel, airport, super market, hospital, office building.

DOOR TYPE



MAIN FUNCTION

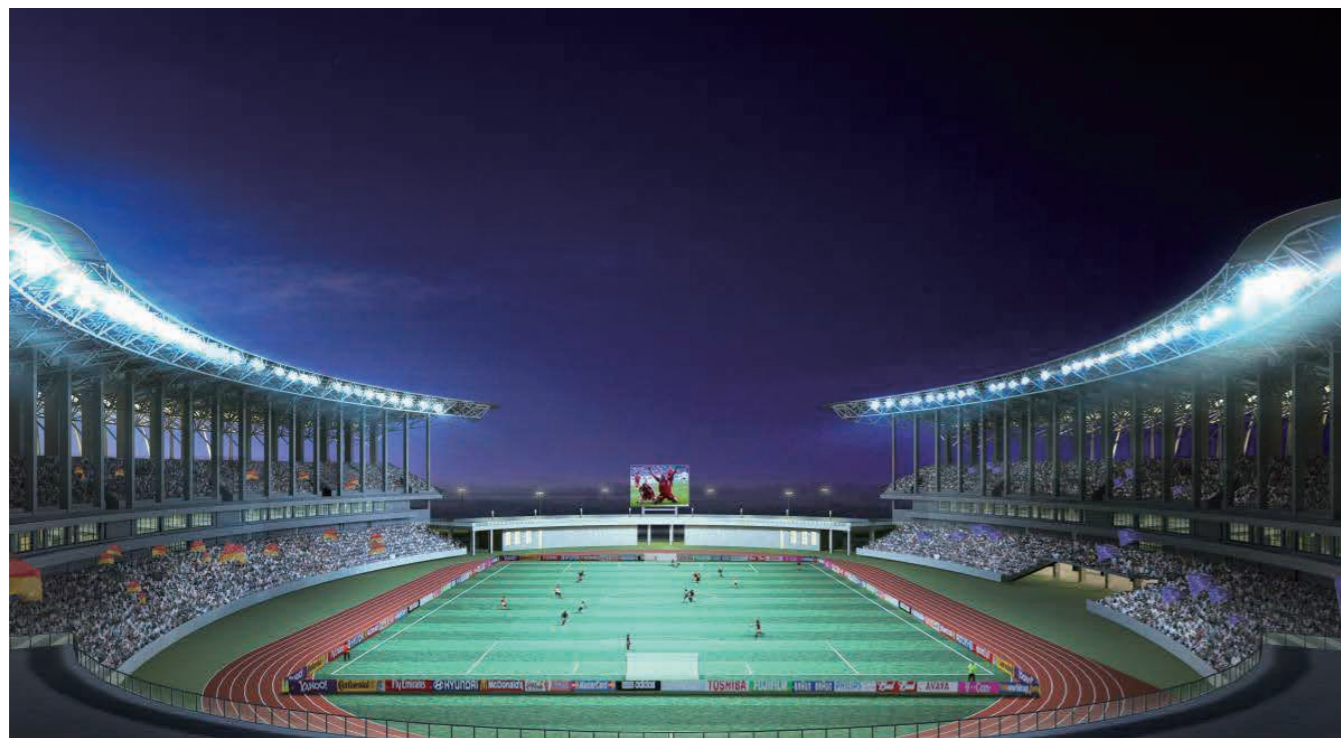
	Low-noise operation	High frequency PWM driven design (audio range) mute guide rail, aluminum alloy molding gear, and synthetic rubber synchronous belt make the speed of the door, run and brake more stable, quiet, minimum noise below 49 db.
	Setting after de-energized	Setting after de-energized could be set in factory according to customer's need. The door could be set open or closed when de-energized(Remark: default setting is closed when de-energized)
	Force-sensitive anti-squeeze	When the door leaf meet bigger resistance(bigger than default setting value, the default setting value could be adjusted)/meet obstacle, the door leaf will auto-return, and slow down when next time come to the same point until to closing position.
	Photocell (optional)	The photocell is installed on the fixed leaf to ensure the door keep open when passengers are in-between the door leaf area.
	Backup battery (optional)	Backup battery system allows the automatic sliding doors to continue operating for 30 minutes in the case of power failure.
	Interlock function (optional)	Interlock refers to the status of one door leaf being locked while the other remains open during the curved sliding door's motion. This function could effectively reduce energy consumption due to indoor and outdoor air exchange.

DIMENSIONS

Diameter	2400	2700	3200	3600	4200
Inner Height	2200	2200	2200	2200	2200
Canopy Height	300	300	300	300	300
Total Height	2500	2500	2500	2500	2500

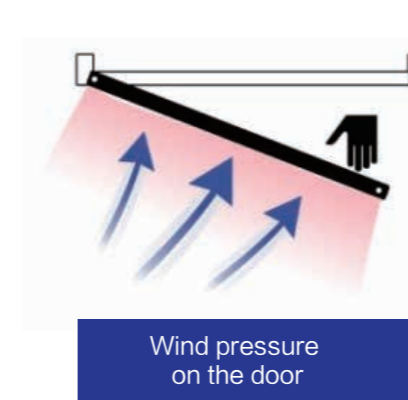
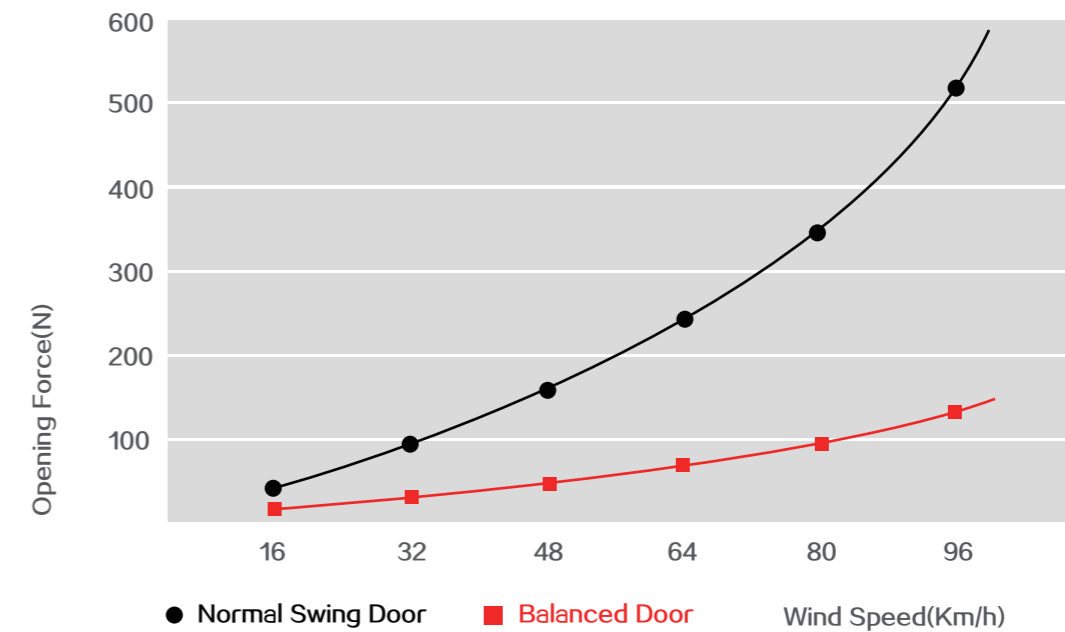
VENUE DOOR Series

Venue is a large door area solution specially designed for large stadiums, convention centers, business centers and other places. Mainly covers balanced doors, folding doors, ground spring doors, and swing doors. Based on the premise of traditional stadium door and related solutions, Baze can provide higher and wider solutions, allowing designers to have more choices for designing in the door area to meet different customers' special requirements.



BALANCED DOOR SOLUTION

The balanced door mainly solves the problems of traditional swing door height and weight limitation. In terms of design, fully considering the pressure difference caused by inner and outer temperature difference and wind pressure. It allows the users to open a 5m high door with small force. At the same time, it could realize automatic and manual integrated function to maximize pedestrian passage.



BALANCED DOOR SOLUTION



BALANCED DOOR STRUCTURE

A: Top support arm mainly plays the role of support and fixation and cooperates with the guide wheel to keep the door body in orbit.

B: Bottom support arm mainly used for supporting and fixing, the guide wheel is used to keep the door body in a predetermined orbital motion.

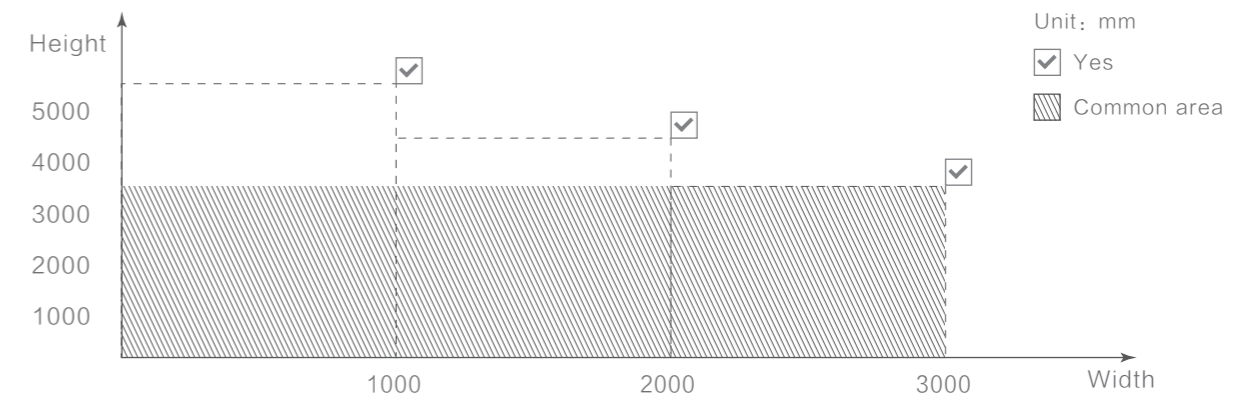
C: Spring mechanism mainly used to resist wind pressure and can bear up to force 8 wind

D: The guide wheel is mainly used for guiding, to make the door body runs in specific orbit

E: Normally open lock :When the door needs to be set to normally open, normally open lock can be reserved on the ground to keep the door body 90° normally open state

F: When the door area stops using, the door can be locked by the normally closed lock

Glass thickness	Weight range	Working mode	Surface treatment
10mm-28mm	150Kg-480Kg	Manual/automatic	RAL painting Stainless steel



BALANCED DOOR SPECIFICATION		
	Closer balanced door	Suitable for installation in inside and outside wind pressure environment, good wind resistance; with double brush structure excellent sealing performance; so far, single door panel width can reach 880mm-1500mm, height can reach 2200-5000mm; glass thickness is 12-28mm or less
	Pivot balanced door	With double brush structure, excellent sealing performance; With door closer function inside, the axis is hidden in the door area frame, and it has an adjustment function to facilitate the adjustment of door body opening and closing speed and force.
	Assisting balanced door	Based on the original pivot balanced door, add a self-developed main control unit, stable working performance, safe usage, simple and beautiful appearance. The drive unit adopts Dunker-motoren motor with excellent performance and high efficiency reducer with gear transmission. Compact structure, long service life

FOLDING DOOR SOLUTION



Folding doors are the most commonly used large-area door solutions in the door field, and are mainly used in places where the overall opening requirements in super huge door area. For example, customs, airports, large convention centers, large shopping malls, automobile sales and exhibition center, maintenance factory etc. At the same time, both manual and automatic opening methods could be provided. Using the built-in driving and hanging structure to achieve the overall opening.

SPECIFICATION

Single leaf width	500mm-1000mm		500mm-1000mm	
Quantity of door leaf	2/4/6/8/10/12		16/18/20	
Door body height	2400mm-6000mm		2400mm-6000mm	
Driving method	Single drive		Above 16-20 double drive	
Door body vertical frame	25mm	50mm	65mm	100mm
Door body horizontal frame	80mm	100mm	120mm	180mm
Door leaf material	Tempered	Hollow glass	Laminated	Fire rated glass
Surface treatment	RAL painting		Stainless steel cladding	

HARDWARE SYSTEM

The load-bearing wheels equipped with high-intensity customized imported POM hanging wheels and customize wheels. Each pair of hanging wheels can bear a weight of 400kg or more, and the high-quality aluminum alloy track can run smoothly with low noise and wear resistance. The hinge used customized high-intensity concealed hinges, and the door closing hinges are hidden inside the door to ensure the overall style of the door is not affected. Brushes, strips and other sealing methods for customers to choose

FUNCTION OPTION

Hand-held remote switch control, wall switch control, radar detection open, full open, half open (energy saving), one-way passing, normally open, normally closed and other functional options, also according to the customer's request, it can be equipped with opening functions such as access control opening, license plate recognition, long-distance card reading and remote central control.

SAFETY SYSTEM

Infrared anti-squeeze sensor, door closing resistance reverse opening, emergency stop button, floor sensor (metal detection optional) and so on. High sensitivity, high stability, and full safety for pedestrians

CONTROL SYSTEM

Using imported Japanese original PLC (programmable controller), and transducer, low energy consumption ,

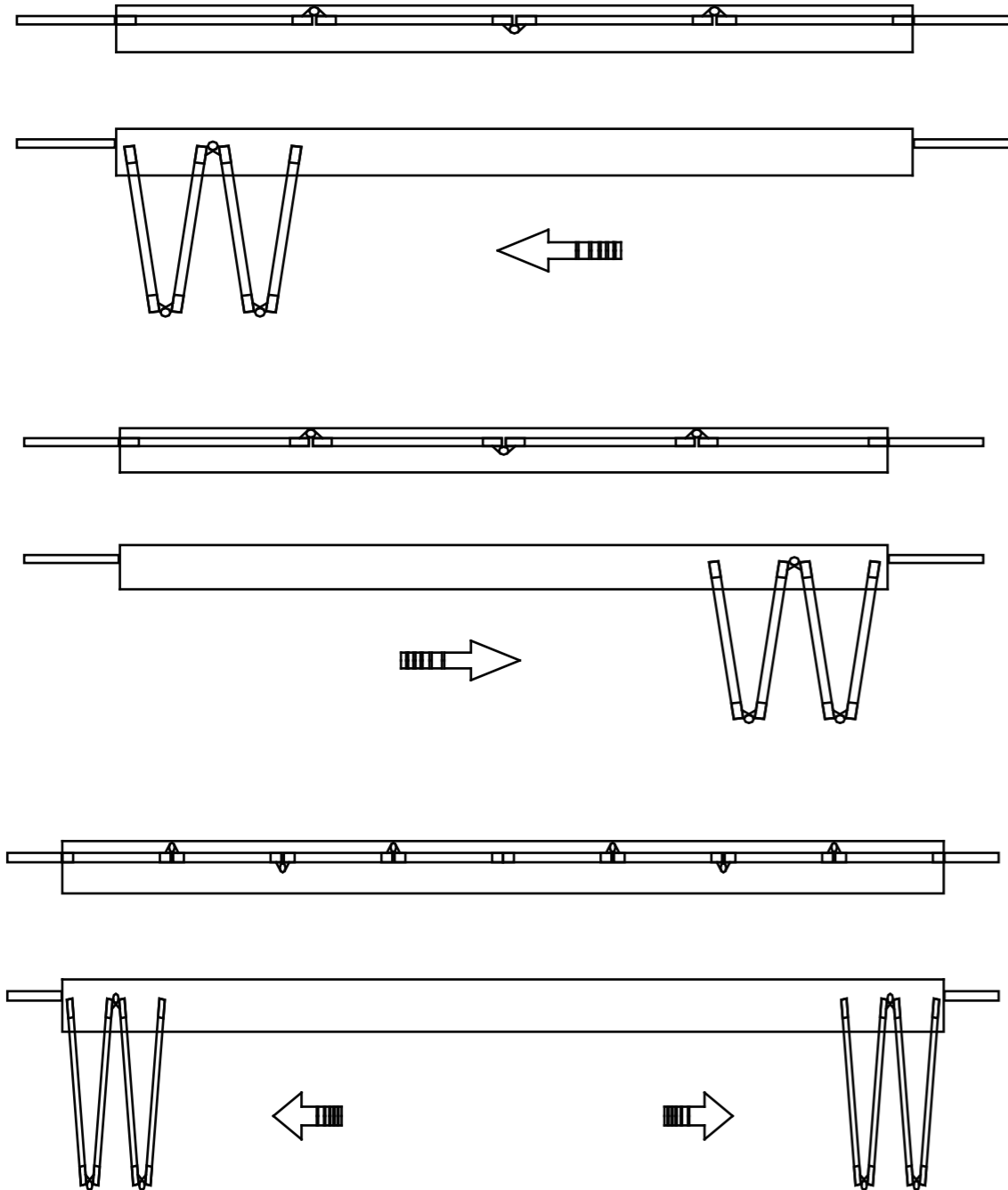
FIRE PROTECTION FUNCTION

It can be linked with the fire control. The door will open automatically to the fully open position to form an evacuation channel when receiving fire signal. Special places with large open width such as shopping malls, large-scale convention and exhibition centers, railway stations, airports offer larger to offer than 4m * 4m fire passage for fire engine . If the emergency power supply cannot be connected to the building backup power supply, could optional equipped a UPS power supply to ensure the doors opened to the fully open position after the fire signal is inter-vened.

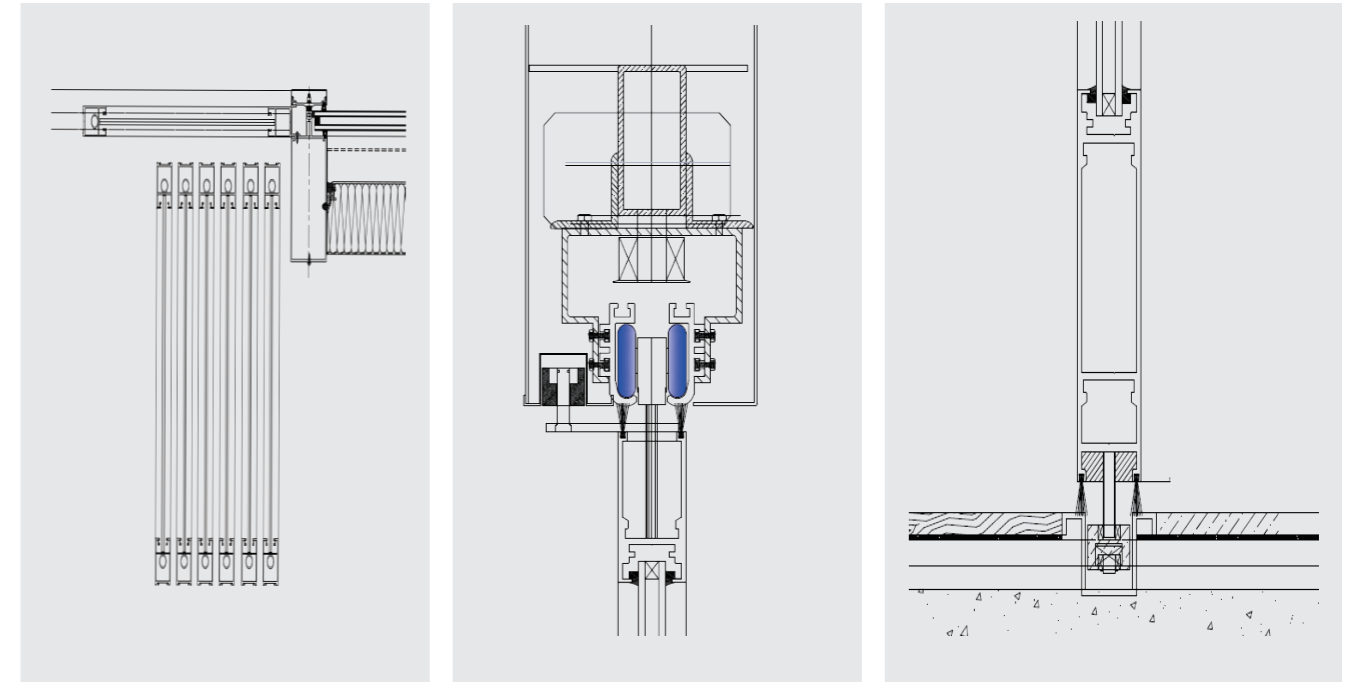


OPEN MODE

Folding door can be divided into three kinds of open mode, which are left open, right open and bidirectional open, both manual and automatic methods are supported, as well as single drive and double driven supported. It can meet the needs of super big door and big entrance. According to the customer's requirements on entrance permeability, we can also provide the solution of the frameless door.



OVERALL STRUCTURE



TURNSTILE Series

APPEARANCE

Door body frame is made of high-quality stainless steel, the gap between door wing and the control box is very small, internal components are antirust and anticorrosive, durable in use.

DRIVE SYSTEM








Adapted by international brand brushless DC motor to drive the door wing, good performance of synchronicity, smooth running, no jitter, low noise, fast speed, and available to adjust open speed and time delay.

SAFETY

Matched with over 10 pairs military-grade high-performance infrared detectors, which can accurately achieve the prevention of trailing, detection of illegal access, clamp prevention and impact and direction discrimination functions.



FUNCTIONS & DESCRIPTION

	Emergency escape	When the turnstiles is powered down or receives a fire signal, it can be opened manually, door wings could be put back into door body, to provide max passage width.
	Anti-break-in	Unauthorized personnel entering the door area, the system can automatically light or alarm.
	Anti-trailing	When the authorized person passes, if an unauthorized person follows, the system will automatically alarm.
	Safety photocell	The system standardly match with 10 pairs photocells, under different circumstances, play the function of anti-clamp, anti-trailing and anti-reverse.
	Anti-trailing	The photocell function can prevent unauthorized personnel from following through the door area.
	Anti-reverse	It can effectively prevent the passage after the reverse exit, so as not to interfere with other pedestrian.
	Connection to external device	It can match with RS232 or RS485 terminal, available to connect with access control system, monitoring system and fire alarm system.

MATERIAL AND SURFACE TREATMENT

SURFACE MATERIAL	MATERIAL THICKNESS	SURFACE TREATMENT	WING DOOR MATERIAL
304 Stainless steel	2.0mm	Brushed (standard) Mirror (optional)	Tempered glass

ENERGY CONSUMPTION

INPUT POWER	RATED VOLTAGE	DRIVE MOTOR	DATA EXCHANGE PORT	AMBIENT TEMPERATURE
AC220V AC85 ~ 230V 3A 5A (Max)	DC24V	Brushless DC motor	RS485 (1CH) RS232 (3CH) CAN BUS Ethernet (Optional)	-20°C ~ 60°C

FUNCTION PARAMETERS

Bidirectional passage, free mode and control mode are adjustable.

Mode and NC could be set after user.

Automatic reset function: if passenger don't pass door area in pre-set time, the system could close the door automatically. (Default 5 seconds, adjustable)

Self-check function, easy for the user to use and maintain.

Trailing detection and intrusion alarm function

Anti-clamp function: prevent finger-jammed and personal injury

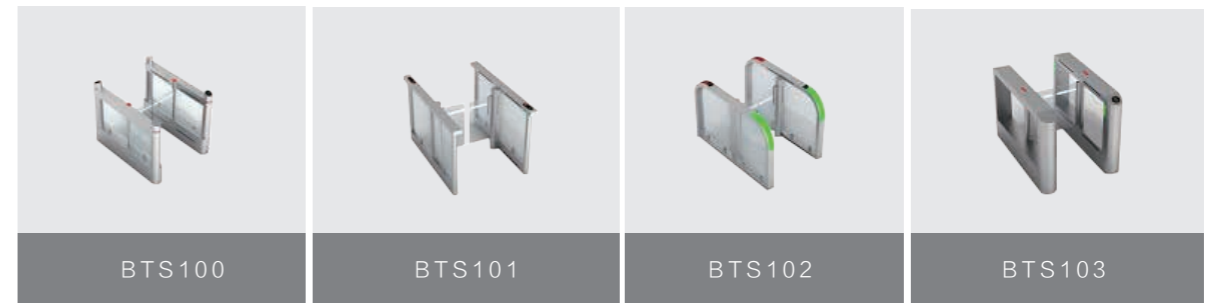
Emergency escape function: press the emergency button, door open automatically, and use remote control to control door open or not.



Tripod Gate



Swing Gate



Wing Gate



Slide Gate



Full Height Turnstile



PD DOOR

PD door is a integrated door could realize both sliding and swing door operation, it has perfectly solved the tradition sliding door could only half open. It is widely used in kitchen, living room, balcony, stores and other places profit by its convenient opened, maximum space, attractive , durable advantages.

PRODUCT PARAMETER

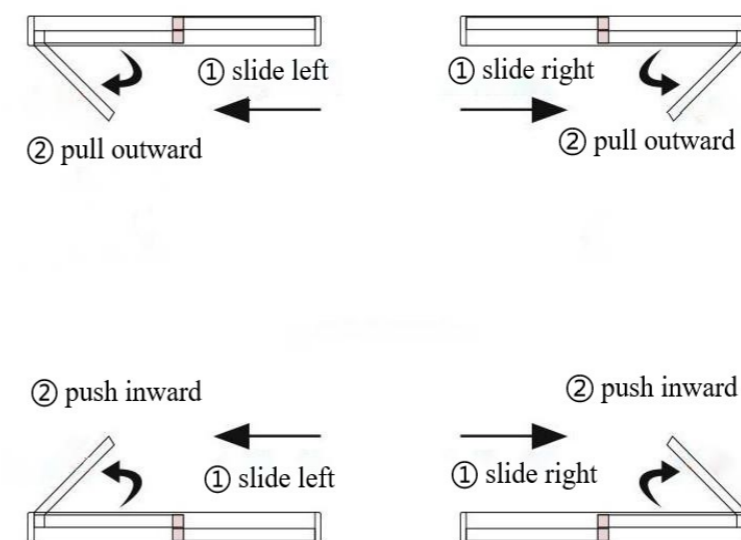
Body thickness	Fixed orbit	Moving orbit	Border thickness	Outer border seal
1.4mm	70.5mm*40mm	70.5mm*37mm	1.4mm	80.5mm*46mm
Hinge specification	Door Hook	door lock	The frame under the door	The frame above the door
87mm*68mm	85mm*30mm	87mm*85.57mm	85mm*30mm	91.74mm*30mm
Insulating glass configuration	4+12A+4		Can Be used as an auxiliary window	
Optional Color:	Reference Color Plate			
Sealing between glass and profile with glass glue				



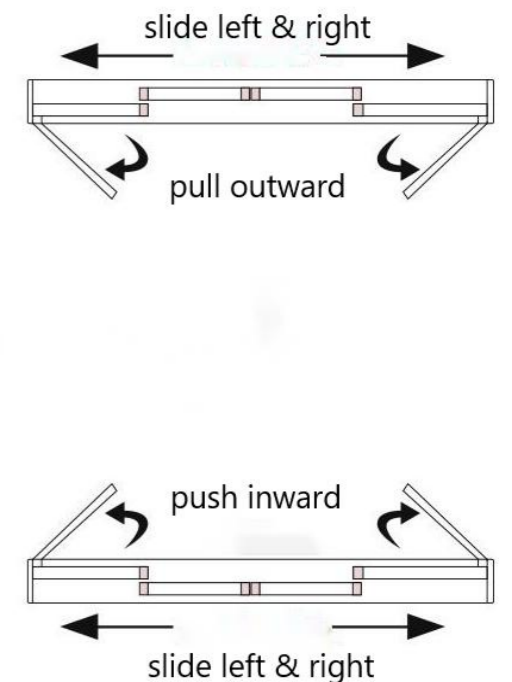
ADVANTAGE

- 1.Unique sliding system, pd door panel has the smallest swing space among all doors, which not only saves space, but also saves space;
- 2.Well-designed bottomless road, but not without a solid system, regardless of tripping customers, will not accumulate stolen goods, the ground is not hindered, beautiful;
- 3.Operation step is little, action is small, switch does not need to move footstep, can operate with one hand, this tidal current door suits each kind of crowd, more convenient;
- 4.Small noise, strong and durable. During the research and development, PD door was set as the switch for 250,000 times;
- 5.A variety of styles, a variety of door colors and combinations, all materials are used in the same industry leading standards;
- 6.Specification and size customization.

Bi-parting 2-leaf PD Door



Bi-parting 4-leaf PD Door



PIVOT DOOR

Pivot Door is a kind of intermediate placement door, due to the center pivot rotation, the use of the door has been greatly changed. A building could install several pivot doors at one time, When these doors closed, it forms a closed wall; while when the door opens simultaneously, it could unite the two spaces and expands the space. Pivot door as the "Room Divider" could provide the ideal solution for a unique design statement

Pivot door could be manual and automatic operation. If manual Operation, the door could rotate 360 degree, and automatic operation could rotate 90 degree. It frees our hands and provides a great deal of convenience. Pivot door has a wide range of applications, like office buildings, hotel lobbies, etc.



FUNCTION PARAMETER:

Single leaf width	500-2000mm
Door body height	2200mm-6000mm
Driving method	manual or automatic method
Glass thickness	8mm-28mmtempered glass /Laminated glass/Insulating glass
Opening type	Radar/Key Switch/ Access Control
Surface treatment	Powder Coated/ Stainless Steel Cladding

GARAGE DOOR& AIRCRAFT REPAIR DOCK



Baze would always be available for your door requests, Baze experience would takes you on a journey to find the ideal answer to your entry requirements.

BAZE