



# ***Automatic Sliding Doors***

## *Our reliable suppliers*

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### Drive Unit



We used the 1st class system in the world, dunermotoren motor for sliding doors

### Control Unit



We use Philips main control trip to ensure stable working of sliding doors

### Sensors



We use BEA radars and sensors from Belgium, or Optex from Japan



Automatic sliding door

- Multi-functional control panel
- Safety and smart design
- High configuration with economic price
- Different models to satisfy clients



Telescopic sliding door

- Up to 4m clear passage width
- Multi-functional control panel with safety design
- Single and bi-part slide



Hospital hermetic door

- Automatic and clean
- Air tight and sound insulated
- Design for hospitals , x-ray rooms, laboratory, music studios



Automatic curved sliding door

- Transparent and elegant
- Energy saving
- Safe and stable

## Automatic Sliding Door

## Automatic Sliding Door

### Capability

- Standard length: 3000mm ~6100mm
- Customized request: We can do, and we're willing to do



## Automatic Sliding Door

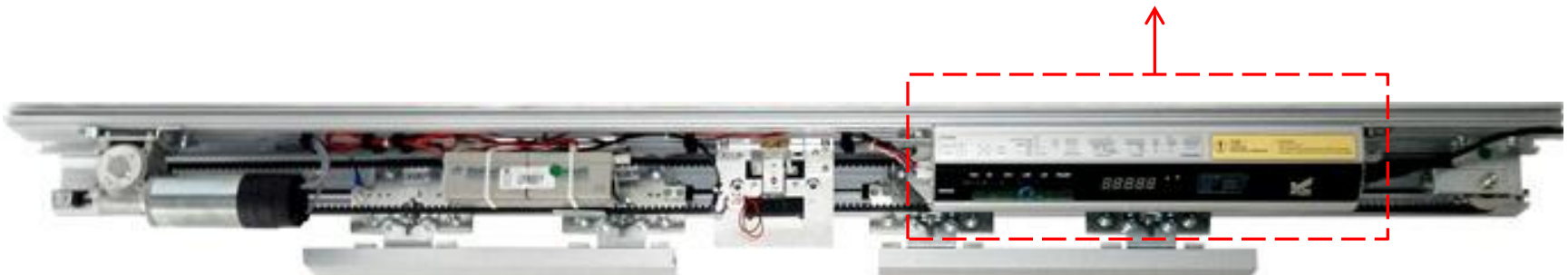


- ◆ Stable working
- ◆ Cost efficient
- ◆ Powerful function
- ◆ Security

## Operators



Sliding door Operator - KS3000



Sliding door Operator - KS100

## Safety features

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### 1. Self test



When the automatic door begins to work, it establishes the self-learning process and calculates the optimum open/close speed, acceleration /deceleration time, low speed distance, and other features. This function starts automatically when the door is powered on, ensuring the door to operate in the optimal state.

### 2. Emergency opening



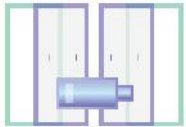
KS3000 sliding doors can be opened under special circumstances of the passing of massive objects and in the case of emergencies. The door's sliding and fixed leaves can be pushed open by human force at any position, maximizing the passing space within the door.



## Safety features

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### 3.. De-energized Door Leaf Settings



With this feature, the door leaves can be set to be opened or closed after the door is completely de-energized in the case of an emergency situation. This can be set accordingly to the requirements of the customers before the products are sent out. (The default setting is “closed”.)

### 4. Nylon Track Rail



One of the symbolic features of KBB products is the nylon track rail, which is excellent in lowering noise and reducing track wastage.

### 5. PSA control panel



Invented by KBB, the PSA control panel is an innovation in the world of automatic door control systems. The seven modes can be easily switched through the PSA control panel. This panel can also be used to make adjustments to the operation parameters, while showing any possible error codes through a display.

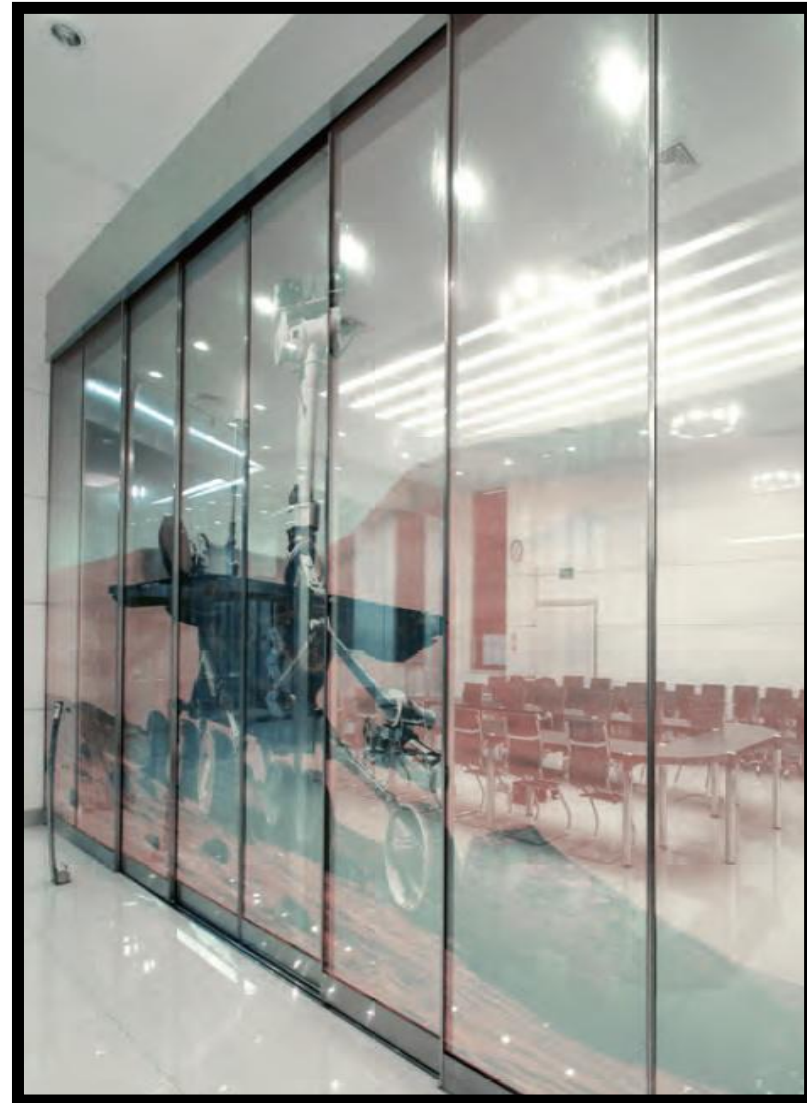


*Technical data*

Drive ways	Single-Motor Driven		Double-Motor Driven
Operation Direction	Single Parting	Bi-parting	Bi-parting
Maximum Door Weight	/leaf	2x120kg/leaf	2x/leaf
Opening Width	800~		800~
Maximum Drive Power	150N		180N
Rated Power	100W		200w
Opening Speed Range	0.4~/s		
Closing Speed Range	0.3~/s		
Partial Opening Speed Adjustable Range	25%~90% (65%, Standard)		
Keep Opening Time Adjustable Range	5~10s (5s, Standard)		
Night Keep Opening Time Adjustable Range	5~30s (7s, Standard)		
Power Source	220V $\pm$ 10%, 50/60Hz,		
Ambient Temperature	~		
Maximum Relative Humidity	<90%		
Protection level:	IP23		

## Telescopic Sliding Door

- ◆ Stable working
- ◆ Cost efficient
- ◆ Powerful function
- ◆ Max. opening width



## Technical data

Door Width:	$> 1.5W + 500\text{mm}$
Opening Width:	1100—3000mm (Single-opening) 1400—4000mm (Double-opening)
Opening Height:	$\leq 2600\text{mm}$
Operator Width:	280mm
Operator Height:	200mm

Power Supply	220V/AV $\pm 10\%$ , 50/60Hz, 10A
Rated Power	100W (Single Motor), 200W (Dual Motors)
Max. Drive	150N
Max. Door Weight	100KG/LEAF (Single-opening) 60KG/LEAF $\times 2$ (Double-opening)
Adjustable Keep Opening Time	0—10Seconds (Standard 7S)
Full Load Runtime of Back Up Batteries	30min
Operating Temperature	$-30^{\circ}\text{C} \sim +50^{\circ}\text{C}$
Max. Relative Humidity	90%

## Hermetic Doors



- ◆ Stable working
- ◆ Cost efficient
- ◆ Powerful function
- ◆ Cleanness and air tightness

## Safety features

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### 1. Self test



When the automatic door is started, it establishes the self learning process and calculates the optimum open /close speed, acceleration/deceleration time etc.,ensuring the operation always in the optimized state. In the running process, the leaf reverse immediately when it encounters barrier and then the system has a low operation with speed self test process, if there is no barrier, it runs normally, ensure the safety of pedestrians.

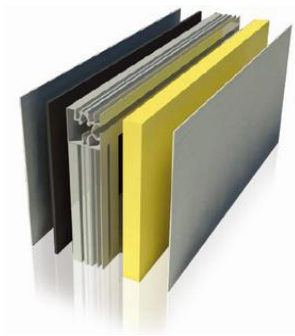
### 2.Simple,Powerful Operation & Troubleshoot System



Through PSA, available operating states are Half open, Lock, Manual, One way and Automatic. Up to 37 parameters allow you to set the open/close speed, half open width, open time and close time, providing practical functions and simple operations. KH1000 has a automatic troubleshoot system, monitoring the running state of the automatic door. If any part (mainly electric appliance parts) does not work, it will exam automatically: stops operating alarms, and displays the trouble information through PSA panel .

## Safety features

### 3.Special Structure of Door Leaf

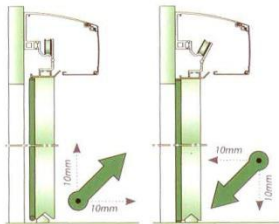


The door body of KH1000 is made of aluminum alloy frame and painting panel. The observing window in the door uses double-layer glass to satisfy the requirement of special application.

The Intermediate plate is in high pressure polyurethane foaming process, which made the weight of the door much smaller, and improves the sound insulation, thermal insulation, dustproof, fireproof etc.

KH1000 also possess the anti-radiation function with the help of lead plate.

### 4.Perfect Air Tightness

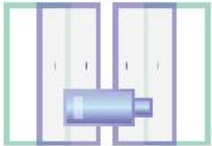


The special **V-shape** concave arc rail and bearing roller design make the door leaf move along both inside and downward for 10mm separately, which ensure the whole door possess the perfect air tightness .

## Safety features

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### 5. EMG solution



When power supply fail, the large capacity UPS can ensure at least 30 minutes normal operation of the door ,make people safe all the time .

### 6. Advanced operating software



The operating software which was installed in KH1000 was the most advanced one in the hermetic door field .

We had our own software company who research and develop the software for automatic doors including Hermetic door, we can also provide the software according to our clients' demand.



Technical data

Operator Size	190(W)X200(H)mm
Clear Passage Width	600 ~ 1500mm
Clear Passage Width	2100 ~ 2600mm
Maximum Opening Force	120Kg
Power Supply	220V± 10%
Rated Power	100W (Single Drive)
Ambient Temperature	-15~55℃
Relative Humidity	≦85%
Operating Noise	≦ 50db

## Curved Slider

**KBB** WORLDWIDE EXPERT OF  
AUTOMATIC DOOR**AUTOMATIC CURVED DOOR**  
PERFECT COMBINATION OF SLIDING DOOR & REVOLVING DOORSIMPLE  
BEST PRICENOBLE  
MAGNIFICENT

Motor - SG80 - 100W



Radar - Infrared

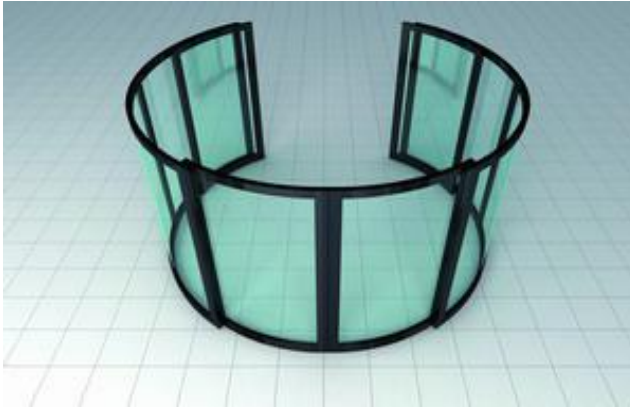


Control Unit - Module Design

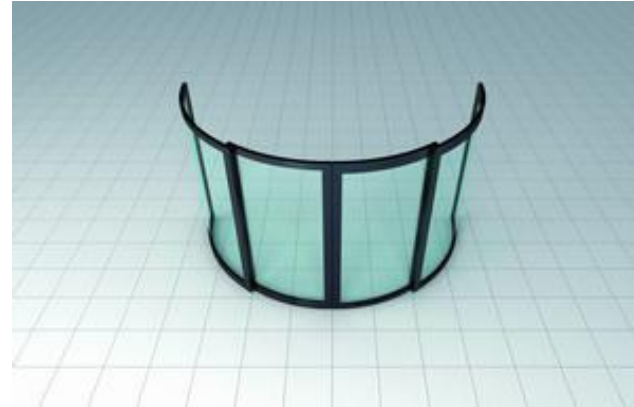
The revolving door and sliding door in one, designed graceful and concisely, that's the KBB automatic curved door with the Model KC1000.

KC1000 is becoming a more and more popular option due to **its outstanding performances**, such as **various appearance**, **multi-function**, **energy-savings** and **environmentally friendly**, it was warmly welcomed by Modern buildings from all around the world.

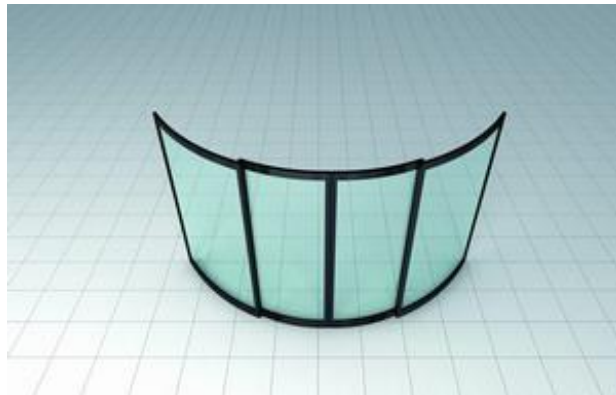
*More types for option*



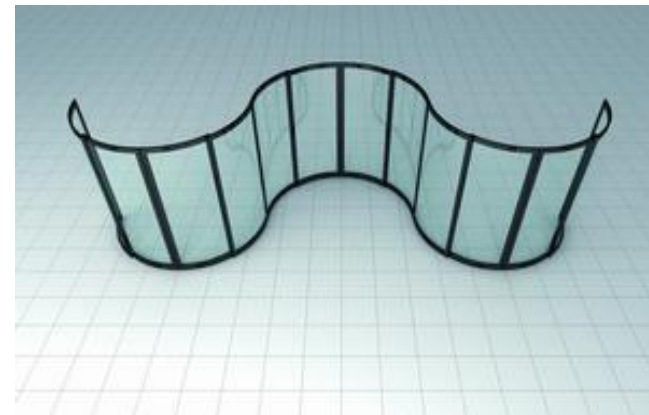
Circular



Semi-circular



Segmental



Combined waved

## Safety features

### 1 .Interlock

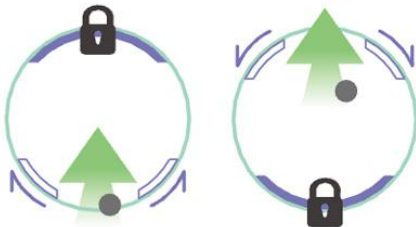
Interlock refers to the status of one door leaf being locked while the other remains open during the curved sliding door's motion.

#### ➤Energy-saving



While the interlock function does not allow for two door leaves to be open at the same time, it is optimal to control the indoor and outdoor air exchange. This contributes to significant energy control and savings for the building.

#### ➤Access control



The Interlock function upgrades a curved door into a security portal through a sophisticated coordination system of switches and sensors. There is a double ID authentication and video analysis systems to prevent restricted access. The interlock system comprehensively ensures safety to the building through its doors.

## Safety features

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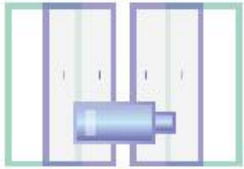
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## Safety features

### **4 .EMG Solution**



When power supply fail, the large capacity UPS can ensure at least 30 minutes normal operation of the door ,make people safe all the time .

### **5. Mobile Phone/Internet Monitoring**



KBB's unique control software can be used to facilitate the management of the door through mobile phones or the internet. With this feature, the operator could monitor the operation status and alarms of the door.

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*Specification*

<b>Power Source</b>	220V $\pm$ 10%, 50/60Hz
<b>Main Fuse</b>	2A
<b>Rated Power</b>	200W (Double Leaves), 100W (Single Leaf)
<b>Maximum Drive Power</b>	150N
<b>Ambient Temperature</b>	-15 ~ 50°C
<b>Opening Speed</b>	0.4~0.7m/s
<b>Closing Speed</b>	0.3~0.6m/s