

KC3000 ATM Security Door

Intelligent Control

1 Intelligent Locking

When the person enters into ATM security door, the door will be locked automatically. Meanwhile the door-opening button from outside will be deactivated. This feature will disable other persons to enter inside.

2 Intelligent Lighting

When ATM security door inspects someone is entering inside, the light will turn on automatically to provide visual convenience for the user.

3 Intelligent Ventilation

When ATM security door inspects someone enters inside, the ventilation system will operate automatically. It will provide a comfortable environment for the user.

Security Features

4 Anti-collision Function

When the door frame meets with resistance, it will return back automatically by using advanced software design. This will ensure the safety of the user going through the door.

5 Anti-pinch Function

Our advance infrared sensor ensures the user to go through the door safely. (Optional)

6 Emergency Open Function

KBB's implemented mechanical emergency open device with exclusive patent will ensure that the door could be opened easily from inside under an emergency situation (including power off). (Optional)



General Presentation

KBB ATM security door KC3000 is a kind of arched automatic sliding door with such functions as below:

Intelligent access control system;

Internal sensering system;

Air exchange system;

Backup battery support;

Panic breakout system when the power is off suddenly.

It can protect the users well when meet various problems by using the ATM machine.

Dimension and Structure

Specifications

Total height	2330mm
Opening width	580mm
Passage height	2050mm
Canopy height	230mm
External diameter	1192mm 1200
Internal diameter	1112mm
Installation foundation internal diameter	739mm
Installation foundation external diameter	947mm
Product weight	300KG
Installation foundation height	50mm
Door overall size	1200mm (L)X1070mm (W)X2330(H)

Technical Parameters

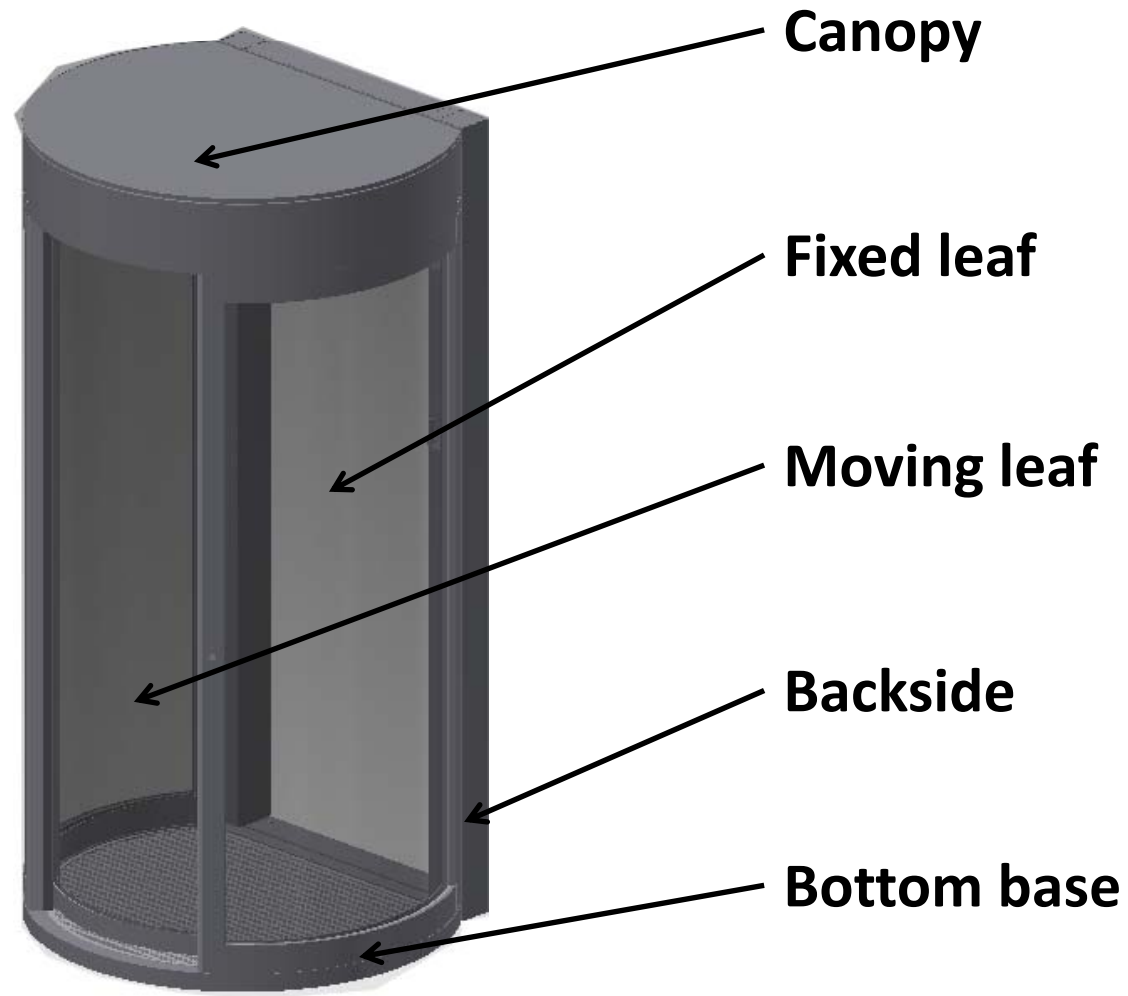
Rated Voltage	220V/AC ±10% 50Hz
Rated Power	120W
Lighting Power	9W
Maximum Driving Force	150N
Opening Speed	0.16-0.46 m/s
Closing Speed	0.11-0.24 m/s
Keeping Opening Time	0 -10s
Night Keep Opening Time	0 -30s (standard: 7s)

Basic Structure

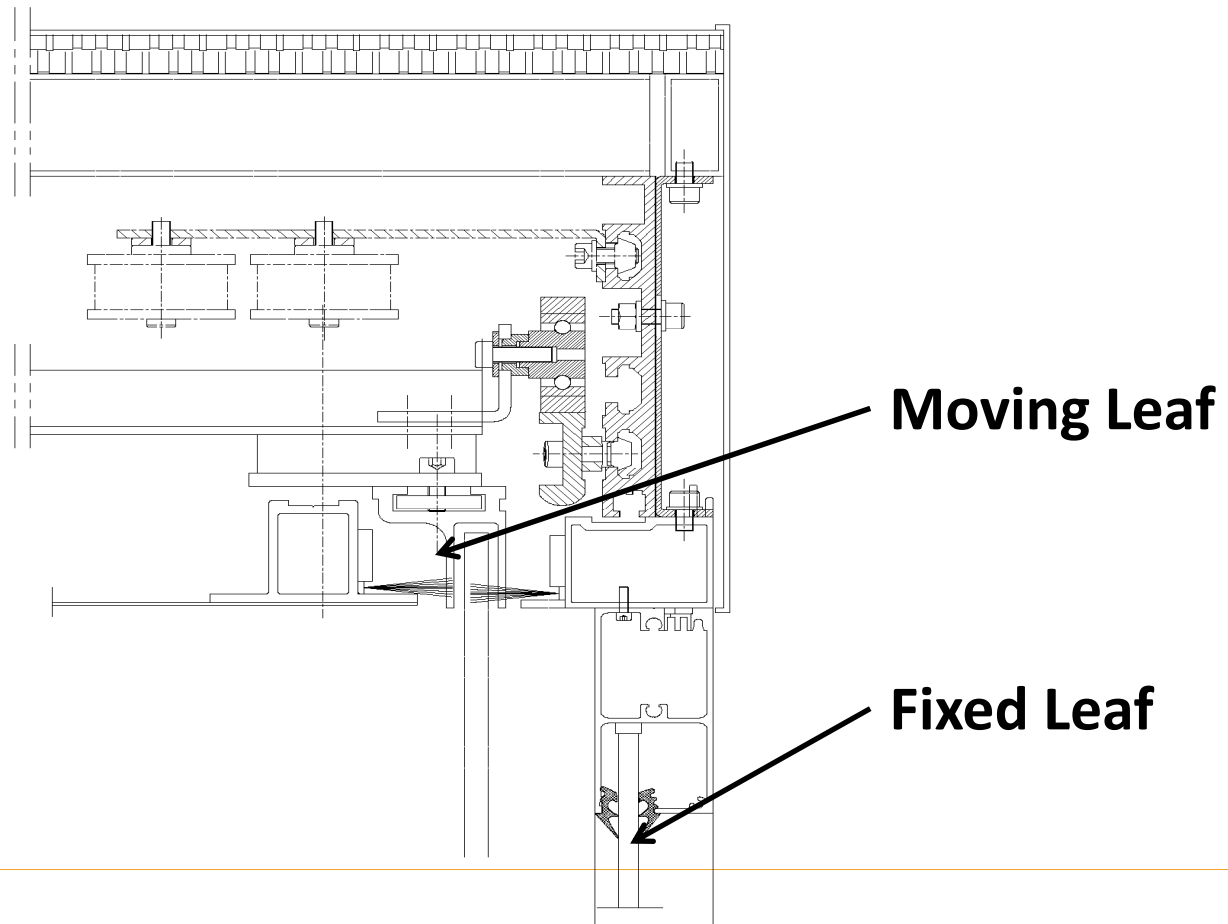
The Main Parts :

- 1.Backside base
- 2.Moved&Fixed leafs
- 3.Bottom base
- 4.Canopy

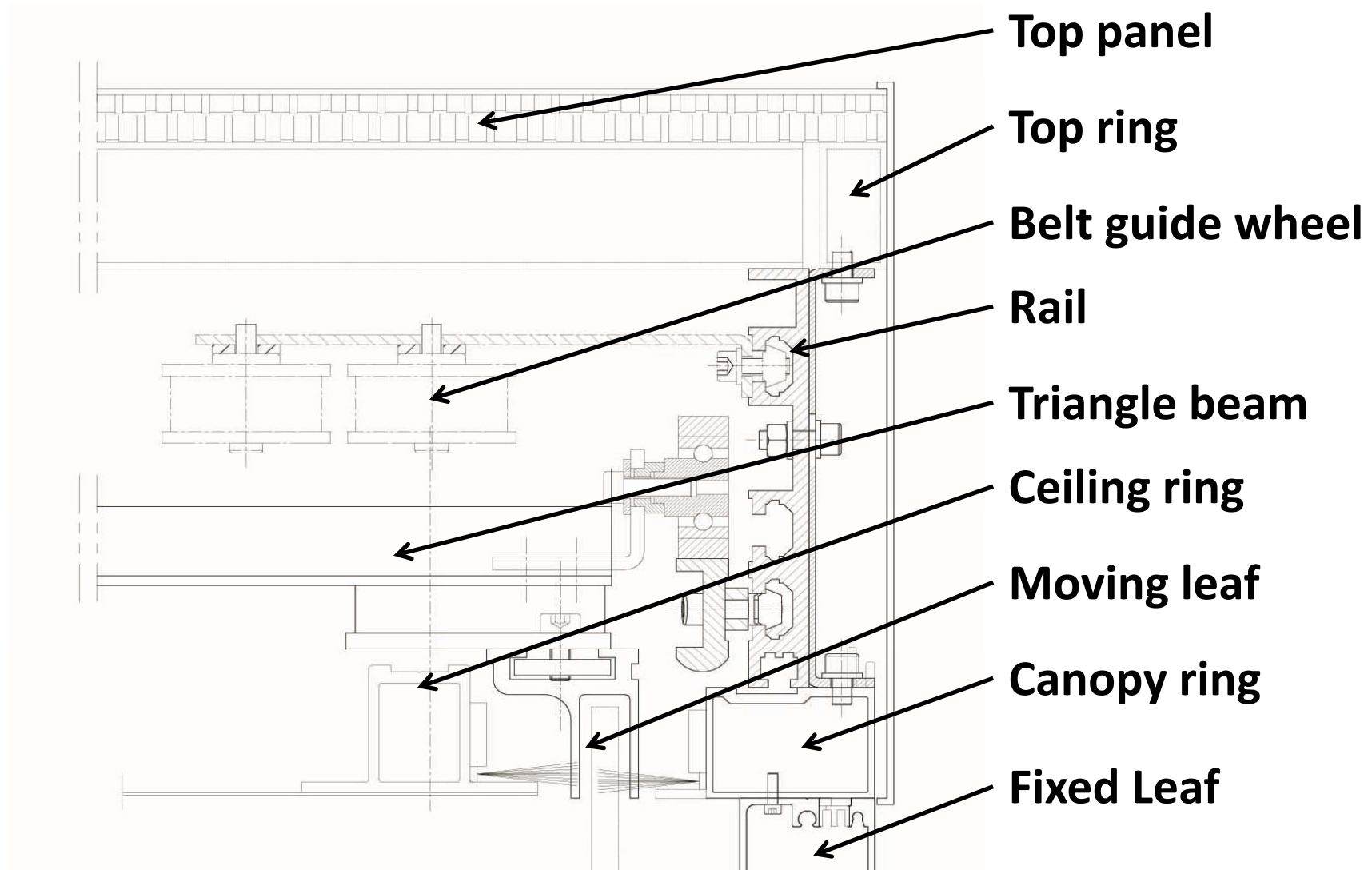
General Structure



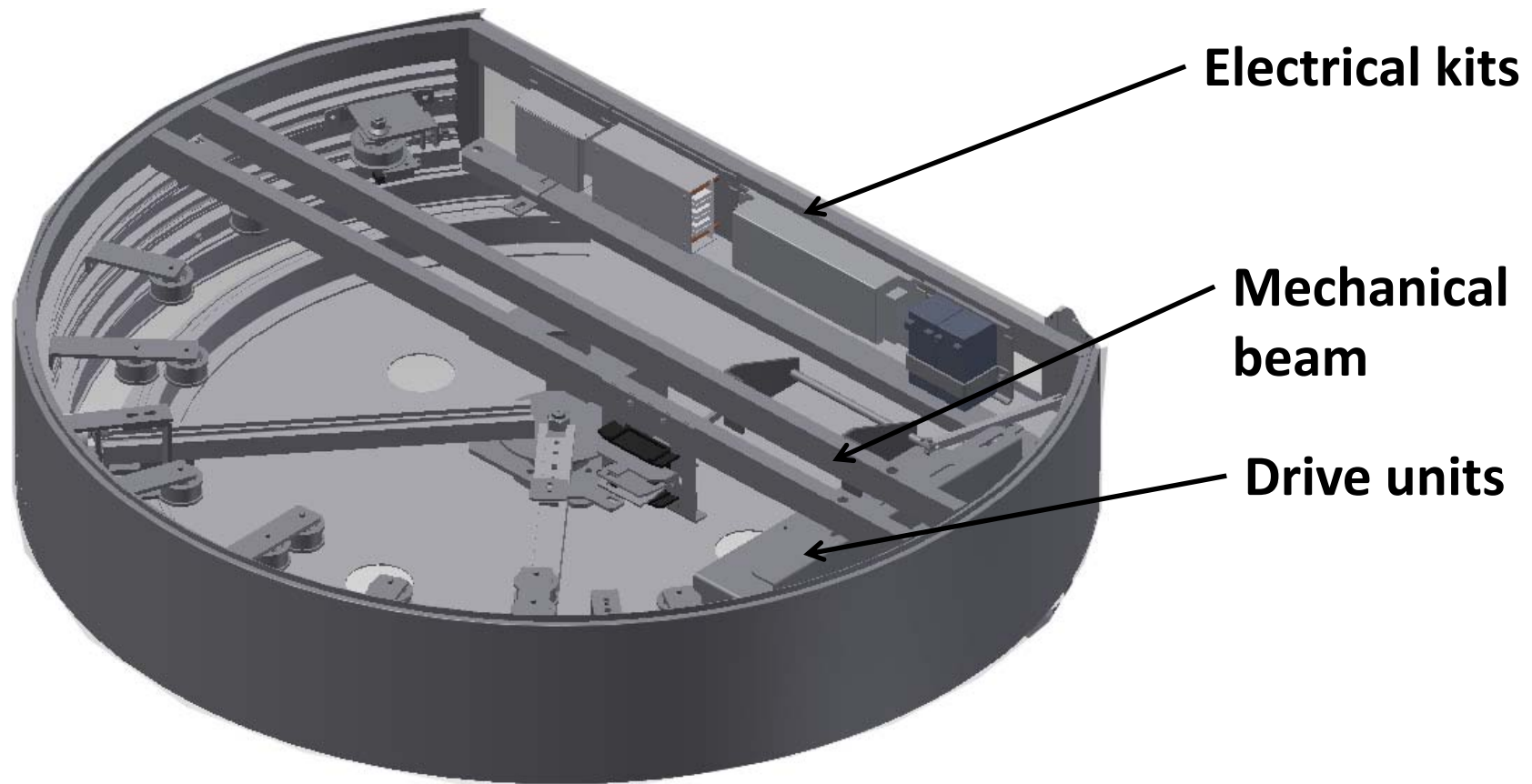
Moving&Fixed Leafs



Canopy Cross Sections



Canopy

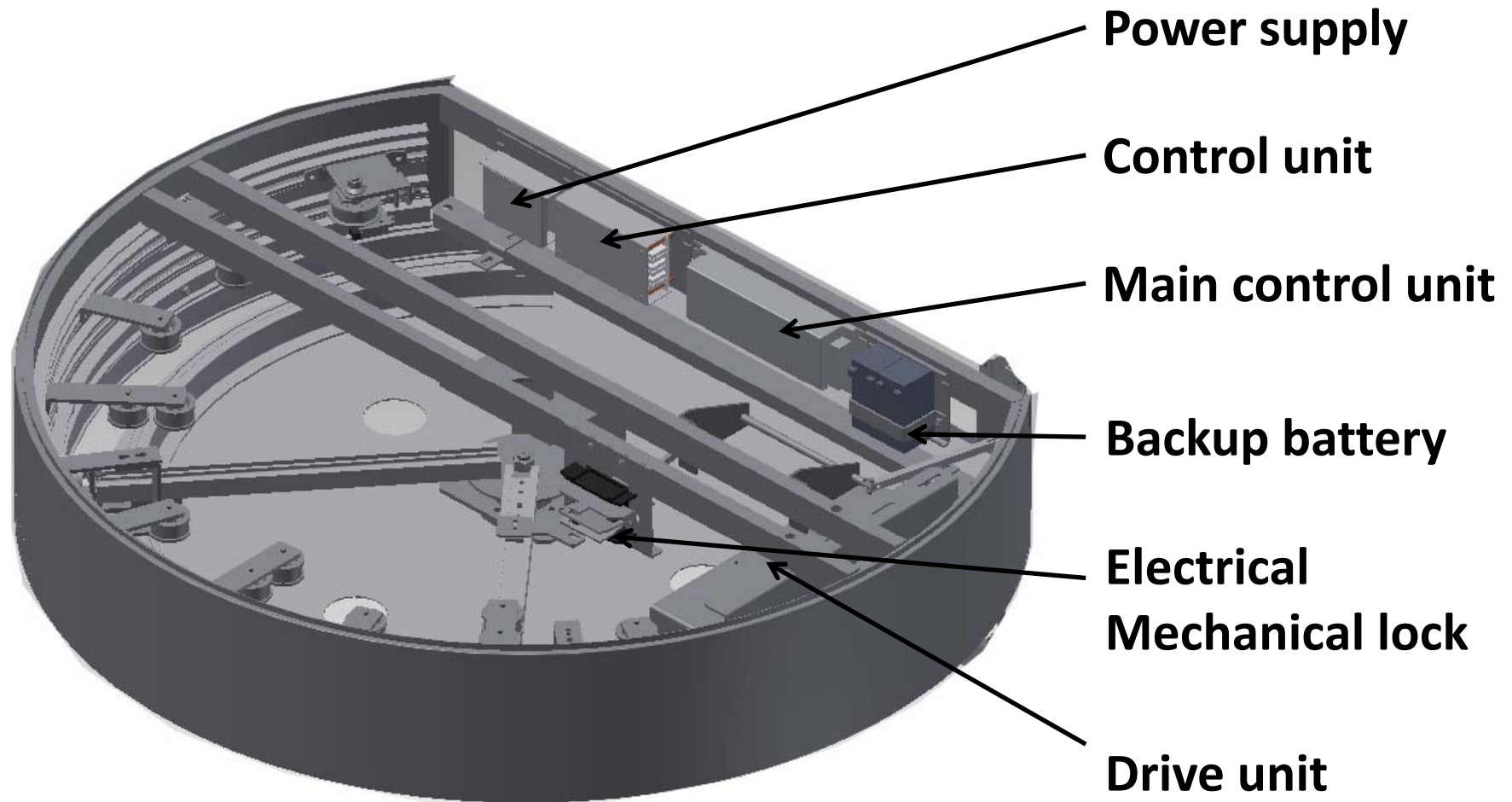


Electrical kits

Main Electrical kits :

1. Main control units
2. Control units
3. Power supply
4. Backup battery
5. Electrical Mechanical lock
6. Drive unit
7. Air exchange system
8. Ceiling light
9. Sensering system
10. Buttons for In&Out
11. Various lines&component parts

Electrical kits presentation



Operation

We open and design this door by the principle of usage briefly and practically.

On the fixed leaf of right side, there is a button for in.

When we press this button, the door will be open. After we enter into the door, the radar will be actived and activate the systems of air-change and ceiling light. Meanwhile, the door will be locked. At this time, we cannot open the door by the button outside any more. It will protect the users effectively.

When we press the button in the door, the door will be unlocked and open.

After we go out of the door, the radar will be actived to stop the systems of air-exchange and ceiling light.

At last the door will be closed.

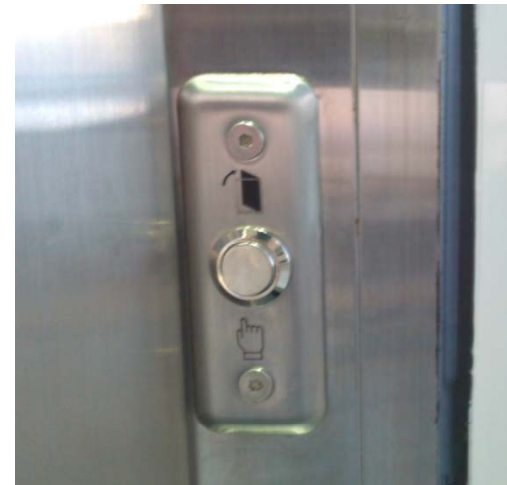
Panic Breakout Presentation

KC3000 has panic breakout function.

There is a handle under the button in the door.

When the door is out of power suddenly and cannot be open by the sensitive radar, we can unlock the door by the handle mechanically.

Pictures I



Pictures II

