



METAXDOOR M-COM

Multi Function Automatic Revolving Door



Revolving Doors



Sliding Doors



Swing Doors





M-COM Multi Function Automatic
Revolving Door



Night Shield

*You Dream,
We Build*

Metaxdoor M-COM is a multi-functional entrance system providing multiple operating combinations, desired in main entrances.



METAXDOOR M-COM is the most popular and functional entrance system for high traffic buildings such as shopping malls, hospitals, airports, hotels, in which users carry high volume equipments such as luggage, stretcher, shopping cart, enter and exit with these equipments.

Along with being the most desired door system to relieve the entrance traffic, **METAXDOOR** M-COM can be used as a revolving door and a sliding door upon demand. It also possesses the night shield system on locked position, as a result of its structural design, which is an optional feature in other doors.





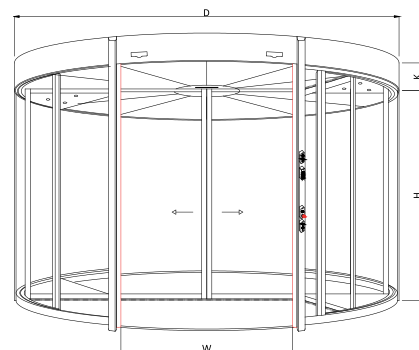
D	H	C	W	W1	D1	D2
3400	2100-2200	310	1500	1440	3366	3306
3600	2100-2200	310	1600	1540	3566	3506
3800	2100-2200	310	1700	1640	3766	3706
4000	2100-2200	310	1800	1740	3966	3906
4200	2100-2200	310	1900	1840	4166	4106
4400	2100-2200	310	2000	1940	4366	4306
4600	2100-2200	310	2090	2040	4566	4506
4800	2100-2200	310	2190	2140	4766	4706
5000	2100-2200	310	2290	2240	4966	4906
5200	2100-2200	310	2390	2340	5166	5106
5400	2100-2200	310	2490	2440	5366	5306

* Dimensions are in millimeters.

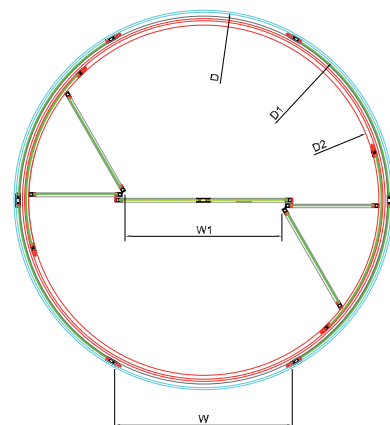
** Special dimensions are available upon request.

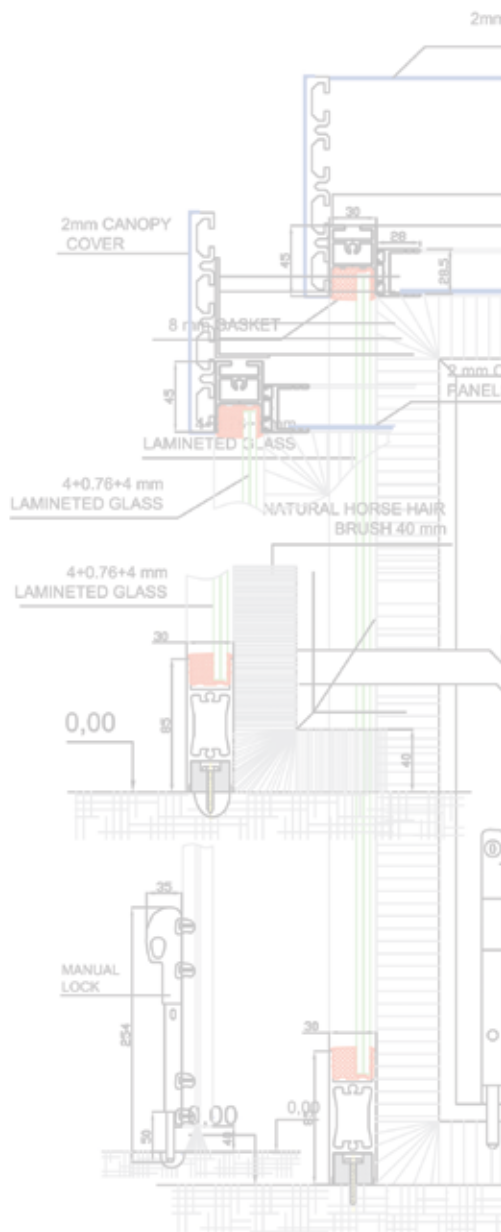
*** Dimensions are for information purposes only and are subject to change upon static requirements.

**** W dimensions are approximate values.



D: Outer Canopy Diameter
D1: Outer Ground Diameter
D2: Inner Diameter
W: Passage Width
W1: Sliding Door Passage Width
H: Passage Height
C: Canopy Height





Technical Specifications (for EN 16005)

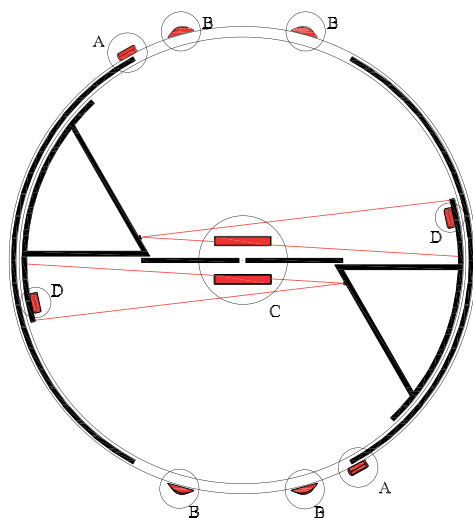
Supply	220 V AC / 50-60 Hz	
Motor	UniMASTER AC Motor	
Ambient Temperature	-20 °C - +55 °C	
Drum Walls, Curved Glasses	Standard	4 + 4 Laminated Glasses
Drum Walls, Sheet Metal Panelling	Optional	
Door Leaves, Glasses	Standard	4 + 4 mm Laminated Glasses
Showcase	Two Triangle Openable Showcases	
Disabled Passage System	Standard	
Halogen Spot Light	Optional	
LED Spot Light Cool White/Warm Daylight	Standard	
Electromagnetic Motor Lock	Standard	
Hand Safety Pneumatic	Standard	
Curtain Safety Sensor	Optional	
Late Entry Safety Sensor	Standard	
Sequential Stepped Safety Sensor	Standard	
Anodized Finish	Standard	
Electrostatic Powder Coating / Standard RAL	Standard	
Stainless Steel Cladding	Optional	
Floor Mat	Optional	
Floor Ring	Standard	
Waterproof Ceiling	Optional	
Breakout Mechanism	Optional	
Automatic Sliding Door	Standard	
Microwave Radar	Standard	
Summer Mode	Standard	
Continuous Slow Mode	Standard	
Night Mode	Standard	
Circular Air Curtain	Optional	

* Contact for special requests upon project basis.

** Some specifications are not available for static requirements.

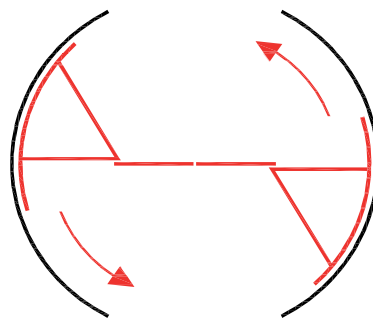
*** Contact for detailed information.

Safety Equipments

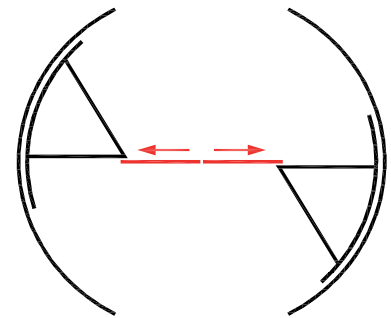


- A) Vertical Scanner Sensors
- B) Activation Radars
- C) Sliding Door Combined Sensors
- D) Sequential Stepped Safety Sensors

Operation Modes



Revolving Door Mode



Sliding Door Mode



Activation

Metaxdoor revolving doors give high flexibility to users with wide range of activation alternatives provided.

Various activation options such as radar, code panel, card reader, touchless sensor switch, elbow button, fingerprint reader, remote control, etc. are manufactured to work compatible with the system. These options provide you with an entrance control free of problems.



Disabled Passage

Disabled passage system consists of a button and the systems connected to this button. When the system is activated, rotation speed of the leaves decreases so that an easier and smoother access can be provided for disabled or elderly people.

This system can be applied on the fixed drums as a standard feature and it also can be applied according to the buildings' architectural design optionally.

Safety Package

Metaxdoor revolving door systems provide you with complete protection against any and all



incidents by the flawless safety system they possess.

With the vertical safety edges placed on the rotating direction of the moving leaves and the vertical scanner sensors, which are placed on the canopy positioned as the rotation direction of the leaves, any kind of jam between the leaves and the fixed frames are out of question.

Sequential stepped safety is used to provide safety inside the door. System consists of 2 sequential safety sets; detection of first set slows down the door and second set stops the movement. Addition to these steps safety edges placed under the leaves complete inside door safety.

Combined safety and activation sensors positioned inside the canopy for automatic sliding door, prevents any object to jam between sliding leaves and enables the sliding door to work safely.

Hardware Specifications



Glasses

As standard; 4+4mm curved laminated glasses are used on fixed drums and 8 mm tempered glasses are used on the moving leaves. 5+5 mm curved laminated and 10 mm tempered glasses can also be used upon demand. Providing these qualities and dimensions, any kind of colour and coloured reflected glasses can be used as options on the system. Glasses are protected from outside effects by glass seals.



Mechanism

Metaxdoor revolving door systems' canopies are manufactured as modular; made of only aluminium alloy and without any kind of welding.

Motor and controller units are designed specially for revolving door systems, within our research and development facilities and in cooperation with top European companies. These systems are manufactured to far exceed your expectations.

Emergency System

Metaxdoor revolving doors have an emergency stop system. It consists of a button and



system connected to this button. In case of an emergency when this button is pushed the door stops immediately. Automatic versions can be used as manual by this system. In some cases this is a preferred system as it provides the user with the flexibility of using the door both automatic and manual.

Leaves

Everything is assembled seamlessly and smoothly by the unique designed frame profiles and natural horse hair brushes surrounding the frame in the leaves of Metaxdoor revolving door systems. With this harmony; air, dust and noise insulation is maximized. The unique design used in the profiles provides Metaxdoor revolving door systems with toughness along with an extremely chic look.

PLC CONTROL

01



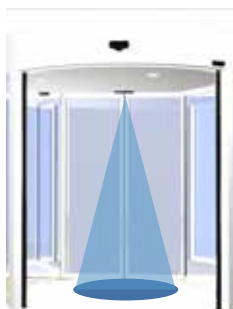
Air Curtain

02



Photocell Radar

03



Radar

04



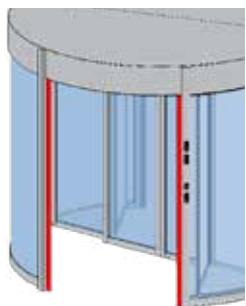
Late Entry Safety Sensor

05



Hand Safety Edge

06

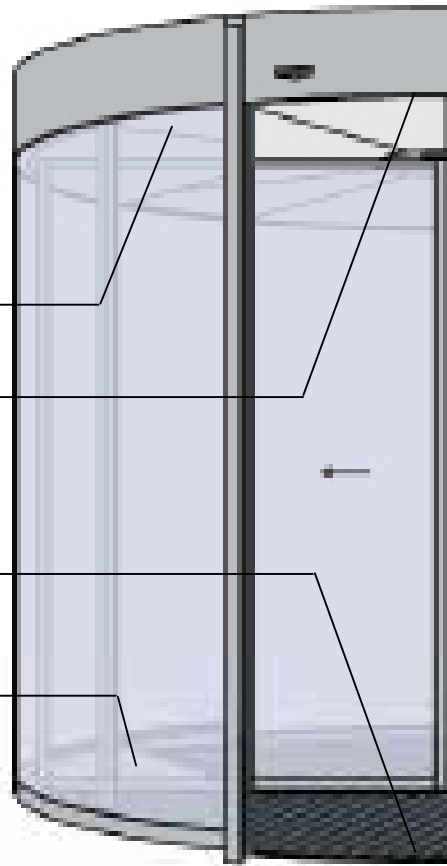


01

02

07

08



05

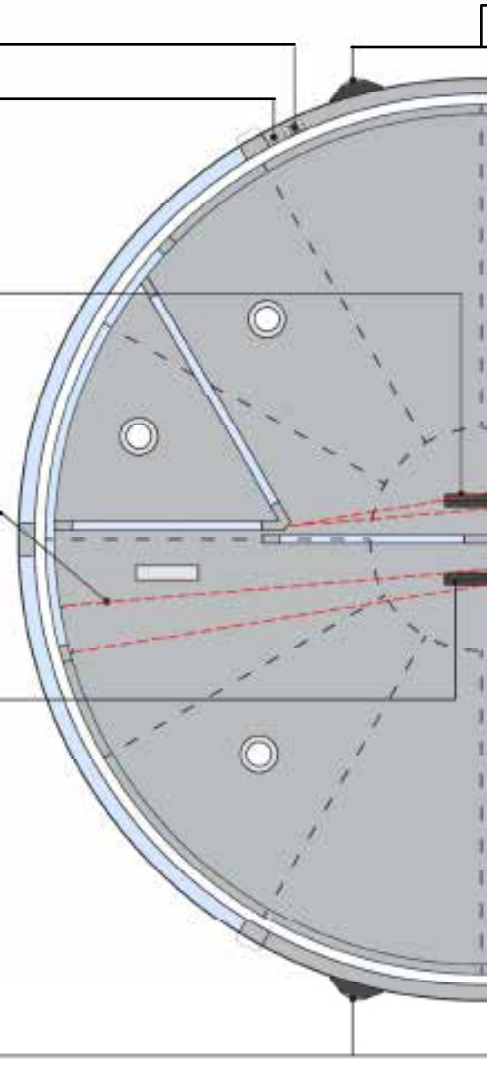
06

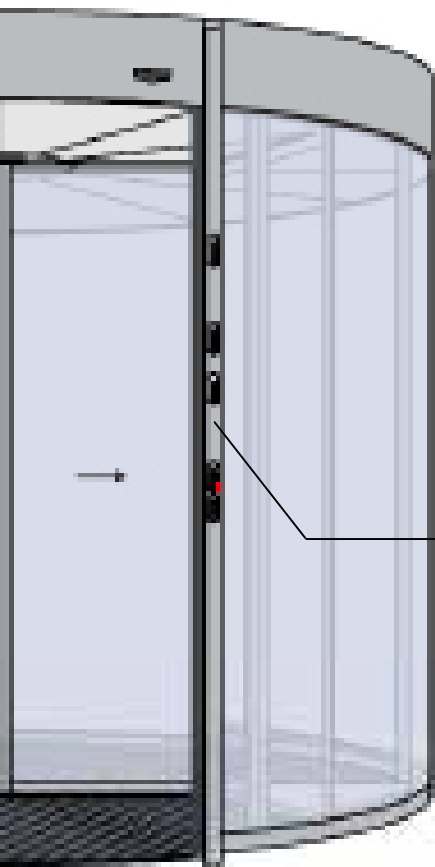
03

08

03

04





Ethernet Switch



Clean Switch



Position Switch

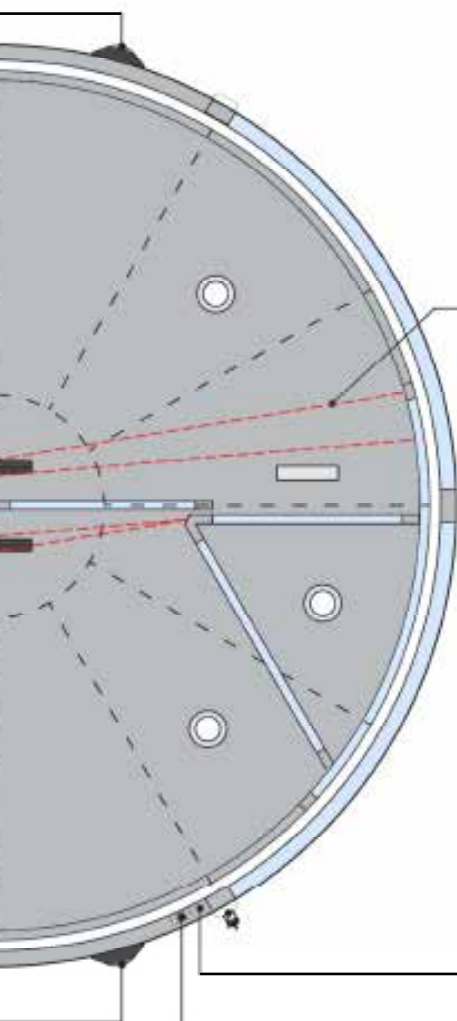


Emergency Button



Disabled Access and Spot On/Off

04



08

06

05

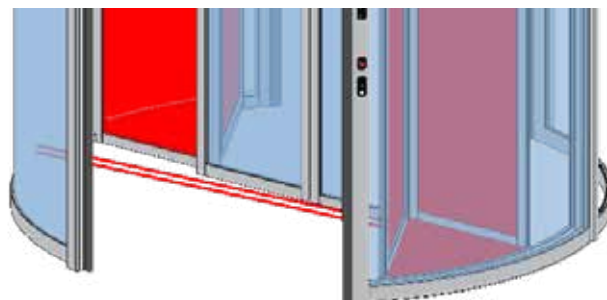
Floor Mat

07



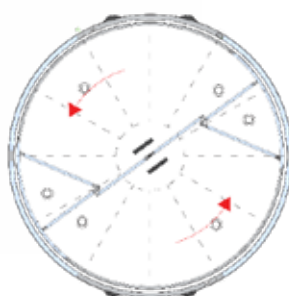
Showcase and Safety Sensor

08



STANDARDS

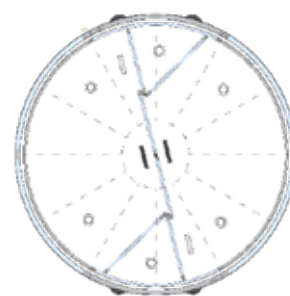
DIN 18650-1:2010	BS 7036-1:1996
DIN 18650-2:2010	BS 7036-5:1996
EN ISO 13849-1:2008	EN 16005:2012
EN 60335-1:2012	



Automatic Revolving Door Mode



Automatic Sliding Door Mode



Close (Night Shield) Mode

Safety instructions



Do not push the wings



Do not run through the revolving door



Do not play in the revolving door



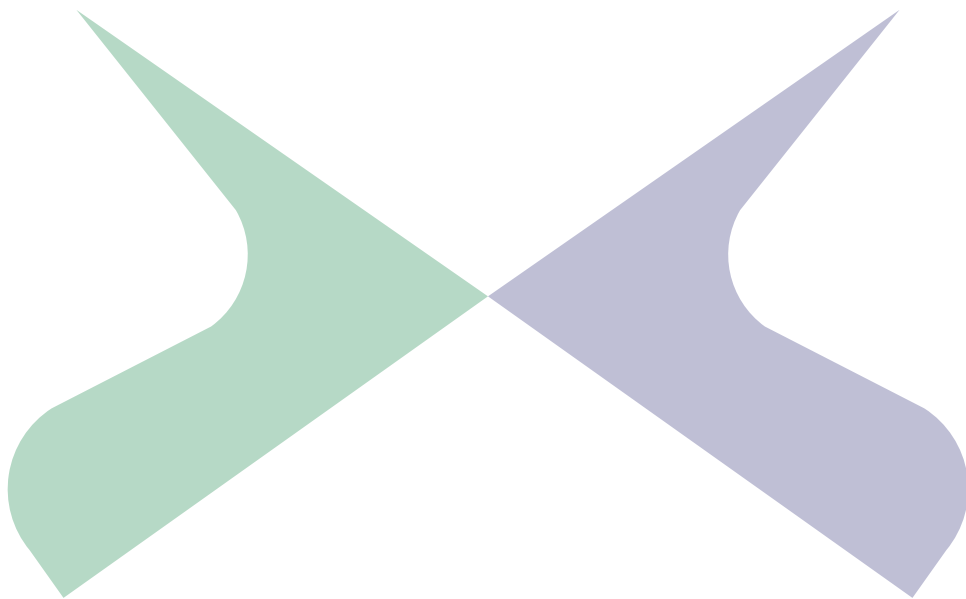
Please assist those less able such as the elderly



Children should not be left unsupervise when using doors

NOTES

A line drawing of a round dining table. The table has a thick, solid top and four legs. The legs are positioned at the corners of a square, with the front legs being slightly angled outwards. The table is shown from a three-quarter perspective, highlighting its circular shape and the thickness of the top.



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