



METAXDOOR MR30/SA
Standard Automatic Revolving Door



Revolving Doors



Sliding Doors



Swing Doors





4-Leaf-Automatic Revolving Door



3-Leaf-Automatic Revolving Door



Night Shield



Bookfold Mechanism (break-out)

*You Dream,
We Build*

Thermal insulation, chic design, smooth entrance and versatility... If these are what you are looking for in an entrance, **METAXDOOR MR30/SA** is made for you.



METAXDOOR MR30/SA Standard Automatic Revolving door provides you with various of insulated and energy efficient entrance alternatives with its versatility. Furthermore, MR30/SA completes your building's exterior design with its stylish nature.

METAXDOOR MR30/SA also provides you with smooth entrance and reliable performance with the best available mechanism.

METAXDOOR MR30/SA gives you a combination of aluminium, glass, slim profiles and insulation materials that meet energy efficiency and a smooth entrance to satisfy all your demands. The chic design meets versatility to enrich your building's exterior. Its reliable performance with thermal and noise insulation makes it even more useful.



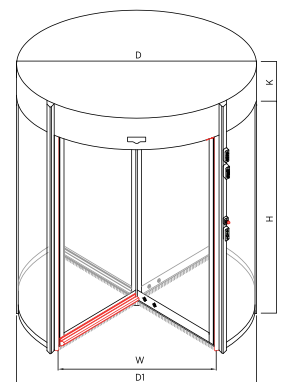


D	D1	D2	W/3	W/4	H	K
2000	1966	1906	860	1270	2100-2400	250-300
2200	2166	2106	960	1410	2100-2400	250-300
2400	2366	2306	1060	1550	2100-2400	250-300
2600	2566	2506	1160	1690	2100-2400	250-300
2800	2766	2706	1260	1830	2100-2400	250-300
3000	2966	2906	1360	1970	2100-2400	250-300
3200	3166	3106	1450	2110	2100-2400	250-300
3400	3366	3306	1560	2320	2100-2400	250-300
3600	3566	3506	1660	2460	2100-2400	250-300
3800	3766	3706	1760	2500	2100-2400	250-300

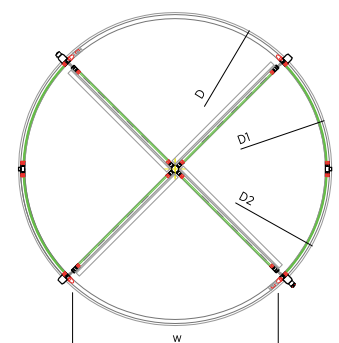
* Dimensions are in millimeters.

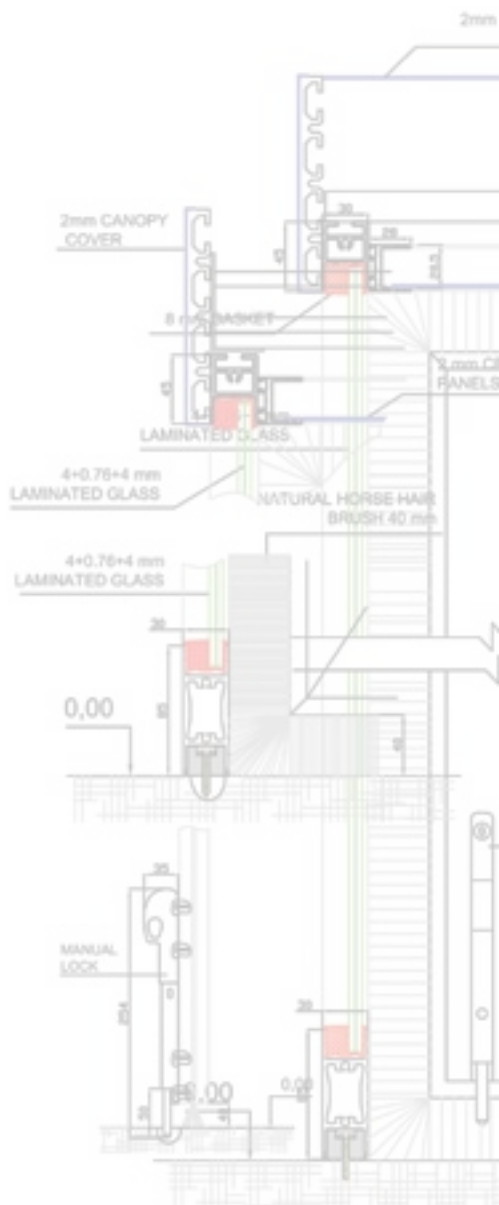
** Special dimensions are available upon request.

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



D: Outer Canopy Diameter
D1: Outer Ground Diameter
D2: Inner Diameter
W: Passage Width
H: Passage Height
K: Canopy Height





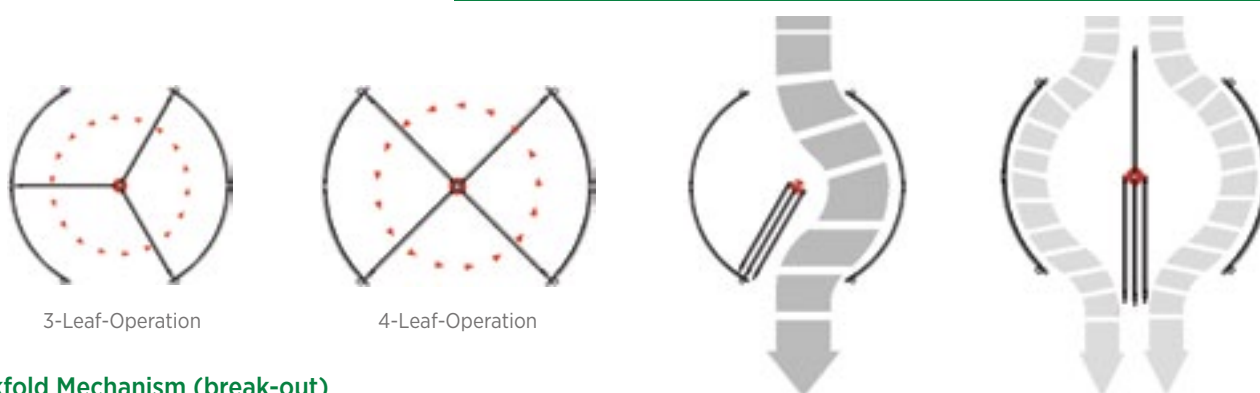
Technical Specifications		
Supply	220 V AC / 50-60 Hz	
Motor	UniMASTER AC Motor	
Ambient Temperature	-20 °C - +55 °C	
Drum Walls, Curved Glasses	Standard	4 + 4 mm Laminated Glasses
Drum Walls, Sheet Metal Panelling		Optional
Door Leaves, Glasses	Standard	8 mm Tempered Glasses
Door Handles Vertical Stainless Steel 70 cm		Optional
Disabled Passage System	Standard	
Halogen Spot Light		Optional
LED Spot Light Cool White/Warm Daylight	Standard	
Electromagnetic Motor Lock	Standard	
Hand Safety Pneumatic	Standard	
Heel Safety Pneumatic	Standard	
Curtain Safety Sensor	Standard	
Late Entry Safety Sensor	Standard	
Anodized Finish	Standard	
Electrostatic Powder Coating / Standard RAL	Standard	
Stainless Steel Cladding		Optional
Floor Mat		Optional
Floor Ring		Optional
Waterproof Ceiling		Optional
Night Shield		Optional
Breakout Mechanism		Optional
Push & Go System	Standard	
Underground Mechanism		Optional
Microwave Radar	Standard	
Summer Mode	Standard	
Continuous Slow Mode	Standard	
Night Mode	Standard	
Circular Air Curtain		Optional
Manual Lock		Optional
Espagnolette Lock		Optional

* Contact for special requests upon project basis.

** Some specifications are not available for static requirements.

*** Bookfold mechanism is not available for underground mechanism.

**** Contact for detailed information.



Bookfold Mechanism (break-out)

Bookfold mechanism can be applied to automatic revolving doors. This system which can be applied to both 3 or 4 leaf versions makes the leaves to book fold in case enough power is applied to the leaf. This system, also known as break-out system, is activated by pushing the door leaves hard in case of an emergency. The leaves folding around the central shaft, leaves a clear and empty passage to outside. Bookfold mechanism works as described below.

When the mechanism is activated and the leaves bookfold around the shaft, sensors on the leaf axle sense the movement; once this movement is sensed the motor stops immediately and the rotation halts. Door continues its normal movement when the leaves are retrieved to the original position.

This system provides rapid evacuation of the building. Besides, this can also be used in day time upon demand to enable manual usage of the door. This is a function preferred especially in shopping malls, hospitals, etc.

Hardware Specifications



Activation

Metaxdoor revolving doors provide users with a wide range of activation alternatives.

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 old 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. Also break-out system which is called bookfold mechanism can be applied to the door on demand.



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 and positioned as the rotation direction of the leaves; any kind of jam between the leaves and the fixed drums are out of question.

Inside the door there are horizontal safety edges placed under the leaves to the rotation direction. These safety edges stop the door with the slightest contact and prevent people inside the door from getting harmed. The curtain safety sensors can be installed inside the door depending upon project requirements. These systems are positioned on top of the leaves, on the rotation direction and scan area of leaves' movement. These sensors stop the door if any object is on the leaves' way before the object makes contact with the leaf.

Hardware Specifications



Glasses

As standard; 4+4 mm 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.



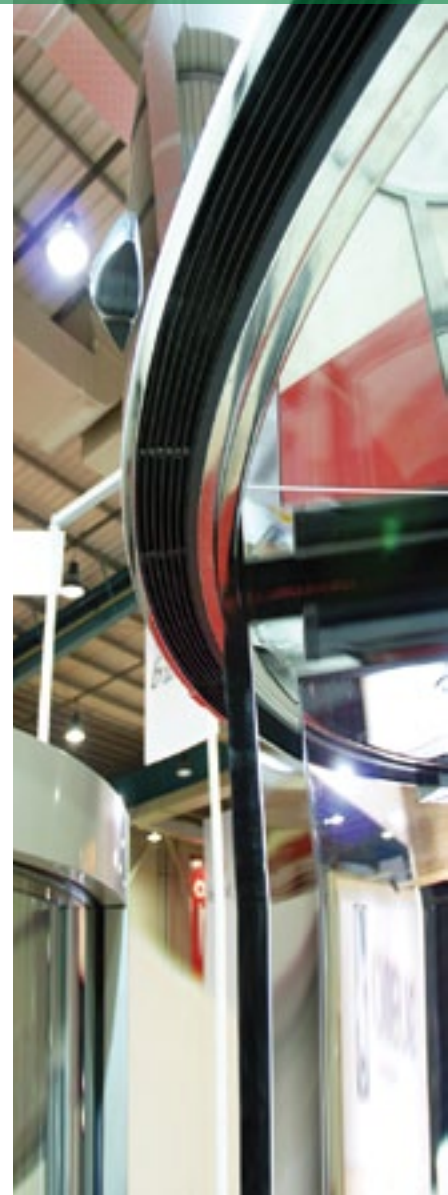
Mechanism

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 with 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

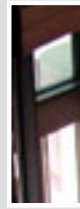
01



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	

Water



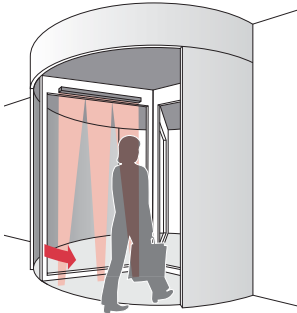
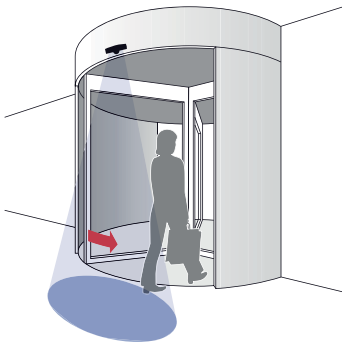
02



Radar

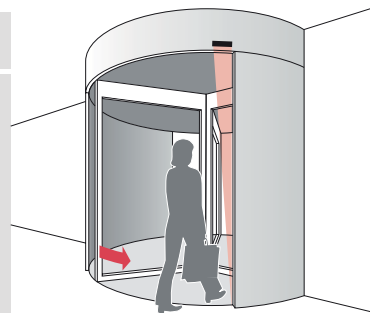


Curtain Safety Sensor



Late Entry Safety Sensor

03



Heel Safety Edge

04



01

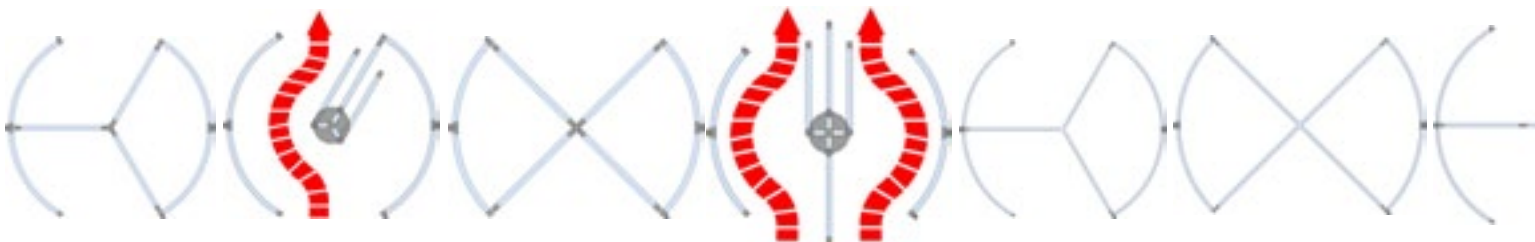
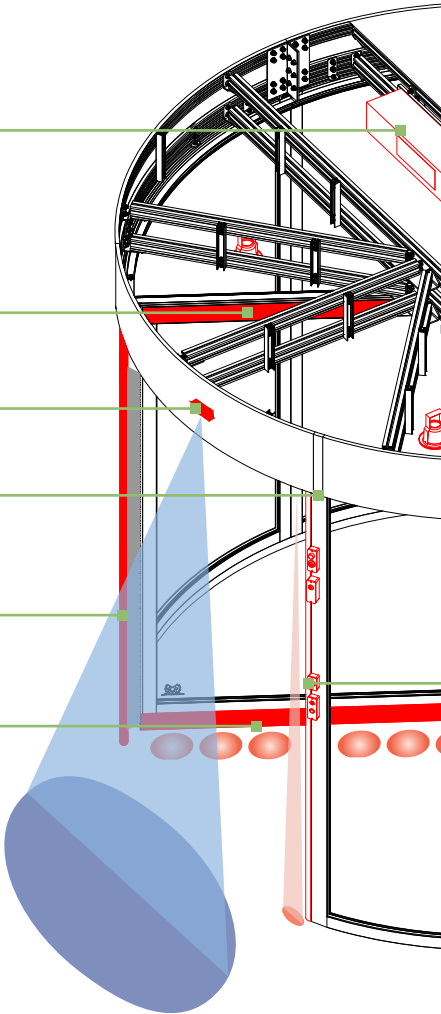
02

02

03

04

04



proof Ceiling 05



Air Curtain 06



Glasses 07



Night Shield 08



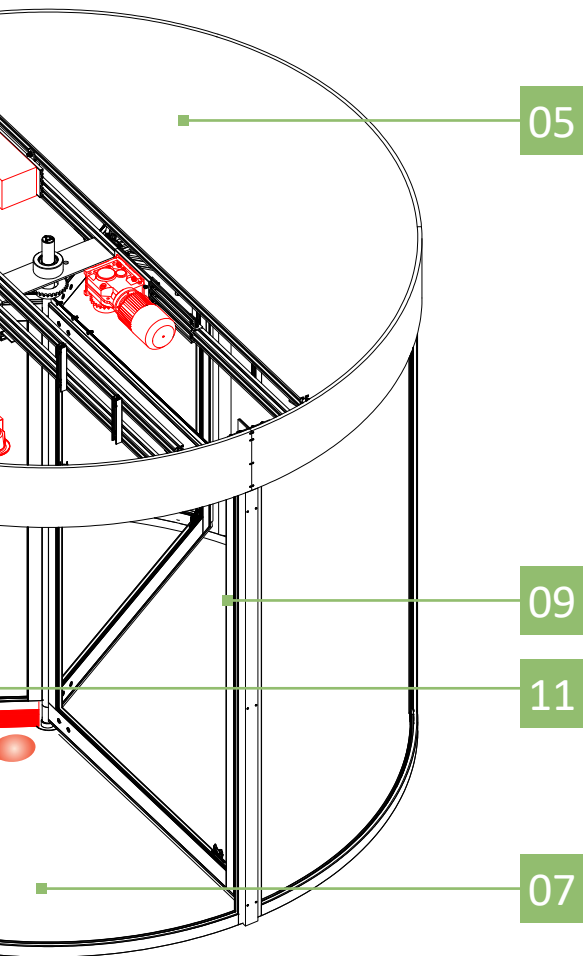
Espagnolette Lock 09



Touch Panel 10



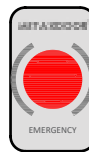
Emergency Stop 11



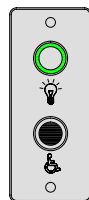
Ethernet Switch



Position Switch



Emergency Button



Disabled Access and Spot On/Off



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

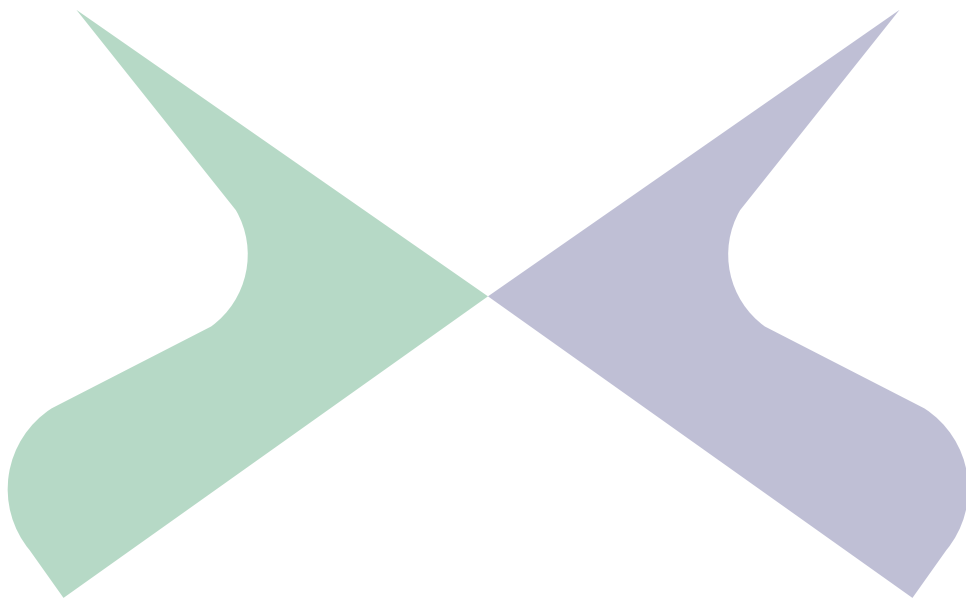


Children should not be left unsupervised when using doors

NOTES

Area for handwritten notes, consisting of multiple horizontal dotted lines.





www.METAXDOOR.DE



HTM METAXDOOR GmbH
Bredeneyer Str. 2b 45133 Essen
Tel : 0201 4517-322 • Fax: 0201 4517-323
www.metaxdoor.de • info@metaxdoor.de

© HTM METAXDOOR GmbH all rights reserved. | Ver.15.02.18.MR30SAEN.UK.05

