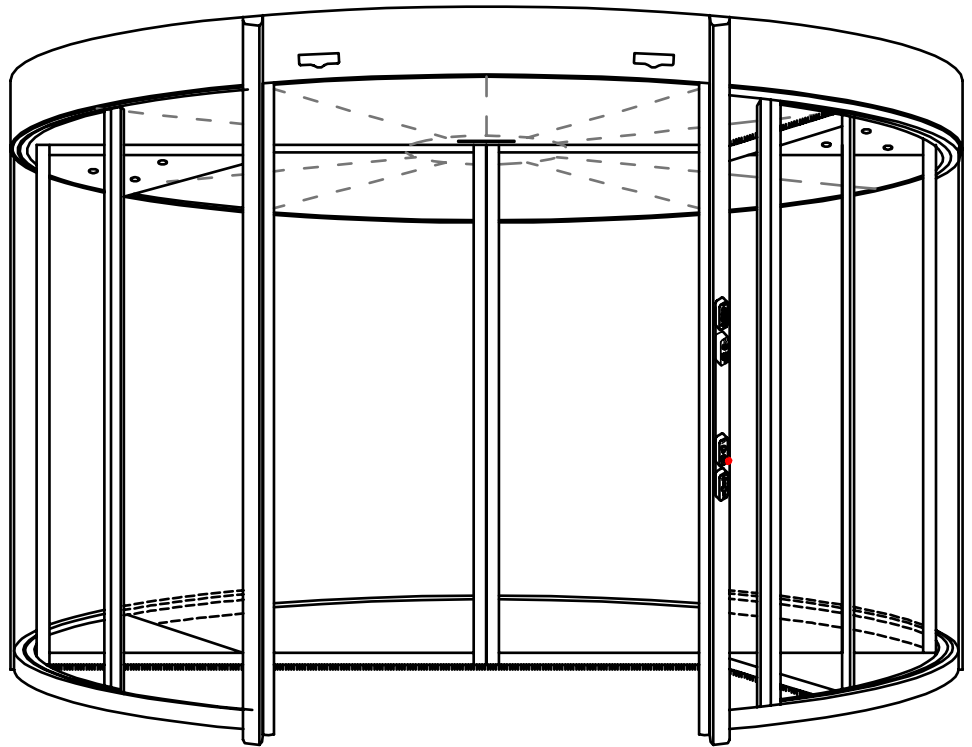


TECHNICAL SPECIFICATIONS



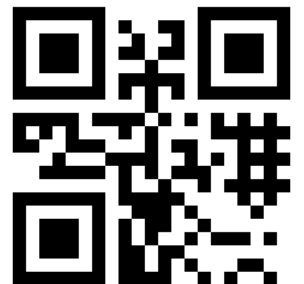
MCOM *Multifunctional Automatic Revolving Doors*

Ver.01.01.18.M-COM.
UKK.1.ENG

M-COM works with the principle of the ceiling rotating completely. By this it can be installed around a column or a similar structure. Breakout mechanism, to be used in case of emergency, can also be applied to the system.

 **TÜVRheinland®**
Genau. Richtig.

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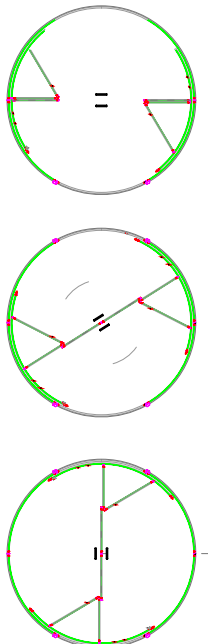


Multifunctional Automatic Revolving Doors

METAXDOOR M-COM is designed for entrances where other revolving doors are insufficient to offer solutions. The system, with a two-leaf construction and a sliding door applied in the middle, enables very large objects to pass through revolving door.

M-COM, which can be manufactured with or without showcase, have **METAXDOOR's** self approved Uni-MASTER automation system and an above standards safety system.

| Technical Specifications | Standard |
|--------------------------|--|
| Motor | AC 0,25 kw 1400 rpm 50-60 Hz |
| Control Unit | Uni-Master |
| Leaf Profiles | Aluminium extrusion |
| Canopy | Aluminium modular design |
| Passage Height | 2100 - 2400 mm |
| Diameter | 3400 - 4600 mm |
| Number of Leaves | 2 |
| Leaf Glazing | 8 mm tempered glasses |
| Drum Glazing | 4+0, 76+4 mm laminated glasses |
| Insulation | EPDM gasket and horsehair brushes |
| Activation | 6 pieces infrared radar |
| Lighting | 6 pieces Spot Light |
| Surface Finish | Natural matt anodized or standart electrostatic powder coating |
| Vertical Hand Safety | In entrance, outside and inside |
| Locking | Electromagnetic motor lock |



METAXDOOR M-COM works with the principle of the ceiling rotating completely. By this it can be installed around a column or a similar structure. Breakout mechanism, to be used in case of emergency, can also be applied to the system

M-COM Options:

- Customizable diameter, design and function

| Optional Features | Optional Features |
|-------------------|-----------------------|
| | Breakout System |
| | Air Curtain |
| | Water Drainage |
| | Stainless-steel Cover |
| | Floor Ring and Mat |
| | Touch Panel |

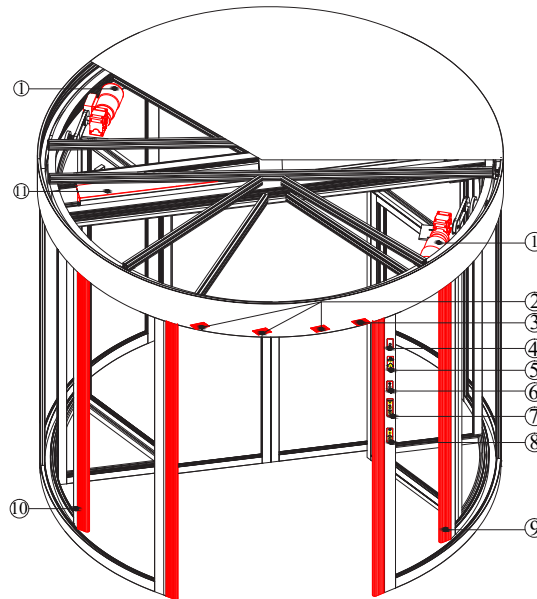
1- MOTOR; asynchronous motor rated at 0,37 Kw, 1380 rpm, 50-60 Hz and equipped with helical bevel gearbox and current operated brake.

2- Vertical SpotScan Sensors; activation sensor that detects the motion inside and outside of the door.

3- Vertical SpotScan Sensor; safety sensor that prevents people from getting stuck between the leaves and fixed drums.

4- Emergency Exit Button; when the button is pushed, the revolving door moves to the closest origin position, opens the sliding door and safe exit is provided.

5- Mode Selector; used for selecting operation mode.



6- Emergency Stop Button; When it is pressed it stops the door immediately

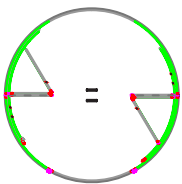
7-Clean Mode; When button is pressed, the door will stop automatically. As long as the pressed the door moves.

8- Light and Disabled Button; The light button is used for lighting and the disabled button is used for disabled person to slow down the rotating speed.

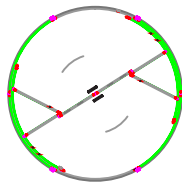
9- Vertical Hand Safety; This is the safety rubber that prevents to be stuck in both of direction when the door is rotating.

10-Heel Slowing Down Sensor; This is infrared sensor with emitter-receiver. They make it slow in heel level. If the motion goes on they make it stop.

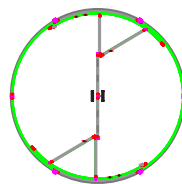
11-Sliding Door Mechanism; All sliding door requirements are replaced in the mechanism.



Sliding Mode



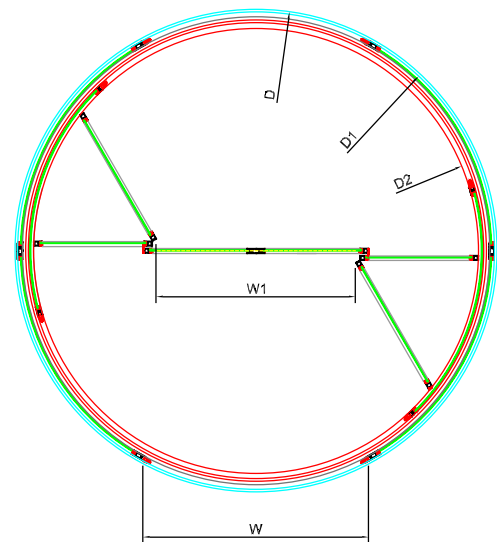
Revolving Mode



Night Shield Mode

Diameter Value

| D (mm) | D1 (mm) | D2 (mm) | W (mm) |
|--------|---------|---------|--------|
| 3400 | 3366 | 3306 | 1590 |
| 3600 | 3566 | 3506 | 1690 |
| 3800 | 3766 | 3706 | 1790 |
| 4000 | 3966 | 3906 | 1890 |
| 4200 | 4166 | 4106 | 1990 |
| 4400 | 4366 | 4306 | 2090 |
| 4600 | 4566 | 4506 | 2190 |



**D : Outer diameter *D2: Floor inner diameter *W: Passage (mm) *D1: Floor outer diameter*

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