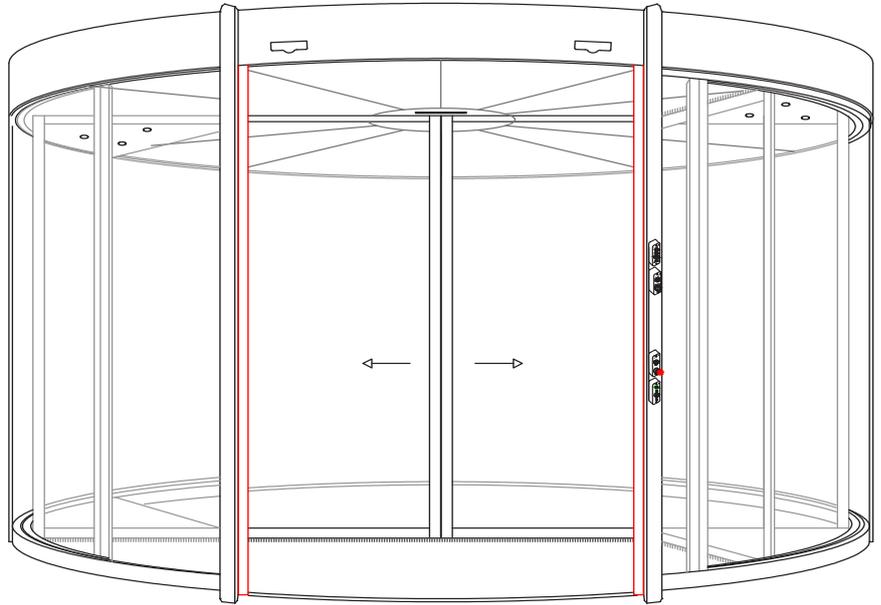


# TECHNICAL SPECIFICATIONS



## **M-COM** ***MultiCOMBO Automatic Revolving Doors***

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.

Ver.01.05.21.M-COM.EN

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**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.

## MultiCOMBO 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 the revolving door.

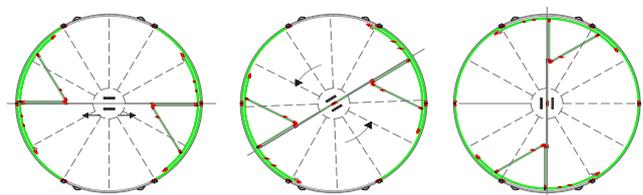
**M-COM**, which can be manufactured with or without showcase, have **METAXDOOR's** self approved Uni-MASTER automation system and an above standards safety system.

Standard Technical Specifications	
Supply	220 V AC / 50 Hz
Motor	UniMASTER AC Motor
Door Leave Profiles	Aluminium Extrusion
Canopy	Aluminium Modular Design
Passage Height	2100 - 2200 mm
Diameter	3400 - 5400 mm
Number of Door Leaves	3 or 4
Surface Finish	Natural Mat Anodized or Powder Coating
Drum Wall Glazing	4 + 4 mm Laminated Glasses
Door Leaf Glazing	8 mm Tempered Glasses
Insulation	EPDM gasket and Horsehair brush
Locking	Electromagnetic Motor Lock
Lighting	6 pieces spot lights
Floor Ring	Standard

•Customizable diameter, design and function

M-COM Options
Drum Walls, Sheet Metal Panelling
Stainless Steel Cladding
Floor Mat
Waterproof Ceiling
Breakout Mechanism
Circular Air Curtain (Canopy Height min. 400 mm)
Touchpanel - surface mounted (MX50ie or MX60ie)

With the HMI - MX60ie and MX70ie you can connect to the door and can provide service even from the other side of the world.



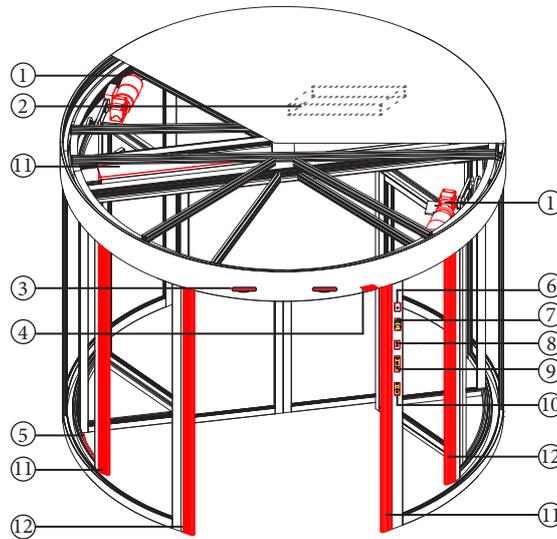
**1- Motor;** asynchronous motor rated at 0,25 Kw, 1400 rpm, 50-60 Hz and equipped with helical bevel gearbox and current operated brake.

**2- Control Unit;** Uni-MASTER - The programmable control panel is a multiprocessor digital control system utilizing time-division multiplexed operations to provide precision motor-drive, constant sensor monitoring and automated setup.

**3- Activation Sensor;** motion detector device that provides signal to activate rotation of the leaves.

**4- Late Entry Safety Sensor;** safety sensor that prevents people from getting stuck between the leaves and fixed drums.

**5- Heel Slowing Down Sensor;** infrared sensor with emitter-receiver. Heel-level motion slows the rotation. If the motion goes on the door stop completely.



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

**7- Mode Selector;** used for selecting operation mode.

**8- Emergency Button;** a push button that stops the door immediately.

**9- Clean Mode;** as long as the button is pushed the door stops at its position.

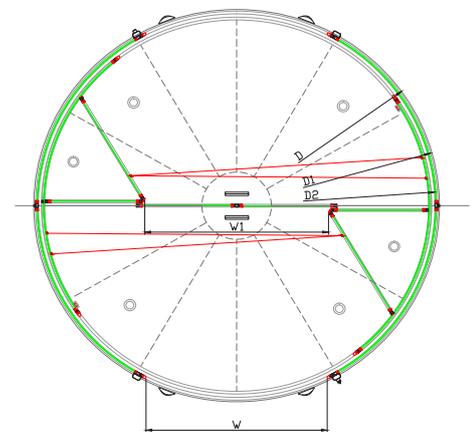
**10- Light and Disabled Button;** a set of switches used for lighting and slowing down the rotation speed.

**11- Vertical Hand Safety Pneumatic;** safety edge that prevents people from getting stuck in both directions when the door is rotating.

**12- Passive Safety Edge;** passive safety edge that prevents people from getting stuck in both directions when the door is rotating.

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

- 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 diameter •D1: Floor outer diameter •D2: Floor inner diameter •W: Passage



**METAXDOOR®**

[www.METAXDOOR.de](http://www.METAXDOOR.de)