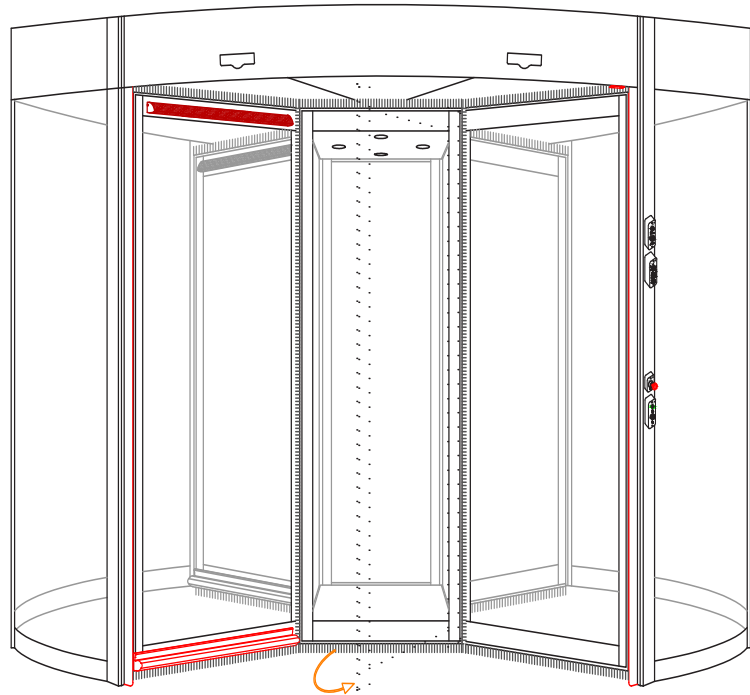


TECHNICAL SPECIFICATIONS



GRA **Grand Automatic Revolving Doors**

METAXDOOR GRA Grand automatic revolving doors are designed specifically for entrances with high traffic volume.

GRA series provide you comfortable passage without compromising aesthetic and looks enabling you to create classy entrances.

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METAXDOOR GRA series give you the opportunity to have a wide passage on high traffic along with aesthetic and distinguished look.

You get high and reliable performance, maximum isolation, smooth entrance and even create special ornamental differences.

Grand Automatic Revolving Doors

METAXDOOR GRA is designed distinctively for entrances with high pedestrian traffic.

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 - 2400 mm
Diameter	3600 - 6000 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
Showcase	Square, Triangle or Flat
Lighting	6 LED spots
Standard Safety Package	- Hand Safety Pneumatic and Passive Hand Safety Edge on Drum Wall Post - Heel Safety Pneumatic on each Door Leaf - Emergency- Stop-Button - Disabled-Button - Curtain Safety Sensor on each Door Leaf - Late Entry Safety Sensor
EN 16005 Safety Package (includes Standard Safety Package)	- Hand Safety Pneumatic on each Door Leaf

•Customizable diameter, design and function

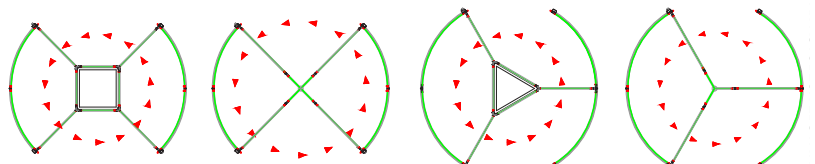
GRA Options
Drum Walls, Sheet Metal Panelling
Stainless Steel Cladding
Floor Mat
Floor Ring
Waterproof Ceiling
Night Shield
Breakout Mechanism (Canopy Height min. 300 mm)
Circular Air Curtain (Canopy Height min. 400 mm)
Manual Lock
Espagnolette Lock
Touchpanel - surface mounted (MX50ie or MX60ie)

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



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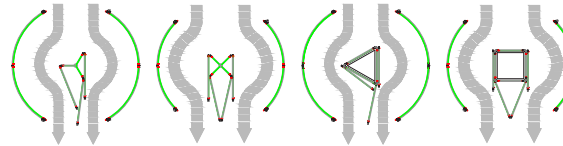
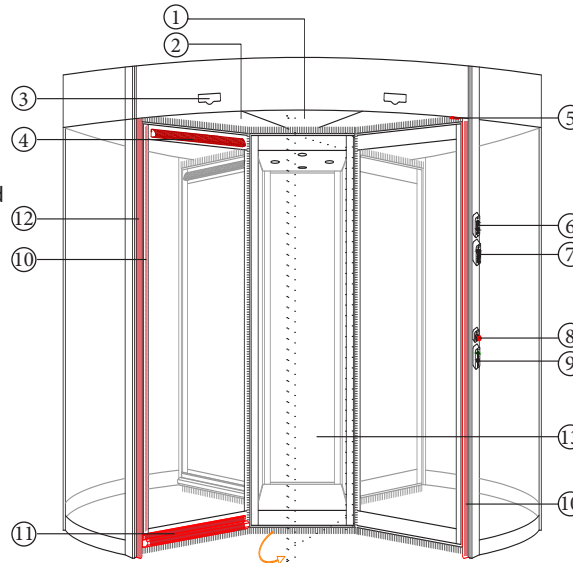
1- Motor; asynchronous motor rated at 0,25 Kw, 1400 rpm, 50-60 Hz and equipped with helical bevel gearbox and current operated brake.

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- IR Curtain Safety Sensor; infrared sensor that provides vertical safety on the direction of rotation.

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



Different Breakout Mechanisms

6- Digital Touch Panel; for adjustments during installation or to change adjustments afterwards.

7- Mode Selector; for selecting operation mode.

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

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

10- Vertical Hand Safety Pneumatic; safety edge, on each door leaf and on both counter closing edges, that prevents people from getting stuck when the door is rotating.

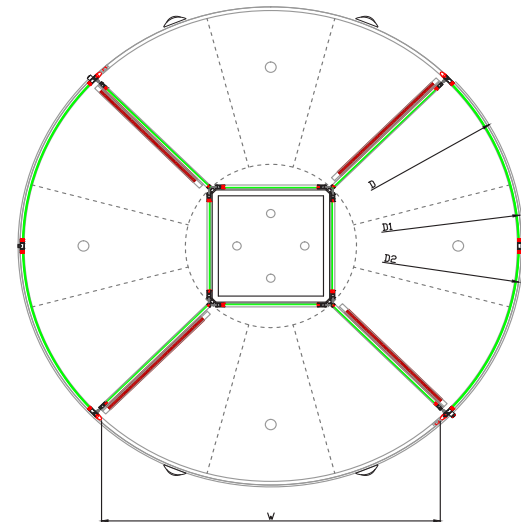
11- Horizontal Heel Safety Pneumatic; safety edge that prevents people from getting stuck in heel level when the door is rotating.

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

13- Showcase; Three optional systems - Square, Triangle or Flat

D	D1	D2	W/3 Leaves	W/4 Leaves	H	C
3600	3566	3506	1650	2400	2100 - 2400	250 - 300
3800	3766	3706	1750	2540	2100 - 2400	250 - 300
4000	3966	3906	1850	2690	2100 - 2400	250 - 300
4200	4166	4106	1950	2830	2100 - 2400	250 - 300
4400	4366	4306	2050	2970	2100 - 2400	250 - 300
4600	4566	4506	2150	3110	2100 - 2400	250 - 300
4800	4766	4706	2250	3250	2100 - 2400	250 - 300
5000	4966	4906	2350	3390	2100 - 2400	250 - 300
5200	5166	5106	2450	3540	2100 - 2400	250 - 300
5400	5366	5306	2550	3680	2100 - 2400	250 - 300
5600	5566	5506	2650	3820	2100 - 2400	250 - 300
5800	5766	5706	2750	3960	2100 - 2400	250 - 300
6000	5966	5906	2850	4100	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.
- W dimensions are approximate values.



•D: Outer diameter •D1: Floor outer diameter •D2: Floor inner diameter •W: Passage



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