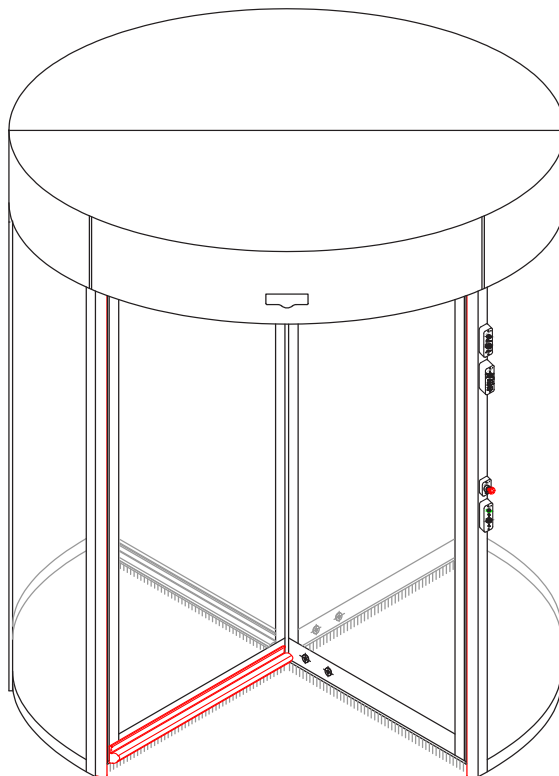


# TECHNICAL SPECIFICATIONS



## **MR30/SA** ***Standard Automatic Revolving Doors***

Automatic revolving doors METAXDOOR MR30 / SA series are specially designed for entrances where reliability, economy and energy efficiency are the main subjectives. Made of aluminum and glass, they complete the exterior of your building.

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HTM METAXDOOR GmbH  
Kahrstr. 1  
45128 Essen  
Tel: +49 201/520 587-17  
Fax: +49 201 520 587-19  
[www.metaxdoor.de](http://www.metaxdoor.de)





**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 complete your building's exterior. Its reliable performance with thermal and noise insulation makes it even more useful.

## Standard Automatic Revolving Doors

**METAXDOOR MR30/SA** Standard Automatic Revolving door provides you with varieties of insulated and energy efficient entrance alternatives with its versatility. Also with its chic nature, it completely fits your building's exterior design.

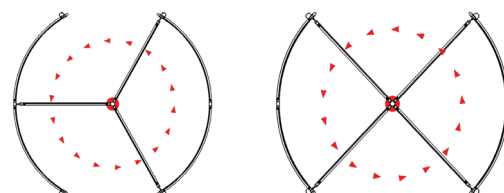
**METAXDOOR MR30/SA** also provides you with smooth entrance and reliable performance with the best available mechanism.

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	2000 - 3800 mm
Canopy Height	250 - 300 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	4 LED spots
Standard Safety Package	<ul style="list-style-type: none"> <li>- Hand Safety Edge and Passive Hand Safety Edge on Drum Wall Post</li> <li>- Heel Safety Edge on each Door Leaf</li> <li>- Emergency- Stop-Button</li> <li>- Disabled-Button</li> </ul>
EN 16005 Safety Package (includes Standard Safety Package)	<ul style="list-style-type: none"> <li>- Late Entry Safety Sensor</li> <li>- Hand Safety Edge on each Door Leaf</li> <li>- Curtain Safety Sensor on each Door Leaf (for <math>\varnothing &gt; 3000</math> mm)</li> </ul>

•Customizable diameter, design and function

MR30/SA Options
Drum Walls, Sheet Metal Panelling
Stainless Steel Cladding
Door Handles
Floor Mat
Floor Ring
Waterproof Ceiling
Night Shield
Breakout Mechanism (Canopy Height min. 300 mm)
Underground Mechanism
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.



# MR30/SA

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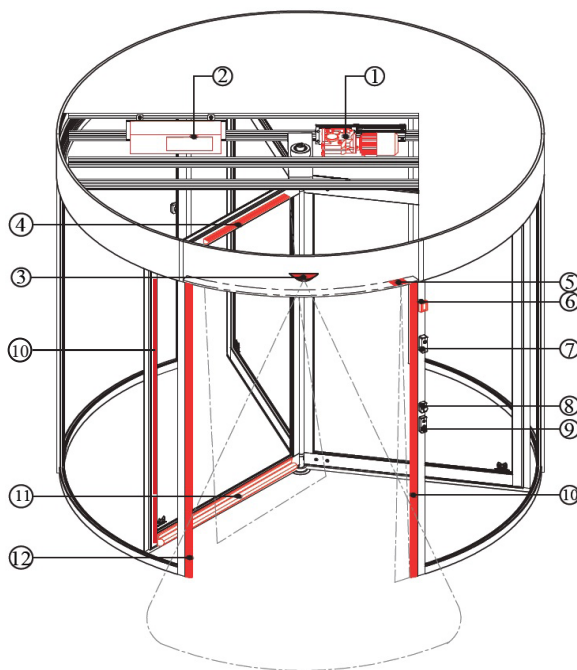
**1- Motor;** asynchronous motor rated at 0,25 Kw, 1400 rpm, 50-60 Hz and equipped with helical bevel gearbox and current operated brake.

**2- Control Unit;** Uni-MASTER - The programmable control panel is a multi-processor 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.



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

**7- Mode Selector;** for selecting the 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.

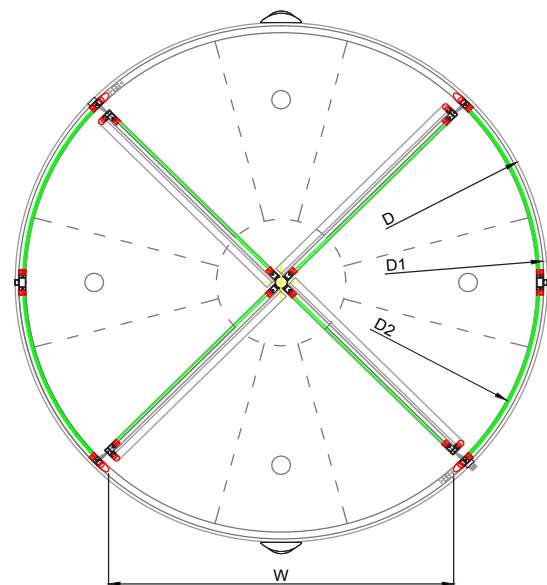
**10- Vertical Hand Safety Edge;** safety edge, on each door leaf and on both counter closing edges, that prevents people from getting stuck when the door is rotating.

**11- Horizontal Heel Safety Edge;** 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.

D	D1	D2	W/3 Leaves	W/4 Leaves	H	C
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	1835	2100 - 2400	250 - 300
3000	2966	2906	1360	1980	2100 - 2400	250 - 300
3200	3166	3106	1460	2120	2100 - 2400	250 - 300
3400	3366	3306	1560	2260	2100 - 2400	250 - 300
3600	3566	3506	1660	2400	2100 - 2400	250 - 300
3800	3766	3706	1760	2540	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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