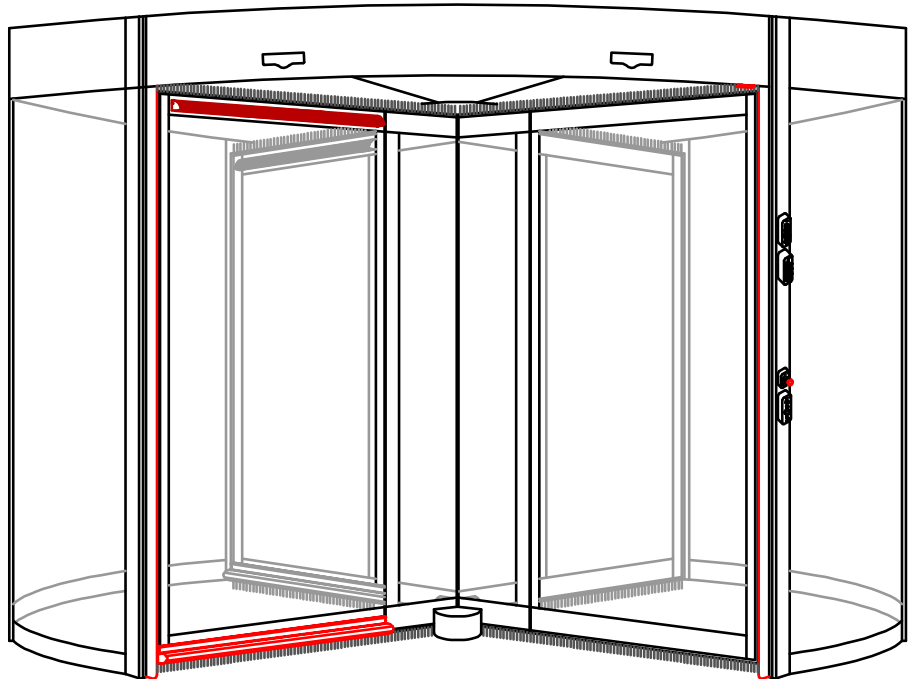


TECHNICAL SPECIFICATIONS



GRA30 *Grand Automatic Revolving Doors*

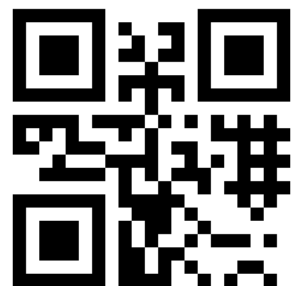
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UKK.1.ENG

GRA30 automatic revolving doors are designed specifically for entrances with high traffic volume.

GRA30 series provide you comfortable passage without compromising aesthetic and looks enabling you to create classy entrances.

 **TÜVRheinland®**
Genau. Richtig.

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





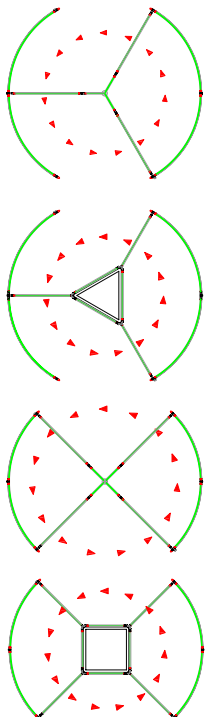
Grand Automatic Revolving Doors

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

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.

Technical Specifications	Standard
Motor	AC 0,25 kw 1400 rpm 50-60 Hz
Control Unit	Uni-Master
Leaves Profiles	Aluminium extrusion
Canopy	Aluminium modular design
Passage Height	2100 - 2400 mm
Diameter	3600 - 5600 mm
Number of Leaves	3 or 4
Leaf Glazing	8 mm tempered laminated glasses
Fixed Drum Glazing	4+0,76+4 mm glasses
Insulation	EPDM gasket and horsehair brushes
Activation	4 pieces microwave radar
Lighting	6 pieces spot light
Surface Finish	Natural mat anodized or powder coating
Locking	Electromagnetic motor lock



GRA30 Options:

- Customizable diameter, design and function

Optional Features	
	Breakout System
	Nightshield
	Air Curtain
	Water Drainage
	Stainless-Steel Finish
	Floor Ring And Mat
	Electromagnetic Lock
	Curtain Sensor
	Square, Flat and Triangle
	Showcase
	Touch Panel

GRA30

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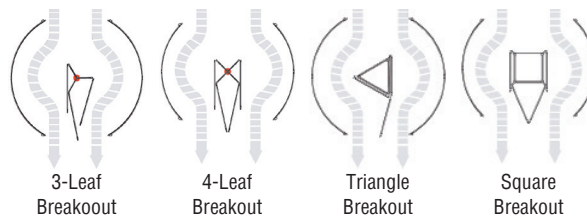
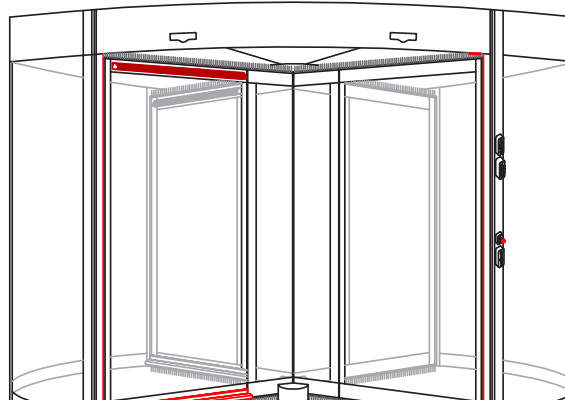
1- Motor; asynchronous motor rated at 0,25Kw, 1400 rpm, 50-60Hz and equipped with helical bevel gearbox and current operated brake.

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- Merkur S2 Radar; motion sensor device that provides signal to activate rotation of the leaves.

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

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



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

7- Mode Selector; used 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; safety edge that prevents people from getting stuck in both directions when the door is rotating.

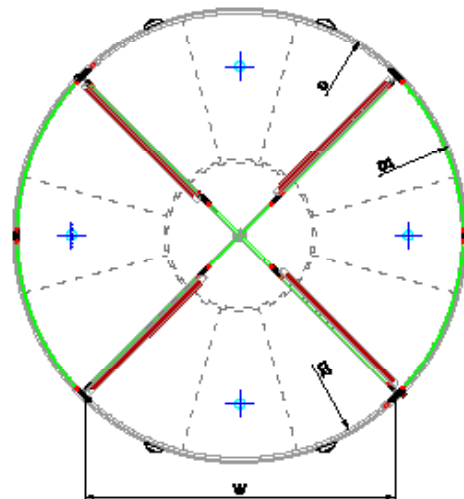
11- Horizontal Heel Safety; safety edge that prevents people from getting stuck in heel level when the door is rotating.

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

13- Showcase; optional system with three types; square, triangle or flat.

Diameter Value

D (mm)	D1 (mm)	D2 (mm)	3-Leaf	4-Leaf
3600	3566	3506	1690	2440
3800	3766	3706	1790	2580
4000	3966	3906	1890	2720
4200	4166	4106	1990	2860
4400	4366	4306	2090	3000
4600	4566	4506	2190	3140
4800	4766	4706	2290	3280
5000	4966	4906	2390	3220
5200	5166	5106	2490	3360
5400	5366	5306	2590	3500
5600	5566	5506	2690	3640



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

HTM METAXDOOR GMBH

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