



Revolving Door Systems Circular Sliding Doors



We, the HTM METAXDOOR GmbH, are manufacturers of entrance and passage solutions and have proven ourselves in our industry. We offer elegant entrance and passage solutions that are not only in harmony with the buildings structure and are intended for different areas of use, but also have functionality.

Our company has a large number of product groups with different structures and modes of action depending on the areas of application. The product development and design department in our company designs special door systems for you, according to your requirements and needs, that adapt to the structure of your building and put them into practice.

In order to be able to offer today's technology in the highest possible quality, our R&D department, consisting of experts experienced in their field, always works with the latest technological standards. With the most advanced technology, we create safe, comfortable areas, especially for doors with automatic use where we go in and out of business centers, hospitals, airports and shopping malls every day.

As HTM METAXDOOR GmbH, we aim to offer you the highest possible quality together with a wide range of products.



MR30-Series Standard Revolving Doors

In addition to their elegance, these doors give each building its own character and appearance. While on the one hand you have high insulation against external influences such as noise, dust and heat, which ensures energy savings, you create on the other hand a cozy atmosphere for those in the building.



GRA-Series Grand Revolving Doors

METAXDOOR GRA revolving doors are specially designed for maximum efficiency at entrances and exits with busy pedestrian traffic. You get a high and reliable performance, maximum isolation, a smooth entrance and create special decorative differences with the different showcase options.



GL30-Series All-Glass Revolving Doors

These doors are made entirely of glass and slim stainless steel profiles. They are designed so that they can be easily integrated into transparent facades. In addition to all these functions, it also offers you the insulation and smooth operation of standard revolving doors.



Wherever you need a reliable and economical passage system, **METAXDOOR MR30 / SM**, our manual revolving door, is the solution you have been looking for.

Manual revolving doors from the **METAXDOOR** MR30 / SM series also offer you a variety of exterior designs and chic looks to match the architecture of the building.

Manual revolving doors of the **METAXDOOR** MR30 / SM series are specially designed for entrances where reliability and cost efficiency are in the foreground. These doors, made of aluminum and glass, can also be produced in an automatic version on request.

In adverse conditions and if you want an economical pass-through solution that also corresponds architecturally to your building, manual revolving doors from the **METAXDOOR** MR30 / SM series are made just for you.



D	D1	D2	W/3-leaves	W/4-leaves	H	C
2000	1966	1906	860	1270	2100 - 2400	140 - 300
2200	2166	2106	960	1410	2100 - 2400	140 - 300
2400	2366	2306	1060	1550	2100 - 2400	140 - 300
2600	2566	2506	1160	1690	2100 - 2400	140 - 300
2800	2766	2706	1260	1835	2100 - 2400	140 - 300
3000	2966	2906	1360	1980	2100 - 2400	140 - 300

- Dimensions in millimeters.
- Special dimensions are available on request.
- Dimensions are for informational purposes only and are to be changed according to static necessity.
- W dimensions are approximate values.

General Specifications

MR30 / SM revolving doors with 2000 mm - 3000 mm outer diameter, in different heights, with 3 or 4 leaves, a variety of color and surface alternatives meet all requirements. With various options and the possibility of custom-made products, we can also meet special requests.



Thermal insulation, attractive design, smooth passage and versatility ... If you are looking for these characteristics in an entrance, **METAXDOOR MR30 / SA** is made for you.

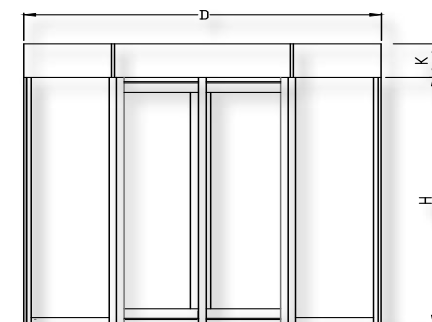
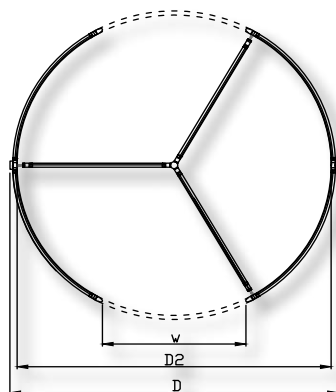
The appealing design meets versatility to enrich the appearance of your building. Its reliable performance in terms of heat and noise insulation increases the benefits many times over. The canopy of the Metaxdoor revolving door systems are manufactured in a modular manner; made exclusively of aluminum alloy and without any kind of welding.



Our standard automatic revolving door **METAXDOOR** MR30 / SA offers you with its versatility a reliable and energy-efficient passage solution. In addition, MR30 / SA completes the exterior design of your building with its stylish nature.

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 in millimeters.
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Standard Specifications	MR30/SM	MR30/SA	GL30/SM	GL30/SA	GRA	MCOM
Outer Diameter D (mm)	2000-3000	2000-3800	2000-3000	2000-3400	3600-6000	3400-5400
Inner Diameter D2 (mm)	D - 94	D - 94	D - 100	D - 100	D - 94	D - 94
Passage Height H (mm)	2100-2400	2100-2400	2100-2400	2100-2400	2100-2400	2100-2200
Canopy Height K (mm)	140-300	250-300	18 mm VSG	18 mm VSG	250-300	310
Passage Width W 3 leaves (mm)	860-1360	860-1760	850-1350	850-1550	1650-2850	1500-2490
Passage Width W 4 leaves (mm)	1270-1980	1270-2540	1232-1940	1232-2223	2400-4100	
Number of leaves	3-4	3-4	3-4	3-4	3-4	2
Drum Wall Glazing (laminated)	8 mm	8 mm	10 mm	10 mm	8 mm	8 mm
Door Leaf Glazing (tempered)	8 mm	8 mm	10 mm	10 mm	8 mm	8 mm
Lighting LED	4	4	—	—	4-6	6
Safety/Sensors (EN 16005)						
Hand Safety Edge (Drum Wall)	—	●	—	●	●	●
Hand Safety Edge (Door Leaf)	—	●	—	●	●	●
Heel Safety Edge	—	●	—	●	●	●
Curtain Safety Sensor (for $\varnothing > 3000$ mm)	—	●	—	●	●	—
Late Entry Safety Sensor	—	●	—	●	●	●
Passive Safety Edge (Drum Wall)	●	●	●	●	●	●
Emergency Stop Button	—	●	—	●	●	●
Disabledbutton (both sides)	—	●	—	●	●	●
Optional Dimensions						
Passage Height H (mm)	up to 3000	up to 3000	up to 3000	up to 3000	up to 3000	up to 3000
Canopy Height K (mm)	up to 1200	up to 1200	—	—	up to 1200	up to 1200
Surface Finish						
Powder Coating (standard RAL)	●	●	○	○	●	●
Natural Matt Anodized	●	●	○	○	●	●
Stainless Steel Cladding (304 or 316)	○	○	● (304)	● (304)	○	○

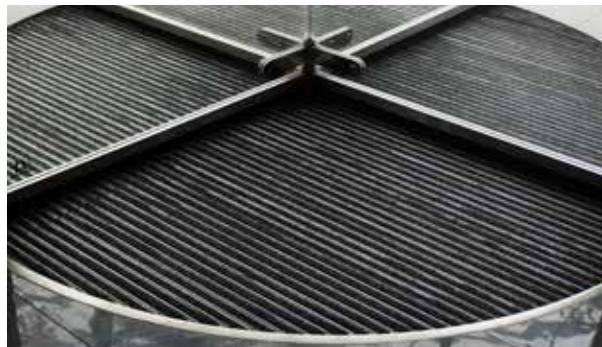
● standard ○ optional — not available

Special dimensions and designs are available on request. Dimensions are guidelines.

Options	MR30/SM	MR30/SA	GL30/SM	GL30/SA	GRA	MCOM
Underfloor Mechanism	○	○	○	●	○	—
Break-Out Mechanism	○	○	—	—	○	—
Floor Ring	○	○	●	●	○	○
Floor Mat	○	○	○	○	○	○
Door Handles	●	○	●	○	○	—
Water Insulation (outside half of Canopy)	○	○	—	—	○	○
Air Curtain inside Canopy (Water o. electric)	○	○	—	—	○	○
Air Curtain vertikal outside	○	○	○	○	○	○
Drum Wall - Metal Sheet	○	○	○	○	○	○
Night Shield (manual)	○	○	○	○	○	●
Night Shield (automatic)	○	○	—	—	○	
Manual Lock	●	—	●	—	○	○
Electronic Lock	—	●	—	●	●	●
Espagnolette Lock	○	○	—	—	○	○
Anti-Wind-System (for Break-Out)	○	○	—	—	○	—
Speed Control	○	●	○	●	●	●
Touchpanel	○	○	○	○	○	○

































● standard ○ optional — not available

Special dimensions and designs are available on request. Dimensions are guidelines.



































METAXDOOR automatic revolving doors offer energy efficiency, insulation (against heat, noise, dust, etc.) and an impressive design to complete your building from a technical and architectural point of view.

The following table applies to a 4-leaf revolving door.

Diameter in mm	Passage Width in mm (MR30/SA and GRA)	Max Persons/ Section	Personcapacity per Passage / Min.	Type of use
1800	1130	2	42	
2200	1410	2	50	
2400	1550	2	52	 
2700	1760	3	56	 
2900	1905	3	64	 
3100	2040	4	68	 
3300	2180	4	70	 
3500	2320	5	73	 
3700	2460	5	75	  
3900	2600	5	78	  
4500	3040	8	95	  
5200	3540	11	110	  
5600	3820	12	112	  
6000	4100	14	115	  



The following table applies to a 3-leaf revolving door.

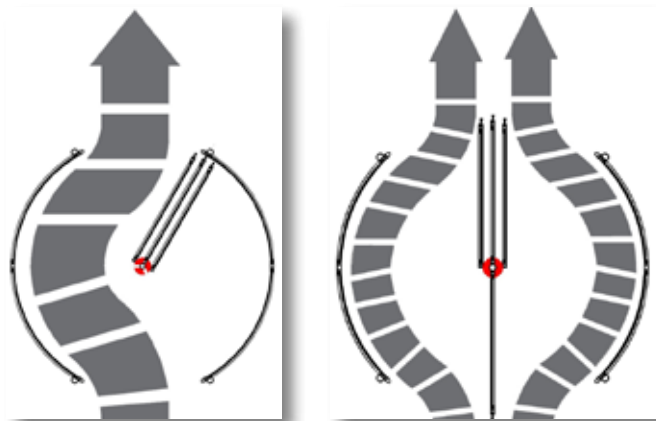
Diameter in mm	Passage Width in mm (MR30/SA and GRA)	Max Persons/ Section	Personcapacity per Passage / Min.	Type of use
1800	760	2	33	
2200	960	2	40	
2400	1060	3	47	 
2700	1210	4	49	 
2900	1310	4	51	 
3100	1410	5	58	 
3300	1510	5	63	 
3500	1610	6	65	 
3700	1710	7	67	  
3900	1810	8	68	  
4500	2100	11	77	  
5200	2450	15	86	  
5600	2650	18	94	  
6000	2850	20	102	  



Book fold mechanism (break-out)

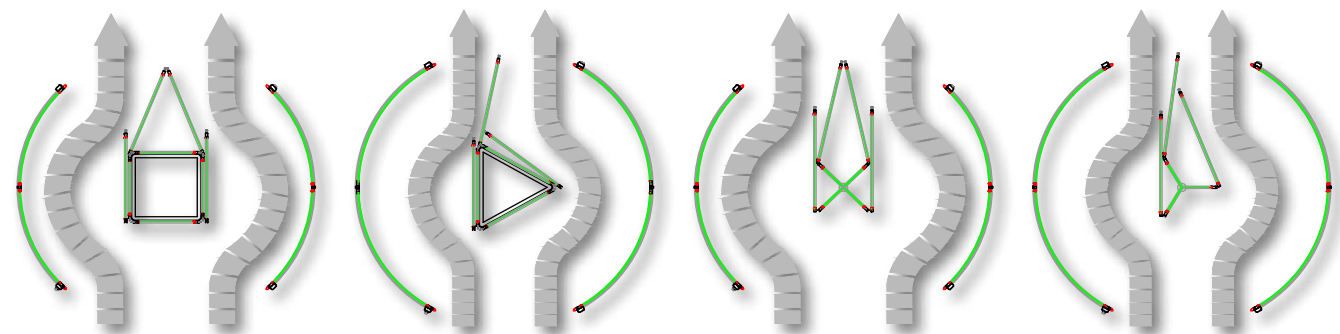
The book fold mechanism can be used on different type of revolving doors. This system, which can be used for both 3- and 4-leaf versions, ensures that the leaves are folded when sufficient force is applied on them. This system, also known as break-out, is activated when the door leaves are pressed with force in an emergency. The leaves, which fold around the doors center, provide a free and empty passage to the outside. The folding mechanism works as described below.

When the mechanism is activated and the leaves are folded around the doors axis, sensors on the leaf-axis detect this movement. As soon as this movement is detected, the motor will stop immediately and the rotation will stop. The door will continue to operate normally when the leaves are returned to their original position.



Break-Out MR30/SA 3-leaves and 4-leaves

This system enables the building to be evacuated quickly. In addition, this can also be used in everyday life if necessary to allow manual use of the door. This function is particularly preferred in shopping malls, hospitals, etc.



Break-Out GRA 4- and 3-leaves, with and without a showcase





Air curtain

Metaxdoor revolving door systems can be equipped with an air curtain system. The special ventilation systems have a circular design that has been adapted to the diameter and structure of the revolving doors. The air curtains can be used either as an electric or a hot water version.



Activation

Metaxdoor revolving doors offer the user a variety of activation alternatives. Various activation options such as radar, code field, card reader, non-contact sensor switch, elbow switch, fingerprint reader, remote control, etc. are manufactured in such a way that they are compatible with the system. These options give you easy access control.



Safety

Metaxdoor revolving door systems have a flawless security system and thus offer you complete protection against any incidents. Hand safety edges are attached to each main and counter closing edge, late entry safety sensors also monitor the entire counter closing edge. Any kind of crushing between the door leaves and the drum walls is therefore out of the question. The lower secondary closing edges of the door leaves are protected by heel safety edge. These stop the door at the slightest contact and thus prevent people from being injured inside the door. Curtain safety sensors can be installed in the door depending on the project requirements. These are located in the direction of rotation on the upper secondary closing edge of the door leaf. These sensors stop the door if there is an object in the way before the object touches the door leaf.



METAXDOOR GL30/SM is your choice when aesthetic, economical and transparent entrance solutions are required. Simple and timeless design meets easy handling. Our manual all-glass revolving door is the entry into a new world.



D	D1	D2	W/3-leaves	W/4-leaves	H
2000	1960	1900	850	1232	2100 - 2400
2200	2160	2100	950	1374	2100 - 2400
2400	2360	2300	1050	1516	2100 - 2400
2600	2560	2500	1150	1657	2100 - 2400
2800	2760	2700	1250	1798	2100 - 2400
3000	2960	2900	1350	1940	2100 - 2400

- Dimensions in millimeters.
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With intelligent sensor systems specially developed for all-glass revolving doors, **METAXDOOR GL30 / SA** offers safe passage solutions. In addition to all these functions, the GL30 / SA also offers you the insulation and smooth operation of standard revolving doors. With all of these features and characteristics, you can have the entrance system you have dreamed of.

D	D1	D2	W/3-leaves	W/4-leaves	H
2000	1960	1900	850	1232	2100 - 2400
2200	2160	2100	950	1374	2100 - 2400
2400	2360	2300	1050	1516	2100 - 2400
2600	2560	2500	1150	1657	2100 - 2400
2800	2760	2700	1250	1798	2100 - 2400
3000	2960	2900	1350	1940	2100 - 2400
3200	3160	3100	1450	2082	2100 - 2400
3400	3360	3300	1550	2223	2100 - 2400

- Dimensions in millimeters.
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If design is the key word in the appearance of your building and you do not want to forgo the functionality of revolving door systems, **METAXDOOR GL30/SA** all-glass revolving doors are exactly the solution you have been looking for.

METAXDOOR all-glass revolving doors consist entirely of glass and slim stainless steel profiles. They are designed so that they can be easily integrated into transparent facades. In addition to all these functions, it also offers you the insulation and smooth operation of standard revolving doors. The perfect harmony of safety glass, slim stainless steel profiles and custom made floor mats. These are some of the related specifications of GL30 series all-glass revolving doors.



YOU DREAM
WE BUILD







If the through traffic for standard doors is so great that they can no longer be handled, **METAXDOOR GRA**, automatic large revolving doors, are used. With almost unlimited passage capacities, the advantages of standard revolving doors are not lost.

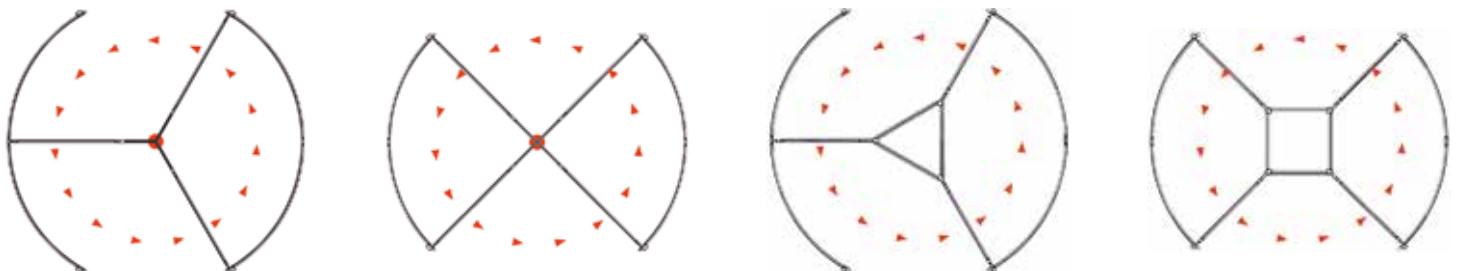




D	D1	D2	W/3-flügelig	W/4-flügelig	H	K
3600	3566	3506	1650	2400	2100 - 2400	250 - 300
3800	3766	3706	1750	2540	2100 - 2400	250 - 300
4000	3966	3906	1850	2690	2100 - 2400	250 - 300
4200	4166	4106	1950	2830	2100 - 2400	250 - 300
4400	4366	4306	2050	2970	2100 - 2400	250 - 300
4600	4566	4506	2150	3110	2100 - 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

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With different versions you have the possibility to choose exactly the door that fits your building and exactly corresponds to your ideas. With the **METAXDOOR GRA** series you can choose between 3 and 4-leaf versions, but you also have the choice of whether you want a showcase or not. With that you have the chance to display products or to give your passage a special touch.



The modular system of **METAXDOOR** revolving door canopies enables easy assembly and maintenance. The individual canopy sheets can be taken out separately and moved within the construction. So you can take out one or two elements and move the rest of them so that you can easily reach the desired location inside the canopy.



The canopy sheets are standard in the same color as the door. However, they can be adapted as required and thus give your building an individual character. There are no limits to your imagination ... You dream it, we build.

If you wish, we can also deliver the center of the canopy ceiling in the color you want. By default, the center element of the canopy ceiling comes in black, but here too your imagination is given freedom, so that you get exactly the door that you have in mind.



Your connection to the door

With the HMI of **METAXDOOR** - MX60ie and MX70ie, you can also establish a connection to the door from the other side of the world and provide services.



MX50ie

With the MX50ie you are in full control. You can adjust the operating modes to suit your needs with a simple touch. You can also make certain settings on the door and carry out services. Sensors and safety edges of the door are displayed in the HMI and can thus be checked. This model is the ideal size to be mounted on the door or a stand.



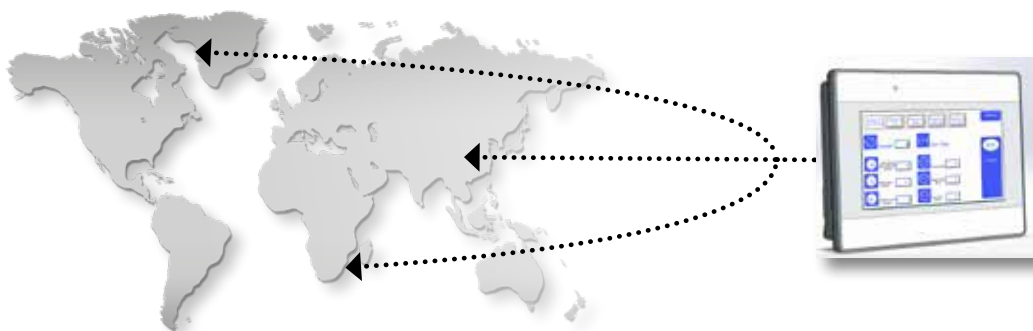
MX60ie

The MX60ie gives you all the features you will find in the MX50ie. You also have the option of connecting to the EasyAccess 2.0 via an internet connection. So you can offer your services from anywhere. Like the MX50ie, this model can be mounted on the door itself or on a stand.



MX70ie

With its 7 "display, the MX70ie is easy and clear to use. This HMI is intended for service personnel and, like the MX60ie, can be connected to the EasyAccess 2.0 via a connection to the Internet. You have full control and insight into the door, so that you always know how the door is running.





METAXDOOR M-COM is designed for entrances where other revolving doors are insufficient to offer solutions. The system with a 2-leaf construction and a sliding door in the middle allows very large objects to pass through the revolving door.

METAXDOOR M-COM works on the principle that the ceiling rotates completely. This allows it to be installed around a column or similar structure. The break-out mechanism, which can be used in an emergency, can also be attached to this system. METAXDOOR M-COM is the most popular and most practical entry system for buildings with a high number of people such as shopping centers, hospitals, airports and hotels. It enables easy entry and exit in these buildings with large and bulky items such as luggage, hospital beds or shopping carts.

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

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A night Shield, which is integrated by default, always offers you the security you want at an entrance. As soon as the night mode is activated, the door rotates two rounds and stops so that the showcases at the end of the leaves prevent passage and the door is thus locked.



Safety in revolving doors plays a major role. All closing edges on our doors are secured in such a way that you do not have to think about them during operation. Contact edges and safety sensors ensure perfect protection.



1 Hand Safety Edge

These are attached to both the door leaves and the drum walls. You thus secure the main and counter-closing edges. If pressure is exerted on the contact strips, emergency braking occurs and the door comes to a standstill. As soon as the contact strip is released, the door continues its rotation.

2 Heel Safety Edge

The safety contact strip attached to the lower secondary closing edge protects the heel area. If pressure is exerted on the contact strips, emergency braking occurs and the door comes to a standstill. As soon as the contact strip is released, the door continues its rotation.

3 Curtain Safety Sensor

This moving sensor ensures that the door comes to a standstill as soon as something is detected in its field.

4 Late Entry Safety Sensor

This sensor is activated as soon as the door leaf approaches the counter closing edge. If something is detected by this sensor, the rotation stops and the door comes to a standstill.





METAXDOOR HM30/CRS is the combination of both worlds. The simplicity of a sliding door is combined with the elegance of a revolving door. With various design options, this door can adapt to all circumstances.

METAXDOOR HM30/CRS can have a semi-circular, full-circular or segmented design. Segmented versions can be made inwards or outwards with one- or two-part modes.

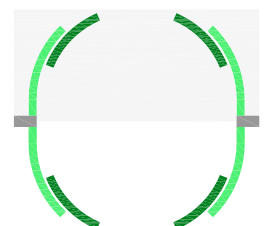
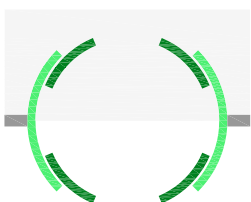
Automatic circular sliding doors can be used indoors and outdoors and offer you special multi-dimensional solutions with different application alternatives and architectural details.

For full-circular and semicircular sliding doors

D	W	C
2000	1230	250 - 300
2200	1360	250 - 300
2400	1490	250 - 300
2600	1620	250 - 300
2800	1750	250 - 300
3000	1880	250 - 300
3200	2021	250 - 300
3400	2140	250 - 300
3600	2270	250 - 300
3800	2400	250 - 300
4000	2530	250 - 300



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Notes

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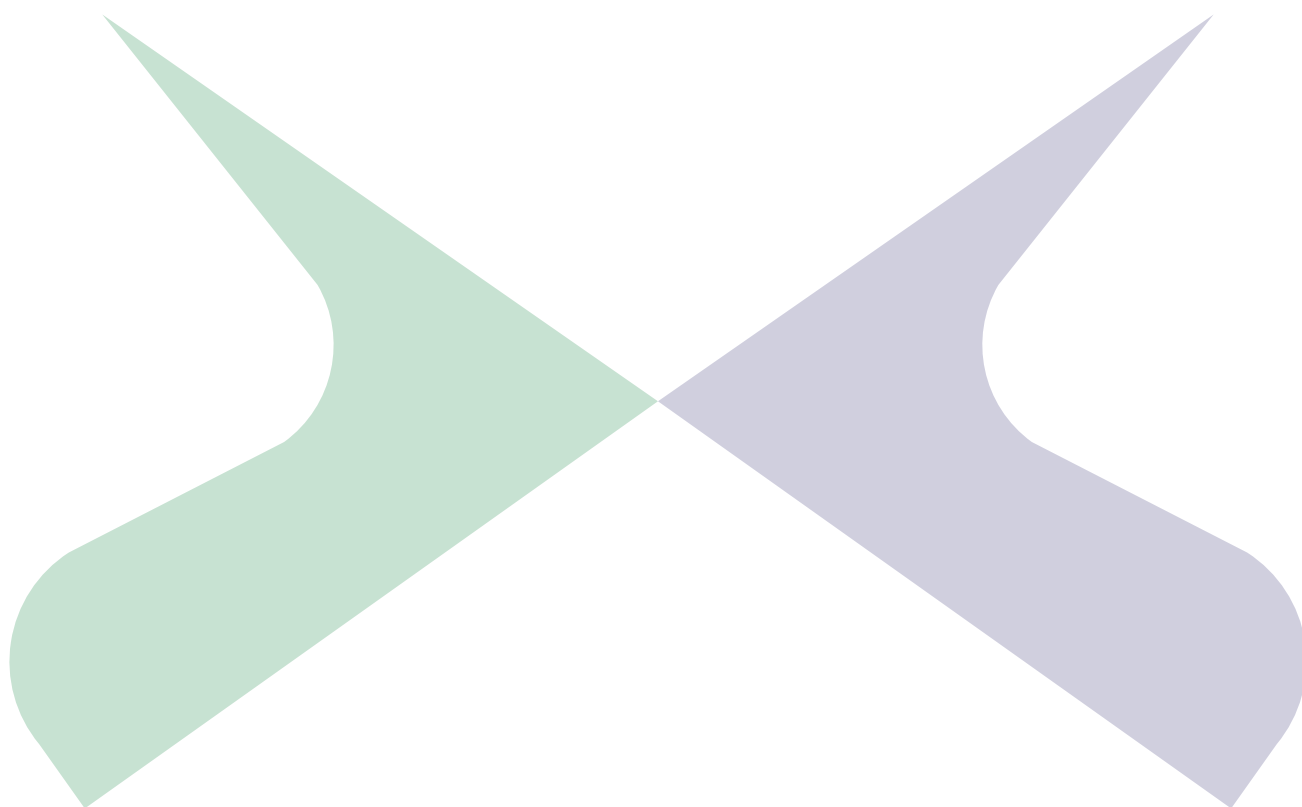
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