

meesons.

RANGE BROCHURE

Revolving Doors

Revolving doors are an efficient means of providing elegant and inviting high throughput entrance control. They provide unhindered access to facilitate a continuous flow of building users.



Why choose Meesons?

Since 1864, we have delivered entrance and access security solutions for forward-looking organisations seeking a building entrance solution adapted to their day-to-day operations. Today, we provide superior operational effectiveness, better, simpler customer experiences, and the ability to scale easily. We work with every customer to create an entrance control solution that meets their organisations' requirements.

Now, with a long-established nationwide and international presence, we are proud to be trusted by many prestigious companies for our market-leading solutions installed in iconic buildings and locations.

What we do

Identify how best to protect your space, people and assets.

The company endorses a layered security approach and collaborates with outstanding manufacturing partners to provide physical security for various settings. Business managers work with architects and security consultants to ensure the right balance between aesthetics and protection for clients.

Improve end-user experiences by unifying physical security with data.

Establishing lasting relationships with clients allows for a deeper understanding of their needs, including product usability, access control integration, and management software connectivity. Combining technology and physical security can enhance the functionality of smart buildings.

Modernise your access security faster, with greater confidence.

The focus on empowering change within physical security has led to product innovation, including the largest number of LPS 1175: Issue 8 approved products and the world's only high-security revolving door approved to LPS 1175: Issue 8.

Service

Meesons is dedicated to ensuring the longevity of your investments, which is why all products automatically come with a 12-month warranty. We recommend an aftercare service plan that includes regular inspections, maintenance, and repairs to keep your system running smoothly, safely, and efficiently.

One plan. Made simple

Our knowledge of environmental factors, usage, wear and tear and the impact on entrance performance emphasizes the importance of maintenance and protection. While our products are designed to endure the test of time, we acknowledge the necessity of regular servicing and upkeep to ensure uninterrupted use.

We offer one simple Service Plan, which is customisable. With bolt-on features, you can create a plan to suit your business needs.



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Why choose a Revolving Door?

Revolving Doors are a sophisticated entrance solution for efficiently managing the pedestrian flow and high-traffic scenarios. As the most energy-efficient entrance solution, revolving doors minimise drafts and enhance energy and cost efficiency, reducing a building's carbon footprint without compromising security. Their open and user-friendly design elevates the entrance to any secure space, making a statement while ensuring a welcoming transit for multiple users. Our choice of security revolving doors offers greater throughput than security portals; they work to secure the line of your building, using anti-tailgating detection to minimise the risks of unauthorised access and physical attacks.

Ideal for...

Your considerations

Whether securing corporate buildings, commercial spaces, public venues, or dealing with high-traffic environments, revolving doors effectively manage high levels of traffic flow through your areas. Their open and elegant design balances aesthetics with exceptional functionality, with the ability to provide energy efficiency.

Benefits to your business

- Provides complete assurance with the highest level of security certifications on the market
- Contributes to cost efficiency, energy savings, and environmental sustainability
- Accommodates multiple user transit in busy work environments

Fine-tuned to your needs

Revolving doors optimise traffic flow with efficient enhancements, with some incorporating configurable day and night modes for optimal functionality. This adaptable traffic management system ensures complete control to meet the ever-changing needs of the 24-hour period.

Benefits to users

- Generates welcoming entrance experience to enhance user comfort
- Allows for easy transit for multiple users at a time
- Evokes a strong sense of safety in the workplace



3-Wing Revolving Door

Rev 3

The Rev 3 is a three-wing revolving door offering an efficient entrance solution with its always-open always-closed design. This sustainable and aesthetically pleasing option is favoured by many buildings. By minimising air exchange between interior and exterior spaces, it helps save energy and reduce costs, regardless of external temperatures.

Key Features



Connectivity



Touchless



Customisable



High-Throughput

DIMENSIONS

External Diameter

1880mm - 3880mm

Internal Diameter

1800mm - 3800mm

External Height

2300mm - 4700mm

Internal Height

2100mm - 3500mm

Canopy Height

200mm - 1200mm

Entrance Width

860mm - 1760mm

Number of doors/wings

3



4-wing Revolving Door

Rev 4

The Rev 4 is a four-wing revolving door that maximises energy efficiency with its always-open, always-closed design. It's an attractive and sustainable choice for many buildings. By reducing air exchange between the interior and exterior, it helps save energy and lower costs, regardless of external temperatures.

Key Features



Connectivity



Touchless



High-Throughput



Customisable

DIMENSIONS

External Diameter

1880mm – 3880mm

Internal Diameter

1800mm – 3800mm

External Height

2300mm – 4700mm

Internal Height

2100mm – 3500mm

Canopy Height

200mm – 1200mm

Entrance Width

1270mm – 2540mm

Number of doors/wings

4



3-Wing All-Glass Revolving Door

Rev 3GL

The Rev 3GL is a three-wing, all-glass revolving door perfect for transparent facades. Its slim stainless steel profiles blend seamlessly into the surroundings. Despite its sleek and stylish design, the Rev 3GL offers excellent insulation and smooth operation, ensuring no compromise on functionality.

Key Features



Connectivity



Touchless



Customisable



High-Throughput

DIMENSIONS

External Diameter

1650mm – 3400mm

Internal Diameter

1600mm – 3300mm

External Height

2100mm – 3380mm

Internal Height

1980mm – 2400mm

Entrance Width

850mm – 1550mm

Number of doors/wings

3



4-wing All-Glass Revolving Door

Rev 4GL

The Rev 4GL is a four-wing, all-glass revolving door, perfect for transparent facades. It features slim stainless-steel profiles that integrate seamlessly with the surroundings. With a range of glass options and profiles, it can be tailored to meet the aesthetic requirements of the building.

Key Features



Connectivity



Touchless



High-Throughput



Customisable

DIMENSIONS

External Diameter
1650mm - 3400mm

Internal Diameter
1600mm - 3300mm

External Height
2000mm - 3000

Internal Height
1980mm - 2400mm

Entrance Width
1232mm - 2223mm

Number of doors/wings
4



3-Wing Security Revolving Door

Rev 3S

The Rev 3S is a high-security revolving door that manages access control while handling high foot traffic. It features advanced tailgating and anti-piggybacking detection to permit only authorised users. The door operates based on signals from access control systems, like card or biometric readers, ensuring secure entry. Its bi-directional flow capability makes it suitable for busy, high-security settings.

Key Features



Connectivity



Touchless



High-Throughput



Medium-Security



Customisable



Anti-Tailgating

DIMENSIONS

External Diameter	1720mm - 2300mm
Internal Diameter	1500mm - 2180mm
External Height	2300mm
Internal Height	2100mm
Canopy Height	200mm
Entrance Width	750mm - 1000mm
Number of doors/wings	3



4-Wing Security Revolving Door

Rev 4S

The Rev 4s is a secure, four-wing revolving door designed for high foot traffic and strict access control. It includes advanced tailgating and anti-piggybacking detection to ensure only authorised users enter secure areas. The door operates via signals from access control systems, facilitating a streamlined entry process. Its bi-directional flow capability makes it ideal for busy, high-security environments.

Key Features



Connectivity



Touchless



High-Throughput



Medium-Security



Customisable



Anti-Tailgating

DIMENSIONS

External Diameter
1720mm - 2300mm

Internal Diameter
1600mm - 2180mm

External Height
2300mm

Internal Height
2100mm

Canopy Height
200mm

Entrance Width
1100mm - 1300mm

Number of doors/wings
4



Circular Sliding Door

C-Slide

The C-Slide brings you two sets of curved sliding doors to create an innovative solution. It's the perfect entrance to sit alongside one of our revolving doors to provide EA access. Catering to a high traffic flow of people, this door is ideal for many building types, including commercial offices, fitness and leisure centres, and banks.

Key Features



Connectivity



Touchless



High-Throughput



Medium-Security



Customisable



Wheelchair Access

DIMENSIONS

External Diameter

2000 - 4400mm (excluding side junction)

External Height

Internal height + canopy height

Internal Diameter

1906 - 4306mm

Internal Height

2100 - 2400mm

Canopy Height

250 - 300mm

Entrance Width

1230 - 2790mm



Security Revolving Door

Rev 190

The Rev 190 is the only revolving door certified for normal functionality on the market. Approved to LPS 1175 Issue 8 C5 (SR3), accredited by SBD, and fully compliant with Document Q, this high-security, fully automatic revolving door is designed to maintain maximum security.



Key Features



Anti-Vandal



Anti-Tailgating



Connectivity



Touchless



High-Security



High-Throughput



Customisable

DIMENSIONS

External Diameter

1911mm

Internal Diameter

1780mm

Internal Height

2060mm / 2135mm / 2300mm

External Height (Recessed)

2220mm / 2295mm / 2460mm

External Height (Surface Mounted)

2290mm / 2365mm / 2530mm

Number of doors/wings

4-Wing fully automatic

Technical Specifications

- Standard Feature
- Option
- × Not Available

Revolving Doors	Rev 3	Rev 4	Rev 3GL	Rev 4GL
External Diameter (mm)	1880 - 3880	1880 - 3880	1650 - 3400	1650 - 3400
Internal Diameter (mm)	1800 - 3800	1800 - 3800	1600 - 3300	1600 - 3300
Internal Height (mm)	2100 - 3500	2100 - 3500	1980 - 3380	1980 - 2980
External Height	2240 - 3800	2240 - 3800	2100 - 3400	2000 - 3000
Number of doors/wings	3 wings	4 wings	3 wings	4 wings
User Experience				
Automatic operation	●	●	●	●
Throughput level	High	High	High	High
Bi directional flow	●	●	●	●
Configurable transit modes	●	●	●	●
Security Ratings				
RC2 RC3 RC4	×	×	×	×
BR2 BR3 BR4	×	×	×	×
Document Q Compliant	×	×	×	×
FB2/NS EN 1522	×	×	×	×
FB4/NS EN 1522	×	×	×	×
Approved to LPS 1175: Issue 8				
C5 (SR3)	×	×	×	×
B3 (SR2)	×	×	×	×
A1 (SR1)	×	×	×	×
Secured by Design Accredited	×	×	×	×

Revolving Doors	Rev 3S	Rev 4S	Rev 190
External Diameter (mm)	1720 - 2300	1720 - 2300	1911
Internal Diameter (mm)	1500 - 2180	1600 - 2180	2060/2135/2300
Internal Height (mm)	2100	2100	1780
External Height	2300	2300	2220/2295/2460
Number of doors/wings	3 wings	4 wings	4 wings
User Experience			
Automatic operation	●	●	●
Throughput level	Medium	High	Low - High
Bi directional flow	×	●	●
Configurable transit modes	●	●	●
Security Ratings			
RC2 RC3 RC4	●	●	×
BR2 BR3 BR4	●	●	●
Document Q Compliant	×	×	●
FB2/NS EN 1522	×	×	●
FB4/NS EN 1522	×	×	●
Approved to LPS 1175: Issue 8			
C5 (SR3)	×	×	●
B3 (SR2)	×	×	●
A1 (SR1)	×	×	●
Secured by Design Accredited	×	×	●

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