



MEESONS

RANGE BROCHURE

# Cylindrical Portals

Cylindrical Portals offer the ultimate layer of automated protection for your high risk areas. Their ability to prevent unauthorised access and eliminate tailgating while ensuring smooth traffic flow makes them a leading choice for secure entrance solutions.



# 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 Cylindrical Portal

Ideal for  
Business benefits  
User benefits  
Take it from the customer

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C1 Portal  
C101 Portal  
C2 Portal  
C3 Portal  
C4 Double Portal  
C5 Egress Portal  
C190 Portal

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Comparison Specification

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# Why choose a Cylindrical Portal?

Our Cylindrical Security Portals offer the ultimate layer of protection for your high-risk buildings. Fitted with immovable ultrasonic sensors, our portals eliminate unauthorised access and tailgating instances, ensuring smooth yet secure single-user transit, even when dealing with high traffic flow. When paired with your preferred biometric hardware and building's access control system, these portals provide 24/7 automated security. This means that visibility regarding transits through your building will be uncompromised. With the largest range of portals on the market, Meeson's Cylindrical Security Portals provide entrance solutions where prevention and protection remain a top priority.

## Ideal for...

### Your considerations

Whether safeguarding sensitive data or ensuring the physical safety of your premises, Cylindrical Portals provide anti-tailgating, streamline transit and space-efficient entrance solutions. We provide a selection of portals that have been independently tested and certified by LPS with some being accredited by SBD. So, when security is critical, our Cylindrical range will deliver secure and superior intrusion prevention.

### Fine-tuned to your needs

Offering the most extensive selection of finishes on the market, our Cylindrical range accommodates any structure, space, or specification to create a secure entrance solution. Regardless of your security demands, our portals seamlessly integrate with your building's existing security systems and its physical exterior to ensure precise access control and complete protection.

### Benefits to your business

- Prevents tailgating and unauthorised access to provide absolute assurance
- Grants complete control and visibility of transits through your building
- Enhances business operation by upgrading security levels.
- Increases cost efficiency by minimising reliance on in-person security

### Benefits to users

- Generates a secure and safe workspace atmosphere
- Evokes a sense of openness to create a smooth entrance experience
- Enables stress-free transit during peak hours and high traffic.



“We are delighted with the Security Portals Meesons have provided, the stylish design of the solutions complement the building’s modern appearance, and the low power consumption ties in with our sustainable vision. Meesons have succeeded in providing an added level of secure access to a high profile building – without inhibiting authorised access or compromising aesthetics within the entrances of the building.”

Francis Crick Institute  
Head of Security



# Cylindrical C1 Portal



The C1 Cylindrical Security Portal is a prestigious high security, space-saving entrance solution; a compact but effective way of securing smaller spaces.

## Key Features



Anti-Vandal



Anti-Tailgating



Connectivity



Touchless



High Security



Low-Throughput

### DIMENSIONS

**External Width**

988mm

**External Depth**

988mm

**Internal Diameter**

820mm

**Entrance Width**

600mm

**Internal Height**

B70 2050mm | R12 2048mm

**External Height**

B70 2382mm | R12 2220mm



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## Cylindrical C101 Portal

The C101 Cylindrical Portal is the ideal solution for 24/7 access into gyms. Compact with external diameter of 101cm and entrance width of 70cm, it can fit into even the most restricted spaces. By being wall-mounted, it offers the utmost space efficiency. Featuring a unique “C” shaped door that slides open, it allows those authorised to pass through comfortably.

### Key Features



Anti-Tailgating



Connectivity



Touchless



Medium Security



Low-Throughput

#### DIMENSIONS

##### External Width

1010mm

##### Internal Diameter

850mm

##### Entrance Width

700mm

##### Internal Height

2086mm

##### External Height

2320mm



# Cylindrical C2 Portal



The C2 Cylindrical Security Portal is an elegant high-security interlock system that restricts entry until presented with valid authorisation. Its 700mm opening elevates user comfort while maximising space efficiency, allowing seamless installation between walls in secure areas.

## Key Features



Anti-Vandal



Anti-Tailgating



Connectivity



Touchless



High Security



Low-Throughput

### DIMENSIONS

**External Width**

1151mm

**External Depth**

1151mm

**Internal Diameter**

970mm

**Entrance Width**

700mm

**Internal Height**

B70 2050mm | R12 2048mm

**External Height**

B70 2382mm | R12 2220mm





# Cylindrical C3 Portal



The C3 Cylindrical Security Portal is a secure and customisable entrance solution offering wider access with options for a bi-parting 4-door or standard 2-door configuration, ideal for wheelchair access and high-throughput areas.

## Key Features



Anti-Vandal



Anti-Tailgating



Connectivity



Touchless



High Security



Low-Throughput

### DIMENSIONS

**External Width**

1381mm

**External Depth**

1381mm

**Internal Diameter**

1220mm

**Entrance Width**

860mm - 890mm

**Internal Height**

B70 2050mm | R12 2048mm

**External Height**

B70 2382mm | R12 2220mm



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## Cylindrical C4 Portal

The C4 Cylindrical Security Portal is a dual entry interlock that forbids simultaneous opening of the secure and non-secure side doors. Its unique design facilitates flexible transit in high-traffic, space-limited areas; it effectively minimises space but maximises efficiency.

### Key Features



Anti-Vandal



Anti-Tailgating



Connectivity



Touchless



High Security



High-Throughput

#### DIMENSIONS

##### External Width

1750mm

##### External Depth

988mm

##### Internal Diameter

820mm

##### Entrance Width

600mm

##### Internal Height

B70 2050mm | R12 2048mm

##### External Height

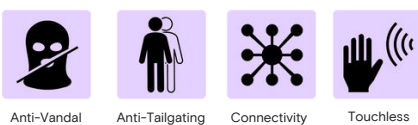
B70 2382mm | R12 2220mm



# Cylindrical C5 Portal

The C5 Cylindrical Security Portal features a unique secure mantrap solution with an integrated emergency exit door. Opening the emergency door triggers the portal doors to slide away, granting a spacious opening for deliveries, wheelchair access or emergency egress; upon closure, the system swiftly resets to its highly secure interlock for default operation.

## Key Features



Anti-Vandal    Anti-Tailgating    Connectivity    Touchless



High Security    Low-Throughput    EA    Emergency

### DIMENSIONS

**External Width**  
1850mm

**External Depth**  
995mm

**Internal Diameter**  
820mm

**Entrance Width**  
590mm

**Internal Height**  
x

**External Height**  
B70 2382mm | R12 2220mm

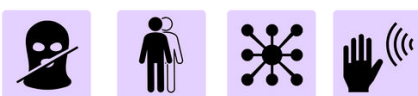


# Cylindrical C190 Portal



The C190 Cylindrical Security Portal revolutionises high-throughput areas by reducing the need for a revolving door. As our largest model, this portal can be used as an anti-tailgating high-security interlock or as a prestigious entrance that enables fast multi-user transit, a versatile yet streamlined way of securing high-traffic areas.

## Key Features



Anti-Vandal    Anti-Tailgating    Connectivity    Touchless



High Security    High-Throughput    EA    Emergency

### DIMENSIONS

**External Width**

1911mm

**External Depth**

1911mm

**Internal Diameter**

1760mm

**Entrance Width**

1200mm

**Internal Height**

2300

**External Height**

B70 2530mm | R12 2220mm

# Technical Specifications

- Standard Feature
- Option
- ✗ Not Available

Cylindrical Portals	C1	C2	C3	C4	C5	C101	C190
External Width (mm)	988	1151	1381	1750	1850	1010	1911
External Depth (mm)	988	1151	1381	988	995	1010	1911
Internal Diameter (mm)	820	970	1200	820	820	850	1760
Entrance Width (mm)	600	700	860 - 890	600	590	700	1200
Internal Height - B70 (mm)	2050	2050	2050	2050	✗	2086	2300
Internal Height - R12 (mm)	2048	2048	2048	2048	✗	✗	✗
External Height - B70 (mm)	2382	2382	2382	2382	2382	2320	2530
External Height - R12 (mm)	2220	2220	2220	2220	2220	✗	2220
<b>Anti Vandal / Bullet Resistant</b>							
P2A	●	●	●	●	●	✗	●
P4A	●	●	●	●	●	✗	●
P6B/ BR3	●	●	●	●	●	✗	●
P7B/ BR3	●	●	●	●	●	✗	●
P8B / BR4	●	●	●	●	●	✗	●
<b>Attack Resistance</b>							
Class 3	●	●	●	✗	✗	✗	●
Class 4	●	●	●	✗	✗	✗	✗
Approved to LPS 1175: Issue 8	●	●	●			✗	●
C5 (SR3)	●	●	●	✗	✗	✗	●
B3 (SR2)	●	●	●	✗	✗	✗	●
A1 (SR1)	●	●	●	✗	✗	✗	●
<b>Secured by Design Accredited</b>	●	●	●	✗	✗	✗	●

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