



Cylinder Portals

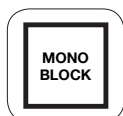
Co136, Co137, Co138
with round base

Self-managed with interlocking doors system,
metal detector and single passage checking
system (anti-hostage and piggybacking
detection systems).



CYLINDER PORTALS SELF-MANAGED WITH ROTATING DOORS

Security Portals with *interlocking doors system* and *weighing cell system*. Metal detector and access control systems integration.



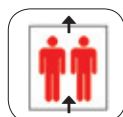
MONOBLOCK
STRUCTURE



SINGLE PASSAGE
CHECKING SYSTEM



WEIGHING
SYSTEM



PIGGYBACKING
DETECTION SYSTEM



METAL
DETECTOR



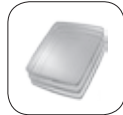
ACCESS CONTROL
SYSTEM INTEGRATION



FACE DETECTION
(anti-masking system)



FINGERPRINT
ACQUISITION



BULLETPROOF
ANTI-BURGLARY



Energy saving

Thermal insulation: the outside
air doesn't enter directly into
contact with the internal one.



Co136.60



Co137.60

Certified glass on Co136:
Bulletproof BR3 UNI EN1063
Anti-burglary P6B UNI EN356

Certified glass on Co137:
Bulletproof BR2 UNI EN1063
Anti-burglary P6B UNI EN356



Co136 and Co137 versions:

Model	Dimensions (mm)	Passage (mm)	Floor thickness (mm)	Weight (Kg)	Certified glass	Structure
Co136.60	Ø1050 x H2400	600	65	800	26/27mm laminated glass BR3 EN1063 and P6B EN356	40/10 steel pressure bent sheet (monoblock)
Co137.60	Ø1050 x H2350	600	20	900	23/24mm laminated glass BR2 EN1063 and P6B EN356	
Co137.70	Ø1150 x H2350	700	20	900		

These models can be made of stainless steel

“ A magic security cylinder. Designed for places where access control is a priority.



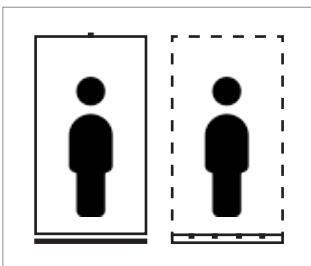
SELF-MANAGED PORTAL

The Portal has a built-in **single passage checking system**. At the same time it interacts with access control systems, metal detector and **weighing cell** to control the user's passage, providing: firearms detection, abandoned object detection, anti-hostage system / anti-piggybacking detection, blocking the access to unauthorized people.



HIGH PROTECTION

A modern and professional entrance with anti-burglary high levels. The perfect solution for: banks, embassies, prisons, congress centers, datacentres, industries, etc. Metal detector is optional and badge/proximity readers can be integrated to create a real security barrier against unauthorized access.



WEIGHING SYSTEMS

Two different weighing systems, one for Co136 model, basket-type, it checks the weight variation* on the floor, sides and ceiling; the other for Co137 model, platform-type, it checks the weight variation* on the floor (*4-cell platform weighing system*).

[*higher than 200grams]



ACCESS CONTROL SYSTEMS

Integration with modern access control systems, like: badge / proximity readers, fingerprint acquisition, face detection systems or any other biometric solution.



EQUIPMENT & ACCESSORIES

- Self-managed high security portal with *basket weighing system* (Co136) and *4-cell platform weighing system* (Co137):
 - Single passage checking system (anti-hostage and anti-piggybacking)
 - Abandoned object detection (weight higher than 200 grams)
- Doors and side walls: 26/27mm laminated glass (Co136)
- Doors and side walls: 23/24mm laminated glass (Co137)
- Person presence IR sensor
- Traffic light panels
- Multilanguage Synth-voice system
- Emergency Button
- Intercom
- Interior lighting
- Professional Portal's Console (functions management and setting)
- Emergency exit management
- Access Control Systems (Fingerprint acquisition, face detection, etc.)
- CEIA Metal detector models: PN7, PN8Hipe, PN8Hipe/CF on request

Applications areas: Banks, Embassies, Prisons, Museums, Congress centres, Datacentres, etc.

Co136/Co137 SERIES TECHNICAL FEATURES



WEIGHT: about 800 Kg for Co136 and about 900 Kg for Co137 model.



POWER SUPPLY: a 230/24V a.c. isolation class 2 transformer included.



OPERATING VOLTAGE for Co136: 24V a.c. with 2 x 12V batteries (7.2 Ah) for activity without power supply (up to 8h). **For Co137** 24V a.c. with 2 x 12V batteries (18 Ah) for activity without power supply (30h in standby, 16h with 2 passages per minute).



STRUCTURE: 40/10 steel pressure bent sheet, monoblock structure.



PAINTING: embossed, according to standard RAL colors or stainless steel covering (special colors on request).



FUNCTIONS SETTING: emergency/block; automatic/manual transit; passage: mono/bidirectional.



GLASS on Co136: 26/27mm laminated glass, bulletproof BR3/S EN1063 and anti-burglary P6B EN356 certifications.



GLASS on Co137: 23/24mm laminated glass, bulletproof BR2/S EN1063 and anti-burglary P6B EN356 certifications.



MOVEMENT: electro-mechanical engine 24V c.c. with torque control and reversible handling.



ELECTRONICS: control unit, self-diagnosis system by microprocessor.



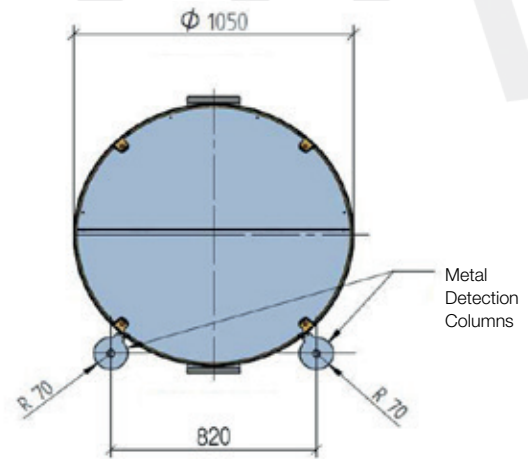
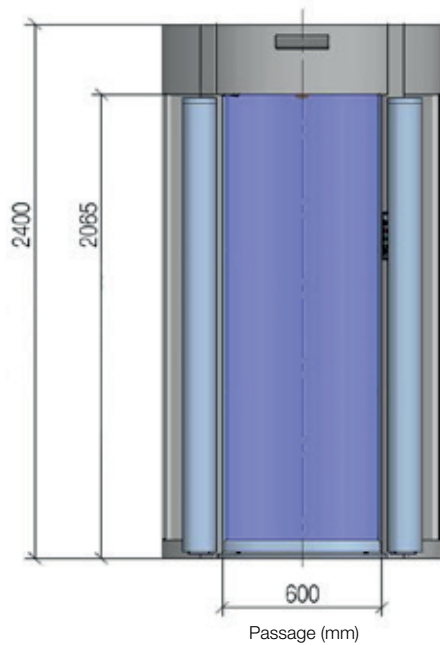
SAFETY / ACCIDENT PREVENTION: integrated torque control in motion, pneumatic coasts with open circuit air flow detector.



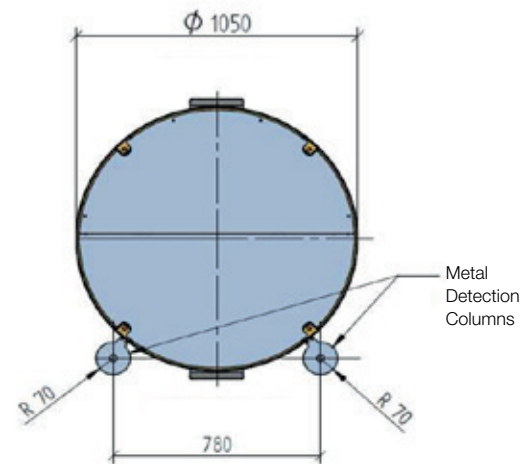
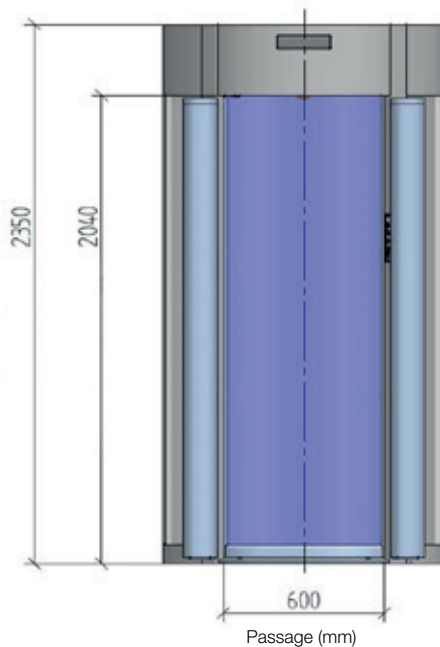
CE CERTIFICATIONS: built to satisfy the following European normatives, Machinery Directive, Electromagnetic compatibility Directive, Low voltage security.

DIMENSIONS SCHEMA (Co136 and Co137 models, size data and perspectives).

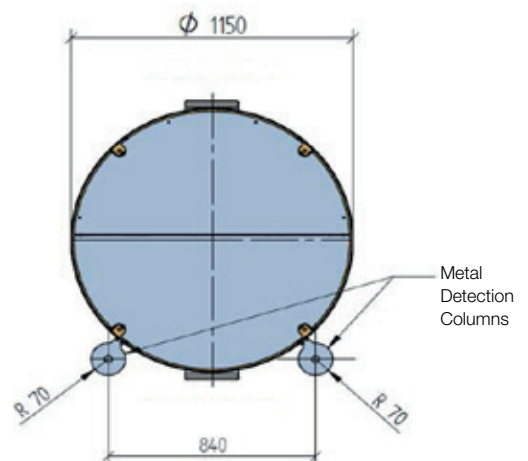
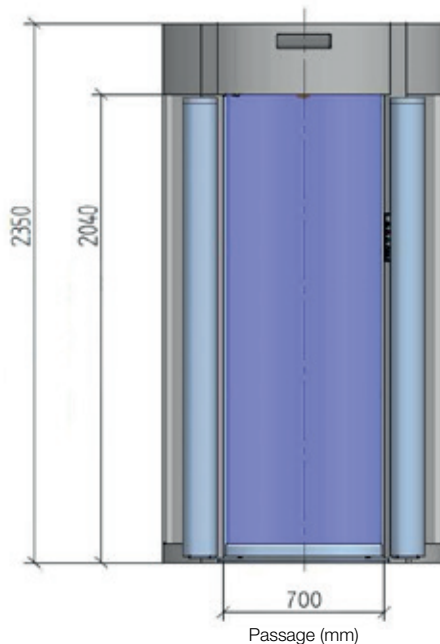
Co136.60
(mm dimensions)



Co137.60
(mm dimensions)



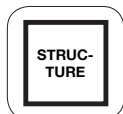
Co137.70
(mm dimensions)



Co138 Series Round base

PANORAMA CYLINDER PORTAL SELF-MANAGED WITH ROTATING DOORS

Security Portals with *interlocking doors system* and *weighing cell system*. Metal detector and access control systems integration (monoblock or removable structure).



REMOVABLE
STRUCTURE



SINGLE PASSAGE
CHECKING SYSTEM



8-CELL WEIGHING
SYSTEM



PIGGYBACKING
DETECTION SYSTEM



METAL
DETECTOR



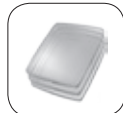
ACCESS CONTROL
SYSTEM INTEGRATION



FACE DETECTION
(anti-masking system)



FINGERPRINT
ACQUISITION



BULLETPROOF
ANTI-BURGLARY

Certified glass on Co138:

Bulletproof BR2 UNI EN1063

Anti-burglary P6B UNI EN356



CoMETA produces the Co138.S90 model with removable structure (it can be directly installed on customer's site)



Energy saving

Thermal insulation: the outside air doesn't enter directly into contact with the internal one.



Usable by people
with disabilities

Co138.S90 black glass version



Co138 version:

Model	Dimensions (mm)	Passage (mm)	Floor thickness (mm)	Weight (Kg)	Certified glass	Structure
Co138.S90	Ø1500 x H2400	900	25	1300	20/21mm laminated glass BR2 EN1063 and P6B EN356	Removable

These models can be made of stainless steel

“ A wide security portal, designed for big entrances and wheelchairs passage.



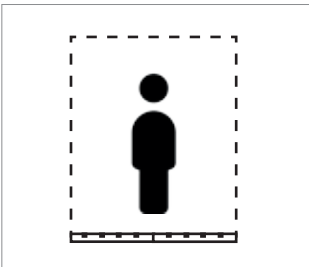
SELF-MANAGED PORTAL

The Portal has a built-in **single passage checking system**. At the same time it interacts with access control systems, metal detector and **weighing cell** to control the user's passage, providing: firearms detection, abandoned object detection, anti-hostage system / anti-piggybacking detection, blocking the access to unauthorized people.



HIGH PROTECTION

A wide and professional entrance with anti-burglary high levels. The perfect solution for: banks, embassies, prisons, congress centers, datacentres, industries, etc. Metal detector is optional and badge/proximity readers can be integrated to create a real security barrier against unauthorized access.



8-CELL PLATFORM WEIGHING SYSTEM

The weighing system on Co138 model is with 8 cells, it checks the weight variation (higher than 200 grams) on the floor, and can detect abandoned objects (for ex. the system goes in alarm if someone leaves/hides a knife or a small firearm on the floor).



ACCESS CONTROL SYSTEMS

Integration with modern access control systems, like: badge / proximity readers, fingerprint acquisition, face detection systems or any other biometric solution.



EQUIPMENT & ACCESSORIES

- Removable structure (can be directly installed on customer's site)
- Self-managed high security portal with 8-cell platform weighing system:
 - Single passage checking system (anti-hostage and anti-piggybacking)
 - Abandoned object detection (weight higher than 200 grams)
- Doors and side walls: 23/24mm laminated glass
- Person presence IR sensor
- Traffic light panels
- Multilanguage Synth-voice system
- Emergency Button
- Intercom
- Interior lighting
- Professional Portal's Console (functions management and setting)
- Emergency exit management
- Access Control Systems (Fingerprint acquisition, face detection, etc.)
- CEIA Metal detector models: PN8Hipe, PN8Hipe/CF on request



Applications areas: Banks, Museums, Companies, Congress centres, Datacentres, Embassies, etc.

Co138 SERIES TECHNICAL FEATURES



WEIGHT: about 1300 Kg depending on accessories.



POWER SUPPLY: a 230/24V a.c. isolation class 2 transformer included.



OPERATING VOLTAGE: 24V a.c. with 2 x 12V batteries (7.2 Ah) for activity without power supply (8h in standby, 6h with one passage per minute).



STRUCTURE: 40/10 steel pressure bent sheet, monoblock structure.



PAINTING: embossed, according to standard RAL colors or stainless steel covering (special colors on request).



FUNCTIONS SETTING: emergency/block; automatic/manual transit; passage: mono/bidirectional.



GLASS on Co136: 20/21mm laminated glass, bulletproof BR2/S EN1063 and anti-burglary P6B EN356 certifications.



MOVEMENT: electro-mechanical engine 24V c.c. with torque control and reversible handling.



ELECTRONICS: control unit, self-diagnosis system by microprocessor.



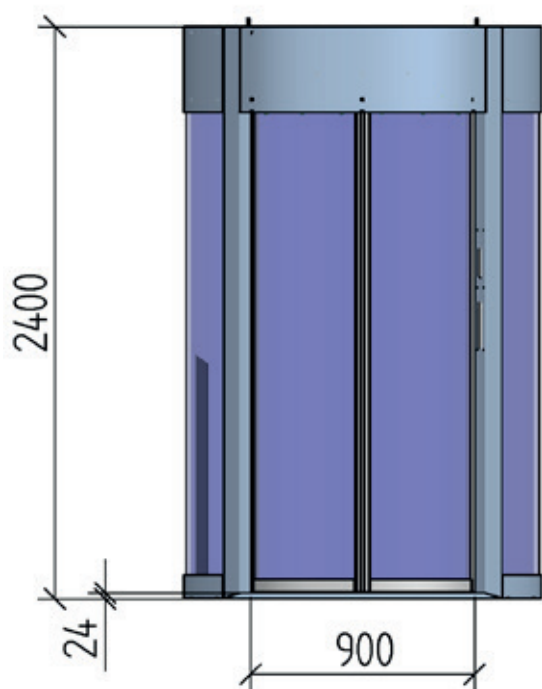
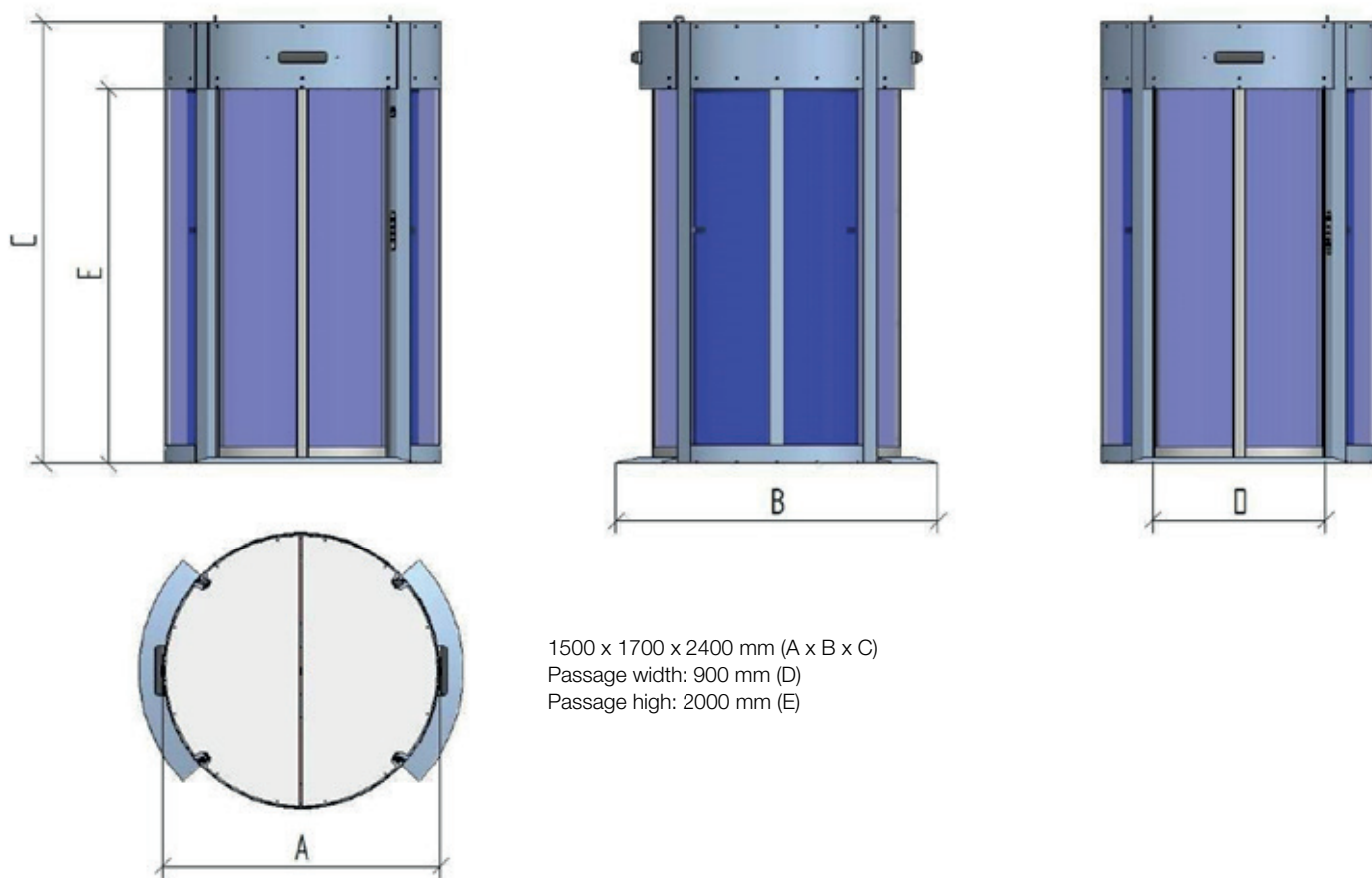
SAFETY / ACCIDENT PREVENTION: integrated torque control in motion, pneumatic coasts with open circuit air flow detector.



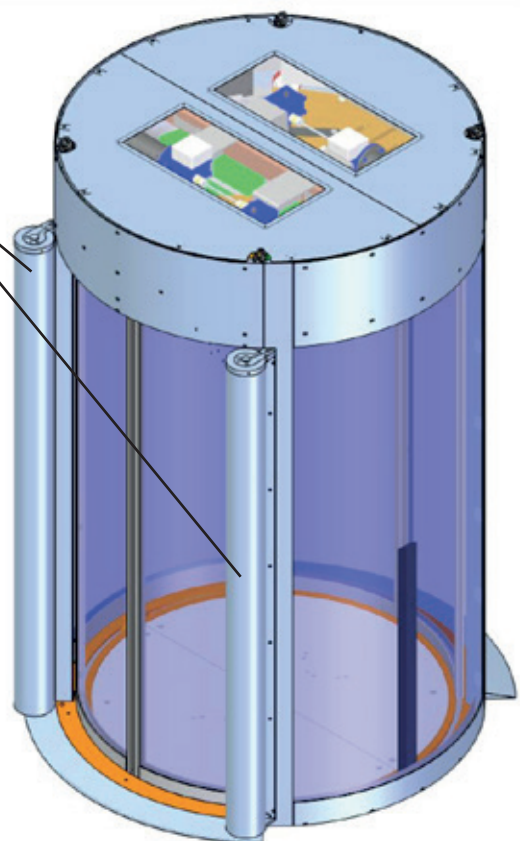
CE CERTIFICATIONS: built to satisfy the following European normatives, Machinery Directive, Electromagnetic compatibility Directive, Low voltage security.

DIMENSIONS SCHEMA

Co138 model, size data and perspectives.



Metal Detector
Columns
(optional,
removables)



REAL APPLICATIONS EXAMPLES





Certifications

All the certifications constitutes a valid reference point for those who demand high performance, quality and reliability. CoMETA achieved important international certifications.

Products certifications: it is important to remember that CoMETA products are **always tested** by our internal testing department and certified by Qualified Organizations (especially when required by regulations and laws).

Anti-burglary levels are tested in accordance with international standards, on: external structure, glass, security locks, security doors and protection elements.



CoMETA achieved important international certifications: ISO9001 certified quality systems, OHSAS18001 occupational health and safety assessment series, ISO14001 environmental management system.

CoMETA S.p.A.

Headquarters - Florence, Italy

Via Leonardo da Vinci, 116 - 50028 Tavarnelle Val di Pesa

Tel: +39 055 8070303 - Fax: +39 055 8070505

info@cometaspa.com

www.cometaspa.com

CoMETA France

Headquarters

Paris, France

33, Rue des Chardonnerets
ZAC de Paris Nord II

93290 Tremblay En France

Tel.: +33 (0)1 48630204

Fax: +33 (0)1 48630280

info@cometafrance.com

www.cometafrance.com

Milan

Business Branch

Milan, Italy

Tel.: +39 3315270237

infomi@cometaspa.com

Padua

Business Branch

Padua, Italy

Viale del lavoro, 70

Z.I. Roncagette

35020 Ponte S. Niccolò

Tel.: +39 049 8966592

Fax: +39 049 719295

infopd@cometaspa.com

Rome

Business Branch

Rome, Italy

Tel.: +39 3917380513

inform@cometaspa.com