CoMETA
Reliable Security

Cylinder Portals
Co136, Co137, Co138
with round base

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

MADE IN ITALY

CE

Co136/Co137 Series

CYLINDER PORTALS
SELF-MANAGED WITH ROTATING DOORS

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

MONO BLOCK — MONOBLOCK STRUCTURE

SINGLE PASSAGE CHECKING SYSTEM

WEIGHING CELL SYSTEM

PIGGYBACKING DETECTION SYSTEM

METAL DETECTOR

ACCESS CONTROL SYSTEM INTEGRATION

FACE DETECTION (anti-masking system)

FINGERPRINT ACQUISITION

BULLETPROOF & BURGLARPROOF

Certified glass on Co136:
Bulletproof BR3 UNI EN1063
Burglar proof P6B UNI EN356

Certified glass on Co137:
Bulletproof BR2 UNI EN1063
Burglar proof P6B UNI EN356

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

Co136.60

Co137.60

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

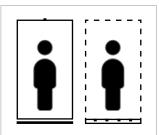> **A magic security cylinder. Designed for places where access control is a priority.**

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 burglar proof 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*).
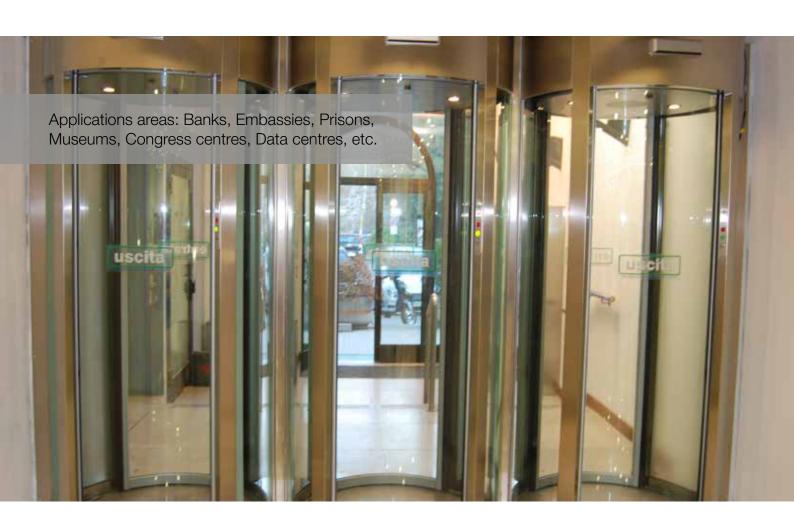[*higher than 200grams]

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
- Portal 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, Data centres, 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 burglar proof P6B EN356 certifications.

GLASS on Co137: 23/24mm laminated glass, bulletproof BR2/S EN1063 and burglar proof 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.
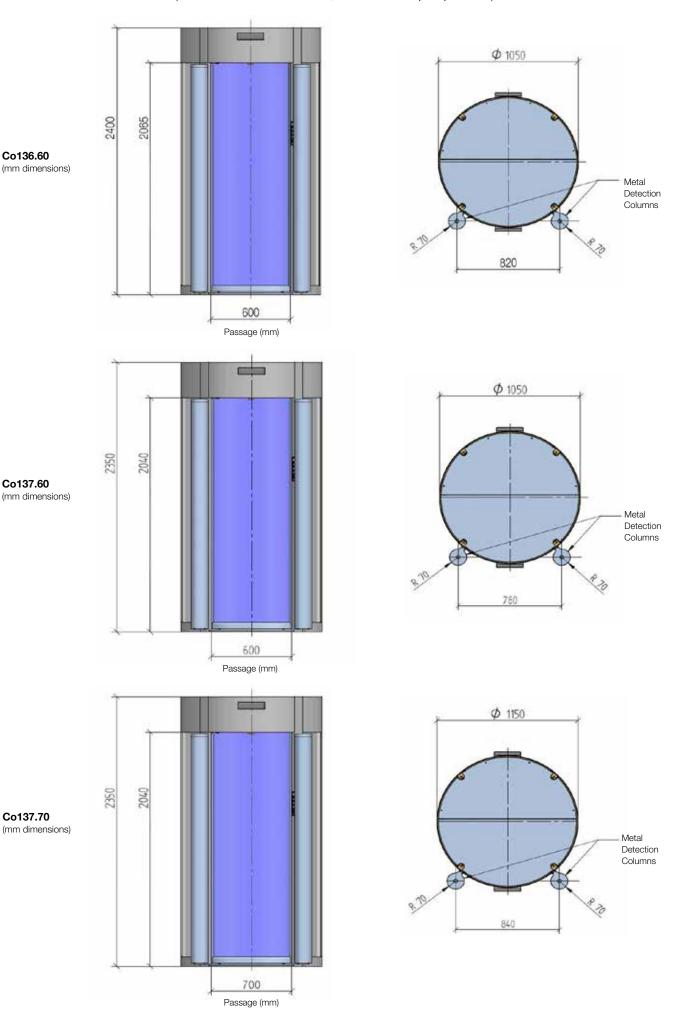
CE CERTIFICATIONS: built to satisfy the European normatives of Machinery Directive, Electromagnetic compatibility Directive, Low voltage security.

MODEL DRAWINGS (Co136 and Co137 models, size data and perspectives).

Co136.60
(mm dimensions)

2400
2065
600
Passage (mm)

Ø 1050
Metal Detection Columns
R 70
R 70
820

Co137.60
(mm dimensions)

2350
2040
600
Passage (mm)

Ø 1050
Metal Detection Columns
R 70
R 70
780

Co137.70
(mm dimensions)

2350
2040
700
Passage (mm)

Ø 1150
Metal Detection Columns
R 70
R 70
840

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 (demountable structure).

STRUCTURE — DEMOUNTABLE 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 & BURGLAR PROOF

Certified glass on Co138:
Bulletproof BR2 UNI EN1063
Burglar proof P6B UNI EN356

Thanks to its demountable structure, Co138 can be directly installed on 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
Dark 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	Demountable

These models can be made of stainless steel

" A wide security portal, designed for big entrances and wheelchairs passage.
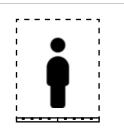
SELF-MANAGED PORTAL

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 detects abandoned objects (for ex. the system goes in allarm if someone leaves/hides a knife or a small firearm on the floor).
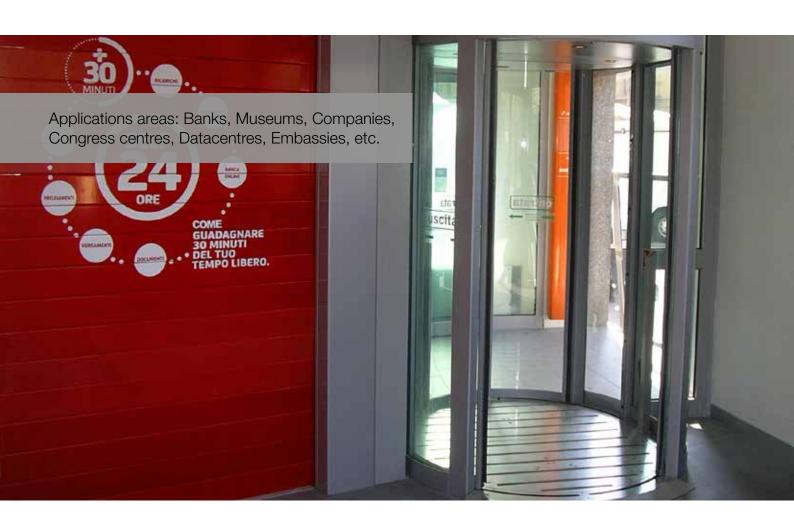
ACCESS CONTROL SYSTEMS

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
- Portal 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 burglar proof 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.
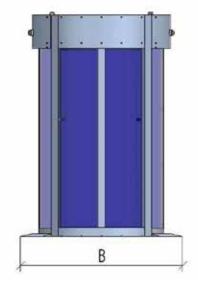
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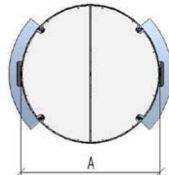
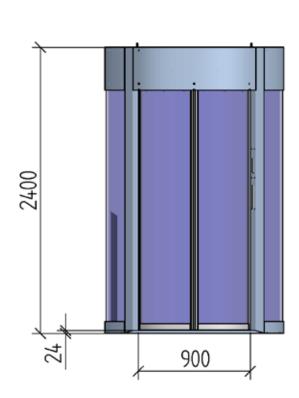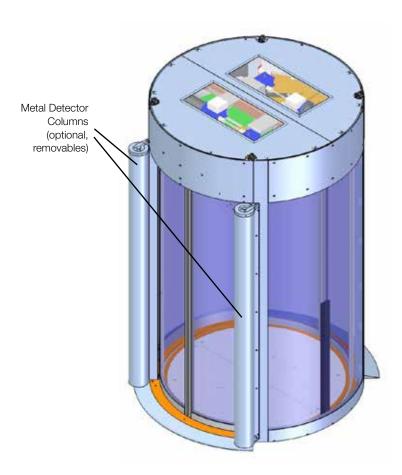# Co138 DRAWINGS

Co138 model, size data and perspectives.

1500 x 1700 x 2400 mm (A x B x C)
Passage width: 900 mm (D)
Passage high: 2000 mm (E)

Metal Detector
Columns
(optional,
removables)

CoMETA
Reliable Security

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).

Burglar proof 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 - Reliable Security]

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