

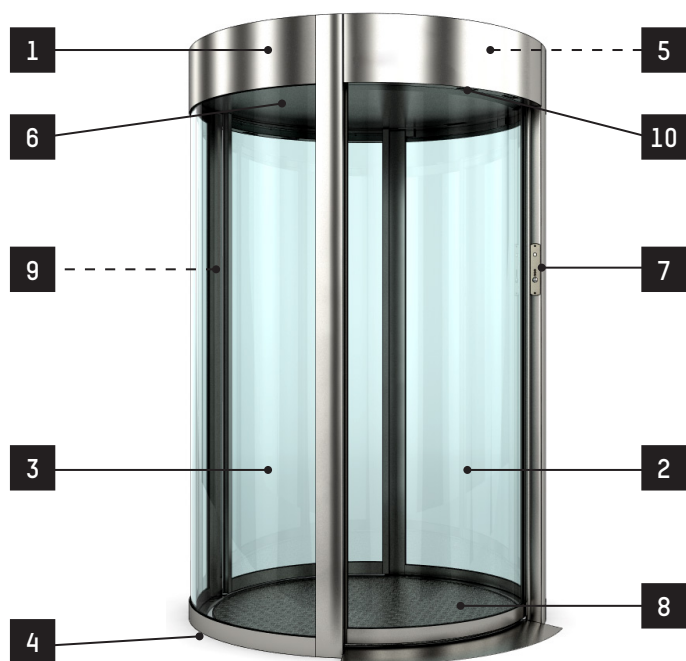
# CL 637 / CL 638

## Datasheet

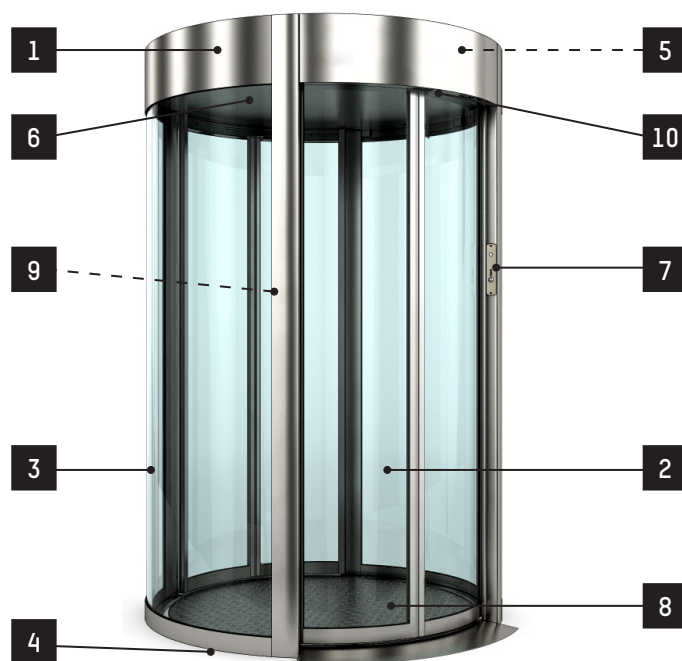
Rev. 07 • Update 01/2021

**AUTOMATIC**  
SYSTEMS

**ClearLock**



CL 637



CL 638

The **ClearLock 63x** series, automatic round security booths are designed to provide high security access control.

The **ClearLock 637 and 638** are motorised and bi-directional. It is answering to the market demand in term of unicity of detection, bullet resistance and burglary or vandalism resistance.

Consisting of a frame, a painted steel housing and glass panels, the high-security **ClearLock** series booths provide thermal insulation and stand out in their surroundings.

The security booth provide a free passage of **900 mm (for ClearLock 637)** and **850 mm (for ClearLock 638)** and an external diameter of **1.500 mm**.

### AVAILABLE VERSIONS :

- ClearLock 637: one door at the Entry and one door at the Exit
- ClearLock 638: 2 doors at the Entry and 2 doors at the Exit

### DESCRIPTION

1. Painted steel **upper casing** containing the drive mechanism and the control board unit of the security booth.
2. **Mobile obstacles** in laminated glass BR2S P6B. Each door panel is equipped with a protection ensuring the safety of users.
3. **Two lateral panels** made of painted steel and laminated clear glass BR2S P6B.
4. **Resin floor** of 25 mm thick for installation on a finished floor.
5. Control board unit & motorisation comprising:
  - Programmable electronic board;
  - I/O interface board for access control system;
  - Remote console for operating mode adjustment;
  - Voice messages device;
  - Two back-up batteries ensuring 100 cycles in case of power failure;
6. **Spotlights** for the passageway lighting.
7. **Function pictograms**: red and green LED displays indicating the status of the security booth. And also push button, intercom and/or access badge reader, according to the need.
8. **Presence sensors and single person detection device (weighing system)**.
9. **Emergency opening button and call bell**.
10. **Lock** for external door locking.




## CONFIGURATIONS

1. RAL7035 Light Grey (by default) - RAL9011 Black - RAL9010 White - RAL8019 dark brown.
2. Position du profilé pour lien avec cloison murale.
3. In the event of a power failure:
  - all doors open manually (default).
  - the exit door (inside) remains blocked
  - the front door (outside) opens manually
  - all doors remain locked
4. Integration of card reader, intercom and/or push button at the entry and/or exit of the booth.
5. Choice of the language of voice message and control consol.

## SURFACE TREATMENT

All the mechanical parts are treated against corrosion by electro zinc, according to RoHS norms.

## STANDARD TECHNICALS CHARACTERISTICS

Power supply	230 V single phase, 50/60 Hz, 10 A + ground	
Power consumption	200W	
Temperature	- 10° C / 55° C	
Battery backup	2 batteries 2 Ah to allow operation in case of power failure.	
Motors	2 motors 24Vdc for reversible movement of the doors, with closing safety lock. Opening of both the doors in case of emergency.	
Passages (such data do not consider the possible working times due to utilization of card/ badge readers)	<ul style="list-style-type: none"> <li>- 6 passages/minute in one direction</li> <li>- 8/9 passages/minute in both directions</li> </ul>	
Dimensions (mm)	<b>CL 637</b>	<b>CL 638</b>
Overall dimensions:	Height: 2350 Diameter: 1500	Height: 2350 Diameter: 1500
Clearance dimensions:	Height: 2074 Width: 900	Height: 2075 Width: 850
Weight	1000 kg	
MCBF	1 Mo of cycles or 2 years when respecting recommended maintenance	
MTTR	1 hour	
	Conforms to European norms.	

## WORKS TO BE CARRIED OUT (NOT SUPPLIED)

- Fixing on the floor
- Power supply
- Connection between booth and access control devise

**Note:** refer to installation drawing.

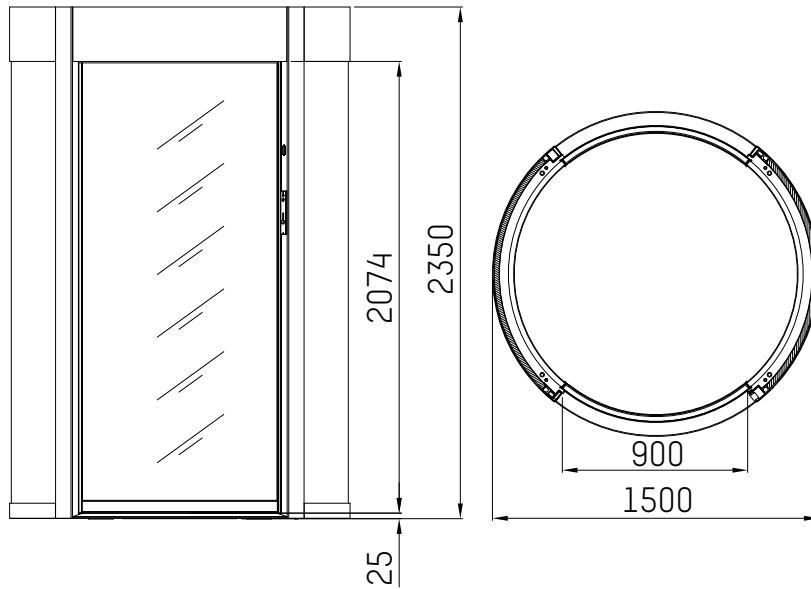
## OPTIONS

1. All lateral and mobile glasses in laminated glass BR3S P6B or BR4S P8B (EN1063+EN356).
2. BR4NS P8B glasses alternatives.
3. Product structure in FB4 certificated metal (EN1522).
4. Force entry resistance RC4 (EN1627) (all mobile & lateral BR3S P6B or BR4S P8B glasses included) - *only for CL 637*.
5. Rain protection / product with weight detection (+50 mm height of the product).
6. Heating of the canopy for outside front installation.
7. Metal detector device & left object detection device (entry way only).
8. Mechanical emergency opening system (external + internal doors).
9. Opening internal roof for assistance service.
10. Frosted glass.
11. Microswitch contact under the cover for anti infraction alarm.
12. Housing other RAL paint or smooth finish paint.
13. Housing 304L stainless steel (brushed).
14. Floor frame for built-in installation.
15. Special support for installation on technical floor.
16. Support for reader (card, biometric...), placed inside the booth.
17. Mechanical locker for metal objects with 10 drawers .
18. Radar for automatic door opening (entry or/and exit way).
19. Colour video camera inside of the booth.
20. Auxiliary control console (in connection with the standard control console).
21. Remote special console with extra buttons.
22. 12V 7 Ah batteries (2).
23. Support for readers (width > 4 cms) (entry/exit).
24. Converter RS485 to LAN for network consoles.
25. Service kit (cable, software, key...).
26. Touchscreen remote console.
27. SUPERCONSOLE Kit for PC.

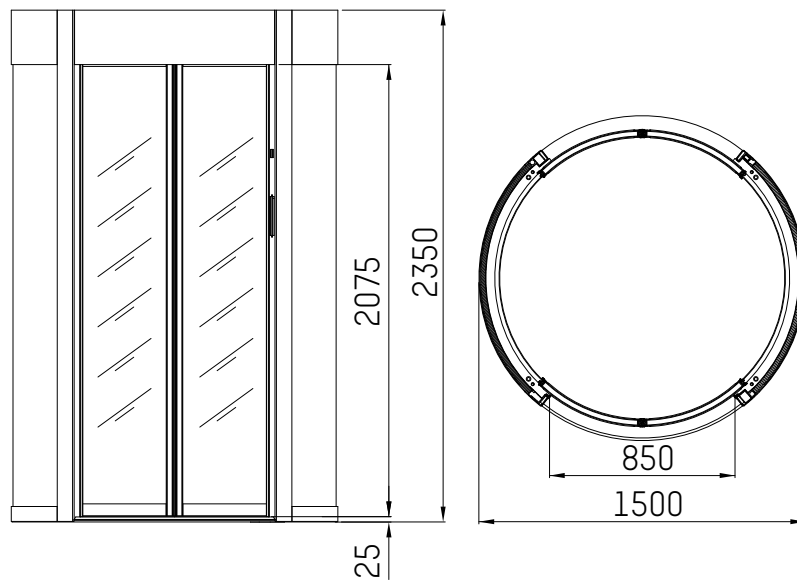
**Note:** For restrictions on options, refer to the price list.

STANDARD DIMENSIONS (MM)

CL 637



CL 638



Headquarters

Avenue Mercator, 5  
1300 Wavre - Belgium



✉ helpdesk.as@automatic-systems.com



+32.(0)10.23.02.11



www.automatic-systems.com

