

Technical datasheet

CL 637-FT-EN-05

Access controlled...
Future secured



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

The **ClearLock 637** security booth is equipped with **two mobile obstacles** which provide a free passage of **900 mm** and an external diameter of **1.500 mm**.

The **ClearLock 637** is 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.

DESCRIPTION:

1. Painted steel **upper casing** containing the drive mechanism and the control board unit of the security booth.
2. **Two 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;
 - Electro-mechanical lock of the obstacles (*with programmable unlocking in case of power failure*);
 - Safety cells for reopening in case a presence is detected in front of the obstacles (*anti-pinch safety*).
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 Grey - RAL9011 Black - RAL9010 White - RAL8019 dark brown.
2. In case of power failure, all or only entry door can be open manually.
3. Integration of card reader, intercom and/or push button at the entry and/or exit of the booth.
4. 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.
Gear motor	24 VDC - Reversible
Torque limiter	Electronic
Passages <i>(excluding activation time of the access control device)</i>	5 persons / min.
Power consumption	200 W
Weight	1000 kg depending on glass
Operating T°	from -10° to +55°C
Max relative humidity	90%, without condensation
MCBF	1 Mo of cycles or 2 year when respecting recommended maintenance
MTTR	1 hour
CE	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.

OPTIONAL:

1. All lateral and mobile glasses in laminated glass BR3S P6B or BR4S P6B (EN1063+EN356).
2. BR4S P8B or BR4NS P6B glasses alternatives.
3. Product structure in FB4 certificated metal (EN1522).
4. Burglary resistance RC4 (EN1627).
5. IP33 rain protection *(+ 55 mm height of the product)*.
6. Heating of the canopy.
7. Metal detector device in Entry & left object detection device *(with metal detector in Entry)*.
8. Opening internal roof for the maintenance.
9. Frosted glasses.
10. Mechanical emergency opening system *(all doors)*.
11. Anti-burglary alarm of the cover.
12. Housing other RAL paint or smooth finish paint.
13. Housing 304L stainless steel *(brushed or mirror polish)*.
14. Special frame for built-in installation.
15. Internal column for readers and accessories.
16. Radar for automatic door opening.
17. Special or auxiliary control console.
18. Support for big size reader (entry/exit).
19. Converter RS485 to LAN network consoles.
20. Dismountable booth.
21. Adaptation for UL power supply 230/110 V AC.

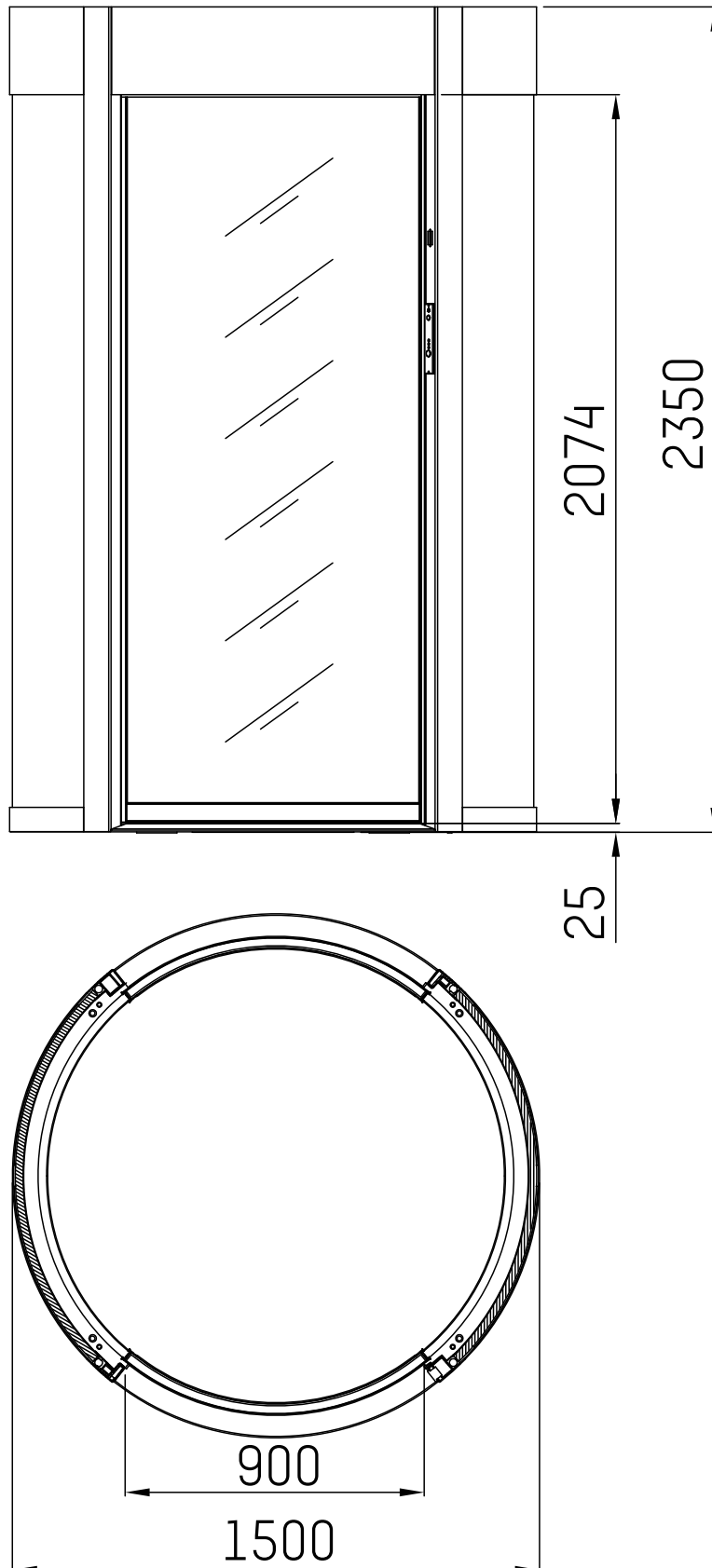
Note: For restrictions on options, refer to the price list.

CL 637

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STANDARD DIMENSIONS (mm):



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