

CABINS / ACCESS CONTROL

DUETTO MIDI ELLISSE

Duetto Midi Ellisse has been designed to answer different needs in one solution, featuring of **one extensible middle part** according to the needs. It is also possible to introduce a **third door** to create a secondary interlocked gate. Curved double doors allows high flow passage.

This cabin is almost completely glazed, due to its **light structure and the minimal design** so that it is specifically suitable, according to the sizes, for **banks, post offices, airports** entrance gates



AIRPORT APPLICATION... DEDICATED CABIN'S LENGTH



BANK APPLICATION... STAFF ENTRANCE THROUGH THIRD DOOR



INSIDE THE BANK: STAFF ENTRANCE



OUTSIDE THE BANK: CUSTOMERS ENTRANCE

Available only in separate parts, **DME**, Duetto Midi Ellisse, are installed directly on the existing building floor, so **without the need to recess them**, avoiding possible architectural barriers. DME are available with a straight (180°) passage, with 900mm free width to make them suitable also for challenged people.

DME extensible middle part can be as follow:

- 1900mm (banks, offices, buildings, post offices, ...)
- from 2500 up to 4000mm (airports)



TONALI
Security First

CLIENTS / VISITORS ENTRANCE AND EMPLOYEES ENTRANCE INTEGRATED IN ONLY ONE CABIN (L 1900 mm)

Side additional door is dedicated for employees access control, while double interlocked sliding doors manage clients passage.



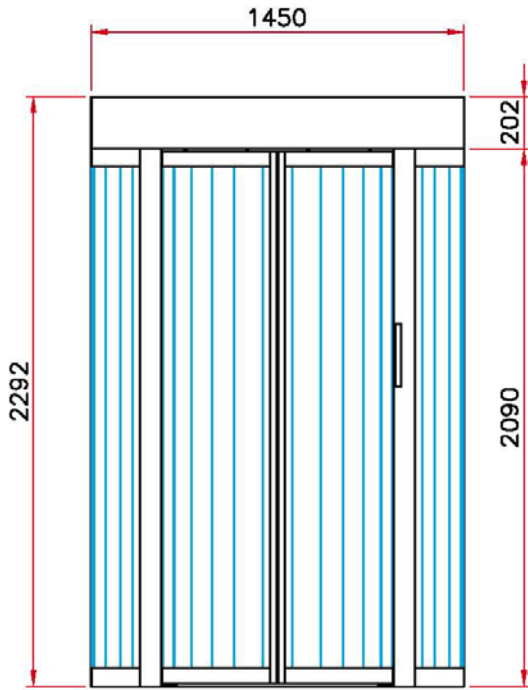
ONE WAY CORRIDORS WITH INTERLOCKED DOORS (L from 2500 up to 4000 mm)

Specifically suitable for airports areas, they grant an **higher security in comparison with usual one way corridors**.

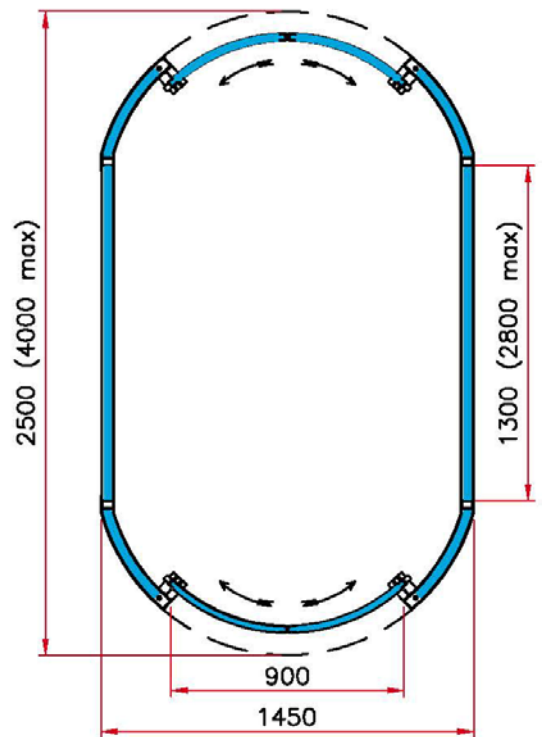
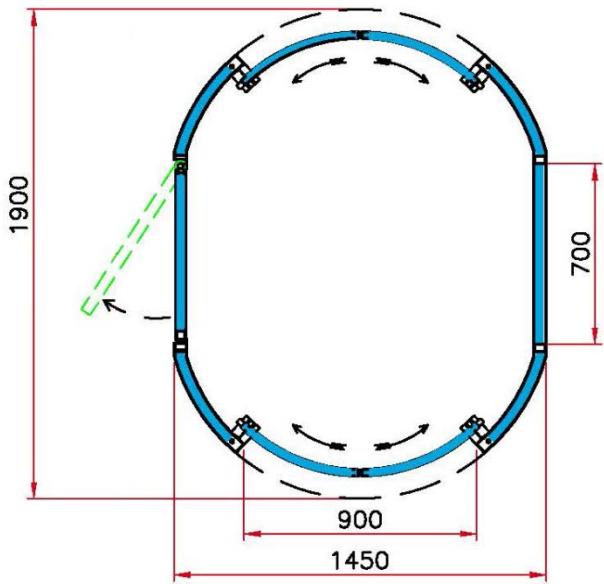
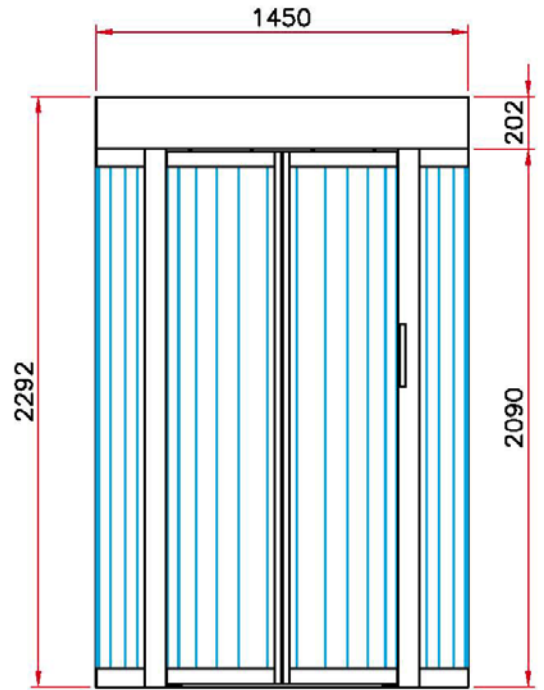
- After a group of people passage is completed, if this function is activated at the console, while the cabin is empty with both doors closed (roughly 2 seconds), the system checks possible left objects inside (on sides, on the floor, on the ceiling). In case no left object is detected, the cabin is again available for another passage.
- 900mm free width allows passage also of people with hand luggage (bags, trolleys) and of challenged people.



CONFIGURATION WITH ADDITIONAL DOOR FOR STAFF



EXTENDED CONFIGURATION FOR AIRPORTS ONE WAY CORRIDORS APPLICATIONS



FEATURES AND OPTIONS

- volumetric left object control system (configurations up to 2500mm)
- volumetric single passage checking system configurations up to 2500mm)
- digital display, menu-guided command and setting console
- intercom, voice messages and traffic-lights
- easy-link to third party manufactured access control systems (RS232 - RS485 – IBIS interfaces)
- hidden microcameras inside the cabin
- proxy, swipe-card and biometric readers easily added
- low-side mechanical key for additional locking

TECHNICAL SPECIFICATIONS

- DIMENSIONS: L 1900 x W 1450 x H 2292 mm (on request with central part extended)
- FREE PASSAGE AREA: L 900 x H 2090 mm
- WEIGHT: roughly from 850 Kg, according to configuration and additional options
- POWER SUPPLY: 230 V (110 V on request), 50/60 Hz
- VOLTAGE: 12-24 V.d.c. with back-up batteries for uninterrupted operations in case of power loss (up to 100 cycles)
- CONSUMPTION: 100W
- THROUGHPUT: 5-6 full cycles/1' one sense; 8-9 full cycles/1' two senses in the standard configuration
- FRAME
 - painted steel available only in separate parts for local assembling
 - no floor
- PAINTING AND FINISHING: RAL colours code range standards with «orange skin» finishing (flat finishing, stainless steel execution and other colours on request)
- GLASS
 - sliding doors with 11/12mm laminated thick glass rated P2A (different glass thickness on request)
 - sides with 20/21mm laminated thick glass rated BR2/S P6B
- MOVEMENT: 24 V.d.c. electric-motors assisted sliding-doors movement with reversible option for manual opening in case of total power loss
- LIGHTING: inside lighting with 12 V, 50/60 Hz led spots
- ELECTRONICS: microprocessor based electronics
- ACCIDENT PREVENTION MEASURES: self-adjusted braking, speed control and accident prevention devices
- PROGRAMMABLE OPTIONS: emergency escape/door locks; automatic/manual transit; passage one/both directions other functions available on request

