

**3G**, the new TONALI cabin for security entrances. By managing the flows through **3 Gates**, it can be **more easily guessed by people in transit** than traditional interlocked doors. Particularly suitable for **banks and access control in buildings / offices**, they are manufactured in **Kit (separate parts) for local assembly**, to meet the wider needs of space related to the transport and introduction into rooms.

3G is modern viewpoint designed, bright and technologically advanced, suitable also for challenged people passage.

User-friendly, it is **equipped with a third passage side realized with an automatic sliding door interlocked to the other curved doors**. This third passage can be use for **different functions**:

- **exit from the bank inside area** (without interfering who is ready to enter)
- **exit / return in case of alarm** (more of one person checked, MD alarm, access denied, ...):  
person crossing the cabin doesn't use the external curved door to exit the cabin, but he uses this third side sliding door. This door automatically opens when alarm is activated. In this way people ready to enter are not involved.
- **gate for restricted area access** for authorized persons only



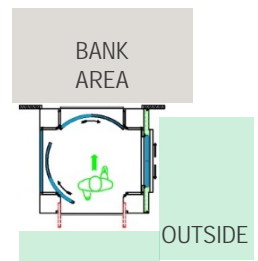
### 3<sup>rd</sup>GATE FUNCTIONS:

- EXIT
- EXIT / RETURN IN CASE OF ALARM
- ACCESS TO RESTRICTED AREAS

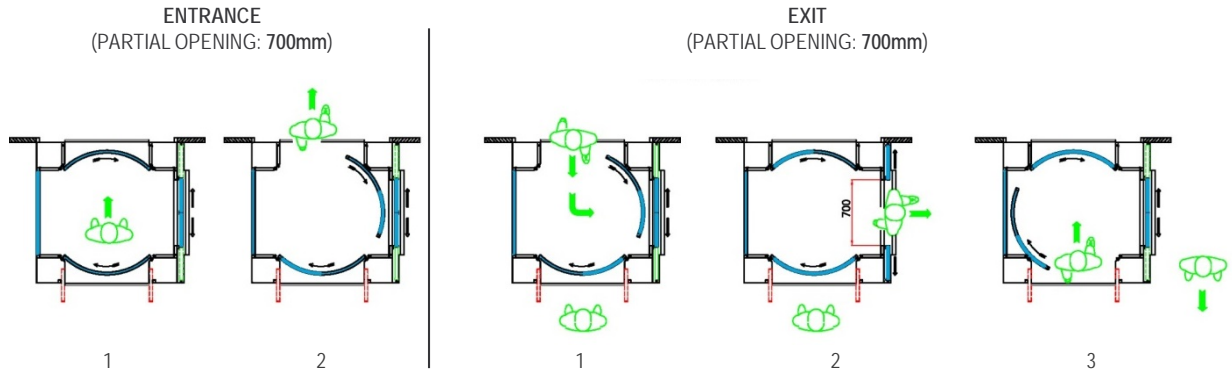
Therefore, **thanks to 3 Gates**, people passing in entrance and in exit never cross, **avoiding discomfort**. In addition, the 3G has a high flow velocity thanks also to the possibility of the partially curved doors open only (700 mm). A special cycle will be activated in case of challenged people passage; this cycle allows the full opening of curved doors to obtain a free passage area equal to **900mm**.



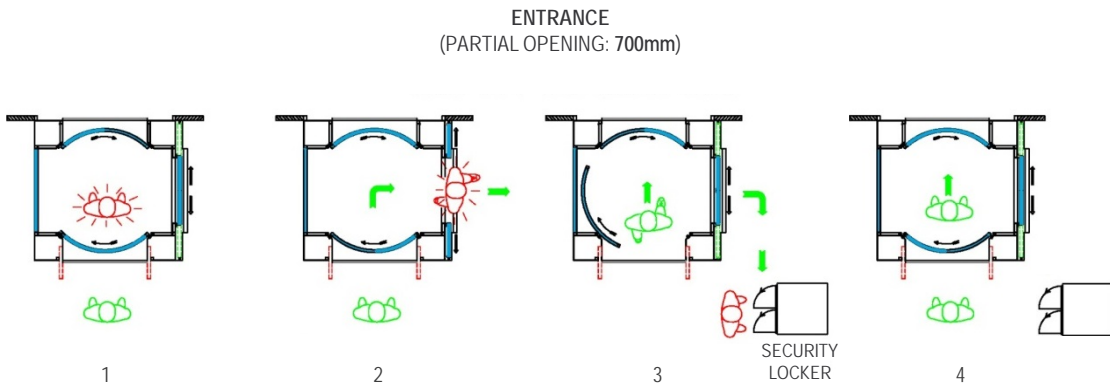
## TRANSIT CYCLE WITH AREA BANK ACCESS



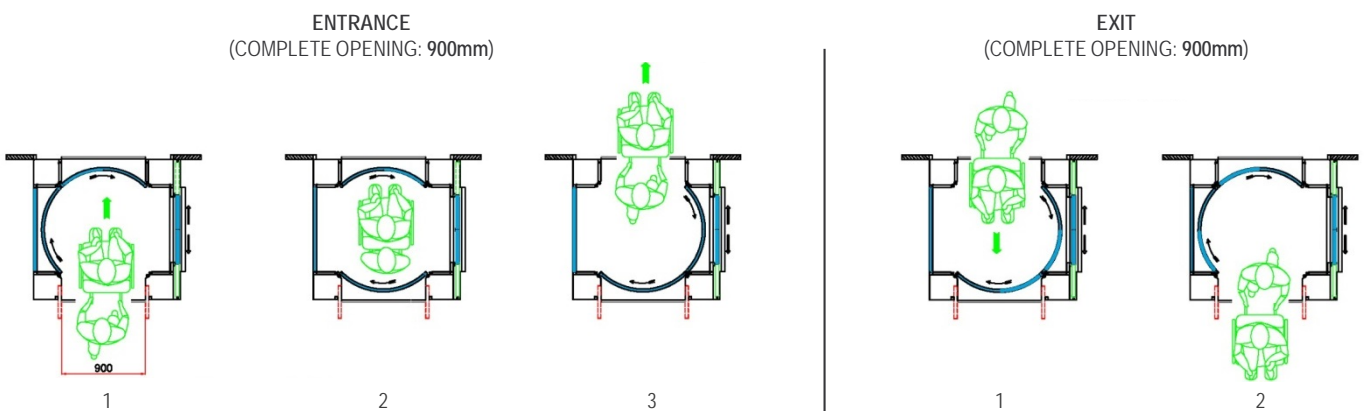
## STANDARD TRANSIT CYCLE



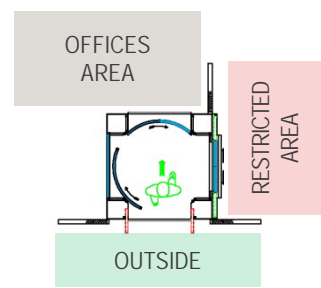
## NOT ALLOWED TRANSIT CYCLE (MD ALARM, SINGLE PRESENCE CONTROL, ...)



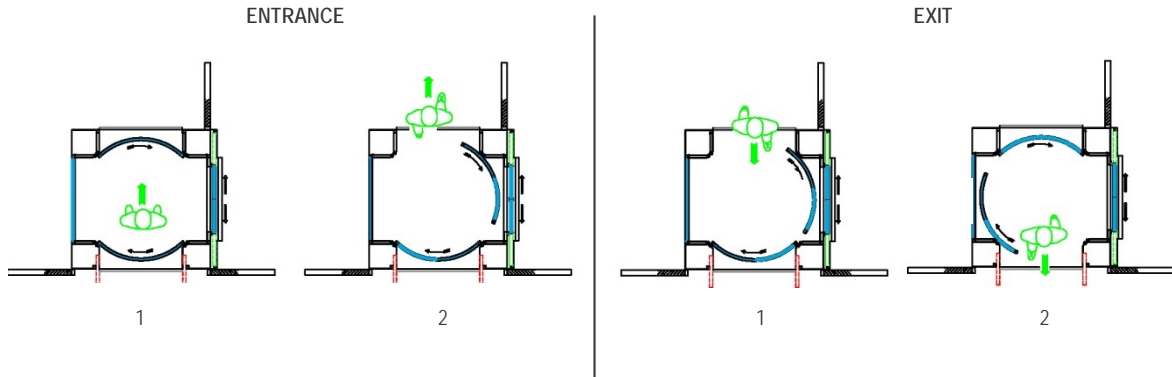
## TRANSIT CYCLE FOR CHALLENGED PEOPLE



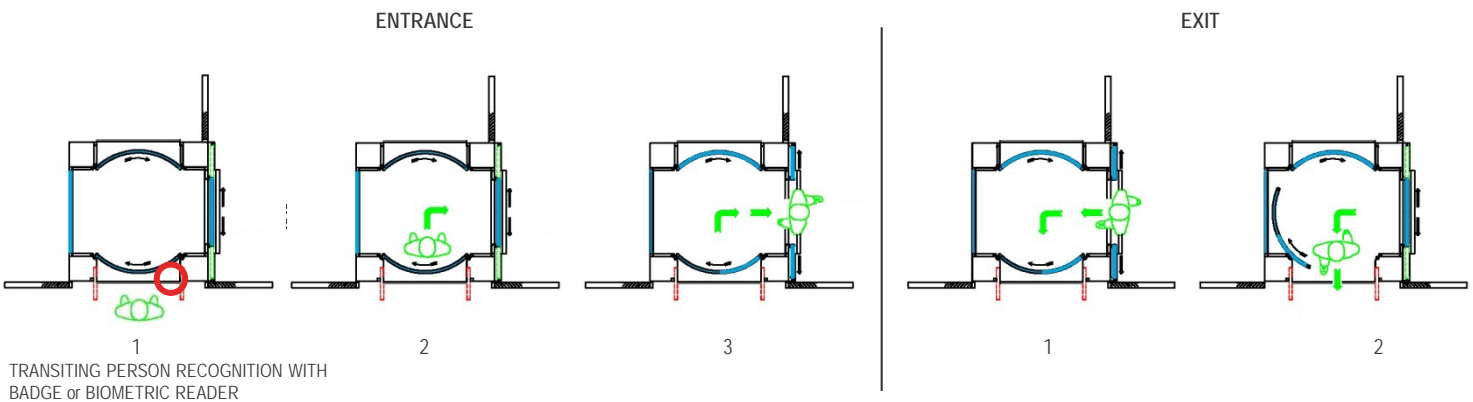
## TRANSIT CYCLE WITH RESTRICTED AREA ACCESS



## OFFICE CYCLE

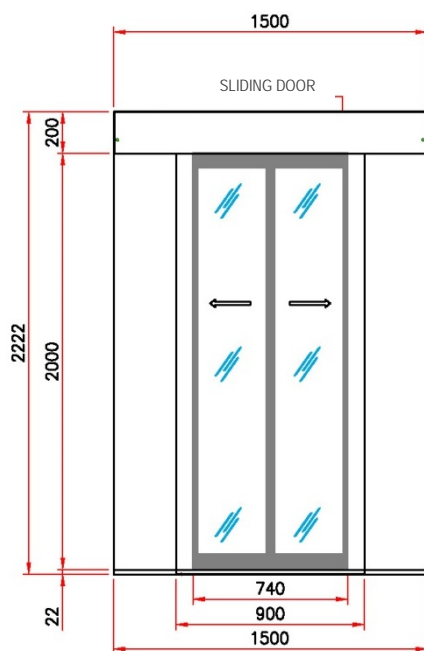


## RESTRICTED AREA CYCLE

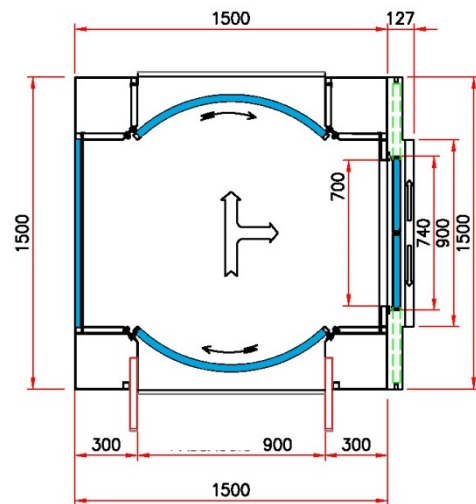
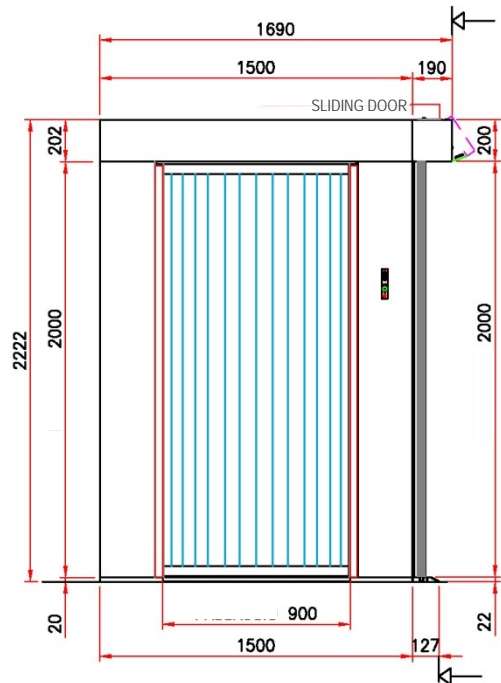


## FEATURES AND OPTIONS

- metal detector
- volumetric left object control system
- volumetric single passage checking system
- 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



VISTA LATERALE



## TECHNICAL SPECIFICATIONS

- DIMENSIONS: L 1690 x W 1500 x H 2222 mm
- FREE PASSAGE AREA :
  - CURVED DOORS: L 900 x H 2000 mm for entrances
  - AUTOMATIC SLIDING DOOR: L 700 x H 2000 mm
- WEIGHT: ca. 1150 Kg according to the version and additional options
- POWER SUPPLY : 230 V (110 V on request), 50/60 Hz
- CONSUMPTION: 150W
- VOLTAGE: 12-24 V.d.c. with back-up batteries for uninterrupted operations in case of power loss (from 100 up to 1000 cycles)
- THROUGHPUT: 3-5 full cycles/1' one sense; 6-8 full cycles/1' two senses according to additional options
- FRAME:
  - demountable, in painted steel frame
  - steel side on applications
  - cabins floor: 20 mm thick (cabins do not need to be recessed)
- PAINTING AND FINISHING: RAL colours code range standards with «orange skin» finishing (flat finishing, stainless steel execution and other colours on request)
- GLASS: sides and doors equipped with 20/21mm laminated thick glass rated BR2/S P6B (different glass thickness on request)
- 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; curved doors reduced opening; restricted area passage



TONALI s.p.A. | [www.tonali.it](http://www.tonali.it) | [tonali@tonali.it](mailto:tonali@tonali.it)

Via S. Caterina da Siena 25  
20010 Arluno (MI), Italy  
Tel +39 02 90374.1  
Fax +39 02 90374.266