UNIVERS AC series

UNIVERS AC's series represents the best synthesis of coordinated functions required for a system of modern building access: **complete physical barrier**, **high flow capacity**, **minimal design** and **integrated security** with different systems of control and management.

In addition of single presence checking, thanks to our R&D department, now it is possible to integrate also the TONALI IMAGO **anti-camouflage** system, in UNIVERS AC and UNIVERS AC Maxi. This system analyzes specific face features giving the **access only if a person correctly presents its face to the camera and denies the access in case a person tries to hid the details of its face** (full-face helmets, sun glasses, scarves, etc.), then records and stores a picture according to the regulations.

The flow of traffic for authorized users is uninterrupted.

These cabins are delivered in parts for on site assembly directly on the building floor.

UNIVERS AC with external badge reader

UNIVERS AC Maxi with external badge reader fitted on one door's jamb

They are available with the two following configurations :

- UNIVERS AC MINI: Ø 1600mm and 3 wings tunstile with one additional sliding door on high side
- UNIVERS AC: Ø 1800mm and 3 wings tunstile with additional sliding doors on high side
- UNIVERS AC Maxi: Ø 2300 mm and 4 wings turnstile with additional sliding doors on high side

TONALI
Security First

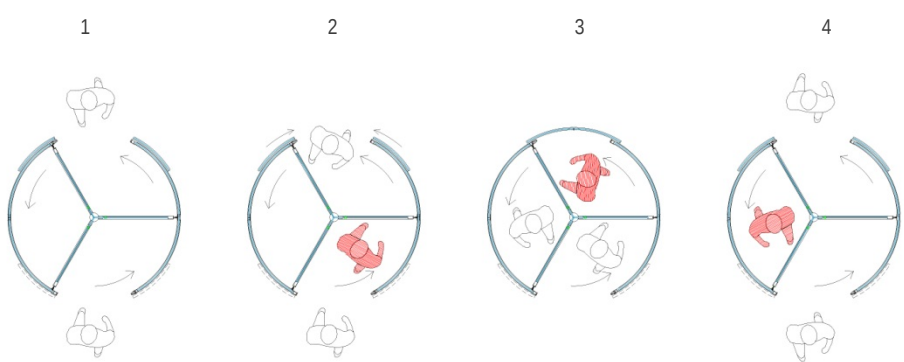
FEATURES AND OPTIONS

- *OnlyOne Pro single presence checking system* on each turnstile sector
- *Imago* anti-camouflage system (for UNIVERS AC and UNIVERS AC Maxi)
- 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)
- proxy and swipe-card and biometric readers easily added
- automatic unlock system in case of emergency
- double sliding door to close entrance in off-hour
- rain cover

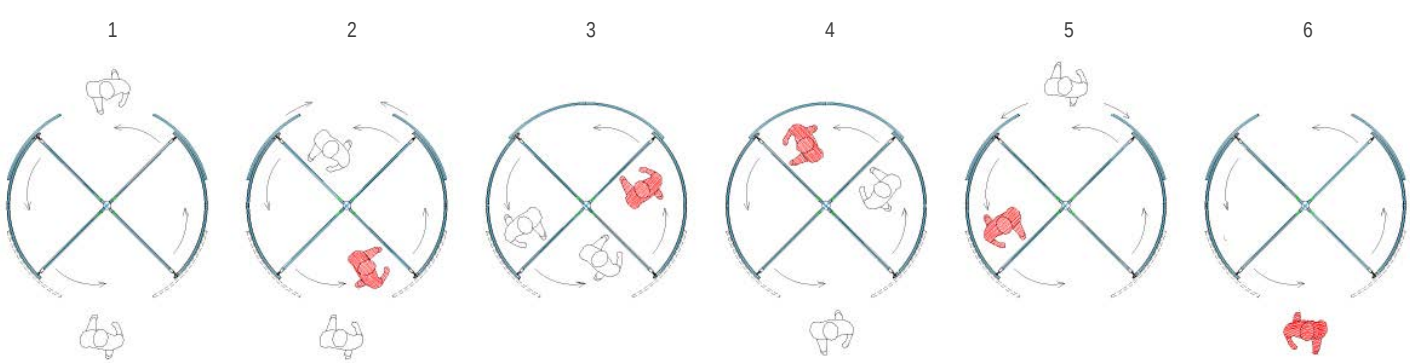
OPERATING DIAGRAM

Access to secure areas is then controlled by concealed sliding doors which close for a non-authorized user, quietly exiting the user back out of the entrance.

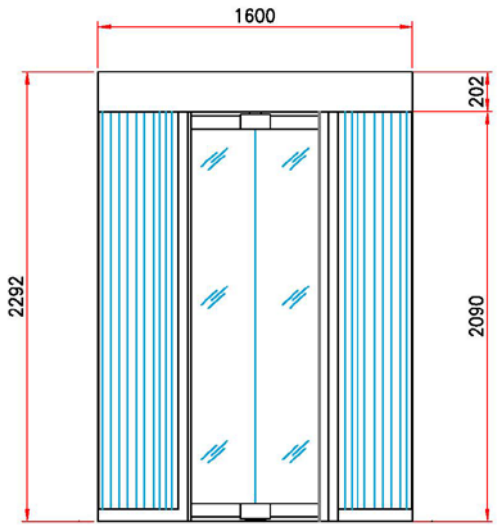
UNIVERS AC

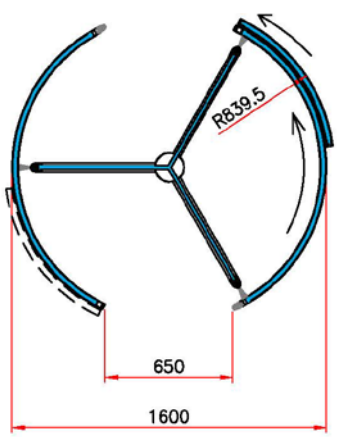


UNIVERS AC MAXI

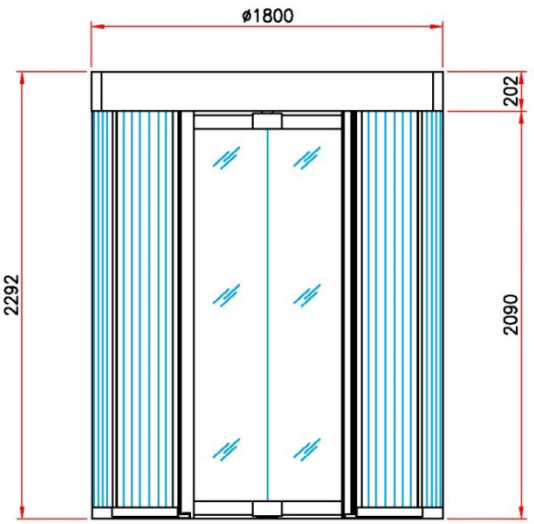


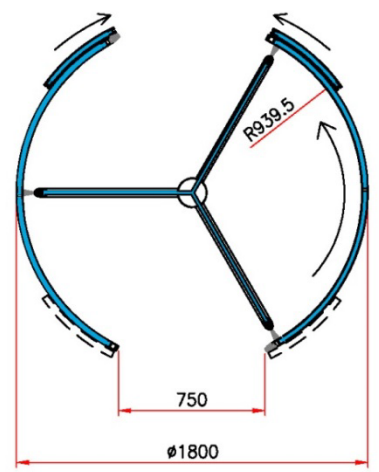
UNIVERS AC MINI



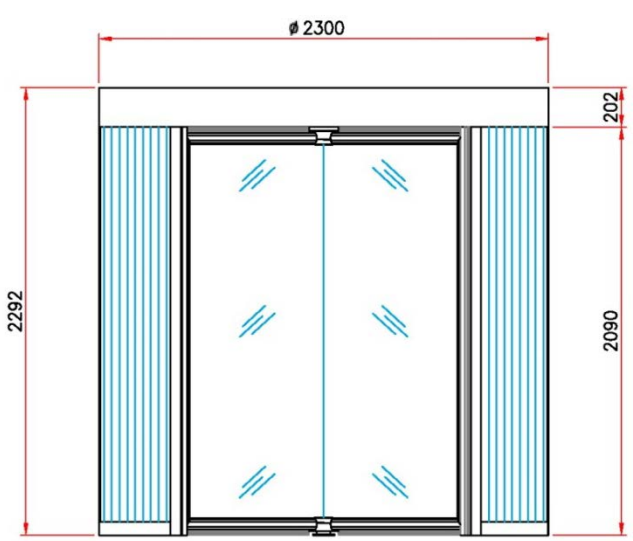


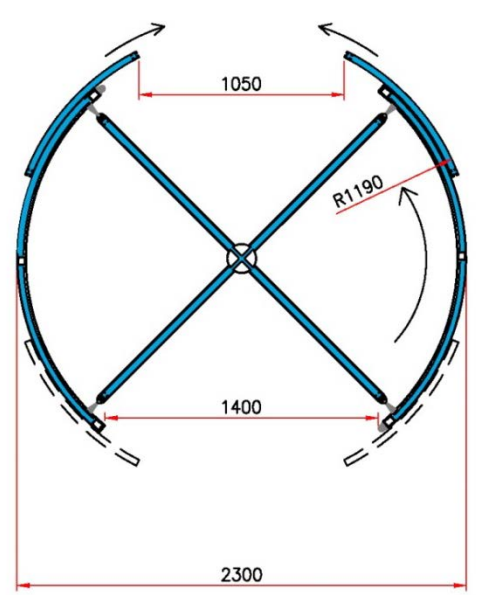
UNIVERS AC





UNIVERS AC MAXI





TECHNICAL SPECIFICATIONS

- DIMENSIONS: - UNIVERS AC MINI: Ø 1600 x H 2292 mm
  - UNIVERS AC: Ø 1800 x H 2292 mm
  - UNIVERS AC MAXI: Ø 2300 x H 2292 mm
- FREE PASSAGE AREA: - UNIVERS AC MINI: L 650 x H 2090 mm
  - UNIVERS AC: L 750 x H 2090 mm
  - UNIVERS AC MAXI: L 1050 x H 2090 mm
- WEIGHT: roughly from 900 Kg up to 1400 Kg according to the models 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: Univers AC Mini and Univers AC: 150W; Univers AC Maxi: 200W
- THROUGHPUT: 11-16 full cycles/1' one sense; 23-32 full cycles/1' two senses according to the model and additional options
- FRAME:
  - painted steel available only in separate parts for local assembling
  - no floor (installation directly on the existing floor)
- PAINTING AND FINISHING : RAL colours code range standards with «orange skin» finishing (flat finishing, stainless steel execution and other colours on request)
- GLASS: turnstile wings and additional sliding doors in 11/12mm laminated thick glass rated P2A (different glass thickness on request); sides in 20/21mm laminated thick glass rated BR2/S P6B
- MOVEMENT: 24 V.d.c. electric-motor assisted turnstile wings movement with reversible option free rotation 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

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