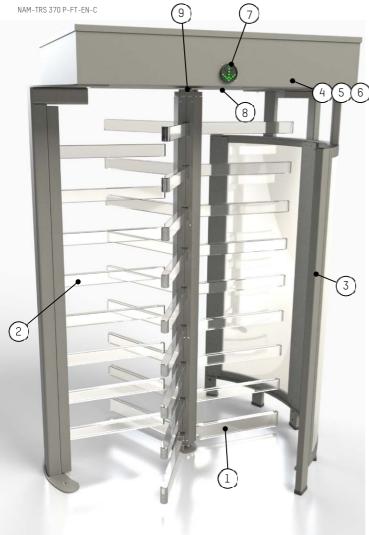
TRS 370 P





The TRS 370 P is a full-height turnstile with 3mobile arm obstacles made of clear acrylic. It offers a high level of security while maintaining a comfortable passage space for the user.

- Safe, simple, and effective equipment allowing for intensive, prolonged use
- Automatic access control enables single passage without the need for a supervisor, reducing security costs
- Long term investment based on exceptional durability

Applications: Administrative buildings, schools, hospitals, sports complexes, etc.



Access controlled... Future secured

DESCRIPTION

- 1. 3-arm mobile obstacle. Each arm is composed of rectangular obstacles positioned at regular intervals. Arms are positioned 120° from one another. The rectangular obstacles are made of clear acrylic profiles 1.5 in [38mm] thick.
- 2. Fixed obstacle limiting passage to half of the turnstile, consisting of clear acrylic profiles 1.5 in [38mm] thick bolted to the steel post
- 3. Fixed panel limiting passage, consisting of vertical tubular steel profiles welded to a curved plate upon which clear acrylic panels are mounted.
- **4. Top** section holding the driving mechanism and the control board, in sheet steel, with a double access door secured by key. Flat roof to ease the integration within the surrounding infrastructure.
- 5. Driving mechanism, located in the top section, consisting of:
 - Tension springs to stabilize the mobile obstacles when in the standby position.
 - Hydraulic damper slows the movement at the end of each cycle.
 - Mechanism preventing the return of the obstacles once a 60° rotation has been completed, prevents passage fraud from the opposite direction.
 - Electromagnet(s) and cams ensuring mechanical locking of the obstacles when in standby position.
- **6.** AS 1300 Control board located in the top section (4). The main functionalities are:
 - Parameters are set using an integrated keyboard and LCD screen, or a Modbus link with remote
 - Connection block for various commands (readers. unlocking ...) and recovery of information (position, counting ...).
 - Configuration of operating mode.
 - Management of timer settings.
 - Memorization of passage requests.
- **7.** Orientation **pictograms** on the top section.
- Passageway lighting on the top section.
- 9. Dust-free seal between the central axis of the obstacle and the top section.
- **10.** Automatic Systems supplies the necked-down bolts required to affix the equipment to concrete flooring.

TRS 370 P

Datasheet NAM-TRS 370 P-FT-EN-C



GENERAL SPECIFICATIONS

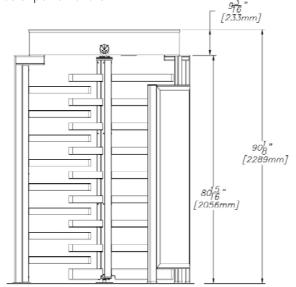
Input power	120 VAC/60 Hz (with ground)
Consumption	70 W (nominal)
Maximum relative humidity	95 %, without condensation
Operating temperature (without optional heater)	14 °F to 122 °F [-10 °C to 50 °C]
Maximum throughput ⁽¹⁾	15 to 20 passages per minute
Weight	864,6 lbs [393 kg]
Passage width	26-1/4 in [666 mm]
MCBF (Mean Cycle Between Failure)	3 000 000 cycles, with recommended maintenance
MTTR (Mean Time To Repair)	20 minutes
Certification	ETL listed no 3117963 Conform to UL std 325 Certified to CAN/USA std C22.2 NO 247

(1) Best conditions; depends on validation speed of the access control system

OPERATING MODES

For each passage direction, there are three operation modes

- 1. Free access (mobile obstacles rotate freely)
- 2. Locked
- 3. Controlled
 - a. Default setting: unlocked in case of power failure
 - b. Optional setting: locked mechanically in case of power failure



With constant view to adopting the latest technological developments, Automatic Systems reserves the right to amend the above information at any time without notice.

SURFACE TREATMENT

 Mechanical parts receive a galvanization treatment Housing and structure: 1 coat of a 4000hrs salt spray resistant primer + 1 coat of powder paint (standard color: Light grey RAL 7038)

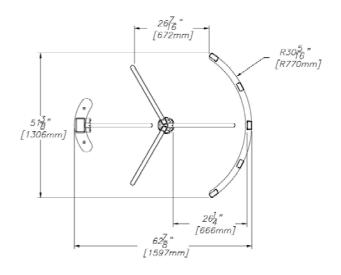
OPTIONS AND ACCESSORIES

- Fixing frame to be embedded in a concrete slab.
- 120 V 550 W heater for operation at -31°F [-35°C].
- Contact mat for single user passage.
- Card reader installation on vertical posts.
- Custom RAL color.
- ADA side gate.

WORK TO BE PROVIDED BY OTHERS

- Performing electrical interconnection and connections to the power grid
- Performing connections to the access control systems
- Anchoring the equipment with the appropriate hardware for your floor type

All work should be performed as per the implementation and interconnection diagrams provided.



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