

# COMPACT TRIPOD TURNSTILE TTR-04



The TTR-04.1 compact tripod turnstiles provide an universal access control solution. High throughput capacity of this model enables effective management of even **INTENSE PEDESTRIAN FLOWS**.

A wide range of colour options makes it suitable for various indoor applications in offices, banks, exhibition centers, museums, administrative buildings, retail outlets, railway terminals, airports, etc.

An operating mode for locking or opening the turnstile can be independently set for each passage direction. The turnstile comes with built-in optical arm rotation sensors to ensure accurate registration of each passage through the turnstile as well as the passage direction.

The TTR-04.1 turnstile is designed with the control logic board installed inside the turnstile housing. After each passage the barrier arms are automatically returned to home position by a self-centering mechanism. A built-in hydraulic damper makes the turnstile operation smooth and quiet.

A key override allows an operating technician to unlock both directions of the TTR-04.1 turnstile if there is need to override an access control system or in case of **EMERGENCY** or power failure. The mechanical release lock is built into the turnstile housing as standard and provides free rotation of the barrier arms.



## MATERIALS

**TURNSTILE HOUSING:** Steel, powder coated

**TRIPOD HUB:** mild steel, painted black

**BARRIER ARMS:** AISI 304 stainless steel tube with plastic caps, polished

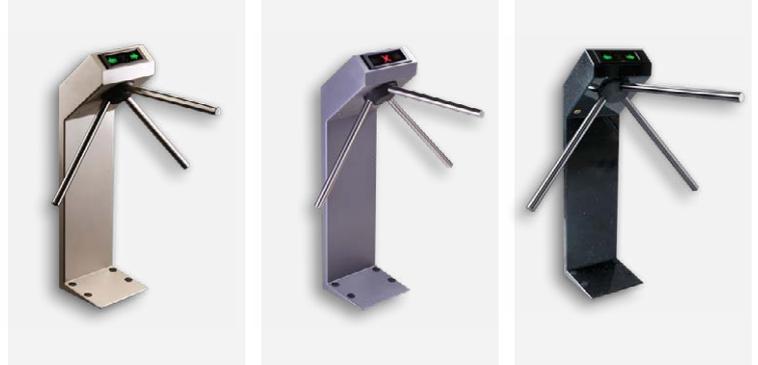


## COLOURS AND FINISH

**STRUCTURE:** light beige, grey, black

**ARMS:** metallic

**COLOURS RAL:** optionally, on request (with overcharge, delivery time: around 3 weeks)



## OPZIONI DISPONIBILI

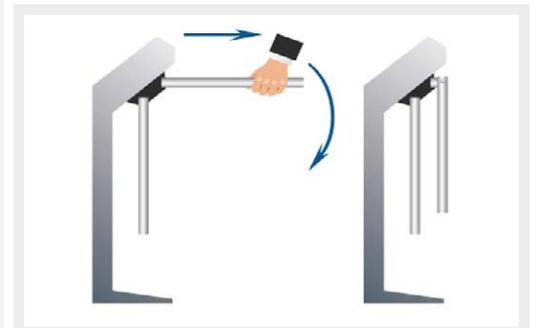
- 3 metallic anti-panic arms
- UPS to provide power in case of emergency
- No-overstep system
- Model TTR04W: for outdoor installations



## CONTROL MECHANISM

Operation of the turnstile is controlled by an electro-mechanical head mechanism with the following standard features:

- a self-centering mechanism to ensure automatic complete rotation of the barrier arms to home position regardless of the force used to pass through the turnstile;
- a control mechanism with optical arm rotation sensors and locking device:
  - the arm rotation sensors track passages through the turnstile to ensure accurate count inputs to access control systems for reports generation;
  - the locking device securely locks the turnstile in home position after each passage;
- a hydraulic damper to ensure smooth and quiet operation;
- a mechanical release lock to unblock the turnstile with a key in the event of emergency.





## CONTROL OVER TURNSTILE

The turnstile can be operated autonomously from cable or wireless remote control panel as well as from any identification or access control system.

- electrical controls for both entry and exit operation are as standard;
- the ability to choose either pulse or potential control mode for the turnstile ensures its correct operation with any access control system. in both modes the turnstile is operated by input of the control signal to the connector block;
- the turnstile is a normally closed unit - the mechanism is locked until a valid authorisation signal is received or the turnstile is unlocked with a mechanical release key.



## INSTALLATION DETAILS

- Installation requires a steady and level concrete floor (grade 400 or higher) or a firm and rigid foundation at least 150mm thick.
- The turnstile is delivered partly assembled. Installation should be performed by a skilled installer only and in strict accordance with the manufacturer's instructions (supplied with the turnstile) and installation drawings.





## TECHNICAL SPECIFICATION



two directions



30 persons/min



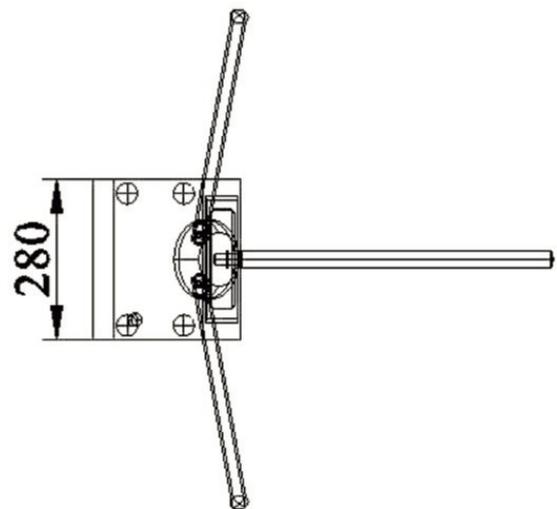
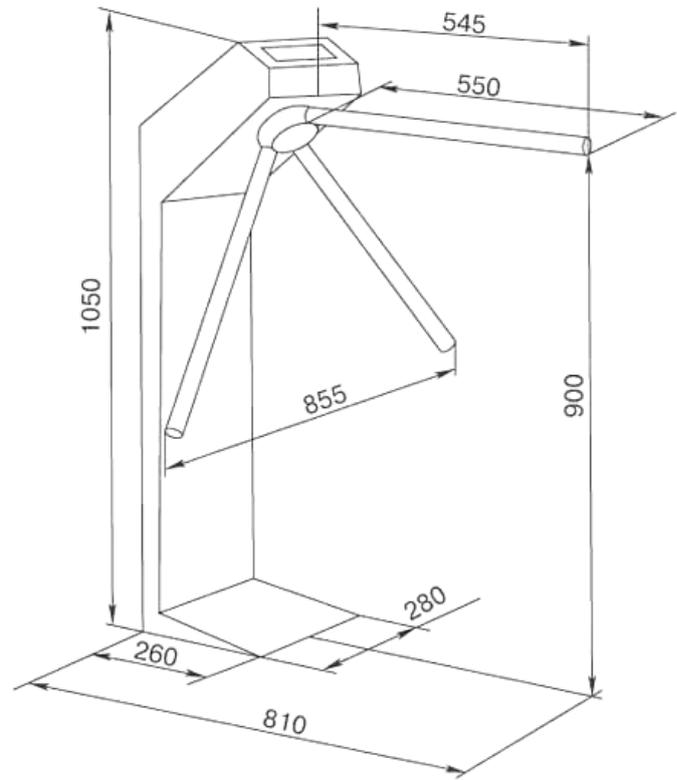
unlocking manual key



Temperature range  
+1° +40°



voltage: 12V DC



Operating voltage	12Vcc / max 1 A
Throughput rate (in the single passage mode)	max 30 persons/min
Overall dimensions (LxWxH)	
- housing	280 x 260 x 1050 mm
- housing with barrier arms	855 x 810 x 1050 mm
Arm diameter	32 mm
Passage width	500mm
Operating temperature range	from +1°C to 40°C
Weight	40Kg



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