



## AUTOMATIC SYSTEMS TRS FULL-HEIGHT TURNSTILE RANGE

Full-height turnstiles are essential in commercial buildings for several reasons related to security, access control, and operational efficiency.



## Automatic Systems Product Overview

### Choice of Design

1. TRS 370 – 3 combs positioned at 120° to one another



2. TRS 370 P - 3 combs positioned at 120° to one another (for indoor use)



### 3. TRS 372 – Double version of the TRS 370



#### Standard Features

1. Galvanized and finished in 2 coats of standard paint RAL7038 (Light grey)
2. All parts are welded for guaranteed robustness
3. Control equipment located in canopy so no fragments can impede rotation
4. Internal LED lighting
5. Directional pictograms to advise users when to proceed through or wait at the turnstile
6. Dust free seal between the central axis of the obstacle and the canopy
7. Integration with all access control systems
8. Diamond point roof for evacuation of water
9. High build quality – Electromagnets, cams, hydraulic dampers and tension springs all contribute to the smooth running of the turnstile for a long period of time ensuring product longevity, reliability and high return on investment

## Key Benefits

### 1. Enhanced Security

- **Prevents Unauthorized Entry:** Full-height turnstiles are designed to prevent unauthorized individuals from entering restricted areas. They typically require authentication (key cards, biometrics, etc.) to allow access, providing a secure barrier. Automatic Systems turnstiles include a mechanism preventing the return of an obstacle after 60° rotation and preventing passage fraud in the opposite direction.
- **Eliminates Tailgating:** Full-height turnstiles make it almost impossible for two people to enter simultaneously (tailgating), ensuring that only one person passes per authorization.
- **Deters Forced Entry:** These turnstiles are highly robust and difficult to bypass or vandalize, acting as a strong physical deterrent against forced entry.



## 2. Access Control and Monitoring

- **Controlled Access:** Full-height turnstiles can be integrated with electronic access control systems using key cards or biometric devices. This allows building management to monitor who enters and exits the premises. All sizes of access control readers can be accommodated.
- **Traffic Flow Regulation:** They regulate the flow of people entering or exiting, ensuring that individuals are accounted for, which is especially important in high-traffic commercial buildings, and high-traffic sensitive sites, such as sports and commercial complexes, offices, airports, power plants, amusement parks, military bases, parking facilities.
- **Audit Trail:** Since these systems are typically integrated with access control software, they maintain an audit trail of entry and exit times, providing valuable data for security and operational purposes.



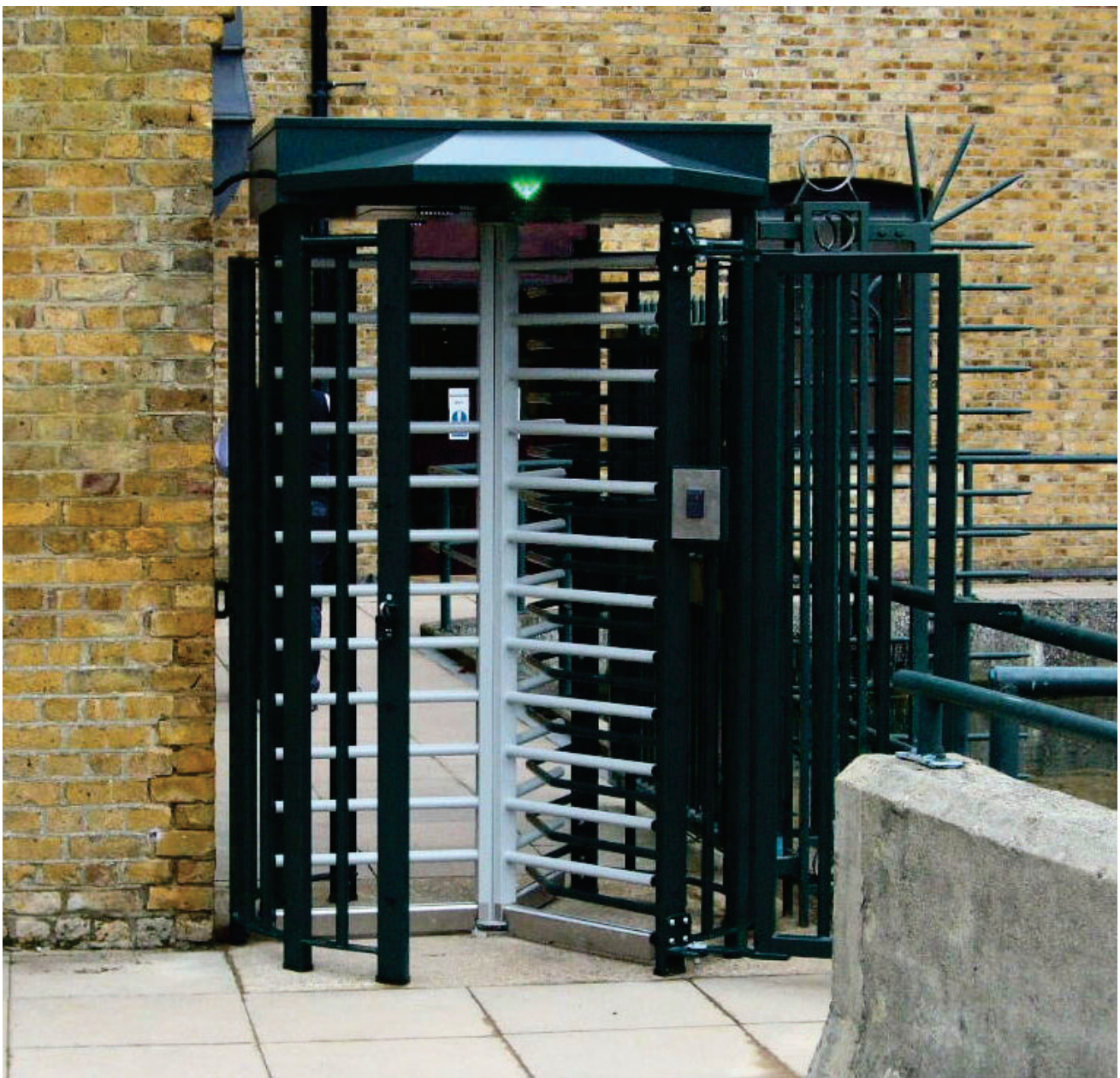
### 3. Occupancy Control and Safety

- **Accurate People Counting:** Full-height turnstiles ensure that the building's management can accurately monitor the number of people inside the facility at any given time, which is critical for fire safety regulations and emergency evacuations.
- **Restricted Area Segregation:** They are often used to segment specific parts of a building (such as high-security areas, employee-only zones, or data centers) where strict entry control is required.



#### 4. Operational Efficiency

- **Reduced Need for Security Personnel:** By automating entry and exit points, turnstiles reduce the reliance on security guards for access control tasks, making them a cost-effective solution for long-term security management.
- **Seamless Integration:** Full-height turnstiles can be integrated with other security systems such as alarms, video surveillance, and visitor management systems to create a seamless and comprehensive security environment.
- **Flexible Emergency Configuration:** The end user can determine how the turnstile behaves (locked/unlocked in case of emergency).



## 5. Improved Visitor Management

- **Visitor Verification:** In commercial buildings where visitors need to register, full-height turnstiles help verify credentials before allowing entry, improving overall security without personnel supervision.
- **Time Management:** They can reduce congestion during peak entry and exit times, facilitating smooth movement while maintaining security.

## 6. Aesthetics and Professionalism

- **Architectural Integration:** Many modern turnstiles are designed to be sleek and aesthetically pleasing, contributing to the professional image of a commercial building without sacrificing security. A popular variation is to select stainless steel rotors.
- **Colors:** Almost any non-standard colors can be included.
- **Canopies:** Canopies can be added.

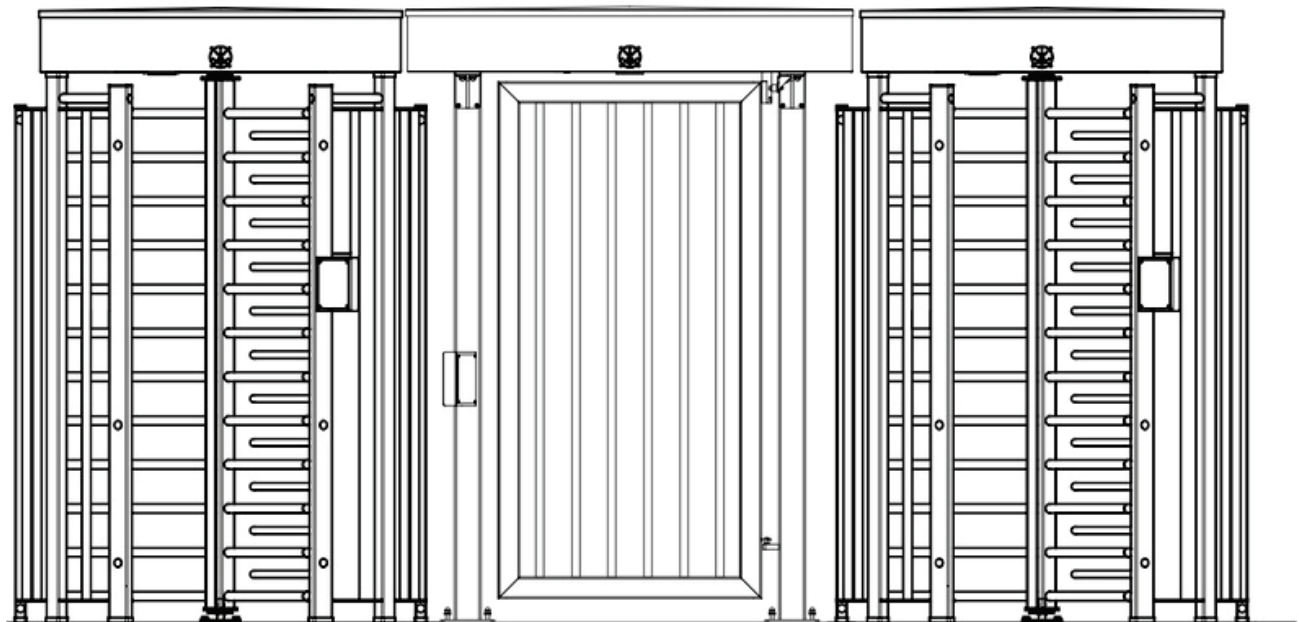
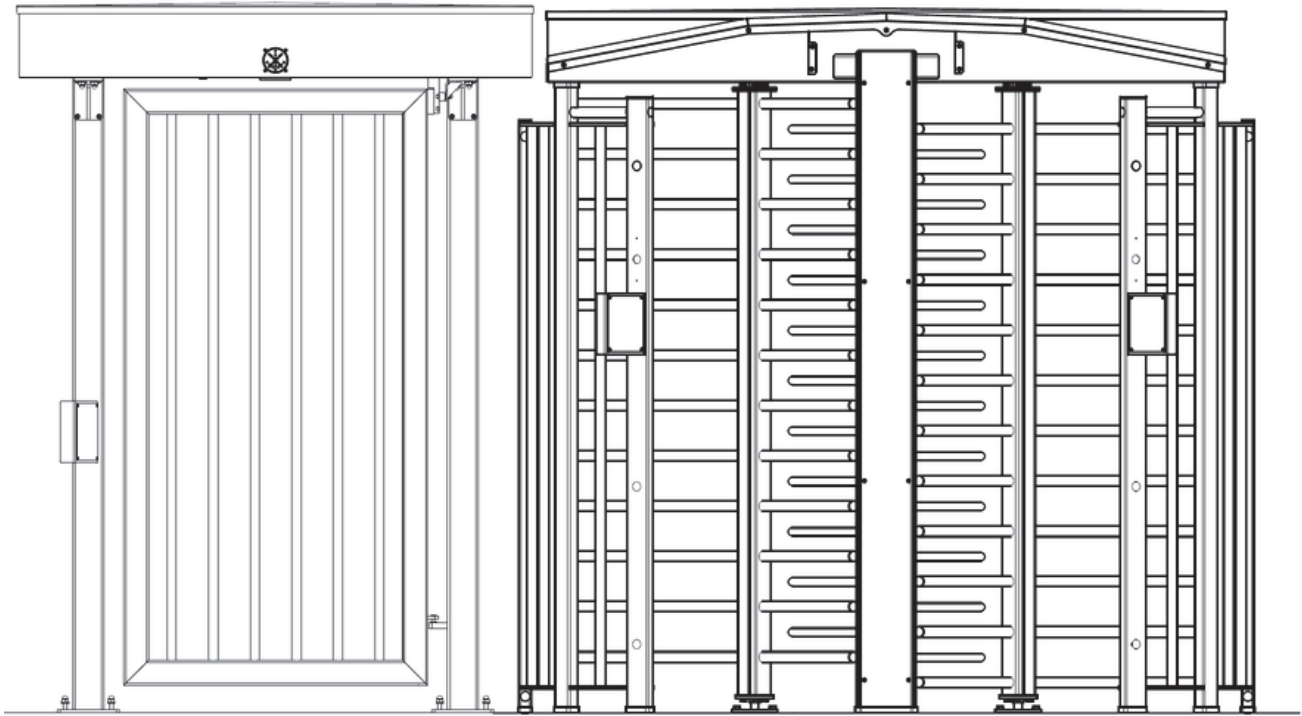


## Complementary Products

### TRS PMR

This product is designed for people with reduced mobility and for deliveries to site. It has a free passage width of  $41 \frac{5}{16}$ " (1050mm).

The PMR is designed to accompany a TRS full height turnstile ensuring a seamless design finish.



## Installation

The equipment needs to be installed onto a solid flat surface, typically a concrete base is needed as part of the process. Automatic Systems can send out a fixing frame in advance so that when the equipment is installed it has a solid framework to be installed on.



**Stage 1**



**Stage 2**



**Stage 3**



**Stage 4**



**Stage 5**



**Stage 6**



Occasionally a suitable surface already exists, and a template is then provided to position the brackets in the floor.



Overall, full-height turnstiles provide a combination of physical security, efficient access control, and cost savings, making them a vital component in securing any perimeter.

For more information, please visit [www.automatic-systems.com](http://www.automatic-systems.com)  
To get a quote, contact us at [sales.nam@automatic-systems.com](mailto:sales.nam@automatic-systems.com)