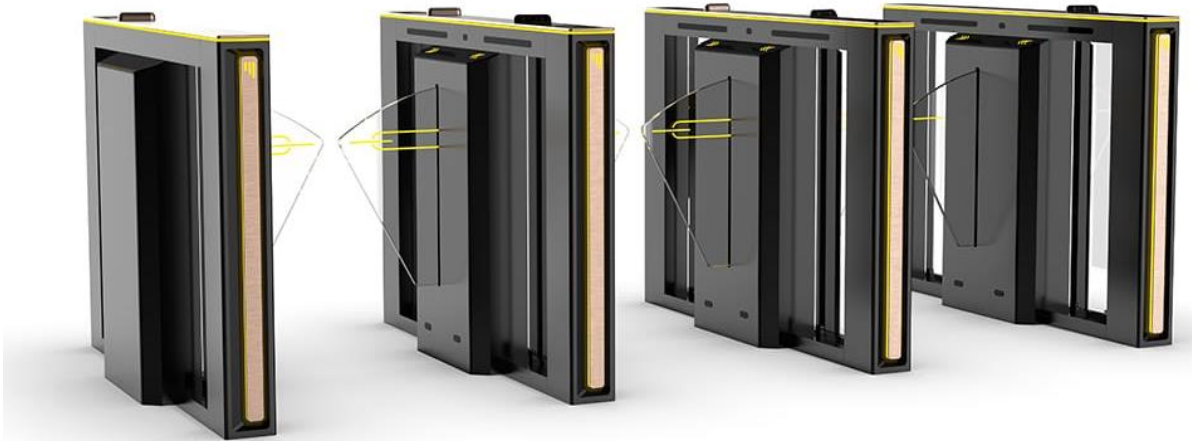




## TS-F-500 FLAP BARRIER

### Introduction:

TS-F-500 Series Flap Turnstiles are robust products functioning to provide pedestrian access control in areas requiring moderate level of security. With its compact case design, provides a perfect solution for tight installation areas. Encoder and PLC controlled obstacle movement is provided by brushless DC motor, and enhanced with security features such as anti-tail-gating and anti-pass-back, with three pairs of optical sensors embedded in the turnstile case, which in total ensures one of the highest reliability available in market and a remarkably long life even in case of intensive usages.

TS-F-500 Series flap Gates are the perfect solution, where design, aesthetics and passage speed are important.

### Application:



School/College



Airport



Metro



IT Companies



Government Offices



Factories

## Access Control System ( Optional )



### Swipe Card

Access is controlled through authorized swipe cards, ensuring secure, reliable, and efficient entry management.



### Iris Recognition Access

Secure, contactless entry using unique eye-based identification for high-level safety and fast access control.



### Fingerprint Recognition Access

Secure entry using authorized fingerprint authentication for fast and reliable access control.



### Coin / Ticket Access System

Entry is allowed using a valid coin or ticket, providing a simple and controlled access solution for managed entry points.



### Face Recognition Access System

Secure and contactless entry using authorized facial identification for fast and reliable access control.



### Manual Operation

Gate can be opened manually using wired or wireless controls for convenient entry management.

## Features:

### Reliability

The Technospacio Flap Barrier features a durable alloy steel flap hub and SUS 304 stainless steel construction for long-lasting performance. Its energy-efficient electromagnetic locking system, self-lubricating compact mechanism, and high-quality electrical components ensure reliable, smooth, and maintenance-friendly operation.



### Safety & User-Oriented Design

The Technospacio Flap Barrier ensures safe and convenient access with anti-pinch protection, smooth flap operation, and clear LED direction indicators. Its user-friendly design supports seamless integration with RFID, biometric, face recognition, and QR code access systems.



### Easy Integration

The Technospacio Flap Barrier is designed for seamless integration with third-party access control systems. Its flexible reader mounting options, standard electrical interfaces, and spacious internal design enable quick and efficient installation of RFID, biometric, QR code, and other authentication devices.



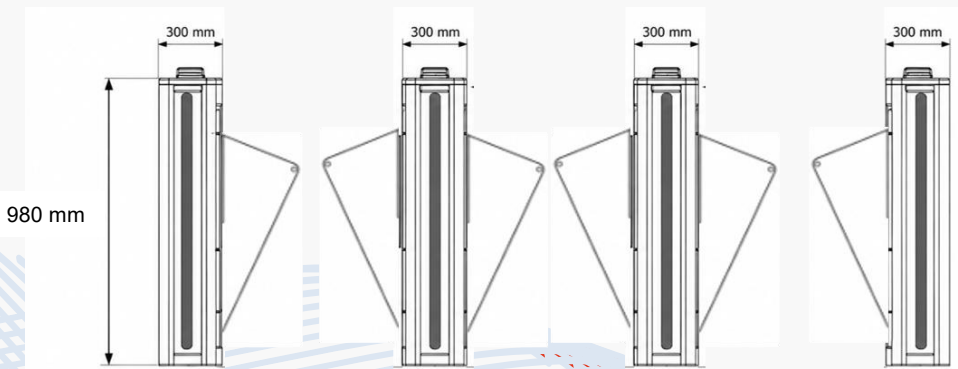
### Integration Service

Technospacio provides factory-level integration services with all boards and peripherals pre-installed, ensuring full system compliance and reliability. The turnstile is delivered ready for use—just plug in and complete the setup. This simplifies installation and helps reduce overall installation costs.

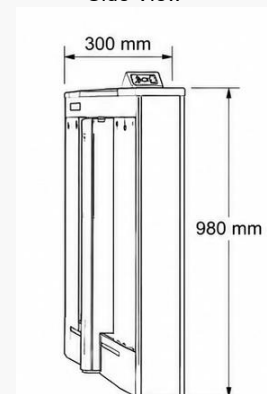


## Dimensions(mm):

Front View



Side View



## Specifications:

|                       |                                                                 |
|-----------------------|-----------------------------------------------------------------|
| Brand Name            | TECHNOSPACIO                                                    |
| Model Name            | TS-F-500                                                        |
| Dimensions            | 1400*300*1019mm                                                 |
| Cabinet Material      | 304 stainless steel                                             |
| Material Thickness    | SUS 304; 1.5 mm top lid / 1.2 mm side                           |
| Passage Width         | ≤ 550-600 mm                                                    |
| Passage indicator     | Soft LED indicator light on top + Door RGB 3-color welcome lamp |
| Operating Environment | Indoor/Outdoor (Covered)                                        |
| Power rate            | 60W                                                             |
| Power Supply          | AC 110–220V, 50/60Hz                                            |
| IP rating             | IP 54                                                           |
| Drive Mechanism       | DC Brushless motor                                              |
| Traffic Direction     | Configurable for Unidirectional or Bidirectional flow           |
| Control Signal        | Relay contact signal (dry contact)                              |
| Operating Temperature | -10°C to +60°C                                                  |
| Passage Speed         | 40-60 persons/minute                                            |
| MCBF                  | 5 Million Cycles                                                |