



# T 450

## ELEKTROMECHANIC TURNSTILE

*Strong Mechanism*

*Intense Usage*

*Trouble-free Long Years*

*Vandal-proof*

*Reliable*

*Spare Parts Support*

*Indoor & Outdoor Conditions*

# T 450

## ELECTROMECHANIC TURNSTILE

T 450 tripod turnstile provides the basic access control solution to secure various locations worldwide. The mechanism is designed and manufactured to ensure long years of trouble free use, especially for locations with intense passage flows.

### Application

T 450 can be installed and used trouble-free in various locations like public transportation terminals, universities, banks, business centers, museums, sport centers and amusement parks etc.

### Basic Materials

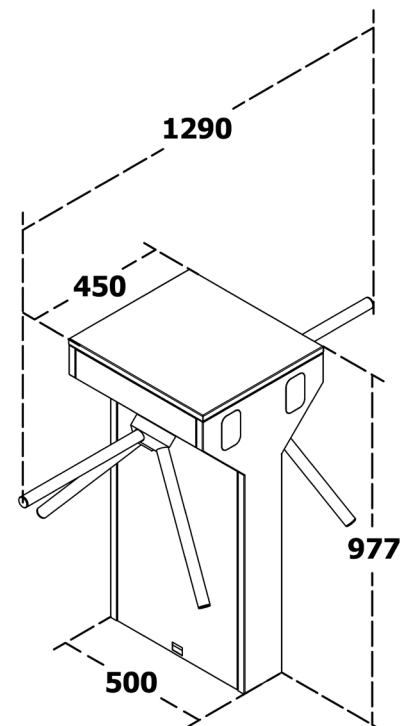
T 450 is produced in AISI 304 stainless steel. All arms and body are made of 304 stainless steel and the core is made of aluminum material against corrosion. T 450 is a single leg twin turnstile used in areas where two narrow turnstiles will not fit and a more affordable solution is desired. As an option, it can be produced from 316 stainless steel. The inner main mechanism of T 450 is produced with special investment casting technology, which makes the whole system a lot more robust and lasting. The electronic boards are designed by the qualified engineers enabling T 450 operate in various modes and integrations.

### General Usage

T 450 electromechanic turnstile operates bidirectionally. Any kind of access control system like card reader, biometric reader, remote control unit or push button can be integrated to T 450 via simple dry-contact. Once the access right is granted, user should touch slightly to T 450 arm in order to make it rotate. After the tripods complete one turn, T 450 is automatically locked. If the user does not use the passage right in 15 seconds, T 450 will give buzzer warning and it will be locked. Status indicator LED lights are located on both sides of T 450, in green arrow and red cross shape to show allowed passage directions. Passage rate is upto 30 person/minute.

### Safety

In case of power cut, T 450 is unlocked to allow free rotation of the arms in both sides. As an optional, T 450 can be produced with drop-arm mechanism. In this case, once T450 receives a signal from the emergency system, the blocking arm will drop to provide a completely free passage lane for quick evacuation of the area.



|                            |                                                                                              |
|----------------------------|----------------------------------------------------------------------------------------------|
| Control /Operation Voltage | 100-230 VAC 50/60 Hz                                                                         |
| Power Consumption          | 30 W                                                                                         |
| Operation Temperature      | - 20° C - + 70° C<br>With Optional Heater - 30° C                                            |
| Passage Speed              | 30 P / Min.                                                                                  |
| Passage Range              | Min. 43 cm / Max. 47 cm                                                                      |
| Weight                     | 50 Kg                                                                                        |
| Usage Arega                | Indoor / Outdoor                                                                             |
| Optional Accessories       | Drop-arm, remote control, button unit, card reader,biometric reader, counter, coin mechanism |
| Security Level             | ●●●●○                                                                                        |