

# SECURITY TURNSTILE

The modern world seems to be under a constant threat of terror. A need for a security turnstile that will create a safe passage for pedestrians was created and ELGOTEAM has decided to come up with a solution. Our security turnstile is a unique (patented) product that gives an answer to both pedestrian access control and security situations potentially created in walk-in compounds.

## Operation unit

Engine and transmission based, with an exact location control. Transmission unit allows locking when in power and manual turning of the device when power is off.

## Sensors and control

A main controller is supervising the entire range of operations.

The engine controller allows sensing of force incase a body is captured between arms by any reason. A stepping sensor monitors the correct position of the body inside the turnstile.

Edge sensors insure a controlled one person at a time operation. End of operation sensors for turning and lifting the arms.



## Lock-in operation

When a suspect or an unwanted person is recognized by the system-a lock-in operation is activated. In this case the turnstile will allow a walk-in process but will lock the person inside by turning only 45degrees and not completing the full operation. In that case the person is locked until a controlled and supervised release is done.

Release can than be activated for both sides of the turnstile-by turning the arms or by lifting to allow a both side holding of the suspect.

### Emergency operation

The turnstile arms can be totally lifted to create a clear passage in emergency cases. This can be used when ever there is a need for fast entering or exiting the compound.

### Additional options

The turnstile can work in a row with a metal detector, explosives detector or an x-ray detector all to be combined in its main control unit. When ever one of the units sends an alert to the turnstile it can automatically go into silent lock-in mode. An alert will be sent to the control room automatically. **Optional sensing units:** Biometric, face\picture recognition, magnetic cards etc`. **Optional automatic lock-in operation** controlled by picture\name database.

### Benefits of the system

- One person at a time controlled operation.
- Lock-in operation of suspect.
- While in lock-in mode the suspect will have enough room for examination (cloths, shoes etc`).
- Emergency clear passage operation.



MODEL	STS 01
product	security turnstile
operation	electric
measurments (out)	2400mm <b>H</b> 1160mm <b>W</b> 1200mm <b>L</b>
measurments (in)	2100mm <b>H</b> 760mm <b>W</b> 1200mm <b>L</b>
speed	6 seconds for each cycle (adjustable)
main functions	both side operation, lock-in and controlled release, emergency clear passage
power	240 V / 110 V 50 - 60Hz