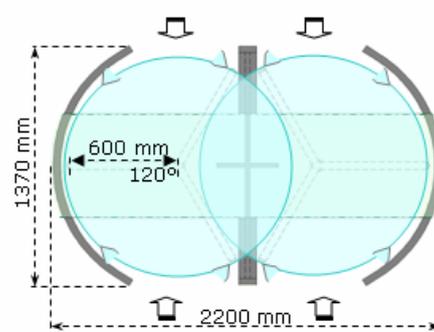
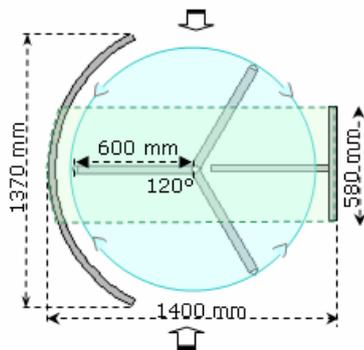
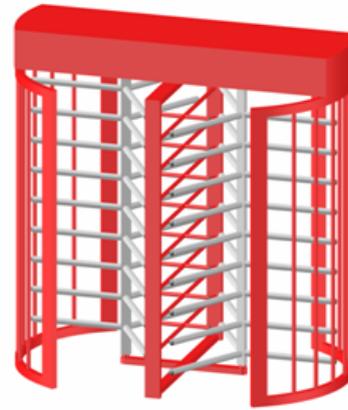
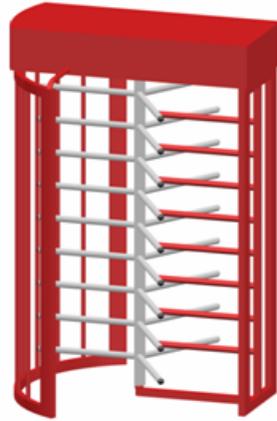
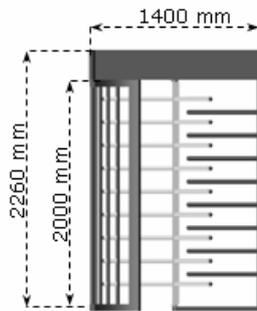


### SINGLE-SIDED

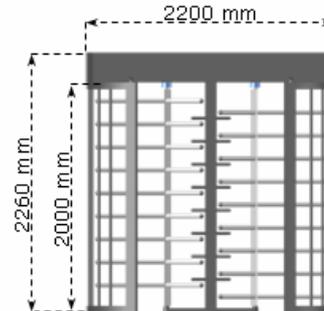
### DOUBLE-SIDED



#### Dimensions



1400 x 1370 x 2260 mm



2200 x 1370 x 2260 mm

#### Power Supply

80-230v.50-60Hz. AC / 24v DC  
at standby ~11 W. max. ~60 W.

80-230v.50-60Hz. AC / 24v DC  
at standby ~22 W. max. ~120 W.

#### Weight

~310 kgs

~500 kgs.

#### Flow Rate

Passage Capacity of Mechanical unit for **Manual-Version**=Max. 85 passages/minute; **Nominal=33 persons/minute**  
Passage Capacity of Mechanical unit for **Motorised-Version**=Max. 48 passages/minute; **Nominal=24 persons/minute**

Please note that the above given figures are approximate for one person per walkway or lane.

**Explanatory Note:** The system allows the new passage authorisation in less than 0,3 seconds. After the passage authorization, the total passage time depends on the pushing and passage speed of the persons. Utilisation of different access control units can change the flow rate.



**TURNİKE - TURNSTILE**  
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- Energy** : Power that comes into the system is filtered by noise filter and power supply for the System is supported by "switch mode" technology.
- Arm Features** : Three arms (x2 for double-sided), angle between the arms is 120 degrees. Each arm array is equipped with 9 arms with a section thickness of Ø42mmx2mm electrostatically powder coated or stainless steel (Opt.Ø40, Ø42, Ø45 mm)
- As an option, upright bars at the frame can comply with UK H&S Regulations (The gap between upright bars is less than 98 mm).
- Body Features** : Constructed on main carriers, supported by tube profiles on lateral panels, strengthened by separators.
- Material used is phosphate-coated steel, finish is electrostatically painted, stainless steel (304-Grade) or mixed combinations. (Opt. Electro (cadmium) galvanizing or hot dip galvanizing under the coating)
- Top protection cover is protected against water for external usages. Aesthetically complemented by top side frontals.
- Indicator Features** : Green & Red Dot Led on the top cover
- Working temperature** : -17°C/+68°C (Ops. -50°C with heater unit)
- Control System** : Can be controlled through dry contact or any tension in between TTL. CMOS. 5-48v. can be operated harmoniously with all kinds of access control units (TCP/IP, Fingerprint, Iris Control Unit, Barcode, or Magnetic Terminals) and token systems when integrated. The functions can be controlled via RS 232, RS 485 or LAN network.
- Working System** : Vibration resistant, microprocessor controlled industrial designs can be customised to fit all types of users. All inputs and outputs are protected with opto-couplers.
- The passing ways can easily be arranged so as to be controlled free, disable and enable or combinations of them. The passing direction can be activated with separate input signals; in addition, with the feature of double input. The passing ways for two directions can be operated through one signal. (Opt. can be equipped with talking unit through wav files and speakers)
- All types of 'lock solenoids' are special designs %100 ED Do not warm up to more than 10°C than atmospheric temperature.
- Passing** : System operates bi-directionally.
- A- Manual Push (standard): On receiving a signal from the external unit will unlock and push the arm manually 120° away from signal direction.
- B- Motorised (optional): On receiving, a signal from external unit will unlock and wait for to be pushed softly the arm then drives through 120° away from signal direction.
- C- Free Pass (optional): The arms are free in this mode. If passing is invalid, arms are locked.
- Soft Stop** : With hydraulic shock absorber.
- Reset Time** : Can be selected on the dipswitch; 6 – 8 - 18 sec .or external controls.
- Output Data** : Generated with the direction of pass (Dry contact, 12/35V DC for each directions). During passage time turnstile gives a busy signal.
- Emergency** : The arms free themselves to allow free passageway.
- Optional (Additions)** : Counter (manual or electromechanic), manual control unit (RF or with cable) alarm unit, earthquake (shake) sensor, card readers, indicator with animations, direction indicator, down light, metal detector, battery and charge unit, interface unit for PC, separators, mounting plate, etc.