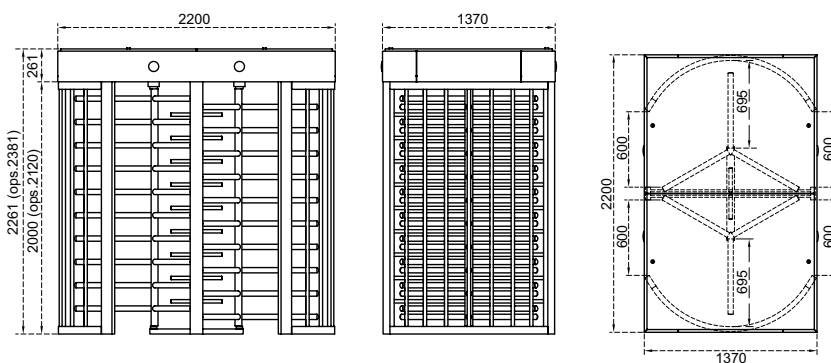




### Dimensions (mm)



### Technical Features

**Place of Use** Indoors, outdoors

**Operating Temperature, Humidity** -20°C/+68°C (opt. -50°C with heater positive), RH 95% non-condensing.

**Operating Intensity** 100%, 7/24 use.

Built on main carriers and supported with pipe beams on sides, consisting of waterproof and protecting top lid, mechanical compartment side panels and completely closed ceiling. Can be completely disassembled.  
A pair of three-section rotors (120°), each having 10+10 (11+11 in optional 2120 mm clear passage height) one by one demountable arms.  
Optionally complies with UK H&S regulation of ≤98 mm gap between upright profiles.

### Body / Arm Features

Combination options with different material choices:

	BT 312 D	BT 312 D-25	BT 312 D-100
<b>Body</b>	Electrostatic powder coating on hot-dip galvanized steel	Electrostatic powder coating on hot-dip galvanized steel	304 grade (opt. 316 grade) stainless steel
<b>Arms</b>	Electrostatic powder coating on hot-dip galvanized steel, Ø42x2,5 mm.	304 grade (opt. 316 grade)* stainless steel, Ø40x2,0 mm.	304 grade (opt. 316 grade)* stainless steel, Ø40x2,0 mm.

(\*) Finishing : Satine brushed (opt. electrostatic powder coating on stainless steel).

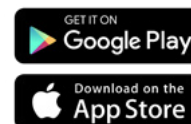
**Indicators / Illumination** **Status - Direction Indicators** : LED, standard/LED passageway illumination standard.

**Power** **Operating Voltage** : 110/220V AC 50/60 Hz. (±10%), 24V DC.  
**Consumption** : ~16,2W at stand-by, during passage ~7,6+7,6W (varies according to the options and accessories used).

**Operating Modes** System operates bi-directionally (entry-exit).  
Operation modes can be changed through dip switch, IOS and/or android app.  
Entry - exit controlled                      Entry controlled, exit free                      Entry free, exit controlled  
Single input both directions use                      Entry - exit free

**Operating System** Electromechanical manual operation (opt. electromechanical motorized operation).

**Control System** All functions, parameters and operating modes can be changed through the control board (microprocessor controlled), IOS and/or android app. Firmware can be updated.  
All past function updates and changes are kept in the server and records can be traced.  
All inputs are opto-coupler protected.  
Controllable by dry contact (ground control).  
Compatible with all kinds of access control device.  
Optional RS232, RS485 or TCP/IP module is available.



**Flow Rate** **Passage capacity (manual)** : max. 96 cycle/min. **Nominal** : ~50 pass/min.  
**Passage capacity (motorized)** : max. 80 cycle/min. **Nominal** : ~40 pass/min.  
(nominal passage rate can change depending on the access control system utilized)

**Emergency Mode** System allows free passage (entry-exit) in both directions (fail safe). Works compatible with fire warning and similar systems. At the end of an emergency situation, system returns to its normal operating mode.

**Power-off Situation** System allows free passage (entry-exit) in both directions (fail safe). Optionally, can be set (fail secure) as; entry-exit locked, entry free-exit locked, or entry locked-exit free. Free passage in chosen direction by manual override key in fail secure option is available.

**Weight** ~530 kg

**Optional Features and Accessories** Motor driven unit, wireless remote control (receiver-transmitter), manual control, manual override key (with fail secure option), counter (with/without reset), card reader mounting bracket, passage completion sensor, contactless passage sensor (for motorized models), heater positive, canopy, bottom plate (standard or for forklift handling), battery back-up, 316 grade stainless steel, RS232-RS485-TCP/IP modules, limiter, 2120 mm clear passage height, mechanics compartment accessibility from the ceiling, different color choices, compliance with UK H&S regulation of ≤98 mm gap between upright profiles.