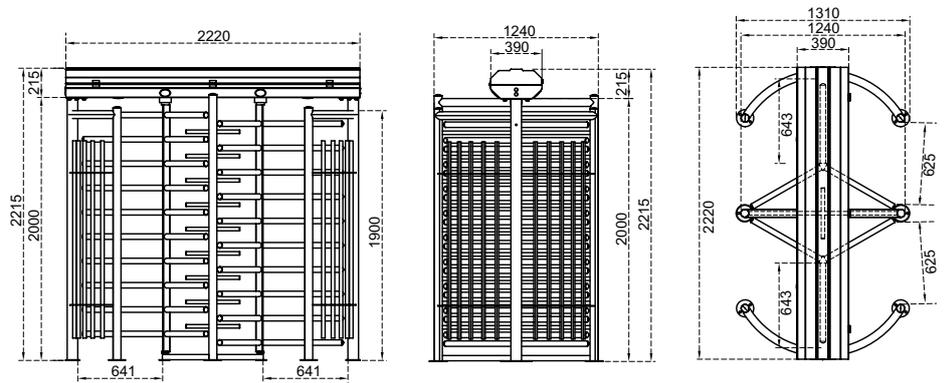




Dimensions (mm)



### Technical Features

|  |   |
|--|---|
| <b>Place of Use</b>                    | Indoors, outdoors   |
| <b>Operating Temperature, Humidity</b> | -20°C/+68°C (opt. -50°C with heater positive), RH 95% non-condensing. |
| <b>Operating Intensity</b>             | 100%, 7/24 use.   |

Built on main carriers and supported with pipe beams on sides, consisting of waterproof and protected top lid with damper for safety. 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.

Complies with UK H&S regulation of ≤98 mm gap between upright profiles.

### Body / Arm Features

Combination options with different material choices:

|             | BTX 300 N1 D  | BTX 300 N1 D-25  | BTX 300 N1 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).

|  |  |
|--|--|
| <b>Indicators / Illumination</b>         | <b>Status - Direction Indicators :</b> LED, standard/LED passageway illumination standard.   |
| <b>Power</b>                             | <b>Operating Voltage :</b> 110/220V AC 50/60 Hz. (±10%), 24V DC.<br><b>Consumption :</b> ~16,2W at stand-by, during passage ~7,6+7,6W (varies according to the options and accessories used).  |
| <b>Operating Modes</b>                   | System operates bi-directionally (entry-exit).<br>Operation modes can be changed through dip switch, IOS and/or android app.<br>Entry - exit controlled      Entry controlled, exit free      Entry free, exit controlled<br>Single input both directions use      Entry - exit free   |
| <b>Operating System</b>                  | Electromechanical manual operation (opt. electromechanical motorized operation).   |
| <b>Control System</b>                    | All functions, parameters and operating modes can be changed through the control board (microprocessor controlled), IOS and/or android app. Firmware can be updated.<br>All past function updates and changes are kept in the server and records can be traced.<br>All inputs are opto-coupler protected.<br>Controllable by dry contact (ground control).<br>Compatible with all kinds of access control device.<br>Optional RS232, RS485 or TCP/IP module is available.  |
| <b>Flow Rate</b>                         | <b>Passage capacity (manual) :</b> max. 96 cycle/min. <b>Nominal :</b> ~50 pass/min.<br><b>Passage capacity (motorized) :</b> max. 80 cycle/min. <b>Nominal :</b> ~40 pass/min.<br>(nominal passage rate can change depending on the access control system utilized)   |
| <b>Emergency Mode</b>                    | 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.   |
| <b>Power-off Situation</b>               | 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.   |
| <b>Weight</b>                            | ~365 kg  |
| <b>Optional Features and Accessories</b> | 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. |

